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**MEGA5: molecular evolutionary genetics analysis using maximum likelihood, evolutionary distance, and maximum parsimony methods**

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- 2038 Recombinational histories of avian infectious bronchitis virus and turkey coronavirus. **2011**, 156, 1823-9 15
- 2037 The possible molecular evolution of sapoviruses by inter- and intra-genogroup recombination. **2011**, 156, 1953-9 9
- 2036 *Mirabilis jalapa* mottle virus: a new carlavirus infecting four o'clocks. **2011**, 156, 2109-11 5
- 2035 Complete genome sequence of a dahlia common mosaic virus isolate from New Zealand. **2011**, 156, 2297-301 3
- 2034 High genetic variability and recombination in a begomovirus population infecting the ubiquitous weed *Cleome affinis* in northeastern Brazil. **2011**, 156, 2205-13 29
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2030	Phylogeny of members of the Frankia genus based on gyrB, nifH and glnII sequences. <b>2011</b> , 100, 579-87	55
2029	Evolution of corallivory in the gastropod genus Drupella. <b>2011</b> , 30, 977-990	31
2028	Biodegradation of carbazole by newly isolated Acinetobacter spp. <b>2011</b> , 87, 522-6	13
2027	Genome sequence analyses of two isolates from the recent Escherichia coli outbreak in Germany reveal the emergence of a new pathotype: Entero-Aggregative-Haemorrhagic Escherichia coli (EAHEC). <b>2011</b> , 193, 883-91	208
2026	A revised timeline for the origin of Plasmodium falciparum as a human pathogen. <b>2011</b> , 73, 297-304	11
2025	Molecular evolution of miraculin-like proteins in soybean Kunitz super-family. <b>2011</b> , 73, 369-79	16
2024	Phylogenetic diversity and ecological pattern of ammonia-oxidizing archaea in the surface sediments of the western Pacific. <b>2011</b> , 62, 813-23	29
2023	Evolution of the IL17 receptor family in chordates: a new subfamily IL17REL. <b>2011</b> , 63, 835-45	22
2022	Epidemiology and mutational analysis of global strains of Crimean-Congo haemorrhagic fever virus. <b>2011</b> , 26, 229-44	15
2021	Bacillus kyonggiensis sp. nov., isolated from soil of a lettuce field. <b>2011</b> , 49, 776-81	5
2020	A molecular, morphological and ecological re-appraisal of Venturiales-a new order of Dothideomycetes. <b>2011</b> , 51, 249-277	74
2019	First record of Pyricularia grisea causing leaf blight of Costus spiralis in Brazil. <b>2011</b> , 6, 46-48	0
2018	First report of Strawberry necrotic shock virus infecting strawberry (Fragaria vesca) from Australia. <b>2011</b> , 6, 54-56	6
2017	Analysis of the Fusion Protein Cleavage Site of Newcastle disease virus Isolates from India Reveals Preliminary Evidence for the Existence of II, VI and VII Genotypes. <b>2011</b> , 22, 131-7	10
2016	Incongruence between morphotypes and genetically delimited species in the coral genus Stylophora: phenotypic plasticity, morphological convergence, morphological stasis or interspecific hybridization?. <b>2011</b> , 11, 22	69
2015	Comparative genomics study of polyhydroxyalkanoates (PHA) and ectoine relevant genes from Halomonas sp. TD01 revealed extensive horizontal gene transfer events and co-evolutionary relationships. <b>2011</b> , 10, 88	50
2014	Genetic analysis of the merozoite surface protein-1 block 2 allelic types in Plasmodium falciparum clinical isolates from Lao PDR. <b>2011</b> , 10, 371	17

2013	Mimivirus reveals Mre11/Rad50 fusion proteins with a sporadic distribution in eukaryotes, bacteria, viruses and plasmids. <b>2011</b> , 8, 427	13
2012	Emergence of Japanese encephalitis virus genotype V in the Republic of Korea. <b>2011</b> , 8, 449	75
2011	Identification and complete genome sequencing of paramyxoviruses in mallard ducks ( <i>Anas platyrhynchos</i> ) using random access amplification and next generation sequencing technologies. <b>2011</b> , 8, 463	24
2010	Diversity and phylogeography of Begomovirus-associated beta satellites of Okra in India. <b>2011</b> , 8, 555	38
2009	Evolution of vacuolar proton pyrophosphatase domains and volutin granules: clues into the early evolutionary origin of the acidocalcisome. <b>2011</b> , 6, 50	36
2008	Extensive intron gain in the ancestor of placental mammals. <b>2011</b> , 6, 59	14
2007	Transport of <i>Babesia venatorum</i> -infected <i>Ixodes ricinus</i> to Norway by northward migrating passerine birds. <b>2011</b> , 53, 41	19
2006	Characterization of simple sequence repeats (SSRs) from <i>Phlebotomus papatasi</i> (Diptera: Psychodidae) expressed sequence tags (ESTs). <b>2011</b> , 4, 189	15
2005	Fatty acyl-CoA reductases of birds. <b>2011</b> , 12, 64	32
2004	Natural history of SLC11 genes in vertebrates: tales from the fish world. <b>2011</b> , 11, 106	17
2003	Modern and ancient red fox ( <i>Vulpes vulpes</i> ) in Europe show an unusual lack of geographical and temporal structuring, and differing responses within the carnivores to historical climatic change. <b>2011</b> , 11, 214	38
2002	A survey of green plant tRNA 3'-end processing enzyme tRNase Zs, homologs of the candidate prostate cancer susceptibility protein ELAC2. <b>2011</b> , 11, 219	13
2001	The mitochondrial genome of <i>Sinentomon erythranum</i> (Arthropoda: Hexapoda: Protura): an example of highly divergent evolution. <b>2011</b> , 11, 246	24
2000	Phylogenetic relationships within the speciose family Characidae (Teleostei: Ostariophysi: Characiformes) based on multilocus analysis and extensive ingroup sampling. <b>2011</b> , 11, 275	212
1999	A hitchhikers guide to the Galápagos: co-phylogeography of Galápagos mockingbirds and their parasites. <b>2011</b> , 11, 284	45
1998	Study of <i>Sylvilagus</i> rabbit TRIM5 $\beta$ species-specific domain: how ancient endoviruses could have shaped the antiviral repertoire in Lagomorpha. <b>2011</b> , 11, 294	15
1997	Gene conversion and purifying selection shape nucleotide variation in gibbon L/M opsin genes. <b>2011</b> , 11, 312	26
1996	Identification of lignin genes and regulatory sequences involved in secondary cell wall formation in <i>Acacia auriculiformis</i> and <i>Acacia mangium</i> via de novo transcriptome sequencing. <b>2011</b> , 12, 342	58

1995	Mitochondrial genomes and Doubly Uniparental Inheritance: new insights from <i>Musculista senhousia</i> sex-linked mitochondrial DNAs (Bivalvia Mytilidae). <b>2011</b> , 12, 442	42
1994	Analyses of the oligopeptide transporter gene family in poplar and grape. <b>2011</b> , 12, 465	56
1993	Developing a community-based genetic nomenclature for anole lizards. <b>2011</b> , 12, 554	19
1992	The MetJ regulon in gammaproteobacteria determined by comparative genomics methods. <b>2011</b> , 12, 558	14
1991	Sequence of the hyperplastic genome of the naturally competent <i>Thermus scotoductus</i> SA-01. <b>2011</b> , 12, 577	45
1990	Eukaryote DIRS1-like retrotransposons: an overview. <b>2011</b> , 12, 621	33
1989	Protease-associated cellular networks in malaria parasite <i>Plasmodium falciparum</i> . <b>2011</b> , 12 Suppl 5, S9	16
1988	Resistance mechanism to carboxylic acid amide fungicides in the cucurbit downy mildew pathogen <i>Pseudoperonospora cubensis</i> . <b>2011</b> , 67, 1211-4	38
1987	Intratypic variations of HPV 31 and 58 in Italian women with abnormal cervical cytology. <b>2011</b> , 83, 1752-61	17
1986	Phylogeny of the gudgeons (Teleostei: Cyprinidae: Gobioninae). <b>2011</b> , 61, 103-24	67
1985	Beyond a morphological paradox: complicated phylogenetic relationships of the parrotbills (Paradoxornithidae, Aves). <b>2011</b> , 61, 192-202	18
1984	Structural-based analysis of dihydrofolate reductase evolution. <b>2011</b> , 61, 212-30	11
1983	Abundance and distribution of the highly iterated palindrome 1 (HIP1) among prokaryotes. <b>2011</b> , 1, 159-168	6
1982	Genetic characterization of <i>Protostrongylus shiozawai</i> from Japanese serows ( <i>Capricornis crispus</i> ). <b>2011</b> , 97, 1178-80	2
1981	Host race evolution in <i>Schizaphis graminum</i> (Hemiptera: Aphididae): nuclear DNA sequences. <b>2011</b> , 40, 1317-22	8
1980	Identification of a genomic reservoir for new TRIM genes in primate genomes. <b>2011</b> , 7, e1002388	80
1979	Bagaza virus in partridges and pheasants, Spain, 2010. <b>2011</b> , 17, 1498-501	55
1978	Avian coronavirus in wild aquatic birds. <b>2011</b> , 85, 12815-20	99

1977	Molecular epidemiological analysis of env and pol sequences in newly diagnosed HIV type 1-infected, untreated patients in Hungary. <b>2011</b> , 27, 1243-7	12
1976	Molecular characterization of the hepatitis B virus genotypes A/B/D: A Bayesian methods of evolutionary analysis. <b>2011</b> ,	
1975	msechBari, a new MITE-like element in <i>Drosophila sechellia</i> related to the Bari transposon. <b>2011</b> , 93, 381-5	7
1974	Systematic error in seed plant phylogenomics. <b>2011</b> , 3, 1340-8	89
1973	Matrix-assisted laser desorption ionization (MALDI)-time of flight mass spectrometry- and MALDI biotyper-based identification of cultured biphenyl-metabolizing bacteria from contaminated horseradish rhizosphere soil. <b>2011</b> , 77, 6858-66	61
1972	Organization and evolution of the cotG and cotH genes of <i>Bacillus subtilis</i> . <b>2011</b> , 193, 6664-73	15
1971	MicroRNA-9: functional evolution of a conserved small regulatory RNA. <b>2011</b> , 8, 557-64	124
1970	Sex determination in the first-described sexual fungus. <b>2011</b> , 10, 1485-91	28
1969	POD1 regulates pollen tube guidance in response to micropylar female signaling and acts in early embryo patterning in <i>Arabidopsis</i> . <b>2011</b> , 23, 3288-302	58
1968	Genetic divergence and classification of non-structural protein 1 among porcine rotaviruses of species B. <b>2011</b> , 92, 2922-2929	12
1967	Gouleako virus isolated from West African mosquitoes constitutes a proposed novel genus in the family Bunyaviridae. <b>2011</b> , 85, 9227-34	76
1966	The left half of the XMRV retrovirus is present in an endogenous retrovirus of NIH/3T3 Swiss mouse cells. <b>2011</b> , 85, 9247-8	16
1965	Dynamics of microbial community structure of and enhanced biological phosphorus removal by aerobic granules cultivated on propionate or acetate. <b>2011</b> , 77, 8041-51	69
1964	Characterization of <i>Oncidium 'Gower Ramsey'</i> transcriptomes using 454 GS-FLX pyrosequencing and their application to the identification of genes associated with flowering time. <b>2011</b> , 52, 1532-45	44
1963	Evolution and taxonomic classification of human papillomavirus 16 (HPV16)-related variant genomes: HPV31, HPV33, HPV35, HPV52, HPV58 and HPV67. <b>2011</b> , 6, e20183	113
1962	Functional diversification of fungal glutathione transferases from the ure2p class. <b>2011</b> , 2011, 938308	18
1961	Variable prevalence and functional diversity of the antiretroviral restriction factor TRIMCyp in <i>Macaca fascicularis</i> . <b>2011</b> , 85, 9956-63	32
1960	The puzzle of DNA sequences of Phytoseiidae (Acari:Mesostigmata) in the public GenBank database. <b>2011</b> , 25, 389	16

1959	Genes, morphology, development and photosynthetic ability support the resurrection of <i>Elysia cornigera</i> (Heterobranchia:Plakobranchoidea) as distinct from the 'solar-powered' sea slug, <i>E. timida</i> . <b>2011</b> , 25, 477	15
1958	Fimbrial profiles predict virulence of uropathogenic <i>Escherichia coli</i> strains: contribution of <i>ygi</i> and <i>yad</i> fimbriae. <b>2011</b> , 79, 4753-63	107
1957	Identification of an antibody-binding epitope on the rotavirus A non-structural protein NSP2 using phage display analysis. <b>2011</b> , 92, 2374-2382	9
1956	PoPoolation2: identifying differentiation between populations using sequencing of pooled DNA samples (Pool-Seq). <b>2011</b> , 27, 3435-6	474
1955	Exome sequencing and analysis of induced pluripotent stem cells identify the cilia-related gene male germ cell-associated kinase (MAK) as a cause of retinitis pigmentosa. <b>2011</b> , 108, E569-76	163
1954	D1/D2 domain of large-subunit ribosomal DNA for differentiation of <i>Orpinomyces</i> spp. <b>2011</b> , 77, 6722-5	53
1953	Reduction of quinones and phenoxy radicals by extracellular glucose dehydrogenase from <i>Glomerella cingulata</i> suggests a role in plant pathogenicity. <b>2011</b> , 157, 3203-3212	36
1952	TP53 Mutations and HBX Status Analysis in Hepatocellular Carcinomas from Iran: Evidence for Lack of Association between HBV Genotype D and TP53 R249S Mutations. <b>2011</b> , 2011, 475965	4
1951	Genetic variation of the Nile soft-shelled turtle ( <i>Trionyx triunguis</i> ). <b>2011</b> , 12, 6418-31	7
1950	First report of <i>Xiphinema brevicolle</i> Lordello et Costa, 1961 (Nematoda, Longidoridae) in Japan. <b>2011</b> , 21-40	14
1949	<i>Brachypodium distachyon</i> as a new model system for understanding iron homeostasis in grasses: phylogenetic and expression analysis of Yellow Stripe-Like (YSL) transporters. <b>2011</b> , 108, 821-33	40
1948	Characterization of <i>Vibrio cholerae</i> O1 El Tor biotype variant clinical isolates from Bangladesh and Haiti, including a molecular genetic analysis of virulence genes. <b>2011</b> , 49, 3739-49	88
1947	<i>Longidorus carniolensis</i> sp. n. (Nematoda, Longidoridae) from vineyard soil in Slovenia. <b>2011</b> , 1-27	4
1946	Molecular investigations of a locally acquired case of melioidosis in Southern AZ, USA. <b>2011</b> , 5, e1347	18
1945	Characterization of a canine homolog of human Aichivirus. <b>2011</b> , 85, 11520-5	72
1944	Lycopene cyclase paralog CruP protects against reactive oxygen species in oxygenic photosynthetic organisms. <b>2012</b> , 109, E1888-97	23
1943	Genome reduction and co-evolution between the primary and secondary bacterial symbionts of psyllids. <i>Molecular Biology and Evolution</i> , <b>2012</b> , 29, 3781-92	8.3 118
1942	Phylogenetic and gene trees of <i>Synechococcus</i> : choice of the right marker to evaluate the population diversity in the Tucuruí Hydroelectric Power Station Reservoir in Brazilian Amazonia. <b>2012</b> , 34, 245-257	12



1941	Analysis of Diversity in <i>Pythium aphanidermatum</i> Populations from a Single Greenhouse Reveals Phenotypic and Genotypic Changes over 2006 to 2011. <b>2012</b> , 96, 852-858	33
1940	In silico characterization of histidine Acid phytase sequences. <b>2012</b> , 2012, 845465	12
1939	A unique alkaline pH-regulated and fatty acid-activated tandem pore domain potassium channel (K <sub>B</sub> ) from a marine sponge. <b>2012</b> , 215, 2435-44	9
1938	Evaluation of the role of functional constraints on the integrity of an ultraconserved region in the genus <i>Drosophila</i> . <b>2012</b> , 8, e1002475	13
1937	Genome, functional gene annotation, and nuclear transformation of the heterokont oleaginous alga <i>Nannochloropsis oceanica</i> CCMP1779. <b>2012</b> , 8, e1003064	306
1936	NANOGP8: evolution of a human-specific retro-oncogene. <b>2012</b> , 2, 1447-57	20
1935	Genetic diversity characterization of porcine reproductive and respiratory syndrome virus isolates in Romania, based on phylogenetic analysis. <b>2012</b> , 13, 12046-61	6
1934	Analysis of sequence polymorphism and population structure of tomato chlorotic dwarf viroid and potato spindle tuber viroid in viroid-infected tomato plants. <b>2012</b> , 4, 940-53	8
1933	Low-copy nuclear primers and ycf1 primers in Cactaceae. <b>2012</b> , 99, e405-7	8
1932	Evolution of the land plant exocyst complexes. <b>2012</b> , 3, 159	93
1931	Selaginella moellendorffii telomeres: conserved and unique features in an ancient land plant lineage. <b>2012</b> , 3, 161	7
1930	Molecular identification of chronic bee paralysis virus infection in <i>Apis mellifera</i> colonies in Japan. <b>2012</b> , 4, 1093-103	14
1929	Dengue Virus Serotype 2 (DEN-2): the Causative Agent of 2011-Dengue Epidemic in Pakistan. <b>2012</b> , 307-315	11
1928	Hepatitis C viral heterogeneity based on core gene and an attempt to design small interfering RNA against strains resistant to interferon in rawalpindi, pakistan. <b>2012</b> , 12, 398-407	3
1927	Recent loss of self-incompatibility by degradation of the male component in allotetraploid <i>Arabidopsis kamchatica</i> . <b>2012</b> , 8, e1002838	52
1926	The genome of <i>Mycobacterium africanum</i> West African 2 reveals a lineage-specific locus and genome erosion common to the <i>M. tuberculosis</i> complex. <b>2012</b> , 6, e1552	58
1925	Gene conversion occurs within the mating-type locus of <i>Cryptococcus neoformans</i> during sexual reproduction. <b>2012</b> , 8, e1002810	41
1924	Multiple mitochondrial introgression events and heteroplasmy in <i>trypanosoma cruzi</i> revealed by maxicircle MLST and next generation sequencing. <b>2012</b> , 6, e1584	87

1923	Biometrical, Biochemical, and Molecular Diagnosis of Portuguese <i>Meloidogyne hispanica</i> Isolates. <b>2012</b> , 96, 865-874	23
1922	A window into domain amplification through Piccolo in teleost fish. <b>2012</b> , 2, 1325-39	4
1921	Intraspecific karyotypic polymorphism is highly concordant with allozyme variation in <i>Lysimachia mauritiana</i> (Primulaceae: Myrsinoideae) in Taiwan: implications for the colonization history and dispersal patterns of coastal plants. <b>2012</b> , 110, 1119-35	12
1920	<i>Escherichia coli</i> isolates that carry <i>vat</i> , <i>fyuA</i> , <i>chuA</i> , and <i>yfcV</i> efficiently colonize the urinary tract. <b>2012</b> , 80, 4115-22	115
1919	Noninvasive follow-up of simian immunodeficiency virus infection in wild-living nonhabituated western lowland gorillas in Cameroon. <b>2012</b> , 86, 9760-72	24
1918	Complete genome sequence of a recombinant coxsackievirus B4 from a patient with a fatal case of hand, foot, and mouth disease in Guangxi, China. <b>2012</b> , 86, 10901-2	12
1917	Characterization of catalase from psychrotolerant <i>Psychrobacter piscatorii</i> T-3 exhibiting high catalase activity. <b>2012</b> , 13, 1733-46	13
1916	A new species of <i>Orobdella</i> (Hirudinida, Arhynchobdellida, Gastrostomobdellidae) and redescription of <i>Orobdella kawakatsuorum</i> from Hokkaido, Japan with the phylogenetic position of the new species. <b>2012</b> , 9-30	30
1915	Euryhaline pufferfish NBCe1 differs from nonmarine species NBCe1 physiology. <b>2012</b> , 302, C1083-95	21
1914	Rice phospholipase A superfamily: organization, phylogenetic and expression analysis during abiotic stresses and development. <b>2012</b> , 7, e30947	49
1913	Repeated evolution of identical domain architecture in metazoan netrin domain-containing proteins. <b>2012</b> , 4, 883-99	18
1912	Genome sequence of a waterfowl aviadenovirus, goose adenovirus 4. <b>2012</b> , 93, 2457-2465	31
1911	A galacturonic acid-containing xyloglucan is involved in <i>Arabidopsis</i> root hair tip growth. <b>2012</b> , 24, 4511-24	72
1910	The genomes of the fungal plant pathogens <i>Cladosporium fulvum</i> and <i>Dothistroma septosporum</i> reveal adaptation to different hosts and lifestyles but also signatures of common ancestry. <b>2012</b> , 8, e1003088	189
1909	An atypical bHLH protein encoded by POSITIVE REGULATOR OF GRAIN LENGTH 2 is involved in controlling grain length and weight of rice through interaction with a typical bHLH protein APG. <b>2012</b> , 62, 133-41	57
1908	Vasa-Like DEAD-Box RNA Helicases of <i>Schistosoma mansoni</i> . <b>2012</b> , 6, e1686	22
1907	Phytoplankton responses to human impacts at different scales. <b>2012</b> ,	1
1906	The first report of <i>Vulcanodinium rugosum</i> (Dinophyceae) from the South China Sea with a focus on the life cycle. <b>2012</b> , 46, 511-521	27

1905	Large variations in bacterial ribosomal RNA genes. <i>Molecular Biology and Evolution</i> , <b>2012</b> , 29, 2937-48	8.3	28
1904	Novel L-cysteine-dependent maleylpyruvate isomerase in the gentisate pathway of <i>Paenibacillus</i> sp. strain NyZ101. <b>2012</b> , 194, 3987-94		21
1903	Characterization of an acetyltransferase that detoxifies aromatic chemicals in <i>Legionella pneumophila</i> . <b>2012</b> , 445, 219-28		12
1902	First molecular data on the Western Australian <i>Diacyclops</i> (Copepoda, Cyclopoida) confirm morpho-species but question size differentiation and monophyly of the <i>Alticola</i> -group. <b>2012</b> , 85, 1549-1569		12
1901	G protein activation without a GEF in the plant kingdom. <b>2012</b> , 8, e1002756		94
1900	Silent circulation of St. Louis encephalitis virus prior to an encephalitis outbreak in Cordoba, Argentina (2005). <b>2012</b> , 6, e1489		26
1899	Molecular inferences suggest multiple host shifts of rabies viruses from bats to mesocarnivores in Arizona during 2001-2009. <b>2012</b> , 8, e1002786		117
1898	Genetic characterization of <i>Genista sericea</i> Wulfen (Cytiseae Fabaceae) as revealed by nuclear DNA content and its nrDNA region analysis. <b>2012</b> , 71, 195-205		1
1897	Comparative evolution of S7 Intron 1 and ribosomal internal transcribed spacer in <i>Coilia nasus</i> (Clupeiformes: Engraulidae). <b>2012</b> , 13, 3085-100		12
1896	Effects of inflorescence stem structure and cell wall components on the mechanical strength of inflorescence stem in herbaceous peony. <b>2012</b> , 13, 4993-5009		14
1895	Genome-wide identification and in silico analysis of poplar peptide deformylases. <b>2012</b> , 13, 5112-24		4
1894	The <i>Opuntia streptacantha</i> OpsHSP18 gene confers salt and osmotic stress tolerance in <i>Arabidopsis thaliana</i> . <b>2012</b> , 13, 10154-75		12
1893	Characterization of quorum sensing and quorum quenching soil bacteria isolated from Malaysian tropical montane forest. <b>2012</b> , 12, 4846-59		52
1892	Description of a new species of coral-inhabiting barnacle, <i>Darwiniella angularis</i> sp. n. (Cirripedia, Pyrgomatidae) from Taiwan. <b>2012</b> , 43-74		19
1891	Revision of the freshwater genus <i>Atyaephyra</i> (Crustacea, Decapoda, Atyidae) based on morphological and molecular data. <b>2012</b> , 53-110		28
1890	Discovery of a modified tetrapolar sexual cycle in <i>Cryptococcus amylolentus</i> and the evolution of MAT in the <i>Cryptococcus</i> species complex. <b>2012</b> , 8, e1002528		48
1889	Epidemiology of tick-borne borreliosis in Morocco. <b>2012</b> , 6, e1810		36
1888	Analysis of the Genetic Diversity of Natural Populations of <i>Alpinia oxyphylla</i> Miquel Using Inter-Simple Sequence Repeat Markers. <b>2012</b> , 52, 1767-1775		20

1887	Comparative genomics of Korean infectious bronchitis viruses (IBVs) and an animal model to evaluate pathogenicity of IBVs to the reproductive organs. <b>2012</b> , 4, 2670-83		15
1886	A review of the North American genus <i>Epimartyria</i> (Lepidoptera, Micropterigidae) with a discussion of the larval plastron. <b>2012</b> , 37-83		12
1885	Involvement of disperse repetitive sequences in wheat/rye genome adjustment. <b>2012</b> , 13, 8549-61		3
1884	Report on iridovirus IIV-31 (Iridoviridae, Iridovirus) infecting terrestrial isopods (Isopoda, Oniscidea) in Japan. <b>2012</b> , 85, 1269-1278		8
1883	Statistics and truth in phylogenomics. <i>Molecular Biology and Evolution</i> , <b>2012</b> , 29, 457-72	8.3	174
1882	Plastoquinone-9 biosynthesis in cyanobacteria differs from that in plants and involves a novel 4-hydroxybenzoate solanesyltransferase. <b>2012</b> , 442, 621-9		17
1881	A urea channel from <i>Bacillus cereus</i> reveals a novel hexameric structure. <b>2012</b> , 445, 157-66		8
1880	PGDSpider: an automated data conversion tool for connecting population genetics and genomics programs. <b>2012</b> , 28, 298-9		647
1879	The Estonian H1N1 influenza 2009 outbreak was highly underestimated. <b>2012</b> , 61, 320		
1878	Contrasted patterns of molecular evolution in dominant and recessive self-incompatibility haplotypes in <i>Arabidopsis</i> . <b>2012</b> , 8, e1002495		52
1877	Multilocus sequence typing scheme for the characterization of 936-like phages infecting <i>Lactococcus lactis</i> . <b>2012</b> , 78, 4646-53		17
1876	Description and DNA barcoding of <i>Tipula</i> ( <i>Pterelachisus</i> ) <i>recondita</i> sp. n. from the Palaearctic region (Diptera, Tipulidae). <b>2012</b> , 51-65		12
1875	Combination of immune and viral factors distinguishes low-risk versus high-risk HIV-1 disease progression in HLA-B*5701 subjects. <b>2012</b> , 86, 9802-16		19
1874	Multilocus sequence typing as a replacement for serotyping in <i>Salmonella enterica</i> . <b>2012</b> , 8, e1002776		412
1873	Evolution of a membrane protein regulon in <i>Saccharomyces</i> . <i>Molecular Biology and Evolution</i> , <b>2012</b> , 29, 1747-56	8.3	17
1872	Intraspecific diversity in <i>Sinningia speciosa</i> (Gesneriaceae: Sinningieae), and possible origins of the cultivated florist's gloxinia. <b>2012</b> , 2012, pls039		5
1871	Toward a comprehensive phylogenetic reconstruction of the evolutionary history of mitogen-activated protein kinases in the plant kingdom. <b>2012</b> , 3, 271		26
1870	A new golden frog species of the genus <i>Diasporus</i> (Amphibia, Eleutherodactylidae) from the Cordillera Central, western Panama. <b>2012</b> , 23-46		14

1869	Morphological and molecular taxonomy of <i>Nidularia balachowskii</i> Bodenheimer (Hemiptera, Coccoidea, Kermesidae) with notes on its life history in Israel. <b>2012</b> , 23-45	1
1868	The role of genetics in chronic wasting disease of North American cervids. <b>2012</b> , 6, 153-62	79
1867	TP53 R249S mutation, genetic variations in HBX and risk of hepatocellular carcinoma in The Gambia. <b>2012</b> , 33, 1219-24	33
1866	<i>Tetrahymena thermophila</i> JMJD3 homolog regulates H3K27 methylation and nuclear differentiation. <b>2012</b> , 11, 601-14	17
1865	Heterotrimeric G-protein signaling is critical to pathogenic processes in <i>Entamoeba histolytica</i> . <b>2012</b> , 8, e1003040	20
1864	Molecular characterization of some strains of Newcastle disease virus isolated in Province of Vojvodina, Republic of Serbia. <b>2012</b> , 62, 365-374	
1863	First report of Cowpea mild mottle Carlavirus on yardlong bean ( <i>Vigna unguiculata</i> subsp. <i>sesquipedalis</i> ) in Venezuela. <b>2012</b> , 4, 3804-11	12
1862	The plastid genome of the mycoheterotrophic <i>Corallorhiza striata</i> (Orchidaceae) is in the relatively early stages of degradation. <b>2012</b> , 99, 1513-23	105
1861	Three species of Amphicorina (Annelida, Sabellida, Sabellidae) from Japan, with descriptions of two new species. <b>2012</b> , 45-62	2
1860	Phylogenomic and domain analysis of iterative polyketide synthases in <i>Aspergillus</i> species. <b>2012</b> , 8, 373-87	8
1859	Description of a new Malagasy treefrog ( <i>Boophis</i> ) occurring syntopically with its sister species, and a plea for studies on non-allopatric speciation in tropical amphibians. <b>2012</b> , 33, 503-520	12
1858	A molecular phylogeny of the eastern group of ocellated lizard genus <i>Timon</i> (Sauria: Lacertidae) based on mitochondrial and nuclear DNA sequences. <b>2012</b> , 33, 1-10	25
1857	Computer-based annotation of putative AraC/XylS-family transcription factors of known structure but unknown function. <b>2012</b> , 2012, 103132	11
1856	Species diversity of <i>Fergusonina</i> Malloch gall flies (Diptera: Fergusoninidae) forming leaf bud galls on snow gum ( <i>Eucalyptus pauciflora</i> Sieb. ex Spreng. complex), with a description of a new species from Tasmania. <b>2012</b> , 43, 147-160	4
1855	Isolation, Molecular Characterization, and Mapping of Four Rose MLO Orthologs. <b>2012</b> , 3, 244	22
1854	The Structural Characteristics and Function Analysis of the Mobile Genomic Islands Flanked by Isocitrate Dehydrogenase Genes in <i>Escherichia coli</i> and <i>Salmonella enterica</i> . <b>2012</b> , 482-484, 2218-2222	
1853	ACPS (Uteroferrin): phylogeny of an ancient and conserved gene expressed in the endometrium of mammals. <b>2012</b> , 86, 123	14
1852	Evolution and Structural Diversification of PILS Putative Auxin Carriers in Plants. <b>2012</b> , 3, 227	60

1851	Shared Ancestry of Symbionts? Sagrinae and Donaciinae (Coleoptera, Chrysomelidae) Harbor Similar Bacteria. <b>2012</b> , 3, 473-91	9
1850	Diversity and adaptation of human respiratory syncytial virus genotypes circulating in two distinct communities: public hospital and day care center. <b>2012</b> , 4, 2432-47	7
1849	Construction of a high titer infectious HIV-1 subtype C proviral clone from South Africa. <b>2012</b> , 4, 1830-43	2
1848	Structural conservation of an ancient tRNA sensor in eukaryotic glutaminyl-tRNA synthetase. <b>2012</b> , 40, 3723-31	13
1847	<i>Plantactinospora endophytica</i> sp. nov., an actinomycete isolated from <i>Camptotheca acuminata</i> Decne., reclassification of <i>Actinaurispora siamensis</i> as <i>Plantactinospora siamensis</i> comb. nov. and emended descriptions of the genus <i>Plantactinospora</i> and <i>Plantactinospora mayteni</i> . <b>2012</b> , 62, 2435-2442	16
1846	<i>Candidatus Bartonella merieuxii</i> , a potential new zoonotic <i>Bartonella</i> species in canids from Iraq. <b>2012</b> , 6, e1843	33
1845	CRISPR/cas loci of type II <i>Propionibacterium acnes</i> confer immunity against acquisition of mobile elements present in type I <i>P. acnes</i> . <b>2012</b> , 7, e34171	48
1844	Evolution of the Heme Peroxidases of Culicidae (Diptera). <b>2012</b> , 2012, 1-6	3
1843	Genome-wide analysis of mir-548 gene family reveals evolutionary and functional implications. <b>2012</b> , 2012, 679563	60
1842	Development and application of qRT-PCR for sugar beet gene expression analysis in response to in vitro induced water deficit. <b>2012</b> , 15,	4
1841	Circulation and phylogenetic relationship of chicken and turkey-origin astroviruses detected in domestic ducks ( <i>Anas platyrhynchos domesticus</i> ). <b>2012</b> , 41, 555-62	21
1840	A species-specific cluster of defensin-like genes encodes diffusible pollen tube attractants in <i>Arabidopsis</i> . <b>2012</b> , 10, e1001449	191
1839	Reestablishment of <i>Notopygos megalops</i> McIntosh, description of <i>N. caribea</i> sp. n. from the Greater Caribbean and barcoding of "amphiamerican" <i>Notopygos</i> species (Annelida, Amphinomidae). <b>2012</b> , 69-84	9
1838	Identification and characterization of orthologs of AtNHX5 and AtNHX6 in <i>Brassica napus</i> . <b>2012</b> , 3, 208	8
1837	Evolutionary and structural perspectives of plant cyclic nucleotide-gated cation channels. <b>2012</b> , 3, 95	92
1836	Diversities in virulence, antifungal activity, pigmentation and DNA fingerprint among strains of <i>Burkholderia glumae</i> . <b>2012</b> , 7, e45376	39
1835	Autochthonous and dormant <i>Cryptococcus gattii</i> infections in Europe. <b>2012</b> , 18, 1618-24	110
1834	Two new rapid SNP-typing methods for classifying <i>Mycobacterium tuberculosis</i> complex into the main phylogenetic lineages. <b>2012</b> , 7, e41253	100

1833	Exploring neutral and adaptive processes in expanding populations of gilthead sea bream, <i>Sparus aurata</i> L., in the North-East Atlantic. <b>2012</b> , 108, 537-46		29
1832	Genetic relatedness of infecting and reinfecting respiratory syncytial virus strains identified in a birth cohort from rural Kenya. <b>2012</b> , 206, 1532-41		60
1831	Influence of seasonality on the genetic diversity of <i>Vibrio parahaemolyticus</i> in New Hampshire shellfish waters as determined by multilocus sequence analysis. <b>2012</b> , 78, 3778-82		27
1830	IBI series winner. Engaging students in molecular biology via case-based learning. <b>2012</b> , 337, 426-7		1
1829	Extreme conservation and non-neutral evolution of the <i>cpmA</i> Circadian locus in a globally distributed <i>Chroococcidiopsis</i> sp. from naturally stressful habitats. <i>Molecular Biology and Evolution</i> , <b>2012</b> , 29, 3899-907	8.3	6
1828	Annotation of the modular polyketide synthase and nonribosomal peptide synthetase gene clusters in the genome of <i>Streptomyces tsukubaensis</i> NRRL18488. <b>2012</b> , 78, 8183-90		14
1827	Complete genome sequence analysis of a natural reassortant infectious bursal disease virus in China. <b>2012</b> , 86, 11942-3		17
1826	Trade-off between selection for dosage compensation and masculinization on the avian Z chromosome. <b>2012</b> , 192, 1433-45		57
1825	Evolution of bioluminescence in marine planktonic copepods. <i>Molecular Biology and Evolution</i> , <b>2012</b> , 29, 1669-81	8.3	37
1824	Novel serotypes 105 and 116 are members of distinct subgroups of human enterovirus C. <b>2012</b> , 93, 2357-2362		39
1823	ITS rDNA data confirm a delimitation of <i>Bacidina arnoldiana</i> and <i>B. sulphurella</i> and support a description of a new species within the genus <i>Bacidina</i> . <b>2012</b> , 44, 743-755		11
1822	Microsatellite markers reveal promising genetic diversity and seed trait associations in common bean landraces ( <i>Phaseolus vulgaris</i> L.) from Nicaragua. <b>2012</b> , 10, 108-118		6
1821	Evolution of the hepatitis E virus polyproline region: order from disorder. <b>2012</b> , 86, 10186-93		22
1820	An indel polymorphism in the hybrid incompatibility gene lethal hybrid rescue of <i>Drosophila</i> is functionally relevant. <b>2012</b> , 192, 683-91		5
1819	Genomic sequences of Australian bluetongue virus prototype serotypes reveal global relationships and possible routes of entry into Australia. <b>2012</b> , 86, 6724-31		48
1818	G protein-coupled receptor-type G proteins are required for light-dependent seedling growth and fertility in <i>Arabidopsis</i> . <b>2012</b> , 24, 3649-68		35
1817	Overexpression of <i>ShCYP51B</i> and <i>ShatrD</i> in <i>Sclerotinia homoeocarpa</i> isolates exhibiting practical field resistance to a demethylation inhibitor fungicide. <b>2012</b> , 78, 6674-82		51
1816	Molecular identification and antifungal susceptibility testing of clinical isolates of the <i>Candida rugosa</i> species complex and proposal of the new species <i>Candida neorugosa</i> . <b>2012</b> , 50, 2397-403		24

1815	Loss of MHC and neutral variation in Peary caribou: genetic drift is not mitigated by balancing selection or exacerbated by MHC allele distributions. <b>2012</b> , 7, e36748	21
1814	Wide variation in antibiotic resistance proteins identified by functional metagenomic screening of a soil DNA library. <b>2012</b> , 78, 1708-14	49
1813	Two closely related novel picornaviruses in cattle and sheep in Hungary from 2008 to 2009, proposed as members of a new genus in the family Picornaviridae. <b>2012</b> , 86, 13295-302	30
1812	Sequence and expression of per, tim1, and cry2 genes in the Madeira cockroach <i>Rhyarobia maderae</i> . <b>2012</b> , 27, 453-66	16
1811	Complete genome sequence of a novel human enterovirus C (HEV-C117) identified in a child with community-acquired pneumonia. <b>2012</b> , 86, 10888-9	22
1810	Detection of mosquito-only flaviviruses in Europe. <b>2012</b> , 93, 1215-1225	57
1809	Whole-genomic analysis of a human G1P[9] rotavirus strain reveals intergenogroup-reassortment events. <b>2012</b> , 93, 1700-1705	8
1808	Analysis of keystone enzyme in Agar hydrolysis provides insight into the degradation (of a polysaccharide from) red seaweeds. <b>2012</b> , 287, 13985-95	65
1807	<i>Candida amazonensis</i> sp. nov., an ascomycetous yeast isolated from rotting wood in the Amazonian forest. <b>2012</b> , 62, 1438-1440	15
1806	Evolution of Bradyrhizobium-Aeschynomene mutualism: living testimony of the ancient world or highly evolved state?. <b>2012</b> , 53, 2000-7	22
1805	Molecular characterization of human enteroviruses in the Central African Republic: uncovering wide diversity and identification of a new human enterovirus A71 genogroup. <b>2012</b> , 50, 1650-8	63
1804	Transcriptional response of the sulfur chemolithoautotroph <i>Thiomicrospira crunogena</i> to dissolved inorganic carbon limitation. <b>2012</b> , 194, 2074-81	9
1803	OnpA, an unusual flavin-dependent monooxygenase containing a cytochrome b(5) domain. <b>2012</b> , 194, 1342-9	6
1802	Evidence of inter-component recombination, intra-component recombination and reassortment in banana bunchy top virus. <b>2012</b> , 93, 1103-1119	33
1801	Conserved and diversified gene families of monovalent cation/h(+) antiporters from algae to flowering plants. <b>2012</b> , 3, 25	151
1800	Whole-genome shotgun sequence of <i>Rhodococcus</i> species strain JVH1. <b>2012</b> , 194, 5492-3	7
1799	Molecular basis for phosphospecific recognition of histone H3 tails by Survivin paralogues at inner centromeres. <b>2012</b> , 23, 1457-66	43
1798	The Sg-1 glycosyltransferase locus regulates structural diversity of triterpenoid saponins of soybean. <b>2012</b> , 24, 2123-38	80



1797	Transcriptomes of mouse olfactory epithelium reveal sexual differences in odorant detection. <b>2012</b> , 4, 703-12	34
1796	Analysis of the excretion dynamics and genotypic characteristics of rotavirus A during the lives of pigs raised on farms for meat production. <b>2012</b> , 50, 2009-17	14
1795	Delineation of <i>Streptococcus dysgalactiae</i> , its subspecies, and its clinical and phylogenetic relationship to <i>Streptococcus pyogenes</i> . <b>2012</b> , 50, 113-26	71
1794	First reported cases of rabies in the Republic of Macedonia. <b>2012</b> , 170, 312	14
1793	Multilocus sequence analysis of isolates of <i>Achromobacter</i> from patients with cystic fibrosis reveals infecting species other than <i>Achromobacter xylosoxidans</i> . <b>2012</b> , 50, 2688-94	56
1792	Virome analysis for identification of novel mammalian viruses in bat species from Chinese provinces. <b>2012</b> , 86, 10999-1012	199
1791	Heterotrophic archaea contribute to carbon cycling in low-pH, suboxic biofilm communities. <b>2012</b> , 78, 8321-30	48
1790	Complete genome sequence analysis of a recent chicken anemia virus isolate and comparison with a chicken anemia virus isolate from human fecal samples in China. <b>2012</b> , 86, 10896-7	13
1789	Isolation and characterization of a novel recombinant human adenovirus species D. <b>2012</b> , 61, 1097-1102	9
1788	Evidence for population-specific positive selection on immune genes of <i>Anopheles gambiae</i> . <b>2012</b> , 2, 1505-19	16
1787	Divergent host-plant use promotes reproductive isolation among cynipid gall wasp populations. <b>2012</b> , 8, 605-8	21
1786	Positive selection at the ASPM gene coincides with brain size enlargements in cetaceans. <b>2012</b> , 279, 4433-40	22
1785	Simian genogroup I picobirnaviruses: prevalence, genetic diversity, and zoonotic potential. <b>2012</b> , 50, 2779-82	18
1784	<i>Pleurostomophora ochracea</i> , a novel agent of human eumycetoma with yellow grains. <b>2012</b> , 50, 2987-94	29
1783	Carriage of <i>Neisseria lactamica</i> in 1- to 29-year-old people in Burkina Faso: epidemiology and molecular characterization. <b>2012</b> , 50, 4020-7	19
1782	Satellite DNA-like elements associated with genes within euchromatin of the beetle <i>Tribolium castaneum</i> . <b>2012</b> , 2, 931-41	35
1781	Distinctive Epstein-Barr virus variants associated with benign and malignant pediatric pathologies: LMP1 sequence characterization and linkage with other viral gene polymorphisms. <b>2012</b> , 50, 609-18	15
1780	Directional evolution of <i>Chlamydia trachomatis</i> towards niche-specific adaptation. <b>2012</b> , 194, 6143-53	35

1779	King penguin population on Macquarie Island recovers ancient DNA diversity after heavy exploitation in historic times. <b>2012</b> , 8, 586-9	9
1778	<i>Vibrio alfacensis</i> sp. nov., isolated from marine organisms. <b>2012</b> , 62, 2955-2961	12
1777	The WIF domain of the human and <i>Drosophila</i> Wif-1 secreted factors confers specificity for Wnt or Hedgehog. <b>2012</b> , 139, 3849-58	14
1776	Adaptive immunity restricts replication of novel murine astroviruses. <b>2012</b> , 86, 12262-70	55
1775	The core of chloroplast nucleoids contains architectural SWIB domain proteins. <b>2012</b> , 24, 3060-73	50
1774	Recent transmission of a novel alphacoronavirus, bat coronavirus HKU10, from Leschenault's rousettes to pomona leaf-nosed bats: first evidence of interspecies transmission of coronavirus between bats of different suborders. <b>2012</b> , 86, 11906-18	69
1773	<i>Lactobacillus nasuensis</i> sp. nov., a lactic acid bacterium isolated from silage, and emended description of the genus <i>Lactobacillus</i> . <b>2012</b> , 62, 1140-1144	35
1772	Receptor-binding profiles of H7 subtype influenza viruses in different host species. <b>2012</b> , 86, 4370-9	74
1771	<i>Pseudomonas zeshuui</i> sp. nov., isolated from herbicide-contaminated soil. <b>2012</b> , 62, 2608-2612	11
1770	Dynamic transcriptional regulation of autocrine/paracrine igfbp1, 2, 3, 4, 5, and 6 in the skeletal muscle of the fine flounder during different nutritional statuses. <b>2012</b> , 214, 95-108	47
1769	Universal pattern and diverse strengths of successive synonymous codon bias in three domains of life, particularly among prokaryotic genomes. <b>2012</b> , 19, 477-85	12
1768	Complete genome sequence of a novel porcine enterovirus strain in China. <b>2012</b> , 86, 7008-9	15
1767	Diversity of the <i>Cronobacter</i> genus as revealed by multilocus sequence typing. <b>2012</b> , 50, 3031-9	134
1766	Movement of DNA sequence recognition domains between non-orthologous proteins. <b>2012</b> , 40, 9218-32	26
1765	Epitope peptides of influenza H3N2 virus neuraminidase gene designed by immunoinformatics. <b>2012</b> , 44, 113-8	6
1764	Misexpression of a chloroplast aspartyl protease leads to severe growth defects and alters carbohydrate metabolism in <i>Arabidopsis</i> . <b>2012</b> , 160, 1237-50	26
1763	Migration of the swine influenza virus Ecluster hemagglutinin N-linked glycosylation site from N142 to N144 results in loss of antibody cross-reactivity. <b>2012</b> , 19, 1457-64	10
1762	Structural and functional characterization of VanG D-Ala:D-Ser ligase associated with vancomycin resistance in <i>Enterococcus faecalis</i> . <b>2012</b> , 287, 37583-92	14

1761	Microbial degradation of 2,4-dichlorophenoxyacetic acid on the Greenland ice sheet. <b>2012</b> , 78, 5070-6	28
1760	Type-I prenyl protease function is required in the male germline of <i>Drosophila melanogaster</i> . <b>2012</b> , 2, 629-42	3
1759	Navigating the tip of the genomic iceberg: Next-generation sequencing for plant systematics. <b>2012</b> , 99, 349-64	386
1758	Molecular epidemiologic analysis and antimicrobial resistance of <i>Helicobacter cinaedi</i> isolated from seven hospitals in Japan. <b>2012</b> , 50, 2553-60	29
1757	Complete genome and clinicopathological characterization of a virulent Newcastle disease virus isolate from South America. <b>2012</b> , 50, 378-87	59
1756	Evolution of limpet assemblages driven by environmental changes and harvesting in North Iberia. <b>2012</b> , 466, 121-131	12
1755	Multiplex assay for species identification and monitoring of insecticide resistance in <i>Anopheles punctulatus</i> group populations of Papua New Guinea. <b>2012</b> , 86, 140-51	14
1754	Cloning and functional analysis of the genes coding for 4-aminobenzenesulfonate 3,4-dioxygenase from <i>Hydrogenophaga</i> sp. PBC. <b>2012</b> , 158, 1933-1941	10
1753	Patterns of repeat-induced point mutation in transposable elements of basidiomycete fungi. <b>2012</b> , 4, 240-7	49
1752	Diversity and Biological Activities of Endophytic Fungi Associated with Micropropagated Medicinal Plant <i>Echinacea purpurea</i> (L.) Moench. <b>2012</b> , 03, 1105-1114	22
1751	Impact of oxidative stress on ascorbate biosynthesis in <i>Chlamydomonas</i> via regulation of the VTC2 gene encoding a GDP-L-galactose phosphorylase. <b>2012</b> , 287, 14234-45	80
1750	<i>Alkalitalea saponilacus</i> gen. nov., sp. nov., an obligately anaerobic, alkaliphilic, xylanolytic bacterium from a meromictic soda lake. <b>2012</b> , 62, 2618-2623	33
1749	Molecular characterization and phylogenetic analysis of dengue viruses imported into Taiwan during 2008-2010. <b>2012</b> , 87, 349-58	47
1748	Functional heterogeneity of the UpaH autotransporter protein from uropathogenic <i>Escherichia coli</i> . <b>2012</b> , 194, 5769-82	28
1747	Genomic epidemiology of the <i>Escherichia coli</i> O104:H4 outbreaks in Europe, 2011. <b>2012</b> , 109, 3065-70	204
1746	Complete molecular genome analyses of equine rotavirus A strains from different continents reveal several novel genotypes and a largely conserved genotype constellation. <b>2012</b> , 93, 866-875	48
1745	Molecular epidemiology of outbreak-associated and wild-waterfowl-derived newcastle disease virus strains in Finland, including a novel class I genotype. <b>2012</b> , 50, 3664-73	27
1744	Resolving the <i>Diplodia</i> complex on apple and other Rosaceae hosts. <b>2012</b> , 29, 29-38	46

1743	Ammonium and urea transporter inventory of the selaginella and physcomitrella genomes. <b>2012</b> , 3, 62	10
1742	Evaluation of methods for identification and determination of the taxonomic status of strains belonging to the <i>Streptococcus porcinus</i> - <i>Streptococcus pseudoporcinus</i> complex isolated from animal, human, and dairy sources. <b>2012</b> , 50, 3591-7	16
1741	Recent retrotransposon insertions are methylated and phylogenetically clustered in japonica rice ( <i>Oryza sativa</i> spp. japonica). <i>Molecular Biology and Evolution</i> , <b>2012</b> , 29, 3193-203	8.3 17
1740	Biochemical and structural characterization of the complex agarolytic enzyme system from the marine bacterium <i>Zobellia galactanivorans</i> . <b>2012</b> , 287, 30571-84	85
1739	Emergence of atypical <i>Mycoplasma agalactiae</i> strains harboring a new prophage and associated with an alpine wild ungulate mortality episode. <b>2012</b> , 78, 4659-68	23
1738	Complete genome sequence of a novel H9N2 subtype influenza virus FJG9 strain in China reveals a natural reassortant event. <b>2012</b> , 86, 10240-1	6
1737	Complete genome sequence of avian bornavirus genotype 1 from a Macaw with proventricular dilatation disease. <b>2012</b> , 86, 7023	2
1736	Genetic diversity of <i>Anopheles triannulatus</i> s.l. (Diptera: Culicidae) from northwestern and southeastern Colombia. <b>2012</b> , 87, 910-20	12
1735	The VC1777-VC1779 proteins are members of a sialic acid-specific subfamily of TRAP transporters (SiaPQM) and constitute the sole route of sialic acid uptake in the human pathogen <i>Vibrio cholerae</i> . <b>2012</b> , 158, 2158-2167	21
1734	Specific detection of naturally occurring hepatitis C virus mutants with resistance to telaprevir and boceprevir (protease inhibitors) among treatment-naïve infected individuals. <b>2012</b> , 50, 281-7	45
1733	Sequence variations in OsAGPase significantly associated with amylose content and viscosity properties in rice ( <i>Oryza sativa</i> L.). <b>2012</b> , 94, 179-89	19
1732	Co-phylogeography and morphological evolution of sika deer lice ( <i>Damalinia sika</i> ) with their hosts ( <i>Cervus nippon</i> ). <b>2012</b> , 139, 1614-29	10
1731	Assembly of an evolutionarily new pathway for ß-pyrone biosynthesis in <i>Arabidopsis</i> . <b>2012</b> , 337, 960-4	68
1730	Phylogenetic analysis of dengue virus types 1 and 4 circulating in Puerto Rico and Key West, Florida, during 2010 epidemics. <b>2012</b> , 87, 548-53	22
1729	<i>Kistimonas scapharcae</i> sp. nov., isolated from a dead ark clam ( <i>Scapharca broughtonii</i> ), and emended description of the genus <i>Kistimonas</i> . <b>2012</b> , 62, 2865-2869	13
1728	Isolation and characterization of galactinol synthases from hybrid poplar. <b>2012</b> , 63, 2059-69	31
1727	A nitrogen-regulated glutamine amidotransferase (GAT1_2.1) represses shoot branching in <i>Arabidopsis</i> . <b>2012</b> , 160, 1770-80	16
1726	A previously undescribed ostreid herpes virus 1 (OsHV-1) genotype detected in the pacific oyster, <i>Crassostrea gigas</i> , in Ireland. <b>2012</b> , 139, 1526-32	76

1725	Phylogeny of the staphylococcal major autolysin and its use in genus and species typing. <b>2012</b> , 194, 2630-6	25
1724	Themes and variations in ER/SR calcium release channels: structure and function. <b>2012</b> , 27, 331-42	19
1723	Complete genome sequence of a novel hantavirus variant of Rio Mamoré virus, Maripa virus, from French Guiana. <b>2012</b> , 86, 5399	20
1722	Population genetic structures of <i>Staphylococcus aureus</i> isolates from cats and dogs in Japan. <b>2012</b> , 50, 2152-5	19
1721	Non-ribosomal halogenated protease inhibitors from cyanobacterial isolates as attractive drug targets. <b>2012</b> , 19, 5205-13	11
1720	Acoustic niche partitioning in an anuran community inhabiting an Afromontane wetland (Butare, Rwanda). <b>2012</b> , 47, 60-73	44
1719	Natural occurrence and characterization of two internal ribosome entry site elements in a novel virus, canine picodistrovirus, in the picornavirus-like superfamily. <b>2012</b> , 86, 2797-808	58
1718	High species turnover of the ant genus <i>Solenopsis</i> (Hymenoptera : Formicidae) along an altitudinal gradient in the Ecuadorian Andes, indicated by a combined DNA sequencing and morphological approach. <b>2012</b> , 26, 457	12
1717	Pleiotropic phenotypes of the sticky peel mutant provide new insight into the role of CUTIN DEFICIENT2 in epidermal cell function in tomato. <b>2012</b> , 159, 945-60	82
1716	Ef7 encodes an ELF3-like protein and promotes rice flowering by negatively regulating the floral repressor gene <i>Ghd7</i> under both short- and long-day conditions. <b>2012</b> , 53, 717-28	84
1715	High-resolution analysis of intrahost genetic diversity in dengue virus serotype 1 infection identifies mixed infections. <b>2012</b> , 86, 835-43	46
1714	Characterization of a PDK1 homologue from the moss <i>Physcomitrella patens</i> . <b>2012</b> , 158, 1018-33	8
1713	<i>Paraconcinnum leirsi</i> n.sp. (Trematoda: Dicrocoeliidae) from rodents in Tanzania and its phylogenetic position within the dicrocoeliids. <b>2012</b> , 47, 326-331	4
1712	Rice heterotrimeric G-protein gamma subunits (RGG1 and RGG2) are differentially regulated under abiotic stress. <b>2012</b> , 7, 733-40	40
1711	The DYW-class PPR protein MEF7 is required for RNA editing at four sites in mitochondria of <i>Arabidopsis thaliana</i> . <b>2012</b> , 9, 155-61	16
1710	Comparative Genomics and Systems Biology of Malaria Parasites. <b>2012</b> , 7,	8
1709	Plastids and pathogens: mechanosensitive channels and survival in a hypoosmotic world. <b>2012</b> , 7, 668-71	10
1708	Complete genome sequence of a Newcastle disease virus strain isolated from broiler breeder flocks in China. <b>2012</b> , 86, 12461-2	5

1707	Molecular Comparisons Suggest Caribbean Crazy Ant From Florida and Rasberry Crazy Ant From Texas (Hymenoptera: Formicidae: Nylanderia) Are the Same Species. <b>2012</b> , 41, 1008-1018		6
1706	Genetic diversity within <i>Schistosoma haematobium</i> : DNA barcoding reveals two distinct groups. <b>2012</b> , 6, e1882		36
1705	Evidence for compensatory evolution of ribosomal proteins in response to rapid divergence of mitochondrial rRNA. <i>Molecular Biology and Evolution</i> , <b>2013</b> , 30, 310-4	8.3	92
1704	Bacteriophage cocktail significantly reduces <i>Escherichia coli</i> O157: H7 contamination of lettuce and beef, but does not protect against recontamination. <b>2012</b> , 2, 178-185		83
1703	Perspectives in PDK1 evolution: insights from photosynthetic and non-photosynthetic organisms. <b>2012</b> , 7, 642-9		8
1702	Fly culture collapse disorder: detection, prophylaxis and eradication of the microsporidian parasite <i>Tubulinosema ratisbonensis</i> infecting <i>Drosophila melanogaster</i> . <b>2012</b> , 6, 193-204		13
1701	<i>Alishewanella tabrizica</i> sp. nov., isolated from Qurugol Lake. <b>2012</b> , 62, 1986-1991		12
1700	Sequence and comparative analysis of the MIP gene in Chinese straw mushroom, <i>Volvariella volvacea</i> . <b>2012</b> , 55, 667-72		2
1699	A novel alkaline esterase from <i>Sporosarcina</i> sp. nov. strain eSP04 catalyzing the hydrolysis of a wide variety of aryl-carboxylic acid esters. <b>2012</b> , 76, 1721-7		4
1698	Short communication: analysis of the integrase gene from HIV type 1-positive patients living in a rural area of West Cameroon. <b>2012</b> , 28, 1729-33		11
1697	Potential rates and environmental controls of anaerobic ammonium oxidation in estuarine sediments. <b>2012</b> , 66, 23-32		35
1696	APOBEC3-mediated editing in HIV type 1 from pediatric patients and its association with APOBEC3G/CUL5 polymorphisms and Vif variability. <b>2012</b> , 28, 619-27		12
1695	Genetic diversity analysis of <i>Arius manillensis</i> (Siluriformes: Ariidae) using the mitochondrial control region. <b>2012</b> , 23, 45-52		6
1694	Phylogeography and biogeography concordance in the marine gastropod <i>Crepidatella dilatata</i> (Calyptraeidae) along the southeastern Pacific coast. <b>2012</b> , 103, 630-7		34
1693	Molding the business end of neurotoxins by diversifying evolution. <b>2012</b> , 26, 576-86		24
1692	Molecular phylogeny of <i>Ficus</i> section <i>Ficus</i> in China based on four DNA regions. <b>2012</b> , 50, 422-432		5
1691	Difficulties barcoding in the dark: the case of crustacean stygofauna from eastern Australia. <b>2012</b> , 26, 583		22
1690	Clonal diversity and biofilm-forming ability of methicillin-resistant <i>Staphylococcus pseudintermedius</i> . <b>2012</b> , 67, 841-8		57

1689	Detection and typing of <i>Ornithobacterium rhinotracheale</i> from German poultry flocks. <b>2012</b> , 56, 654-8	15
1688	Branched <i>Halymenia</i> species (Halymeniaceae, Rhodophyta) in the Indo-Pacific region, including descriptions of <i>Halymenia hawaiiiana</i> sp. nov. and <i>H. tondoana</i> sp. nov.. <b>2012</b> , 47, 421-432	14
1687	Detection of Chikungunya virus in wild populations of <i>Aedes albopictus</i> in Kerala State, India. <b>2012</b> , 12, 907-11	15
1686	Interspecific variation in mitochondrial serine transfer RNA (UCN) in <i>Euptychiina</i> butterflies (Lepidoptera: Satyriinae): structure and alignment. <b>2012</b> , 23, 208-15	1
1685	The evolutionary rate of citrus tristeza virus ranks among the rates of the slowest RNA viruses. <b>2012</b> , 93, 419-429	16
1684	Three genetic stocks of frigate tuna <i>Auxis thazard thazard</i> (Lacepede, 1800) along the Indian coast revealed from sequence analyses of mitochondrial DNA D-loop region. <b>2012</b> , 8, 992-1002	8
1683	Detection of <i>Cryptosporidium</i> sp. in two new seal species, <i>Phoca vitulina</i> and <i>Cystophora cristata</i> , and a novel <i>Cryptosporidium</i> genotype in a third seal species, <i>Pagophilus groenlandicus</i> , from the Gulf of Maine. <b>2012</b> , 98, 316-22	11
1682	<i>Ostreopsis cf. ovata</i> in the French Mediterranean Coast: Molecular Characterisation and Toxin Profile. <b>2012</b> , 33, 89-98	16
1681	Possible molecular mechanisms of species recognition by barnacle larvae inferred from multi-specific sequencing analysis of proteinaceous settlement-inducing pheromone. <b>2012</b> , 28, 605-11	11
1680	A longitudinal study on thermophilic <i>Campylobacter</i> spp. in commercial turkey flocks in northern Italy: occurrence and genetic diversity. <b>2012</b> , 56, 693-700	14
1679	Prevalence of parvoviruses in commercial turkey flocks. <b>2012</b> , 56, 744-9	10
1678	Obstructor-A is required for epithelial extracellular matrix dynamics, exoskeleton function, and tubulogenesis. <b>2012</b> , 287, 21396-405	59
1677	<i>Pasteurella multocida</i> carriage in red-necked wallabies ( <i>Macropus rufogriseus</i> ). <b>2012</b> , 43, 726-9	7
1676	Expression of plant genes for arbuscular mycorrhiza-inducible phosphate transporters and fungal vesicle formation in sorghum, barley, and wheat roots. <b>2012</b> , 76, 2364-7	31
1675	Functional metagenomics reveals novel salt tolerance loci from the human gut microbiome. <b>2012</b> , 6, 1916-25	43
1674	New records of <i>Anopheles homunculus</i> in central and Serra do Mar biodiversity corridors of the Atlantic Forest, Brazil. <b>2012</b> , 28, 1-5	4
1673	Mutation at the circadian clock gene <i>EARLY MATURITY 8</i> adapts domesticated barley ( <i>Hordeum vulgare</i> ) to short growing seasons. <b>2012</b> , 109, 8328-33	171
1672	Analysis of the CtrA pathway in <i>Magnetospirillum</i> reveals an ancestral role in motility in alphaproteobacteria. <b>2012</b> , 194, 2973-86	44

1671	The complex systematics of the <i>Acrocephalus</i> of the Mariana Islands, western Pacific. <b>2012</b> , 112, 343-349	5
1670	Genetic diversity of MHC class I loci in six non-model frogs is shaped by positive selection and gene duplication. <b>2012</b> , 109, 146-55	30
1669	Analysis of the developmental roles of the <i>Arabidopsis</i> gibberellin 20-oxidases demonstrates that GA20ox1, -2, and -3 are the dominant paralogs. <b>2012</b> , 24, 941-60	127
1668	Eurocin, a new fungal defensin: structure, lipid binding, and its mode of action. <b>2012</b> , 287, 42361-72	60
1667	Hydrazine synthase, a unique phylomarker with which to study the presence and biodiversity of anammox bacteria. <b>2012</b> , 78, 752-8	198
1666	The <i>Arabidopsis</i> JAZ2 promoter contains a G-Box and thymidine-rich module that are necessary and sufficient for jasmonate-dependent activation by MYC transcription factors and repression by JAZ proteins. <b>2012</b> , 53, 330-43	59
1665	Immunoglobulin gene repertoire in ocular adnexal lymphomas: hints on the nature of the antigenic stimulation. <b>2012</b> , 26, 814-21	39
1664	Identification, cloning, and functional characterization of the IL-1 receptor antagonist in the chicken reveal important differences between the chicken and mammals. <b>2012</b> , 189, 539-50	14
1663	Divergence of duplicate genes in exon-intron structure. <b>2012</b> , 109, 1187-92	397
1662	Role of social wasps in <i>Saccharomyces cerevisiae</i> ecology and evolution. <b>2012</b> , 109, 13398-403	194
1661	Control of mucin-type O-glycosylation: a classification of the polypeptide GalNAc-transferase gene family. <b>2012</b> , 22, 736-56	529
1660	Identification and biochemical characterization of two functional CMP-sialic acid synthetases in <i>Danio rerio</i> . <b>2012</b> , 287, 13239-48	12
1659	Identification of the <i>Bombyx</i> red egg gene reveals involvement of a novel transporter family gene in late steps of the insect ommochrome biosynthesis pathway. <b>2012</b> , 287, 17706-17714	44
1658	High conformational stability of secreted eukaryotic catalase-peroxidases: answers from first crystal structure and unfolding studies. <b>2012</b> , 287, 32254-62	15
1657	Impact of malic enzymes on antibiotic and triacylglycerol production in <i>Streptomyces coelicolor</i> . <b>2012</b> , 78, 4571-9	26
1656	Comparative chloroplast genomics between <i>Euglena viridis</i> and <i>Euglena gracilis</i> (Euglenophyta). <b>2012</b> , 51, 711-718	18
1655	Complete genome sequence of Newcastle disease virus mesogenic vaccine strain R2B from India. <b>2012</b> , 86, 13814-5	10
1654	A new bacterial disease on <i>Mandevilla sanderi</i> , caused by <i>Pseudomonas savastanoi</i> : lessons learned for bacterial diversity studies. <b>2012</b> , 78, 8492-7	15



1653	Amycolatopsis dongchuanensis sp. nov., an actinobacterium isolated from soil. <b>2012</b> , 62, 2650-2656	59
1652	Genome sequence of a novel HIV-1 circulating recombinant form 54_01B from Malaysia. <b>2012</b> , 86, 11405-6	24
1651	Genetic heterogeneity and recombination in human type 2 astroviruses. <b>2012</b> , 50, 3760-4	28
1650	Characterization of nontypeable and atypical Streptococcus pneumoniae pediatric isolates from 1994 to 2010. <b>2012</b> , 50, 1326-30	13
1649	Comparison of asymptomatic bacteriuria Escherichia coli isolates from healthy individuals versus those from hospital patients shows that long-term bladder colonization selects for attenuated virulence phenotypes. <b>2012</b> , 80, 668-78	49
1648	Leptotrichia bacteremia in patients receiving high-dose chemotherapy. <b>2012</b> , 50, 1228-32	46
1647	Acinetobacter insertion sequence ISAb11 belongs to a novel family that encodes transposases with a signature HHEK motif. <b>2012</b> , 78, 471-80	7
1646	Actinin-2 deficiency results in sarcomeric defects in zebrafish that cannot be rescued by Actinin-3 revealing functional differences between sarcomeric isoforms. <b>2012</b> , 26, 1892-908	25
1645	Intercity spread of echovirus 6 in Shandong Province, China: application of environmental surveillance in tracing circulating enteroviruses. <b>2012</b> , 78, 6946-53	26
1644	Natural interspecies recombinant bovine/porcine enterovirus in sheep. <b>2012</b> , 93, 1941-1951	57
1643	Parvovirus enteritis in Eurasian badgers (Meles meles). <b>2012</b> , 170, 416	6
1642	Streptococcus pseudopneumoniae identification by phenotype: a method to assist understanding of a potentially emerging or overlooked pathogen. <b>2012</b> , 50, 1684-90	7
1641	Community-wide convergent evolution in insect adaptation to toxic cardenolides by substitutions in the Na,K-ATPase. <b>2012</b> , 109, 13040-5	180
1640	Unveiling the biosynthetic puzzle of destruxins in Metarhizium species. <b>2012</b> , 109, 1287-92	152
1639	The spread of a transposon insertion in Rec8 is associated with obligate asexuality in Daphnia. <b>2012</b> , 109, 858-63	34
1638	Complete genome sequence of two coxsackievirus A1 strains that were cytotoxic to human rhabdomyosarcoma cells. <b>2012</b> , 86, 10228-9	5
1637	Ultrastructural and molecular studies of Microgemma carolinus n. sp. (Microsporidia), a parasite of the fish Trachinotus carolinus (Carangidae) in Southern Brazil. <b>2012</b> , 139, 1720-8	9
1636	Bacillus daliensis sp. nov., an alkaliphilic, Gram-positive bacterium isolated from a soda lake. <b>2012</b> , 62, 949-953	17

1635	Functional analysis reveals the possible role of the C-terminal sequences and PI motif in the function of lily ( <i>Lilium longiflorum</i> ) PISTILLATA (PI) orthologues. <b>2012</b> , 63, 941-61	31
1634	Full genome sequence of a novel coxsackievirus B5 strain isolated from neurological hand, foot, and mouth disease patients in China. <b>2012</b> , 86, 11408-9	9
1633	<i>Ruegeria conchae</i> sp. nov., isolated from the ark clam <i>Scapharca broughtonii</i> . <b>2012</b> , 62, 2851-2857	20
1632	Phylogeographic structure, outbreeding depression, and reluctant virgin oviposition in the bean thrips, <i>Caliothrips fasciatus</i> (Pergande) (Thysanoptera: Thripidae), in California. <b>2012</b> , 102, 698-709	16
1631	Fipa cattle in the southwestern highlands of Tanzania: molecular characterization. <b>2012</b> , 51, 31-43	3
1630	Identification of olivetolic acid cyclase from <i>Cannabis sativa</i> reveals a unique catalytic route to plant polyketides. <b>2012</b> , 109, 12811-6	179
1629	Analysis of clinical ostreid herpesvirus 1 (Malacoherpesviridae) specimens by sequencing amplified fragments from three virus genome areas. <b>2012</b> , 86, 5942-7	105
1628	Evolutionary conservation of the PA-X open reading frame in segment 3 of influenza A virus. <b>2012</b> , 86, 12411-3	80
1627	New species of <i>Madurella</i> , causative agents of black-grain mycetoma. <b>2012</b> , 50, 988-94	48
1626	Reduced impact of pyrimethamine drug pressure on <i>Plasmodium malariae</i> dihydrofolate reductase gene. <b>2012</b> , 56, 863-8	9
1625	Enigmatic presence of mitochondrial complex I in <i>Trypanosoma brucei</i> bloodstream forms. <b>2012</b> , 11, 183-93	38
1624	<i>Arabidopsis trithorax-related3/SET</i> domain GROUP2 is required for the winter-annual habit of <i>Arabidopsis thaliana</i> . <b>2012</b> , 53, 834-46	48
1623	Tibet is one of the centers of domestication of cultivated barley. <b>2012</b> , 109, 16969-73	173
1622	Biological and phylogenetic characterization of a genotype VII Newcastle disease virus from Venezuela: efficacy of field vaccination. <b>2012</b> , 50, 1204-8	52
1621	Identification and characterization of the missing pyrimidine reductase in the plant riboflavin biosynthesis pathway. <b>2013</b> , 161, 48-56	11
1620	The SID-1 double-stranded RNA transporter is not required for systemic RNAi in the migratory locust. <b>2012</b> , 9, 663-71	63
1619	Novel <i>Haemoproteus</i> species (Haemosporida: Haemoproteidae) from the swallow-tailed gull ( <i>Lariidae</i> ), with remarks on the host range of hippoboscid-transmitted avian hemoproteids. <b>2012</b> , 98, 847-54	61
1618	Genetic characterization of HIV type 1 Tat exon 1 from a southern Indian clinical cohort: identification of unique epidemiological signature residues. <b>2012</b> , 28, 1152-6	11

1617	Genetic data reveal a multiple origin for the populations of the Italian wall lizard <i>Podarcis sicula</i> (Squamata: Lacertidae) introduced in the Iberian Peninsula and Balearic islands. <b>2012</b> , 79, 502-510	15
1616	AtBGAL10 is the main xyloglucan $\beta$ galactosidase in <i>Arabidopsis</i> , and its absence results in unusual xyloglucan subunits and growth defects. <b>2012</b> , 158, 1146-57	61
1615	The complete mitochondrial genome of <i>Leucoptera malifoliella</i> Costa (Lepidoptera: Lyonetiidae). <b>2012</b> , 31, 1508-22	23
1614	GmDREB2A;2, a canonical DEHYDRATION-RESPONSIVE ELEMENT-BINDING PROTEIN2-type transcription factor in soybean, is posttranslationally regulated and mediates dehydration-responsive element-dependent gene expression. <b>2013</b> , 161, 346-61	113
1613	Molecular identification of the arrowhead dogfish <i>Deania profundorum</i> (Centrophoridae) from the northern waters of the Iberian peninsula. <b>2012</b> , 8, 901-905	4
1612	Isolation, identification and molecular characterisation of an isolate of Zucchini yellow mosaic virus occurring in KwaZulu-Natal, South Africa. <b>2012</b> , 29, 65-71	3
1611	Emergence of a new HIV type 1 CRF01_AE variant in Guangxi, Southern China. <b>2012</b> , 28, 1352-6	21
1610	MEGA-CC: computing core of molecular evolutionary genetics analysis program for automated and iterative data analysis. <b>2012</b> , 28, 2685-6	214
1609	Population genetic structure and genetic variability of the marbled sole <i>Pleuronectes yokohamae</i> on the coast of Gyeongsangnam-do, Korea. <b>2012</b> , 16, 498-505	1
1608	Detection of methanogenic archaea in the pitchers of the Northern pitcher plant ( <i>Sarracenia purpurea</i> ). <b>2012</b> , 58, 189-94	5
1607	Sequence, structure, and evolution of cellulases in glycoside hydrolase family 48. <b>2012</b> , 287, 41068-77	28
1606	Semi-rolled leaf1 encodes a putative glycosylphosphatidylinositol-anchored protein and modulates rice leaf rolling by regulating the formation of bulliform cells. <b>2012</b> , 159, 1488-500	88
1605	Comparative analysis of genome sequences covering the seven <i>Cronobacter</i> species. <b>2012</b> , 7, e49455	96
1604	Into the Himalayan exile: the phylogeography of the ground beetle <i>Ethira</i> clade supports the Tibetan origin of forest-dwelling Himalayan species groups. <b>2012</b> , 7, e45482	27
1603	Genetic diversity of neotropical <i>Myotis</i> (chiroptera: vespertilionidae) with an emphasis on South American species. <b>2012</b> , 7, e46578	26
1602	Genetic variability and demographic history of <i>Heliothis virescens</i> (Lepidoptera: Noctuidae) populations from Brazil inferred by mtDNA sequences. <b>2012</b> , 102, 333-43	20
1601	Identification and characterization of a lipopolysaccharide $\beta$ ,3-sialyltransferase from the human pathogen <i>Helicobacter bizzozeronii</i> . <b>2012</b> , 194, 2540-50	13
1600	Characterization of a verocytotoxin-producing enteroaggregative <i>Escherichia coli</i> serogroup O111:H21 strain associated with a household outbreak in Northern Ireland. <b>2012</b> , 50, 4116-9	42

- 1599 A trans-Amazonian screening of mtDNA reveals deep intraspecific divergence in forest birds and suggests a vast underestimation of species diversity. **2012**, 7, e40541 38
- 1598 Changes in the gut microbiome of the sea lamprey during metamorphosis. **2012**, 78, 7638-44 26
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- 1596 *Erythrobacter pelagi* sp. nov., a member of the family Erythrobacteraceae isolated from the Red Sea. **2012**, 62, 1348-1353 19
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- 1594 A novel papillomavirus isolated from proliferative skin lesions of a wild American beaver (*Castor canadensis*). **2012**, 24, 750-4 6
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- 1589 Detection of horizontal gene transfers from phylogenetic comparisons. **2012**, 2012, 813015 6
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- 1587 Evidence for a natural allelic series at the maize domestication locus *teosinte branched1*. **2012**, 191, 951-8 19
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- 1584 Temporal orchestration of glycogen synthase (GlgA) gene expression and glycogen accumulation in the oceanic picoplanktonic cyanobacterium *Synechococcus* sp. strain WH8103. **2012**, 78, 4744-7 6
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1581	Tropicimonas sediminicola sp. nov., isolated from marine sediment. <b>2012</b> , 62, 2424-2429		8
1580	First isolation of Mycobacterium kyorinense from clinical specimens in Brazil. <b>2012</b> , 50, 2477-8		12
1579	Differences in selection drive olfactory receptor genes in different directions in dogs and wolf. <i>Molecular Biology and Evolution</i> , <b>2012</b> , 29, 3475-84	8.3	16
1578	Characterization and investigation of zebrafish models of filamin-related myofibrillar myopathy. <b>2012</b> , 21, 4073-83		29
1577	Serology-enabled discovery of genetically diverse hepaciviruses in a new host. <b>2012</b> , 86, 6171-8		183
1576	Full genome analysis of group B rotaviruses from western India: genetic relatedness and evolution. <b>2012</b> , 93, 2252-2266		12
1575	Ultradeep sequencing analysis of population dynamics of virus escape mutants in RNAi-mediated resistant plants. <i>Molecular Biology and Evolution</i> , <b>2012</b> , 29, 3297-307	8.3	32
1574	Dynamic evolution of toll-like receptor multigene families in echinoderms. <b>2012</b> , 3, 136		82
1573	Reticulitermes nelsonae, a New Species of Subterranean Termite (Rhinotermitidae) from the Southeastern United States. <b>2012</b> , 3, 62-90		15
1572	cDNA Cloning and Expression Analysis of Pattern Recognition Proteins from the Chinese Oak Silkmoth, Antheraea pernyi. <b>2012</b> , 3, 1093-104		4
1571	Molecular Modelling of Oligomeric States of DmOR83b, an Olfactory Receptor in D. Melanogaster. <b>2012</b> , 6, 33-47		8
1570	Integrative structural modelling of the cardiac thin filament: energetics at the interface and conservation patterns reveal a spotlight on period 2 of tropomyosin. <b>2012</b> , 6, 203-23		3
1569	Evolution of the RALF Gene Family in Plants: Gene Duplication and Selection Patterns. <b>2012</b> , 8, 271-92		41
1568	Characterization of a Methanogenic Community within an Algal Fed Anaerobic Digester. <b>2012</b> , 2012, 753892		23
1567	Detection and Genotyping of Human Papillomavirus in Cervical Tissue Samples in Ahvaz, Southwest Iran. <b>2012</b> , 6,		1
1566	Effect of Soil Ameliorators on Ectomycorrhizal Fungal Communities that Colonize Seedlings of Pinus densiflora in Abandoned Coal Mine Spoils. <b>2012</b> , 40, 168-72		4
1565	Two novel species of Aspergillus section Nigri from indoor air. <b>2012</b> , 3, 159-73		40
1564	Paraprisionchus giblindavisi n. gen., n. sp. (Rhabditida: Diplogastridae) isolated from stag beetles (Coleoptera: Lucanidae) in Japan. <b>2012</b> , 14, 933-947		15

1563	A new <i>Leucoagaricus</i> species of section <i>Piloselli</i> (Agaricales, Agaricaceae) from Spain. <b>2012</b> , 3, 117-23	4
1562	Evolutionary history of LTR retrotransposon chromodomains in plants. <b>2012</b> , 2012, 874743	28
1561	Limited cross-reactivity of mouse monoclonal antibodies against Dengue virus capsid protein among four serotypes. <b>2012</b> , 6, 409-16	4
1560	Molecular analysis of the bacterial communities in crude oil samples from two brazilian offshore petroleum platforms. <b>2012</b> , 2012, 156537	26
1559	Host-Symbiont Interactions for Potentially Managing Heteropteran Pests. <b>2012</b> , 2012, 1-9	15
1558	Will the <i>Amaranthus tuberculatus</i> Resistance Mechanism to PPO-Inhibiting Herbicides Evolve in Other <i>Amaranthus</i> Species?. <b>2012</b> , 2012, 1-7	16
1557	Global Transcriptional Analysis of Olfactory Genes in the Head of Pine Shoot Beetle, <i>Tomicus yunnanensis</i> . <b>2012</b> , 2012, 491748	19
1556	Positive Selection and the Evolution of <i>izumo</i> Genes in Mammals. <b>2012</b> , 2012, 958164	21
1555	The Distribution of eIF4E-Family Members across Insecta. <b>2012</b> , 2012, 960420	11
1554	<i>Idiomarina aquimaris</i> sp. nov., isolated from the reef-building coral <i>Isopora palifera</i> . <b>2012</b> , 62, 1536-1542	10
1553	Toxin detection in patients' sera by mass spectrometry during two outbreaks of type A Botulism in France. <b>2012</b> , 50, 4091-4	25
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1550	Multiple adaptive losses of alanine-glyoxylate aminotransferase mitochondrial targeting in fruit-eating bats. <i>Molecular Biology and Evolution</i> , <b>2012</b> , 29, 1507-11	8.3 18
1549	Molecular Identification and Ecology of a Newly Discovered Population of Sun Catfish <i>Horabagrus brachysoma</i> from Northern Western Ghats of India. <b>2012</b> , 2012, 1-9	1
1548	<i>Aspergillus bertholletius</i> sp. nov. from Brazil nuts. <b>2012</b> , 7, e42480	24
1547	Complete genome of the human norovirus GIV.1 strain Lake Macquarie virus. <b>2012</b> , 86, 10251-2	12
1546	Structural and functional analysis of the archaeal endonuclease Nob1. <b>2012</b> , 40, 3259-74	54

1545	Presence and characterization of Zucchini yellow mosaic virus in watermelon in Serbia. <b>2012</b> , 49, 151-159	
1544	The pine wood nematode, <i>Bursaphelenchus xylophilus</i> , in Portugal: possible introductions and spread routes of a serious biological invasion revealed by molecular methods. <b>2012</b> , 14, 899-911	20
1543	Transcriptional Regulation of the Lignin Biosynthetic Pathway Revisited: New Players and Insights. <b>2012</b> , 61, 173-218	13
1542	Differential control of ethylene responses by GREEN-RIPE and GREEN-RIPE LIKE1 provides evidence for distinct ethylene signaling modules in tomato. <b>2012</b> , 160, 1968-84	33
1541	<i>Pectinatus brassicae</i> sp. nov., a Gram-negative, anaerobic bacterium isolated from salty wastewater. <b>2012</b> , 62, 2145-2149	13
1540	Systems and trans-system level analysis identifies conserved iron deficiency responses in the plant lineage. <b>2012</b> , 24, 3921-48	104
1539	The novel kasugamycin 2'-N-acetyltransferase gene <i>aac(2')</i> -IIa, carried by the IncP island, confers kasugamycin resistance to rice-pathogenic bacteria. <b>2012</b> , 78, 5555-64	14
1538	First records of didemnid ascidians harbouring <i>Prochloron</i> from Caribbean Panama: genetic relationships between Caribbean and Pacific photosymbionts and host ascidians. <b>2012</b> , 10, 435-445	12
1537	IL-22 is expressed by the invasive trophoblast of the equine ( <i>Equus caballus</i> ) chorionic girdle. <b>2012</b> , 188, 4181-7	30
1536	Tight coevolution of proliferating cell nuclear antigen (PCNA)-partner interaction networks in fungi leads to interspecies network incompatibility. <b>2012</b> , 109, E406-14	31
1535	Identification of the cysteine residue responsible for disulfide linkage of Na <sup>+</sup> channel $\alpha$ and $\beta$ subunits. <b>2012</b> , 287, 39061-9	55
1534	Natural distribution and co-infection patterns of microsporidia parasites in the <i>Daphnia longispina</i> complex. <b>2012</b> , 139, 870-80	11
1533	Genetic diversity and structure of indica rice varieties from two heterotic pools of southern China and IRRI. <b>2012</b> , 10, 186-193	10
1532	Evolution of cariogenic character in <i>Streptococcus mutans</i> : horizontal transmission of glycosyl hydrolase family 70 genes. <b>2012</b> , 2, 518	29
1531	Sipunculan larvae and "cosmopolitan" species. <b>2012</b> , 52, 497-510	19
1530	Detection of imported wild polioviruses and of vaccine-derived polioviruses by environmental surveillance in Egypt. <b>2012</b> , 78, 5406-9	19
1529	Community structure analysis of methanogens associated with rumen protozoa reveals bias in universal archaeal primers. <b>2012</b> , 78, 4051-6	31
1528	Characterization of type II and III restriction-modification systems from <i>Bacillus cereus</i> strains ATCC 10987 and ATCC 14579. <b>2012</b> , 194, 49-60	22

1527	Identification of hepatitis C virus transmission using a next-generation sequencing approach. <b>2012</b> , 50, 1461-3	33
1526	First human case of pulmonary fungal ball due to a <i>Perenniporia</i> species (a basidiomycete). <b>2012</b> , 50, 3786-91	13
1525	An invasive <i>Haemophilus haemolyticus</i> isolate. <b>2012</b> , 50, 1502-3	15
1524	Molecular characterization of multidrug- and extensively drug-resistant <i>Mycobacterium tuberculosis</i> strains in Jiangxi, China. <b>2012</b> , 50, 2404-13	62
1523	Complete genome sequence of a recombinant nephropathogenic infectious bronchitis virus strain in China. <b>2012</b> , 86, 13812-3	9
1522	<i>Fulvivirga imtechensis</i> sp. nov., a member of the phylum Bacteroidetes. <b>2012</b> , 62, 2213-2217	9
1521	<i>Arthrobacter cupressi</i> sp. nov., an actinomycete isolated from the rhizosphere soil of <i>Cupressus sempervirens</i> . <b>2012</b> , 62, 2731-2736	22
1520	<i>Neptunomonas concharum</i> sp. nov., isolated from a dead ark clam, and emended description of the genus <i>Neptunomonas</i> . <b>2012</b> , 62, 2657-2661	15
1519	Multiple deletions reveal the essentiality of the DedA membrane protein family in <i>Escherichia coli</i> . <b>2012</b> , 158, 1162-1171	23
1518	Structures of free-living and protozoa-associated methanogen communities in the bovine rumen differ according to comparative analysis of 16S rRNA and <i>mcrA</i> genes. <b>2012</b> , 158, 1808-1817	47
1517	Identification of triclosan-degrading bacteria using stable isotope probing, fluorescence in situ hybridization and microautoradiography. <b>2012</b> , 158, 2796-2804	34
1516	Evidence of multiple introductions of beak and feather disease virus into the Pacific islands of Nouvelle-Caledonie (New Caledonia). <b>2012</b> , 93, 2466-2472	21
1515	Preferential retention of circadian clock genes during diploidization following whole genome triplication in <i>Brassica rapa</i> . <b>2012</b> , 24, 2415-26	86
1514	(Lack of) genetic diversity in immune genes predates glacial isolation in the North American mountain goat ( <i>Oreamnos americanus</i> ). <b>2012</b> , 103, 371-9	18
1513	Comparative genomics reveals adaptive protein evolution and a possible cytonuclear incompatibility between European and American Eels. <i>Molecular Biology and Evolution</i> , <b>2012</b> , 29, 2909-19 <sup>8.3</sup>	60
1512	Molecular phylogeny of the western North American pebblesnails, genus <i>Fluminicola</i> (Rissooidea: Lithoglyphidae), with description of a new species. <b>2012</b> , 78, 321-329	5
1511	Seed-colonizing bacterial communities associated with the suppression of <i>Pythium</i> seedling disease in a municipal biosolids compost. <b>2012</b> , 102, 478-89	18
1510	Rapid discrimination of newly isolated <i>Bacillales</i> with industrial applications using Raman spectroscopy. <b>2012</b> , 9, 636-642	9



1509	Clostridium difficile ribotype does not predict severe infection. <b>2012</b> , 55, 1661-8	144
1508	A serpentinite-hosted ecosystem in the Southern Mariana Forearc. <b>2012</b> , 109, 2831-5	76
1507	Diversity and physiological characterization of D-xylose-fermenting yeasts isolated from the Brazilian Amazonian Forest. <b>2012</b> , 7, e43135	85
1506	RNA interference of NADPH-cytochrome P450 reductase results in reduced insecticide resistance in the bed bug, Cimex lectularius. <b>2012</b> , 7, e31037	67
1505	Elstera litoralis gen. nov., sp. nov., isolated from stone biofilms of Lake Constance, Germany. <b>2012</b> , 62, 1750-1754	16
1504	High-resolution melting (HRM) of the cytochrome B gene: a powerful approach to identify blood-meal sources in Chagas disease Vectors. <b>2012</b> , 6, e1530	40
1503	Genetic variability of human respiratory syncytial virus A strains circulating in Ontario: a novel genotype with a 72 nucleotide G gene duplication. <b>2012</b> , 7, e32807	205
1502	Phylogenetic Position of Arctotanais in the Suborder Tanaidomorpha (Peracarida: Tanaidacea). <b>2012</b> , 32, 127-139	9
1501	Sequence analysis of putative N-acetylglucosaminidase, SACOL2666 gene in S. aureus. <b>2012</b> ,	
1500	Host and bacterial phenotype variation in adhesion of Streptococcus mutans to matched human hosts. <b>2012</b> , 80, 3869-79	18
1499	Genetic analysis of cytomegalovirus in malignant gliomas. <b>2012</b> , 86, 6815-24	79
1498	A new family of membrane electron transporters and its substrates, including a new cell envelope peroxiredoxin, reveal a broadened reductive capacity of the oxidative bacterial cell envelope. <b>2012</b> , 3,	53
1497	Occurrence and evolution of the paralogous zinc metalloproteases IgA1 protease, ZmpB, ZmpC, and ZmpD in Streptococcus pneumoniae and related commensal species. <b>2012</b> , 3,	33
1496	Do time, heterochromatin, NORs, or chromosomal rearrangements correlate with distribution of interstitial telomeric repeats in Sigmodon (cotton rats)?. <b>2012</b> , 103, 493-502	9
1495	A cathepsin F-like peptidase involved in barley grain protein mobilization, HvPap-1, is modulated by its own propeptide and by cystatins. <b>2012</b> , 63, 4615-29	30
1494	Disrupting the bimolecular binding of the haem-binding protein 5 (AtHBP5) to haem oxygenase 1 (HY1) leads to oxidative stress in Arabidopsis. <b>2012</b> , 63, 5967-78	20
1493	A novel Plasmodium falciparum SR protein is an alternative splicing factor required for the parasites' proliferation in human erythrocytes. <b>2012</b> , 40, 9903-16	20
1492	A set of regioselective O-methyltransferases gives rise to the complex pattern of methoxylated flavones in sweet basil. <b>2012</b> , 160, 1052-69	36

1491	Delimitation and characterisation of <i>Talaromyces purpurogenus</i> and related species. <b>2012</b> , 29, 39-54	65
1490	In silico characterization of a nitrate reductase gene family and analysis of the predicted proteins from the moss <i>Physcomitrella patens</i> . <b>2012</b> , 5, 19-25	10
1489	Higher prevalence of predicted X4-tropic strains in perinatally infected older children with HIV-1 subtype C in India. <b>2012</b> , 59, 347-53	14
1488	Crystal structure and functional characterization of a glucosamine-6-phosphate N-acetyltransferase from <i>Arabidopsis thaliana</i> . <b>2012</b> , 443, 427-37	7
1487	Brooding in a gonatid squid off northern Japan. <b>2012</b> , 223, 259-62	5
1486	Integrating multi-origin expression data improves the resolution of deep phylogeny of ray-finned fish (Actinopterygii). <b>2012</b> , 2, 665	12
1485	Phylogenetic Position Of The Monogenean <i>Malayanodiscoides Bihamuli</i> Lim Et Furtado, 1986 Inferred From Sequence And Secondary Structure Of 28S Rdna. <b>2012</b> , 57, 47-64	
1484	cDNA Cloning and Expression Analysis of the Nicotinic Acetylcholine Receptor Alpha6 Subunit in the Oriental Fruit Fly, <i>Bactrocera dorsalis</i> (Diptera: Tephritidae). <b>2012</b> , 95, 253-260	
1483	Members of the germin-like protein family in <i>Brassica napus</i> are candidates for the initiation of an oxidative burst that impedes pathogenesis of <i>Sclerotinia sclerotiorum</i> . <b>2012</b> , 63, 5507-19	61
1482	Etubulin paralogue tubC is frequently misidentified as the benA gene in <i>Aspergillus</i> section Nigri taxonomy: primer specificity testing and taxonomic consequences. <b>2012</b> , 29, 1-10	73
1481	Complete genome sequence of <i>Serratia plymuthica</i> strain AS12. <b>2012</b> , 6, 165-73	15
1480	Complete genome sequence of the plant-associated <i>Serratia plymuthica</i> strain AS13. <b>2012</b> , 7, 22-30	16
1479	Complete genome sequence of <i>Corynebacterium pseudotuberculosis</i> biovar ovis strain P54B96 isolated from antelope in South Africa obtained by rapid next generation sequencing technology. <b>2012</b> , 7, 189-99	6
1478	Non-contiguous finished genome sequence and description of <i>Kurthia massiliensis</i> sp. nov. <b>2012</b> , 7, 221-32	46
1477	<i>Paralepistopsis</i> gen. nov. and <i>Paralepista</i> (Basidiomycota, Agaricales). <b>2012</b> , 120, 253-267	17
1476	New penicillin-producing <i>Penicillium</i> species and an overview of section <i>Chrysogena</i> . <b>2012</b> , 29, 78-100	101
1475	Phylogeny and taxonomy of the genus <i>Gliocladiopsis</i> . <b>2012</b> , 28, 25-33	13
1474	Complete genome sequence of <i>Terriglobus saanensis</i> type strain SP1PR4(T), an Acidobacteria from tundra soil. <b>2012</b> , 7, 59-69	16

1473	Complete genome sequence of the motile actinomycete <i>Actinoplanes missouriensis</i> 431(T) (= NBRC 102363(T)). <b>2012</b> , 7, 294-303	18
1472	When anthropogenic translocation meets cryptic speciation globalized bouillon originates; molecular variability of the cosmopolitan freshwater cyclopoid <i>Macrocyclus albidus</i> (Crustacea: Copepoda). <b>2012</b> , 48, 63-80	25
1471	First record of Phlebotomine sandflies (Diptera: Psychodidae) in the Comoros Archipelago with description of <i>Sergentomyia</i> ( <i>Vattieromyia</i> ) <i>peisoni</i> n. sp. and <i>S.</i> ( <i>Rondanomyia</i> ) <i>goodmani comorensis</i> n. ssp. <b>2012</b> , 19, 195-206	9
1470	Evaluation of the genetic variability of human papillomavirus type 52. <b>2012</b> , 30, 535-44	2
1469	Phylogeny, biogeography and divergence times in <i>Passiflora</i> (Passifloraceae). <b>2012</b> , 35, 1036-43	41
1468	Molecular identification of <i>Fasciola</i> spp. (Digenea: Platyhelminthes) in cattle from Vietnam. <b>2012</b> , 19, 85-9	20
1467	Anoxic iron cycling bacteria from an iron sulfide- and nitrate-rich freshwater environment. <b>2012</b> , 3, 26	16
1466	Identification and differentiation of the twenty six bluetongue virus serotypes by RT-PCR amplification of the serotype-specific genome segment 2. <b>2012</b> , 7, e32601	104
1465	DNA barcoding of <i>Podonomus</i> (Chironomidae, Podonominae) enables stage association of a named species and reveals hidden diversity in Brazilian inselbergs. <b>2012</b> , 48, 411-423	11
1464	The transcriptome of <i>Bathymodiolus azoricus</i> gill reveals expression of genes from endosymbionts and free-living deep-sea bacteria. <b>2012</b> , 10, 1765-83	17
1463	Metagenome Analysis of a Complex Community Reveals the Metabolic Blueprint of Anammox Bacterium " <i>Candidatus Jettenia asiatica</i> ". <b>2012</b> , 3, 366	73
1462	Genomic analysis indicates the presence of an asymmetric bilayer outer membrane in planctomycetes and verrucomicrobia. <b>2012</b> , 3, 304	46
1461	Human enterovirus 109 (EV109) in acute paediatric respiratory disease in Hungary. <b>2012</b> , 59, 285-90	13
1460	Molecular genetic basis of the human Forssman glycolipid antigen negativity. <b>2012</b> , 2, 975	28
1459	DICER-LIKE3 activity in <i>Physcomitrella patens</i> DICER-LIKE4 mutants causes severe developmental dysfunction and sterility. <b>2012</b> , 5, 1281-94	32
1458	Theileria, Babesia, and Anaplasma detected by PCR in ruminant herds at Bié Province, Angola. <b>2012</b> , 19, 417-22	20
1457	Spawning aggregation of the lanternfish <i>Diaphus danae</i> (family Myctophidae) in the north-western Coral Sea and associations with tuna aggregations. <b>2012</b> , 63, 1255	26
1456	Population genetic structure of the neon flying squid <i>Ommastrephes bartramii</i> inferred from mitochondrial DNA sequence analysis. <b>2012</b> , 78, 212-219	3

1455	Stimulatory effects of arsenic-tolerant soil fungi on plant growth promotion and soil properties. <b>2012</b> , 27, 477-82	18
1454	Novel conjugative transferable multiple drug resistance plasmid pAQU1 from <i>Photobacterium damsela</i> subsp. <i>damsela</i> isolated from marine aquaculture environment. <b>2012</b> , 27, 263-72	59
1453	Production and consumption of hydrogen in hot spring microbial mats dominated by a filamentous anoxygenic photosynthetic bacterium. <b>2012</b> , 27, 293-9	40
1452	Little gene flow between domestic silkworm <i>Bombyx mori</i> and its wild relative <i>Bombyx mandarina</i> in Japan, and possible artificial selection on the CAD gene of <i>B. mori</i> . <b>2012</b> , 87, 331-40	4
1451	Detection and phylogenetic analysis of hepatitis E viruses from mongooses in Okinawa, Japan. <b>2012</b> , 74, 1665-8	28
1450	Isolation and characterization of bacterial isolates algicidal against a harmful bloom-forming cyanobacterium <i>Microcystis aeruginosa</i> . <b>2012</b> , 17, 107-14	7
1449	Cryptic species within the wheat curl mite <i>Aceria tosichella</i> (Keifer) (Acari : Eriophyoidea), revealed by mitochondrial, nuclear and morphometric data. <b>2012</b> , 26, 417	63
1448	Avian influenza viruses in wild birds at the Jeziorsko reservoir in Poland in 2008-2010. <b>2012</b> , 15, 323-8	3
1447	Mitochondrial sequence variation suggests extensive cryptic diversity within the Western Palearctic <i>Daphnia longispina</i> complex. <b>2012</b> , 57, 1838-1845	27
1446	A new microsporidian parasite, <i>Heterosporis saurida</i> n. sp. (Microsporidia) infecting the lizardfish, <i>Saurida undosquamis</i> from the Arabian Gulf, Saudi Arabia: ultrastructure and phylogeny. <b>2012</b> , 139, 454-62	14
1445	One <i>Perkinsus</i> species may hide another: characterization of <i>Perkinsus</i> species present in clam production areas of France. <b>2012</b> , 139, 1757-71	30
1444	COI barcoding as a molecular assay for the identification of phytoseiid mites. <b>2012</b> , 17,	3
1443	Species diversity and genetic differentiation of stygofauna (Syncarida: Bathynellacea) across an alluvial aquifer in north-eastern Australia. <b>2012</b> , 60, 152	12
1442	Molecular detection and species identification of <i>Alexandrium</i> (Dinophyceae) causing harmful algal blooms along the Chilean coastline. <b>2012</b> , 2012, pls033	10
1441	Computational analysis for functional and evolutionary aspects of BACE-1 and associated Alzheimer's related proteins. <b>2012</b> , 1, 322	5
1440	16S rDNA-based metagenomic analysis of bacterial diversity associated with two populations of the kleptoplastic sea slug <i>Elysia chlorotica</i> and its algal prey <i>Vaucheria litorea</i> . <b>2012</b> , 223, 138-54	19
1439	A new species of <i>Leptobrachium</i> from Myanmar (Anura: Megophryidae). <b>2012</b> , 3415, 23	9
1438	Prokaryotic diversity in Aran-Bidgol salt lake, the largest hypersaline playa in Iran. <b>2012</b> , 27, 87-93	57

1437	Complete genome sequence of <i>Bradyrhizobium</i> sp. S23321: insights into symbiosis evolution in soil oligotrophs. <b>2012</b> , 27, 306-15		46
1436	A wheat homologue of PHYTOCLOCK 1 is a candidate gene conferring the early heading phenotype to einkorn wheat. <b>2012</b> , 87, 357-67		38
1435	Qualitative and quantitative late blight resistance in the potato cultivar Sarpo Mira is determined by the perception of five distinct RXLR effectors. <b>2012</b> , 25, 910-9		125
1434	Application of nested PCR-DGGE (denaturing gradient gel electrophoresis) for the analysis of ciliate communities in soils. <b>2012</b> , 27, 136-41		10
1433	Diversity of purple phototrophic bacteria, inferred from <i>pufM</i> gene, within epilithic biofilm in Tama River, Japan. <b>2012</b> , 27, 327-9		8
1432	Dual presence of <i>Anaplasma phagocytophilum</i> and its closely related <i>Anaplasma</i> sp. in ixodid ticks in Hokkaido, Japan, and their specific molecular detection. <b>2012</b> , 74, 1551-60		18
1431	Molecular detection of <i>Capillaria aerophila</i> , an agent of canine and feline pulmonary capillariasis. <b>2012</b> , 50, 1958-63		43
1430	Phylogenetically diverse groups of <i>Bradyrhizobium</i> isolated from nodules of <i>Crotalaria</i> spp., <i>Indigofera</i> spp., <i>Erythrina brucei</i> and <i>Glycine max</i> growing in Ethiopia. <b>2012</b> , 65, 595-609		43
1429	Evolution of the globin gene family in deuterostomes: lineage-specific patterns of diversification and attrition. <i>Molecular Biology and Evolution</i> , <b>2012</b> , 29, 1735-45	8.3	41
1428	Glutathione S-transferase (GST) genes in the red flour beetle, <i>Tribolium castaneum</i> , and comparative analysis with five additional insects. <b>2012</b> , 100, 327-35		99
1427	Cultured fungal associates from the deep-sea coral <i>Lophelia pertusa</i> . <b>2012</b> , 67, 12-20		15
1426	Reclassification of <i>Bacillus beijingensis</i> Qiu et al. 2009 and <i>Bacillus ginsengi</i> Qiu et al. 2009 as <i>Bhargavaea beijingensis</i> comb. nov. and <i>Bhargavaea ginsengi</i> comb. nov. and emended description of the genus <i>Bhargavaea</i> . <b>2012</b> , 62, 2495-2504		10
1425	Phylogenetic analysis of <i>Xanthomonas</i> based on partial <i>rpoB</i> gene sequences and species differentiation by PCR-RFLP. <b>2012</b> , 62, 1419-1424		13
1424	Virtual metagenome reconstruction from 16S rRNA gene sequences. <b>2012</b> , 3, 1203		18
1423	Distance and character-based evaluation of the V4 region of the 18S rRNA gene for the identification of diatoms (Bacillariophyceae). <b>2012</b> , 7, e45664		44
1422	Fast isogenic mapping-by-sequencing of ethyl methanesulfonate-induced mutant bulks. <b>2012</b> , 160, 591-600		91
1421	Novel bacterial community associated with 500-year-old unpreserved archaeological wood from King Henry VIII's Tudor Warship the Mary Rose. <b>2012</b> , 78, 8822-8		8
1420	Comparative survey of rumen microbial communities and metabolites across one caprine and three bovine groups, using bar-coded pyrosequencing and $^1\text{H}$ nuclear magnetic resonance spectroscopy. <b>2012</b> , 78, 5983-93		109

1419	Saccharomycopsis fodiens sp. nov., a rare predacious yeast from three distant localities. <b>2012</b> , 62, 2793-2798	11
1418	Isolation of Hokkaido virus, genus Hantavirus, using a newly established cell line derived from the kidney of the grey red-backed vole ( <i>Myodes rufocanus bedfordiae</i> ). <b>2012</b> , 93, 2237-2246	9
1417	Evidence of bacteriophage-mediated horizontal transfer of bacterial 16S rRNA genes in the viral metagenome of the marine sponge <i>Hymeniacidon perlevis</i> . <b>2012</b> , 158, 2789-2795	8
1416	Phylogenetic placement of the genus <i>Anhelliella</i> and the description of <i>A. nectandrae</i> sp. nov. <b>2012</b> , 104, 1291-8	6
1415	Extensive variation in surface lipoprotein gene content and genomic changes associated with virulence during evolution of a novel North American house finch epizootic strain of <i>Mycoplasma gallisepticum</i> . <b>2012</b> , 158, 2073-2088	37
1414	Spectral tuning by selective chromophore uptake in rods and cones of eight populations of nine-spined stickleback ( <i>Pungitius pungitius</i> ). <b>2012</b> , 215, 2760-73	19
1413	Hearing aid for vertebrates via multiple episodic adaptive events on prestin genes. <i>Molecular Biology and Evolution</i> , <b>2012</b> , 29, 2187-98	8.3 17
1412	Heterochronic activation of VEGF signaling and the evolution of the skeleton in echinoderm pluteus larvae. <b>2012</b> , 14, 428-36	38
1411	Endophytic bacterial communities in three arctic plants from low arctic fell tundra are cold-adapted and host-plant specific. <b>2012</b> , 82, 510-22	51
1410	<i>Cryptococcus</i> species (Tremellales) from glacial biomes in the southern (Patagonia) and northern (Svalbard) hemispheres. <b>2012</b> , 82, 523-39	39
1409	Yeasts from glacial ice of Patagonian Andes, Argentina. <b>2012</b> , 82, 540-50	33
1408	In silico analysis of trypanosomatids' helicases. <b>2012</b> , 335, 123-9	14
1407	Functional screening of antibiotic resistance genes from human gut microbiota reveals a novel gene fusion. <b>2012</b> , 336, 11-6	46
1406	Co-occurrence and distribution of nitrite-dependent anaerobic ammonium and methane-oxidizing bacteria in a paddy soil. <b>2012</b> , 336, 79-88	170
1405	Antiparallel membrane topology of paired short-chain chromate transport proteins in <i>Bacillus subtilis</i> . <b>2012</b> , 336, 113-21	3
1404	Positive selection on NIN, a gene involved in neurogenesis, and primate brain evolution. <b>2012</b> , 11, 903-10	10
1403	Two genetically distinct stocks in Baird's beaked whale (Cetacea: Ziphiidae). <b>2012</b> , 29, n/a-n/a	1
1402	The existence and diversity of myxobacteria in lake mud - a previously unexplored myxobacteria habitat. <b>2012</b> , 4, 587-95	16

1401	Cryptic diversity of the 'cosmopolitan' harpacticoid copepod <i>Nannopus palustris</i> : genetic and morphological evidence. <b>2012</b> , 21, 5336-47		31
1400	Deep mitochondrial introgression and hybridization among ecologically divergent vole species. <b>2012</b> , 21, 5309-23		26
1399	Geographical and ecological stability of the symbiotic mid-gut microbiota in European firebugs, <i>Pyrrhocoris apterus</i> (Hemiptera, Pyrrhocoridae). <b>2012</b> , 21, 6134-51		96
1398	Asexual reproduction in introduced and native populations of the ant <i>Cerapachys biroi</i> . <b>2012</b> , 21, 5221-35		44
1397	<i>Drosophila</i> mauve mutants reveal a role of LYST homologs late in the maturation of phagosomes and autophagosomes. <b>2012</b> , 13, 1680-92		31
1396	The complete mitochondrial genome of the loggerhead turtle <i>Caretta caretta</i> (Testudines: Cheloniidae): genome description and phylogenetic considerations. <b>2012</b> , 23, 1-12		19
1395	<i>Rhizobium etli</i> taxonomy revised with novel genomic data and analyses. <b>2012</b> , 35, 353-8		45
1394	Life history and biogeographic diversification of an endemic western North American freshwater fish clade using a comparative species tree approach. <b>2012</b> , 65, 940-52		10
1393	Patterns of molecular evolution of an avian neo-sex chromosome. <i>Molecular Biology and Evolution</i> , <b>2012</b> , 29, 3741-54	8.3	21
1392	<i>Aerosakkonema funiforme</i> gen. et sp. nov. (Oscillatoriales), a new gas-vacuolated oscillatoriid cyanobacterium isolated from a mesotrophic reservoir. <b>2012</b> , 51, 672-683		13
1391	Monitoring microbial diversity of bioreactors using metagenomic approaches. <b>2012</b> , 64, 73-94		1
1390	Phylogenetic analysis of non-O157 Shiga toxin-producing <i>Escherichia coli</i> strains by whole-genome sequencing. <b>2012</b> , 50, 4123-7		35
1389	Selected mitochondrial genes as species markers of the Arctic <i>Contracecum osculatum</i> complex. <b>2012</b> , 86, 252-8		6
1388	Mitochondrial genome variability within the <i>Candida parapsilosis</i> species complex. <b>2012</b> , 12, 514-9		17
1387	Ilarviruses of <i>Prunus</i> spp.: a continued concern for fruit trees. <b>2012</b> , 102, 1108-20		57
1386	A novel bat herpesvirus encodes homologues of major histocompatibility complex classes I and II, C-type lectin, and a unique family of immune-related genes. <b>2012</b> , 86, 8014-30		30
1385	Acquisition and diversification of cladodes: leaf-like organs in the genus <i>Asparagus</i> . <b>2012</b> , 24, 929-40		29
1384	Insertion and recombination events at hypervariable region 1 over 9.6 years of hepatitis C virus chronic infection. <b>2012</b> , 93, 2614-2624		19

1383	Genetic characterization of Erve virus, a European Nairovirus distantly related to Crimean-Congo hemorrhagic fever virus. <b>2012</b> , 45, 426-32	19
1382	Genome-wide identification of genes involved in raffinose metabolism in Maize. <b>2012</b> , 22, 1775-85	33
1381	Hemosporidian parasites in forest birds from Venezuela: genetic lineage analyses. <b>2012</b> , 56, 583-8	8
1380	Taxonomic study of the <i>Burmoniscus ocellatus</i> complex (Crustacea, Isopoda, Oniscidea) in Japan shows genetic diversification in the southern Ryukyus, southwestern Japan. <b>2012</b> , 29, 527-37	7
1379	Novel West Nile virus lineage 1a full genome sequences from human cases of infection in north-eastern Italy, 2011. <b>2012</b> , 18, E541-4	20
1378	The south-eastern house mouse <i>Mus musculus castaneus</i> (Rodentia: Muridae) is a polytypic subspecies. <b>2012</b> , 107, 295-306	27
1377	Comparative biogeography reveals differences in population genetic structure of five species of stream fishes. <b>2012</b> , 107, 867-885	32
1376	Cytochrome P450s and cytochrome P450 reductase in the olfactory organ of the cotton leafworm <i>Spodoptera littoralis</i> . <b>2012</b> , 21, 568-80	58
1375	Taxonomic relatedness between <i>Pectobacterium carotovorum</i> subsp. <i>carotovorum</i> , <i>Pectobacterium carotovorum</i> subsp. <i>odoriferum</i> and <i>Pectobacterium carotovorum</i> subsp. <i>brasiliense</i> subsp. nov. <b>2012</b> , 113, 904-13	55
1374	Plant growth promoting potential and soil enzyme production of the most abundant <i>Streptomyces</i> spp. from wheat rhizosphere. <b>2012</b> , 113, 1154-64	73
1373	Archaea in the foregut of macropod marsupials: PCR and amplicon sequence-based observations. <b>2012</b> , 113, 1065-75	15
1372	Genetic isolation within the malaria mosquito <i>Anopheles melas</i> . <b>2012</b> , 21, 4498-513	13
1371	Speciation history of three closely related oak gall wasps, <i>Andricus mukaigawae</i> , <i>A. kashiwaphilus</i> , and <i>A. pseudoflos</i> (Hymenoptera: Cynipidae) inferred from nuclear and mitochondrial DNA sequences. <b>2012</b> , 21, 4681-94	5
1370	Mitochondrial DNA (COI) analyses reveal that amphipod diversity is associated with environmental heterogeneity in deep-sea habitats. <b>2012</b> , 21, 4885-97	23
1369	Surprisingly diverged populations of <i>Saccharomyces cerevisiae</i> in natural environments remote from human activity. <b>2012</b> , 21, 5404-17	179
1368	Migration strategy affects avian influenza dynamics in mallards ( <i>Anas platyrhynchos</i> ). <b>2012</b> , 21, 5986-99	58
1367	DNA barcoding and morphology reveal three cryptic species of <i>Anania</i> (Lepidoptera: Crambidae: Pyraustinae) in North America, all distinct from their European counterpart. <b>2012</b> , 37, 686-705	28
1366	Dynamic evolution of bz orthologous regions in the Andropogoneae and other grasses. <b>2012</b> , 72, 212-21	11



1365	Discovery of a multigene family of aquaporin silicon transporters in the primitive plant <i>Equisetum arvense</i> . <b>2012</b> , 72, 320-30	94
1364	The microRNA miR171h modulates arbuscular mycorrhizal colonization of <i>Medicago truncatula</i> by targeting NSP2. <b>2012</b> , 72, 512-22	120
1363	Rampant host- and defensive phenotype-associated diversification in a goldenrod gall midge. <b>2012</b> , 25, 1991-2004	14
1362	'Representative Genes', is it OK to use a small amount of data to obtain a phylogeny that is at least close to the true tree?. <b>2012</b> , 25, 2661-4	13
1361	The Genetic Structure of Populations of Potato virus Y in Japan; Based on the Analysis of 20 Full Genomic Sequences. <b>2012</b> , 160, 661-673	35
1360	Differentiation under isolation and genetic structure of Sardinian hares as revealed by craniometric analysis, mitochondrial DNA and microsatellites. <b>2012</b> , 50, 328-337	7
1359	Molecular substitution rate increases in myrmecophilous lycaenid butterflies (Lepidoptera). <b>2012</b> , 41, 651-658	16
1358	Comparative analysis of mitochondrial genomes of <i>Rhizophagus irregularis</i> - syn. <i>Glomus irregulare</i> - reveals a polymorphism induced by variability generating elements. <b>2012</b> , 196, 1217-1227	45
1357	A role for an endosperm-localized subtilase in the control of seed size in legumes. <b>2012</b> , 196, 738-751	36
1356	Intraspecific variation in mitochondrial genome sequence, structure, and gene content in <i>Silene vulgaris</i> , an angiosperm with pervasive cytoplasmic male sterility. <b>2012</b> , 196, 1228-1239	77
1355	Minimally destructive DNA extraction from archaeological artefacts made from whale baleen. <b>2012</b> , 39, 3750-3753	9
1354	Conquering the Sahara and Arabian deserts: systematics and biogeography of <i>Stenodactylus</i> geckos (Reptilia: Gekkonidae). <b>2012</b> , 12, 258	63
1353	The Parvidrilidae - a diversified groundwater family: description of six new species from southern Europe, and clues for its phylogenetic position within Clitellata (Annelida). <b>2012</b> , 166, 530-558	12
1352	How often do they meet? Genetic similarity between European populations of a potential disease vector <i>Culex pipiens</i> . <b>2012</b> , 2,	4
1351	Influence of primer sequences and DNA extraction method on detection of non-O157 Shiga toxin-producing <i>Escherichia coli</i> in ground beef by real-time PCR targeting the <i>eae</i> , <i>stx</i> , and serogroup-specific genes. <b>2012</b> , 75, 1939-50	34
1350	Isolation and characterization of heavy metal tolerant Gram-positive bacteria with bioremediation properties from municipal waste rich soil of Kestopur canal (Kolkata), West Bengal, India. <b>2012</b> , 67, 827-836	29
1349	Discovery and characterization of terpenoid biosynthetic pathways of fungi. <b>2012</b> , 515, 83-105	31
1348	DNA barcoding applied to ex situ tropical amphibian conservation programme reveals cryptic diversity in captive populations. <b>2013</b> , 13, 1005-18	28

1347	The bacterial protein Hfq: much more than a mere RNA-binding factor. <b>2012</b> , 38, 276-99	110
1346	Evolution of an MCM complex in flies that promotes meiotic crossovers by blocking BLM helicase. <b>2012</b> , 338, 1363-5	48
1345	Rapid characterization of mitochondrial genome rearrangements in Australian songbirds using next-generation sequencing technology. <b>2012</b> , 103, 882-6	13
1344	Evaluation of different storage methods to characterize the fecal bacterial communities of captive western lowland gorillas ( <i>Gorilla gorilla gorilla</i> ). <b>2012</b> , 91, 45-51	46
1343	Metagenomic characterization of airborne viral DNA diversity in the near-surface atmosphere. <b>2012</b> , 86, 8221-31	90
1342	Identification and characterization of <i>Cronobacter</i> iron acquisition systems. <b>2012</b> , 78, 6035-50	39
1341	Revealing cryptic parasite diversity in a definitive host: echinostomes in muskrats. <b>2012</b> , 98, 1148-55	42
1340	Genome-wide identification, functional analysis and expression profiling of the Aux/IAA gene family in tomato. <b>2012</b> , 53, 659-72	102
1339	<i>Oxynema</i> , a New Genus Separated from the Genus <i>Phormidium</i> (Cyanophyta). <b>2012</b> , 33, 41-59	29
1338	A <i>Pseudomonas viridiflava</i> -related bacterium causes a dark-reddish spot disease in <i>Glycine max</i> . <b>2012</b> , 78, 3756-8	5
1337	Multiple microalgal partners in symbiosis with the acantharian <i>Acanthochiasma</i> sp. (Radiolaria). <b>2012</b> , 58, 233-244	26
1336	First proteome of the egg perivitelline fluid of a freshwater gastropod with aerial oviposition. <b>2012</b> , 11, 4240-8	47
1335	Diverse circular ssDNA viruses discovered in dragonflies (Odonata: Epiprocta). <b>2012</b> , 93, 2668-2681	140
1334	Modeling the evolution of drug resistance in malaria. <b>2012</b> , 26, 1343-53	8
1333	Relationship between hydrocarbons and molecular phylogeny of <i>Botryococcus braunii</i> . <b>2012</b> , 1, 114-119	57
1332	Novel gene rearrangements in the mitochondrial genome of a webspinner, <i>Aposthonia japonica</i> (Insecta: Embioptera). <b>2012</b> , 55, 222-33	25
1331	The first mitochondrial genome for the wasp superfamily Platygastroidea: the egg parasitoid <i>Trissolcus basalis</i> . <b>2012</b> , 55, 194-204	34
1330	Analysis of plant LTR-retrotransposons at the fine-scale family level reveals individual molecular patterns. <b>2012</b> , 13, 137	46

1329	A chloride tolerant laccase from the plant pathogen ascomycete <i>Botrytis aclada</i> expressed at high levels in <i>Pichia pastoris</i> . <b>2012</b> , 157, 304-14	53
1328	A retrospective study of the orthopoxvirus molecular evolution. <b>2012</b> , 12, 1597-604	27
1327	Estimating allele age and selection coefficient from time-serial data. <b>2012</b> , 192, 599-607	92
1326	Wheat CBF gene family: identification of polymorphisms in the CBF coding sequence. <b>2012</b> , 55, 865-81	11
1325	A new species of hydra (Cnidaria: Hydrozoa: Hydridae) and molecular phylogenetic analysis of six congeners from China. <b>2012</b> , 29, 856-62	1
1324	Impact of short-term acidification on nitrification and nitrifying bacterial community dynamics in soilless cultivation media. <b>2012</b> , 78, 6576-82	29
1323	Identification and characterization of a multifunctional dye peroxidase from a lignin-reactive bacterium. <b>2012</b> , 7, 2074-81	160
1322	Cryptic speciation in the field vole: a multilocus approach confirms three highly divergent lineages in Eurasia. <b>2012</b> , 21, 6015-32	51
1321	A New Species of Putatively Pond Breeding Frog of the Genus <i>Guibemantis</i> from Southeastern Madagascar. <b>2012</b> , 2012, 648-662	4
1320	Nomenclature Abstract for <i>Geobacillus Nazina</i> et al. 2001 emend. Aliyu et al. 2018.. <b>2012</b> ,	
1319	Carbon source-dependent expansion of the genetic code in bacteria. <b>2012</b> , 109, 21070-5	40
1318	Families Opisthorchiidae and Heterophyidae: are they distinct?. <b>2012</b> , 61, 90-3	53
1317	A novel herpesvirus associated with respiratory disease in Bourke's parrots ( <i>Neopsephotus bourkii</i> ). <b>2012</b> , 41, 531-9	12
1316	CDKF;1 and CDKD protein kinases regulate phosphorylation of serine residues in the C-terminal domain of Arabidopsis RNA polymerase II. <b>2012</b> , 24, 1626-42	56
1315	Characterization of a fungal thioesterase having Claisen cyclase and deacetylase activities in melanin biosynthesis. <b>2012</b> , 19, 1525-34	37
1314	A novel member of the trehalose transporter family functions as an h(+)-dependent trehalose transporter in the reabsorption of trehalose in malpighian tubules. <b>2012</b> , 3, 290	32
1313	Oil-producing flowers within the Iridoideae (Iridaceae): evolutionary trends in the flowers of the New World genera. <b>2012</b> , 110, 713-29	30
1312	Organization of Mhc class II A and B genes in the tilapiine fish <i>Oreochromis</i> . <b>2012</b> , 64, 679-90	23

1311	Does high intraspecific variability of two genome fragments indicate a recent speciation process of <i>Paramecium dodecaurelia</i> ( <i>P. aurelia</i> species complex, Ciliophora, Protozoa)? <b>2012</b> , 10, 289-304	2
1310	Species delimitation in annual killifishes from the Brazilian Caatinga, the <i>Hypsolebias flavicaudatus</i> complex (Cyprinodontiformes: Rivulidae): implications for taxonomy and conservation. <b>2012</b> , 10, 71-91	20
1309	Estimating divergence times in large molecular phylogenies. <b>2012</b> , 109, 19333-8	354
1308	Congruence Between Acoustic Traits and Genealogical History Reveals a New Species of <i>Dendropsophus</i> (Anura: Hylidae) in the High Andes of Colombia. <b>2012</b> , 68, 523-540	18
1307	Molecular and morphological evidence for the Holarctic distribution of <i>Urogonimus macrostomus</i> (Rudolphi, 1803) Monticelli, 1888 (Digenea: Leucochloridiidae). <b>2012</b> , 98, 880-2	9
1306	The Genus <i>Lactobacillus</i> : A Taxonomic Update. <b>2012</b> , 4, 217-26	163
1305	Cysteine peptidases and their inhibitors in <i>Tetranychus urticae</i> : a comparative genomic approach. <b>2012</b> , 13, 307	34
1304	DNA extraction techniques for DNA barcoding of minute gall-inhabiting wasps. <b>2012</b> , 12, 109-15	20
1303	Bacterial chitin utilisation at extremely haloalkaline conditions. <b>2012</b> , 16, 883-94	37
1302	Preliminary Study on Microsatellite and Mitochondrial DNA Variation of the Stone Marten <i>Martes foinain</i> Bulgaria. <b>2012</b> , 37, 353-358	9
1301	Expression of vomeronasal receptors and related signaling molecules in the nasal cavity of a caudate amphibian ( <i>Plethodon shermani</i> ). <b>2012</b> , 37, 335-46	18
1300	Congruent patterns of lineage diversity in two species complexes of planktonic crustaceans, <i>Daphnia longispina</i> (Cladocera) and <i>Eucyclops serrulatus</i> (Copepoda), in East European mountain lakes. <b>2012</b> , 166, 754-767	29
1299	Dynamics of hantavirus infections in humans and animals in Wuhan city, Hubei, China. <b>2012</b> , 12, 1614-21	11
1298	The new species <i>Codium recurvatum</i> from Tanzania. <b>2012</b> , 47, 216-222	7
1297	Current evidence for human yersiniosis in Ireland. <b>2012</b> , 31, 2969-81	3
1296	Range-wide and local drivers of genetic structure in an endangered California vernal pool endemic crustacean. <b>2012</b> , 13, 1577-1588	3
1295	Nitrogen removal from wastewater and bacterial diversity in activated sludge at different COD/N ratios and dissolved oxygen concentrations. <b>2012</b> , 24, 990-8	16
1294	The multidrug-resistant PMEN1 pneumococcus is a paradigm for genetic success. <b>2012</b> , 13, R103	39

1293	Genomic diversity of the human intestinal parasite <i>Entamoeba histolytica</i> . <b>2012</b> , 13, R38	31
1292	Changes in the suprageneric classification of Lasiocampidae (Lepidoptera) based on the nucleotide sequence of gene EF-1 $\beta$ . <b>2012</b> , 92, 531-547	3
1291	The life cycle of <i>Asymphylogora perccotti</i> sp. n. (Trematoda: Lissorchiidae) in the Russian Southern Far East. <b>2012</b> , 61, 235-41	20
1290	Genetic ancestor of external antigens of pandemic influenza A/H1N1 virus. <b>2012</b> , 4, 282-90	3
1289	<i>Allium ursinum</i> L. in Germany Surprisingly low genetic variability. <b>2012</b> , 123, 81-95	4
1288	Sperm polymorphism and genetic divergence in the mussel <i>Perumytilus purpuratus</i> . <b>2012</b> , 159, 1865-1870	13
1287	<i>Hypocrea britdaniae</i> and <i>H. foliicola</i> : two remarkable new European species. <b>2012</b> , 104, 1213-21	12
1286	Emergence of foot-and-mouth disease virus SAT 2 in Egypt during 2012. <b>2012</b> , 59, 476-81	67
1285	The nonribosomal synthesis of diketopiperazines in tRNA-dependent cyclodipeptide synthase pathways. <b>2012</b> , 29, 961-79	104
1284	<i>Mesorhizobium muleiense</i> sp. nov., nodulating with <i>Cicer arietinum</i> L. <b>2012</b> , 62, 2737-2742	59
1283	Low virulent infectious salmon anaemia virus (ISAV-HPR0) is prevalent and geographically structured in Norwegian salmon farming. <b>2012</b> , 101, 197-206	27
1282	A new species of <i>Cordylus</i> (Squamata: Cordylidae) from the Marungu Plateau of south-eastern Democratic Republic of the Congo. <b>2012</b> , 61, 14-39	14
1281	Characterization of the proteolytic system present in <i>Vasconcellea quercifolia</i> latex. <b>2012</b> , 236, 1471-84	12
1280	Feline infectious peritonitis virus with a large deletion in the 5'-terminal region of the spike gene retains its virulence for cats. <b>2012</b> , 93, 1930-1934	15
1279	Genetic diversity and geographic distribution of <i>Bemisia tabaci</i> (Gennadius) (Hemiptera: Aleyrodidae) genotypes associated with cassava in East Africa. <b>2012</b> , 2, 2749-62	36
1278	Microevolution of symbiotic <i>Bradyrhizobium</i> populations associated with soybeans in east North America. <b>2012</b> , 2, 2943-61	46
1277	Invasion history and demographic pattern of <i>Cryphonectria hypovirus</i> 1 across European populations of the chestnut blight fungus. <b>2012</b> , 2, 3227-41	51
1276	Generation of diversity by somatic mutation in the <i>Camelus dromedarius</i> T-cell receptor gamma variable domains. <b>2012</b> , 42, 3416-28	21

1275	Unusual substitutions in HIV-1 vif from children infected perinatally without progression to AIDS for more than 8 years without therapy. <b>2012</b> , 84, 1844-52	5
1274	Molecular epidemiology of recent HIV-1 infections in southern Poland. <b>2012</b> , 84, 1857-68	9
1273	Polyester production by halophilic and halotolerant bacterial strains obtained from mangrove soil samples located in Northern Vietnam. <b>2012</b> , 1, 395-406	30
1272	Genetic data reveal that water frogs of Cyprus (genus <i>Pelophylax</i> ) are an endemic species of Messinian origin. <b>2012</b> , 88, 261-283	18
1271	Skewed soldier sex ratio in termites: testing the size-threshold hypothesis. <b>2012</b> , 59, 557-563	13
1270	Evasion of Toll-like receptor 2 activation by staphylococcal superantigen-like protein 3. <b>2012</b> , 90, 1109-20	66
1269	A transposable element insertion within ZmGE2 gene is associated with increase in embryo to endosperm ratio in maize. <b>2012</b> , 125, 1463-71	26
1268	N-acyl homoserine lactone production by bacteria within the sponge <i>Suberites domuncula</i> (Olivi, 1792) (Porifera, Demospongiae). <b>2012</b> , 159, 1685-1692	18
1267	Population genetic analysis of <i>Ensis directus</i> unveils high genetic variation in the introduced range and reveals a new species from the NW Atlantic. <b>2012</b> , 159, 2209-2227	8
1266	Contrasting pattern of mitochondrial population diversity between an estuarine bivalve, the Kumamoto oyster <i>Crassostrea sikamea</i> , and the closely related Pacific oyster <i>C. gigas</i> . <b>2012</b> , 159, 2757-2776	14
1265	Lineage-specific evolution of T-cell immunoglobulin and mucin domain 1 gene in the primates. <b>2012</b> , 64, 669-78	6
1264	Structural and comparative analysis of the T cell receptor gamma (TRG) locus in <i>Oryctolagus cuniculus</i> . <b>2012</b> , 64, 773-9	13
1263	Immunogenetics of the NKG2D ligand gene family. <b>2012</b> , 64, 855-67	31
1262	Large-scale MHC class II genotyping of a wild lemur population by next generation sequencing. <b>2012</b> , 64, 895-913	24
1261	Exploring wild genetic resources of <i>Musa acuminata</i> Colla distributed in the humid forests of southern Western Ghats of peninsular India using ISSR markers. <b>2012</b> , 31, 1591-601	12
1260	Additive multiple k-mer transcriptome of the keelworm <i>Pomatoceros lamarckii</i> (Annelida; Serpulidae) reveals annelid trochophore transcription factor cassette. <b>2012</b> , 222, 325-39	10
1259	Molecular characterization of <i>Trypanosoma cruzi</i> and infection rate of the vector <i>Triatoma dimidiata</i> in Costa Rica. <b>2012</b> , 111, 1615-20	12
1258	Phylogenetic relationships of the genus <i>Eurytrema</i> from domestic and wild animal based on 18S rRNA sequences. <b>2012</b> , 111, 1637-44	7

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- 1256 Mycorrhizal diversity and specificity in *Lecanorchis* (Orchidaceae). **2012**, 22, 545-53 14
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1238	Aldehyde dehydrogenase protein superfamily in maize. <b>2012</b> , 12, 683-91	13
1237	Genetic divergence among three morphs of <i>Acentrogobius pflaumii</i> (Gobiidae) around Japan and their identification using multiplex haplotype-specific PCR of mitochondrial DNA. <b>2012</b> , 59, 216-222	5
1236	Identification of leptocephalus larvae of the tiger moray <i>Scuticaria tigrina</i> (Anguilliformes; Muraenidae) based on morphometric and genetic evidence. <b>2012</b> , 59, 378-383	8
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1234	Microwave radiation and reactor design influence microbial communities during methane fermentation. <b>2012</b> , 39, 1397-405	11
1233	Towards the discovery of alcohol dehydrogenases: NAD(P)H fluorescence-based screening and characterization of the newly isolated <i>Rhodococcus erythropolis</i> WZ010 in the preparation of chiral aryl secondary alcohols. <b>2012</b> , 39, 1431-43	12
1232	Co-fermentation of xylose and cellobiose by an engineered <i>Saccharomyces cerevisiae</i> . <b>2012</b> , 39, 1597-604	32
1231	First report of raspberry yellows disease caused by raspberry bushy dwarf virus in Japan. <b>2012</b> , 78, 360-363	8
1230	Identification of potato scab-causing <i>Streptomyces</i> sp. occurring in strongly acidic soils in Saga Prefecture in Japan. <b>2012</b> , 78, 353-359	9
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1220	Molecular identification of two species of the carnivorous sea slug <i>Philine</i> , invaders of the US west coast. <b>2012</b> , 14, 2447-2459	8
1219	Sibling species in South Indian populations of the rufous horse-shoe bat <i>Rhinolophus rouxii</i> . <b>2012</b> , 13, 1435-1445	8
1218	Genetic analysis suggests high conservation value of peripheral populations of Chihuahua chub ( <i>Gila nigrescens</i> ). <b>2012</b> , 13, 1317-1328	11
1217	Exploring the evolutionary differences of SBP-box genes targeted by miR156 and miR529 in plants. <b>2012</b> , 140, 317-24	22
1216	The invasion of Patagonia by Chinook salmon ( <i>Oncorhynchus tshawytscha</i> ): inferences from mitochondrial DNA patterns. <b>2012</b> , 140, 439-53	21
1215	Characterization of American hazelnut ( <i>Corylus americana</i> ) accessions and <i>Corylus americana</i> × <i>Corylus avellana</i> hybrids using microsatellite markers. <b>2012</b> , 59, 1055-1075	23
1214	Molecular characterization of four HMW glutenin genes from <i>Heteranthelium piliferum</i> C. E. Hubbard and <i>Henrardia persica</i> (Banks et Solander) Hochstetter. <b>2012</b> , 59, 1309-1318	3
1213	Isolation and characterization of the FVE gene of a <i>Doritaenopsis</i> hybrid involved in the regulation of flowering. <b>2012</b> , 68, 77-86	13
1212	The queer Tetraëron minimum from Lake Kivu (Eastern Africa): is it a result of a human impact?. <b>2012</b> , 698, 273-283	3
1211	Exploitation of conserved intron scanning as a tool for molecular marker development in the <i>Saccharum</i> complex. <b>2012</b> , 30, 987-999	6
1210	Identification of <i>Hortaea werneckii</i> Isolated from mangrove plant <i>Aegiceras comiculatum</i> based on morphology and rDNA sequences. <b>2012</b> , 174, 457-66	14
1209	Clusters of genes encoding fructan biosynthesizing enzymes in wheat and barley. <b>2012</b> , 80, 299-314	23
1208	Genome-wide analysis of lectin receptor-like kinase family from <i>Arabidopsis</i> and rice. <b>2012</b> , 80, 365-88	93
1207	Cloning and comparative analysis of carotenoid $\beta$ hydroxylase genes provides new insights into carotenoid metabolism in tetraploid ( <i>Triticum turgidum</i> ssp. <i>durum</i> ) and hexaploid ( <i>Triticum aestivum</i> ) wheat grains. <b>2012</b> , 80, 631-46	29
1206	A monogenean fish parasite, <i>Gyrodactylus chileani</i> n. sp., belonging to a novel marine species lineage found in the South-Eastern Pacific and the Mediterranean and North Seas. <b>2012</b> , 83, 159-67	16
1205	Cloning and characterization of a <i>Doritaenopsis</i> hybrid PRP39 gene involved in flowering time. <b>2012</b> , 110, 347-357	2
1204	The p19.7 RNA silencing suppressor from Grapevine leafroll-associated virus 3 shows different levels of activity across phylogenetic groups. <b>2012</b> , 45, 333-9	19

1203	Complete genome sequence of a velogenic Newcastle disease virus isolated in Mexico. <b>2012</b> , 45, 304-10	11
1202	Complete nucleotide sequence of an Argentinean isolate of sweet potato virus G. <b>2012</b> , 45, 593-5	11
1201	Sequence and phylogenetic analysis of host-range (E3L, K3L, and C7L) and structural protein (B5R) genes of buffalopox virus isolates from buffalo, cattle, and human in India. <b>2012</b> , 45, 488-98	13
1200	Genetic variation and phylogenetic analysis of porcine circovirus type 2 infections in central China. <b>2012</b> , 45, 463-73	16
1199	Analysis of EpapGV gp37 gene reveals a close relationship between granulovirus and entomopoxvirus. <b>2012</b> , 45, 610-3	8
1198	Mutation rate in Velvet tobacco mottle virus varies between genomic region and virus variant but is not influenced by obligatory mirid transmission. <b>2012</b> , 45, 575-80	3
1197	The Selection Exerted by Oil Contamination on Mangrove Fungal Communities. <b>2012</b> , 223, 4233-4243	17
1196	Development of EST-SSR markers and investigation of genetic relatedness in tung tree. <b>2012</b> , 8, 933-940	9
1195	Wolbachia infection in the <i>Loxoblemmus</i> complex (Orthoptera: Gryllidae) in Korea. <b>2012</b> , 15, 563-566	6
1194	Biological treatment of hexanitrostilbene (HNS) produced wastewater using an anaerobic/aerobic immobilized microbial system. <b>2012</b> , 213, 118-124	9
1193	Co-infection of <i>Borrelia afzelii</i> and <i>Bartonella</i> spp. in bank voles from a suburban forest. <b>2012</b> , 35, 583-9	21
1192	Multiple <i>Cryptosporidium</i> genotypes detected in wild black rats ( <i>Rattus rattus</i> ) from northern Australia. <b>2012</b> , 131, 404-12	25
1191	Heat shock protein 60 of filarial parasite <i>Brugia malayi</i> : cDNA cloning, expression, purification and in silico modeling and analysis of its ATP binding site. <b>2012</b> , 132, 257-66	8
1190	A cyanobacterium that contains chlorophyll <i>f</i> —a red-absorbing photopigment. <b>2012</b> , 586, 3249-54	113
1189	Evolution of three <i>Pyrenophora</i> cereal pathogens: recent divergence, speciation and evolution of non-coding DNA. <b>2012</b> , 49, 825-9	36
1188	Characterization of <i>Ficus carica</i> L. cultivars by DNA and secondary metabolite analysis: Is genetic diversity reflected in the chemical composition?. <b>2012</b> , 49, 710-719	20
1187	Why is the molecular identification of the forensically important blowfly species <i>Lucilia caesar</i> and <i>L. illustris</i> (family Calliphoridae) so problematic?. <b>2012</b> , 223, 153-9	37
1186	Characterization and evaluation of sex-specific expression of suppressors of cytokine signaling (SOCS)-1 and -3 in juvenile yellow perch ( <i>Perca flavescens</i> ) treated with lipopolysaccharide. <b>2012</b> , 33, 468-81	21

1185	Genomic characterization and expression analysis of complement component 9 in rock bream ( <i>Oplegnathus fasciatus</i> ). <b>2012</b> , 33, 707-17	16
1184	Three different anti-lipopolysaccharide factors identified from giant freshwater prawn, <i>Macrobrachium rosenbergii</i> . <b>2012</b> , 33, 766-74	27
1183	Four invertebrate-type lysozyme genes from triangle-shell pearl mussel ( <i>Hyriopsis cumingii</i> ). <b>2012</b> , 33, 909-15	22
1182	Ferritin H-like subunit from Manila clam ( <i>Ruditapes philippinarum</i> ): molecular insights as a potent player in host antibacterial defense. <b>2012</b> , 33, 926-36	23
1181	Expression profile of toll-like receptor 2 mRNA in selected tissues of shark ( <i>Chiloscyllium</i> sp.). <b>2012</b> , 33, 1174-82	10
1180	A plasma membrane Ca(2+)-ATPase (PMCA) from the liver fluke, <i>Fasciola hepatica</i> . <b>2012</b> , 42, 851-8	7
1179	Comparative analysis of <i>Tritrichomonas foetus</i> (Riedmüller, 1928) cat genotype, <i>T. foetus</i> (Riedmüller, 1928) cattle genotype and <i>Tritrichomonas suis</i> (Davaine, 1875) at 10 DNA loci. <b>2012</b> , 42, 1143-9	44
1178	Diversity in hydrogen evolution from bidirectional hydrogenases in cyanobacteria from terrestrial, freshwater and marine intertidal environments. <b>2012</b> , 162, 105-14	21
1177	Mycangial fungus benefits the development of a leaf-rolling weevil, <i>Euops chinesis</i> . <b>2012</b> , 58, 867-73	20
1176	Functional characterization of SlscADH1, a fruit-ripening-associated short-chain alcohol dehydrogenase of tomato. <b>2012</b> , 169, 1435-44	25
1175	A novel <i>Bacillus thuringiensis</i> strain and its pathogenicity against three important pest insects. <b>2012</b> , 51, 33-40	16
1174	<i>Borrelia</i> in Ethiopian ticks. <b>2012</b> , 3, 14-7	14
1173	Phylogeographical structure of the tick <i>Ixodes persulcatus</i> : a novel view. <b>2012</b> , 3, 212-8	6
1172	<i>Rickettsia raoultii</i> , the predominant <i>Rickettsia</i> found in Mongolian <i>Dermacentor nuttalli</i> . <b>2012</b> , 3, 227-31	30
1171	Candidatus <i>Rickettsia hoogstraalii</i> in Ethiopian <i>Argas persicus</i> ticks. <b>2012</b> , 3, 338-45	19
1170	First molecular detection of <i>Ehrlichia canis</i> and <i>Anaplasma platys</i> in ticks from dogs in Cebu, Philippines. <b>2012</b> , 3, 288-93	29
1169	Characterization of the neuraminidase of the H1N1/09 pandemic influenza virus. <b>2012</b> , 30, 7348-52	19
1168	Transcriptional profiling of inflammatory cytokine genes in African buffaloes ( <i>Syncerus caffer</i> ) infected with <i>Theileria parva</i> . <b>2012</b> , 148, 373-9	9

1167	Recent spreading of a divergent canine parvovirus type 2a (CPV-2a) strain in a CPV-2c homogenous population. <b>2012</b> , 155, 214-9	53
1166	Increasing porcine PARV4 prevalence with pig age in the U.S. pig population. <b>2012</b> , 160, 290-6	28
1165	Isolation and molecular characterization of a second serotype of the encephalomyocarditis virus. <b>2012</b> , 161, 49-57	20
1164	Genetic diversity of <i>Flavobacterium psychrophilum</i> isolated from rainbow trout in France: predominance of a clonal complex. <b>2012</b> , 161, 169-78	34
1163	Comparisons of mammalian <i>Giardia duodenalis</i> assemblages based on the <i>βgiardin</i> , glutamate dehydrogenase and triose phosphate isomerase genes. <b>2012</b> , 189, 182-8	37
1162	Cutaneous distribution and localization of <i>Cercopithifilaria</i> sp. <i>microfilariae</i> in dogs. <b>2012</b> , 190, 143-50	27
1161	Detection of <i>Planorbis planorbis</i> and <i>Anisus vortex</i> as first intermediate hosts of <i>Alaria alata</i> (Goeze, 1792) in natural conditions in France: molecular evidence. <b>2012</b> , 190, 151-8	15
1160	Molecular cloning, characterization and diagnostic performance of the <i>Schistosoma bovis</i> 22.6 antigen. <b>2012</b> , 190, 530-40	9
1159	Additional novel <i>Cryptosporidium</i> genotypes in ornamental fishes. <b>2012</b> , 190, 578-82	21
1158	Molecular characterization of subcutaneous and muscular coenurosis of goats in United Arab Emirates. <b>2012</b> , 190, 604-7	27
1157	Detection of substantial porcine group B rotavirus genetic diversity in the United States, resulting in a modified classification proposal for G genotypes. <b>2012</b> , 433, 85-96	59
1156	Population structure of Blackberry yellow vein associated virus, an emerging crinivirus. <b>2012</b> , 169, 272-5	18
1155	Australian monocot-infecting mastrevirus diversity rivals that in Africa. <b>2012</b> , 169, 127-36	16
1154	Bayesian coalescent analysis of pandemic H1N1 influenza A virus circulating in the South American region. <b>2012</b> , 170, 91-101	2
1153	Molecular analysis of hepatitis E virus from farm rabbits in Inner Mongolia, China and its successful propagation in A549 and PLC/PRF/5 cells. <b>2012</b> , 170, 126-37	39
1152	An oocyte-specific astacin family protease, alveolin, is released from cortical granules to trigger egg envelope hardening during fertilization in medaka ( <i>Oryzias latipes</i> ). <b>2012</b> , 372, 239-48	18
1151	De novo transcriptome sequencing of <i>Momordica cochinchinensis</i> to identify genes involved in the carotenoid biosynthesis. <b>2012</b> , 79, 413-27	61
1150	Outdated but established?! Conchologically driven species delineations in microgastropods (Carychiidae, <i>Carychium</i> ). <b>2012</b> , 12, 377-386	7

1149	Comparative effectiveness of <i>Bacillus</i> spp. possessing either dual or single growth-promoting traits for improving phosphorus uptake, growth and yield of wheat ( <i>Triticum aestivum</i> L.). <b>2012</b> , 62, 1109-1119	43
1148	mRNA sequence analysis and quantitative expression of the ADAMTS4 gene in the thoroughbred horse. <b>2012</b> , 34, 441-445	1
1147	The NPR1 family of transcription cofactors in papaya: insights into its structure, phylogeny and expression. <b>2012</b> , 34, 379-390	14
1146	Identification and molecular evolutionary analysis of TLR5 gene from the Tibetan macaque ( <i>Macaca thibetana</i> ). <b>2012</b> , 34, 423-428	4
1145	Molecular characterization and in silico analysis of RNA polymerase alpha subunit gene ( <i>rpoA</i> ) in Date Palm ( <i>Phoenix dactylifera</i> L.) cv. Deglet Nour. <b>2012</b> , 34, 599-608	2
1144	Phylogenetic analysis of allexiviruses identified on garlic from Australia. <b>2012</b> , 7, 23-27	10
1143	Molecular evidence reveals presence of <i>Rhizoctonia solani</i> AG 1-IB on <i>Tagetes patula</i> in India. <b>2012</b> , 7, 63-66	2
1142	First report of an isolate of Japanese iris necrotic ring virus from Australia. <b>2012</b> , 7, 107-110	2
1141	First report of Sweet potato leaf curl virus infecting sweet potato in Argentina. <b>2012</b> , 7, 157-160	11
1140	Cloning and Sequence Analysis of N Gene of Transmissible Gastroenteritis Virus HYM-09 Isolated from Dog in China. <b>2012</b> , 23, 364-7	1
1139	Bacteriome-associated endosymbionts of the green rice leafhopper <i>Nephotettix cincticeps</i> (Hemiptera: Cicadellidae). <b>2012</b> , 47, 217-225	67
1138	Nuclear mitochondrial DNA: an Achilles heel of molecular systematics, phylogenetics, and phylogeographic studies of stingless bees. <b>2012</b> , 43, 527-538	13
1137	The Atlantic side of the Iberian Peninsula: a hot-spot of novel African honey bee maternal diversity. <b>2012</b> , 43, 663-673	21
1136	Taxonomy of <i>Mechanitis</i> (f.) (Lepidoptera: Nymphalidae) from the west Colombian Andes: an integrative approach. <b>2012</b> , 41, 472-84	3
1135	Characterization of regiospecific flavonoid 3 $\prime$ /5 $\prime$ -O-methyltransferase from tomato and its application in flavonoid biotransformation. <b>2012</b> , 55, 749-755	10
1134	High Shrew Diversity on Alaska's Seward Peninsula: Community Assembly and Environmental Change. <b>2012</b> , 93, 101-110	4
1133	Bioinformatic characterization of epsA Gene from <i>Riemerella anatipestifer</i> . <b>2012</b> ,	
1132	Preliminary insights into the phylogeography of the yellow-bellied sea snake, <i>Pelamis platurus</i> . <b>2012</b> , 52, 321-30	18

1131	Flower-specific KNOX phenotype in the orchid <i>Dactylorhiza fuchsii</i> . <b>2012</b> , 63, 4811-9	14
1130	Proteomics reveals plastid- and periplastid-targeted proteins in the chlorarachniophyte alga <i>Bigeloviella natans</i> . <b>2012</b> , 4, 1391-406	28
1129	Presence of hepatitis E RNA in mussels used as bio-monitors of viral marine pollution. <b>2012</b> , 186, 198-202	33
1128	Evolution and diversification of Group 1 [NiFe] hydrogenases. Is there a phylogenetic marker for O(2)-tolerance?. <b>2012</b> , 1817, 1565-75	54
1127	Heterologous expression and biochemical characterization of recombinant alpha phosphoglucomutase from <i>Mycobacterium tuberculosis</i> H37Rv. <b>2012</b> , 85, 117-24	6
1126	Genus-level taxonomic changes implied by the mitochondrial phylogeny of grey mullets (Teleostei: Mugilidae). <b>2012</b> , 335, 687-97	33
1125	Molecular detection of prokaryote and protozoan parasites in the commercial bivalve <i>Ruditapes decussatus</i> from southern Portugal. <b>2012</b> , 370-371, 61-67	8
1124	Molecular phylogenetics in 2D: ITS2 rRNA evolution and sequence-structure barcode from Veneridae to Bivalvia. <b>2012</b> , 65, 792-8	24
1123	Genetic divergence and population demography of the Hainan endemic Black-throated Laughingthrush (Aves: Timaliidae, <i>Garrulax chinensis monachus</i> ) and adjacent mainland subspecies. <b>2012</b> , 65, 482-9	13
1122	Prevalence of tick-borne encephalitis virus in ixodid ticks collected from the republic of Korea during 2011-2012. <b>2012</b> , 3, 213-21	24
1121	Phylogenetics and evolution of Trx SET genes in fully sequenced land plants. <b>2012</b> , 55, 269-80	4
1120	Molecular cloning, expression, and characterization of starfish DNA (cytosine-5)-methyltransferases. <b>2012</b> , 76, 1661-71	4
1119	Phylogenetic analysis of human immunodeficiency virus type 1 subtype C env gp120 sequences among four drug-naive families following subsequent heterosexual and vertical transmissions. <b>2012</b> , 28, 885-93	2
1118	Putative canine origin of rotavirus strain detected in a child with diarrhea, Taiwan. <b>2012</b> , 12, 170-3	9
1117	Isolation of yellow fever virus from mosquitoes in Misiones province, Argentina. <b>2012</b> , 12, 986-93	25
1116	Effects of fragmentation on genetic variation in populations of the terrestrial earthworm <i>Drawida japonica</i> Michaelsen, 1892 (Oligochaeta, Moniligastridae) in Shandong and Liaodong peninsulas, China. <b>2012</b> , 46, 1387-1405	2
1115	<i>Actinoplanes rishiriensis</i> sp. nov., a novel motile actinomycete isolated by rehydration and centrifugation method. <b>2012</b> , 65, 249-53	6
1114	The complete mitochondrial genome of the spotted steed, <i>Hemibarbus maculatus</i> (Teleostei, Cypriniformes). <b>2012</b> , 23, 34-6	39

1113	Dynamics of arginase gene evolution in metazoans. <b>2012</b> , 30, 407-18	8
1112	The first case of a bull persistently infected with Border disease virus in New Zealand. <b>2012</b> , 60, 290-6	21
1111	Evolution and radiation in the scorpion <i>Buthus elmoutaouakili</i> Lourenco and Qi 2006 (Scorpiones: Buthidae) at the foothills of the Atlas Mountains (North Africa). <b>2012</b> , 103, 221-9	15
1110	Striking natural diversity in glandular trichome acylsugar composition is shaped by variation at the <i>Acyltransferase2</i> locus in the wild tomato <i>Solanum habrochaites</i> . <b>2012</b> , 160, 1854-70	62
1109	A New Species of Springsnail ( <i>Pyrgulopsis</i> ) from the Owyhee River Basin, Nevada. <b>2012</b> , 72, 21-31	4
1108	Bacterial Bulb Decay of Summer Snowflake/ <i>Leucojum Aestivum</i> L./ <b>2012</b> , 26, 3338-3344	2
1107	Two Color Variants of <i>Sternidius alpha</i> (Say) (Coleoptera: Cerambycidae) Show Dissimilar Cytochrome Oxidase I Genes. <b>2012</b> , 66, 333-336	
1106	Mitochondrial DNA Sequence Variation in Saugers. <b>2012</b> , 141, 795-801	1
1105	<i>Paraconcinnum leirsin</i> .sp. (Trematoda: Dicrocoeliidae) from Rodents in Tanzania and its Phylogenetic Position within the Dicrocoeliids. <b>2012</b> , 47, 326-331	4
1104	Morphological taxonomy and molecular divergence of four balitorid species (subfamily: Nemachelinae) from Central Himalaya, India. <b>2012</b> , 23, 239-49	1
1103	Cinnamate:CoA ligase initiates the biosynthesis of a benzoate-derived xanthone phytoalexin in <i>Hypericum calycinum</i> cell cultures. <b>2012</b> , 160, 1267-80	48
1102	Phylogeny and photosynthetic pathway distribution in <i>Anticharis</i> Endl. (Scrophulariaceae). <b>2012</b> , 63, 5645-58	28
1101	Molecular identification tools for sibling species of <i>Scedosporium</i> and <i>Pseudallescheria</i> . <b>2012</b> , 50, 497-508	23
1100	The complete mitochondrial genome of <i>Chrysopa pallens</i> (Insecta, Neuroptera, Chrysopidae). <b>2012</b> , 23, 373-5	9
1099	Molecular phylogenetic and expression analysis of the complete WRKY transcription factor family in maize. <b>2012</b> , 19, 153-64	174
1098	Phylogeography of <i>Trichuris</i> populations isolated from different Cricetidae rodents. <b>2012</b> , 139, 1795-812	14
1097	Next-generation sequencing for rodent barcoding: species identification from fresh, degraded and environmental samples. <b>2012</b> , 7, e48374	75
1096	The complete chloroplast genome of <i>Ginkgo biloba</i> reveals the mechanism of inverted repeat contraction. <b>2012</b> , 4, 374-81	73

1095	Porcine reproductive and respiratory syndrome virus: interlaboratory ring trial to evaluate real-time reverse transcription polymerase chain reaction detection methods. <b>2012</b> , 24, 855-66	33
1094	Epidemic characteristics of hand, foot, and mouth disease in Shanghai from 2009 to 2010: Enterovirus 71 subgenotype C4 as the primary causative agent and a high incidence of mixed infections with coxsackievirus A16. <b>2012</b> , 44, 297-305	54
1093	Morphological and Genetic Identification of the Validity of the Species <i>Atrina chinensis</i> (Bivalvia: Pinnidae). <b>2012</b> , 31, 739-747	7
1092	The role of lactoferrin binding protein B in mediating protection against human lactoferricin. <b>2012</b> , 90, 417-23	21
1091	Three new earthworms of the genus <i>Amyntas</i> (Megascolecidae: Oligochaeta) from eastern Taiwan with redescription of <i>Amyntas hongyehensis</i> Tsai and Shen, 2010. <b>2012</b> , 46, 2259-2283	2
1090	Untangling the complex: molecular patterns in <i>Trachylepis variegata</i> and <i>T. punctulata</i> (Reptilia: Scincidae). <b>2012</b> , 61, 128-142	6
1089	Identification and expression analysis of arbuscular mycorrhiza-inducible phosphate transporter genes of soybean. <b>2012</b> , 76, 309-13	44
1088	In vitro recombinants of antibiotic-resistant <i>Chlamydia trachomatis</i> strains have statistically more breakpoints than clinical recombinants for the same sequenced loci and exhibit selection at unexpected loci. <b>2012</b> , 194, 617-26	8
1087	Chitin synthase 1 gene and its two alternative splicing variants from two sap-sucking insects, <i>Nilaparvata lugens</i> and <i>Laodelphax striatellus</i> (Hemiptera: Delphacidae). <b>2012</b> , 42, 637-46	88
1086	UDP-glycosyltransferases from the UGT73C subfamily in <i>Barbarea vulgaris</i> catalyze saponin 3-O-glucosylation in saponin-mediated insect resistance. <b>2012</b> , 160, 1881-95	96
1085	The restricted binding repertoire of Bcl-2 leaves Bim as the universal BH3-only prosurvival Bcl-2 protein antagonist. <b>2012</b> , 3, e443	41
1084	Genomic perspectives on the evolution of fungal entomopathogenicity in <i>Beauveria bassiana</i> . <b>2012</b> , 2, 483	413
1083	<i>Nocardioides lianchengensis</i> sp. nov., an actinomycete isolated from soil. <b>2012</b> , 62, 2698-2702	5
1082	Computer System for Analysis of Molecular Evolution Modes (SAMEM): analysis of molecular evolution modes at deep inner branches of the phylogenetic tree. <b>2011</b> , 11, 109-23	5
1081	Identification of bird species and their prey using DNA barcode on feces from Korean traditional village groves and forests (maeulsoop). <b>2012</b> , 16, 488-497	17
1080	Genetic structure of <i>Octopus vulgaris</i> (Cephalopoda, Octopodidae) in the central Mediterranean Sea inferred from the mitochondrial COIII gene. <b>2012</b> , 335, 625-36	19
1079	<i>Brassicibacter mesophilus</i> gen. nov., sp. nov., a strictly anaerobic bacterium isolated from food industry wastewater. <b>2012</b> , 62, 3018-3023	40
1078	Karyotypes of two species of Malagasy ground gecko ( <i>Paroedura</i> : Gekkonidae). <b>2012</b> , 61, 81-90	10



1077	Exploring the transcriptome of Atlantic salmon ( <i>Salmo salar</i> ) skin, a major defense organ. <b>2012</b> , 14, 559-69	59
1076	Geographical variation of haemosporidian parasites in Turkish populations of Krüper's Nuthatch <i>Sitta krueperi</i> . <b>2012</b> , 153, 1225-1231	6
1075	Phylodynamics of Pepino mosaic virus in Spain. <b>2012</b> , 134, 445-449	18
1074	Identification and characterization of biologically distinct isolates of Iris yellow spot virus (genus <i>Tospovirus</i> , family <i>Bunyaviridae</i> ), a serious pathogen of onion. <b>2012</b> , 134, 97-104	7
1073	Characterisation of a 16SrII phytoplasma strain associated with bushy stunt of hawkweed oxtongue ( <i>Picris hieracioides</i> ) in south-eastern Serbia and the role of the leafhopper <i>Neoaliturus fenestratus</i> ( <i>Deltocephalinae</i> ) as a natural vector. <b>2012</b> , 134, 647-660	23
1072	Molecular characterization of Chinese Hop stunt viroid isolates reveals a new phylogenetic group and possible cross transmission between grapevine and stone fruits. <b>2012</b> , 134, 217-225	7
1071	Identification and incidence of Iris yellow spot virus in <i>Allium</i> field crops in Southwest Germany. <b>2012</b> , 134, 345-356	6
1070	Involvement of FGF9/16/20 subfamily in female germ cell development of the Nile tilapia, <i>Oreochromis niloticus</i> . <b>2012</b> , 38, 1427-39	17
1069	Isolation and Characterization of a Novel Phenol Degrading Bacterial Strain WUST-C1. <b>2012</b> , 1210171135070003	
1068	Stem hydraulic traits and leaf water-stress tolerance are co-ordinated with the leaf phenology of angiosperm trees in an Asian tropical dry karst forest. <b>2012</b> , 110, 189-99	95
1067	Resistance to broad-spectrum antibiotics in aquatic systems: anthropogenic activities modulate the dissemination of <i>bla</i> (CTX-M)-like genes. <b>2012</b> , 78, 4134-40	117
1066	Discovery and characterization of a group of fungal polycyclic polyketide prenyltransferases. <b>2012</b> , 134, 9428-37	48
1065	Restriction fragment length analysis of the cytochrome b gene and muscle fatty acid composition differentiate the cryptic flatfish species <i>Solea solea</i> and <i>Solea aegyptiaca</i> . <b>2012</b> , 60, 7941-8	6
1064	<i>Metschnikowia proteae</i> sp. nov., a nectarivorous insect-associated yeast species from Africa. <b>2012</b> , 62, 2538-2545	18
1063	Evolutionary divergence of sedoheptulose 7-phosphate cyclases leads to several distinct cyclic products. <b>2012</b> , 134, 12219-29	30
1062	Two new species of <i>Hudsonimyia</i> Roback, 1979 (Diptera: Chironomidae: Tanypodinae) from Neotropical Region unveiled by morphology and DNA barcoding. <b>2012</b> , 46, 1615-1638	12
1061	Phylogenetic analysis of <i>Codium</i> species from Brazil, with the description of the new species <i>C. pernambucensis</i> (Bryopsidales, Chlorophyta). <b>2012</b> , 47, 355-365	16
1060	Beyond ethylmalonyl-CoA: the functional role of crotonyl-CoA carboxylase/reductase homologs in expanding polyketide diversity. <b>2012</b> , 29, 72-86	107

1059	The N-terminus and the chain-length determination domain play a role in the length of the isoprenoid product of the bifunctional <i>Toxoplasma gondii</i> farnesyl diphosphate synthase. <b>2012</b> , 51, 7533-40	9
1058	Biodiversity characterization of cellulolytic bacteria present on native Chaco soil by comparison of ribosomal RNA genes. <b>2012</b> , 163, 221-32	50
1057	Molecular and phenotypic characterization of <i>Acinetobacter</i> strains able to degrade diesel fuel. <b>2012</b> , 163, 161-72	32
1056	Engineering genes for predictable protein expression. <b>2012</b> , 83, 37-46	109
1055	Identification and characterization of a new xylanase from Gram-positive bacteria isolated from termite gut ( <i>Reticulitermes santonensis</i> ). <b>2012</b> , 83, 117-27	27
1054	Functional characterization of an allatotropin receptor expressed in the corpora allata of mosquitoes. <b>2012</b> , 34, 201-8	41
1053	Characterization and mapping of a putative laccase-like multicopper oxidase gene in the barley ( <i>Hordeum vulgare</i> L.). <b>2012</b> , 183, 77-85	2
1052	Differential contribution of individual dehydrin genes from <i>Physcomitrella patens</i> to salt and osmotic stress tolerance. <b>2012</b> , 190, 89-102	45
1051	Assessment of sequence variability in putative parasitism factor, expansin (expB2) from diverse populations of potato cyst nematode <i>Globodera rostochiensis</i> . <b>2012</b> , 79, 49-54	3
1050	HI responses induced by seasonal influenza vaccination are associated with clinical protection and with seroprotection against non-homologous strains. <b>2012</b> , 30, 5262-9	18
1049	Identification of four novel subgenotypes (C13-C16) and two inter-genotypic recombinants (C12/G and C13/B3) of hepatitis B virus in Papua province, Indonesia. <b>2012</b> , 163, 129-40	41
1048	Human papillomaviruses 53 and 66: clinical aspects and genetic analysis. <b>2012</b> , 163, 212-22	7
1047	Genomic and biological analysis of Grapevine leafroll-associated virus 7 reveals a possible new genus within the family Closteroviridae. <b>2012</b> , 163, 302-9	70
1046	Genetic analysis of hantaviruses and their rodent hosts in central-south China. <b>2012</b> , 163, 439-47	15
1045	Genetic variation of porcine circovirus type 2 (PCV2) and its relevance to vaccination, pathogenesis and diagnosis. <b>2012</b> , 164, 68-77	60
1044	Sequence and phylogenetic analyses of nonstructural protein 2 genes of species B porcine rotaviruses detected in Japan during 2001-2009. <b>2012</b> , 165, 46-51	16
1043	Rabies virus distribution in tissues and molecular characterization of strains from naturally infected non-hematophagous bats. <b>2012</b> , 165, 119-25	25
1042	Molecular characterisation of dicot-infecting mastreviruses from Australia. <b>2012</b> , 166, 13-22	33

1041	Molecular characterisation of a novel cassava associated circular ssDNA virus. <b>2012</b> , 166, 130-5	49
1040	Genomic characterization of seven distinct bat coronaviruses in Kenya. <b>2012</b> , 167, 67-73	24
1039	Genetic characterization of an insect-specific flavivirus isolated from <i>Culex theileri</i> mosquitoes collected in southern Portugal. <b>2012</b> , 167, 152-61	29
1038	Complete genomic characterization of two tick-borne encephalitis viruses isolated from China. <b>2012</b> , 167, 310-3	21
1037	Bottled mineral water as a potential source of antibiotic resistant bacteria. <b>2012</b> , 46, 3612-22	63
1036	Molecular characterization of prostaglandin F receptor (FP) and E receptor subtype 1 (EP1) in zebrafish. <b>2012</b> , 178, 216-26	7
1035	Genomic and functional characterization of the diverse immunoglobulin domain-containing protein (DICP) family. <b>2012</b> , 99, 282-91	16
1034	Involvement of AmphiREL, a Rel-like gene identified in <i>Brachiastoma belcheri</i> , in LPS-induced response: implication for evolution of Rel subfamily genes. <b>2012</b> , 99, 361-9	10
1033	28S junctions and chimeric elements of the rDNA targeting non-LTR retrotransposon R2 in crustacean living fossils (Branchiopoda, Notostraca). <b>2012</b> , 100, 51-6	6
1032	Multilocus species tree analyses resolve the radiation of the widespread <i>Bufo bufo</i> species group (Anura, Bufonidae). <b>2012</b> , 62, 71-86	56
1031	Phylogeny and historical biogeography of ancient assassin spiders (Araneae: Archaeidae) in the Australian mesic zone: evidence for Miocene speciation within Tertiary refugia. <b>2012</b> , 62, 375-96	62
1030	Understanding the colonization history of the Galápagos flycatcher ( <i>Myiarchus magnirostris</i> ). <b>2012</b> , 63, 244-54	11
1029	Neogene climatic oscillations shape the biogeography and evolutionary history of the Eurasian blindsnake. <b>2012</b> , 62, 856-73	45
1028	A mitochondrial DNA phylogeny of the endangered vipers of the <i>Vipera ursinii</i> complex. <b>2012</b> , 62, 1019-24	16
1027	Molecular phylogenetics and historical biogeography of the west-palaearctic common toads ( <i>Bufo bufo</i> species complex). <b>2012</b> , 63, 113-30	65
1026	Evolution and biogeography of an emerging quasispecies: diversity patterns of the fish Viral Hemorrhagic Septicemia virus (VHSV). <b>2012</b> , 63, 327-41	58
1025	Molecular systematics of <i>Batrachoseps</i> (Caudata, Plethodontidae) in southern California and Baja California: mitochondrial-nuclear DNA discordance and the evolutionary history of <i>B. major</i> . <b>2012</b> , 63, 131-49	18
1024	Amino acid sequence coevolution in the insect bursicon ligand-receptor system. <b>2012</b> , 63, 617-24	2

1023	Phylogeny of the Asian Eutropis (Squamata: Scincidae) reveals an 'into India' endemic Indian radiation. <b>2012</b> , 63, 817-24	30
1022	Phylogenetic analysis of ticks (Acari: Ixodida) using mitochondrial genomes and nuclear rRNA genes indicates that the genus Amblyomma is polyphyletic. <b>2012</b> , 64, 45-55	65
1021	Systematics of the grey mullets (Teleostei: Mugiliformes: Mugilidae): molecular phylogenetic evidence challenges two centuries of morphology-based taxonomy. <b>2012</b> , 64, 73-92	108
1020	Non-monophyly and deep genetic differentiation across low-elevation barriers in a Neotropical montane bird ( <i>Basileuterus tristriatus</i> ; Aves: Parulidae). <b>2012</b> , 64, 156-65	66
1019	Lineage-specific fragmentation and nuclear relocation of the mitochondrial <i>cox2</i> gene in chlorophycean green algae (Chlorophyta). <b>2012</b> , 64, 166-76	17
1018	Molecular phylogeny of Aphyocharacinae (Characiformes, Characidae) with morphological diagnoses for the subfamily and recognized genera. <b>2012</b> , 64, 297-307	19
1017	A multilocus perspective on the speciation history of a North American aridland toad ( <i>Anaxyrus punctatus</i> ). <b>2012</b> , 64, 393-400	17
1016	Evidence for the persistence of the land planarian species <i>Microplana terrestris</i> (Müller, 1774) (Platyhelminthes, Tricladida) in microrefugia during the Last Glacial Maximum in the northern section of the Iberian Peninsula. <b>2012</b> , 64, 491-9	15
1015	Novel insights into the phylogenetic relationships of the endangered marsupial genus <i>Potorous</i> . <b>2012</b> , 64, 592-602	14
1014	The influence of riverine barriers on phylogeographic patterns of Malagasy reed frogs ( <i>Heterixalus</i> ). <b>2012</b> , 64, 618-32	28
1013	Rapid range expansion in the Great Plains narrow-mouthed toad ( <i>Gastrophryne olivacea</i> ) and a revised taxonomy for North American microhylids. <b>2012</b> , 64, 645-53	12
1012	Genetic divergence, speciation and biogeography of <i>Mustelus</i> (sharks) in the central Indo-Pacific and Australasia. <b>2012</b> , 64, 697-703	13
1011	Nuclear and mitochondrial markers reveal evidence for genetically segregated cryptic speciation in giant Pacific octopuses from Prince William Sound, Alaska. <b>2012</b> , 13, 1483-1497	17
1010	Prevalence of the symbiont <i>Cardinium</i> in <i>Culicoides</i> (Diptera: Ceratopogonidae) vector species is associated with land surface temperature. <b>2012</b> , 26, 4025-34	36
1009	Hantaviruses in rodents and humans, Xi'an, PR China. <b>2012</b> , 93, 2227-2236	24
1008	Patterns of Genetic Differentiation Among Populations of <i>Smilisca fodiens</i> . <b>2012</b> , 68, 226-235	7
1007	Molecular phylogeny, classification and evolution of conopeptides. <b>2012</b> , 74, 297-309	63
1006	Cryptic species within the commercially most important lobster in the tropical Atlantic, the spiny lobster <i>Panulirus argus</i> . <b>2012</b> , 159, 1897-1906	29

1005	Bryan Shearwaters Have Survived on the Bonin Islands, Northwestern Pacific. <b>2012</b> , 114, 507-512	10
1004	Female dimorphism in Japanese diving beetle <i>Dytiscus marginalis czerskii</i> (Coleoptera: Dytiscidae) evidenced by mitochondrial gene sequence analysis. <b>2012</b> , 15, 357-360	2
1003	Characterization of sFRP2-like in amphioxus: insights into the evolutionary conservation of Wnt antagonizing function. <b>2012</b> , 14, 168-77	9
1002	Temperature increases from 55 to 75 °C in a two-phase biogas reactor result in fundamental alterations within the bacterial and archaeal community structure. <b>2012</b> , 96, 565-76	42
1001	'Candidatus Phytoplasma convolvuli', a new phytoplasma taxon associated with bindweed yellows in four European countries. <b>2012</b> , 62, 2910-2915	29
1000	Insight into the evolution of magnetotaxis in <i>Magnetospirillum</i> spp., based on mam gene phylogeny. <b>2012</b> , 78, 7238-48	30
999	Diagnosis of Asian Raiamas (Teleostei: Cyprinidae: Chedrina) with comments on chedrin relationships and previously proposed diagnostic characters for <i>Opsaridium</i> and <i>Raiamas</i> . <b>2012</b> , 59, 328-341	4
998	Cell wall teichoic acids of <i>Bacillus licheniformis</i> VKM B-511T, <i>Bacillus pumilus</i> VKM B-508T, and other strains previously assigned to <i>Bacillus pumilus</i> . <b>2012</b> , 81, 425-434	1
997	Complete genome sequence of <i>Acinetobacter baumannii</i> MDR-TJ and insights into its mechanism of antibiotic resistance. <b>2012</b> , 67, 2825-32	57
996	From Amazonia to the Atlantic forest: molecular phylogeny of <i>Phyzelaphryninae</i> frogs reveals unexpected diversity and a striking biogeographic pattern emphasizing conservation challenges. <b>2012</b> , 65, 547-61	96
995	Ribosomal multilocus sequence typing: universal characterization of bacteria from domain to strain. <b>2012</b> , 158, 1005-1015	325
994	Structure and regulon of <i>Campylobacter jejuni</i> ferric uptake regulator Fur define apo-Fur regulation. <b>2012</b> , 109, 10047-52	102
993	Taxonomic revision of Bolivian <i>Juscelinomys</i> (Rodentia, Cricetidae) with notes on morphology and ecology. <b>2012</b> , 76,	5
992	Discovery of a novel <i>Torque teno sus</i> virus species: genetic characterization, epidemiological assessment and disease association. <b>2012</b> , 93, 2682-2691	22
991	Lignin-degrading peroxidases from genome of selective ligninolytic fungus <i>Ceriporiopsis subvermispora</i> . <b>2012</b> , 287, 16903-16	68
990	Dinitrogen fixation in a unicellular chlorophyll d-containing cyanobacterium. <b>2012</b> , 6, 1367-77	25
989	Isolation, preliminary characterization, and full-genome analyses of tick-borne encephalitis virus from Mongolia. <b>2012</b> , 45, 413-25	20
988	Residency and a Broad Feeding Spectrum are Related to Extensive Spatial Exploration in Parrots*. <b>2012</b> , 23, 1365-1371	9

987	Genetic characterization of the Wyeomyia group of orthobunyaviruses and their phylogenetic relationships. <b>2012</b> , 93, 1023-1034	38
986	Rethinking the evolution of single-stranded RNA (ssRNA) bacteriophages based on genomic sequences and characterizations of two R-plasmid-dependent ssRNA phages, C-1 and Hgal1. <b>2012</b> , 194, 5073-9	16
985	Metagenomic analyses of drinking water receiving different disinfection treatments. <b>2012</b> , 78, 6095-102	143
984	How did sea spiders recolonize the Chilean fjords after glaciation? DNA barcoding of Pycnogonida, with remarks on phylogeography of Achelia assimilis (Haswell, 1885). <b>2012</b> , 10, 361-374	12
983	Evolution of novel reassortant A/H3N2 influenza viruses in North American swine and humans, 2009-2011. <b>2012</b> , 86, 8872-8	99
982	Fe(III) reduction and U(VI) immobilization by Paenibacillus sp. strain 300A, isolated from Hanford 300A subsurface sediments. <b>2012</b> , 78, 8001-9	17
981	A critical revision of the churchill snoutfish, genus Petrocephalus Marcusen, 1854 (Actinopterygii: Teleostei: Mormyridae), from southern and eastern Africa, with the recognition of Petrocephalus tanensis, and the description of five new species. <b>2012</b> , 46, 2179-2258	17
980	ACC deaminase genes are conserved among Mesorhizobium species able to nodulate the same host plant. <b>2012</b> , 336, 26-37	44
979	Borrelia hispanica in Ornithodoros erraticus, Portugal. <b>2012</b> , 18, 696-701	17
978	Rapid and accurate identification of genomic species from the Acinetobacter baumannii (Ab) group by MALDI-TOF MS. <b>2012</b> , 18, 1097-103	70
977	Outbreak of hand, foot and mouth disease/herpangina associated with coxsackievirus A6 and A10 infections in 2010, France: a large citywide, prospective observational study. <b>2012</b> , 18, E110-8	171
976	Population genetic structure of a threatened tortoise across the south-eastern United States: implications for conservation management. <b>2012</b> , 15, 613-625	13
975	Packing a pinch: functional implications of chela shapes in scorpions using finite element analysis. <b>2012</b> , 220, 423-34	30
974	Phylogeographic patterns of Buthus scorpions (Scorpiones: Buthidae) in the Maghreb and South-Western Europe based on CO1 mtDNA sequences. <b>2012</b> , 288, 66-75	16
973	Phylogenetic relationship of two threatened endemic viverrids from the Sunda Islands, Hose's civet and Sulawesi civet. <b>2012</b> , 288, 184-190	6
972	Complex evolutionary history and diverse domain organization of SET proteins suggest divergent regulatory interactions. <b>2012</b> , 195, 248-63	43
971	Origin of strigolactones in the green lineage. <b>2012</b> , 195, 857-871	204
970	Highly conserved low-copy nuclear genes as effective markers for phylogenetic analyses in angiosperms. <b>2012</b> , 195, 923-937	144

969	Time-series analysis of two hydrothermal plumes at 9°50'N East Pacific Rise reveals distinct, heterogeneous bacterial populations. <b>2012</b> , 10, 178-92		40
968	An unexpected pattern of migration revealed in the Subalpine Warbler <i>Sylvia cantillans</i> complex by mitochondrial DNA analyses. <b>2012</b> , 154, 616-620		1
967	Discovery of severe fever with thrombocytopenia syndrome bunyavirus strains originating from intragenic recombination. <b>2012</b> , 86, 12426-30		27
966	Iterative species distribution modelling and ground validation in endemism research: an Alpine jumping bristletail example. <b>2012</b> , 21, 2845-2863		24
965	Phylogeography of <i>Buddleja crispa</i> (Buddlejaceae) and its correlation with drainage system evolution in southwestern China. <b>2012</b> , 99, 1726-35		39
964	Multilocus sequence typing and phylogenetic analysis of <i>Propionibacterium acnes</i> . <b>2012</b> , 50, 1158-65		55
963	Genetic diversity of <i>Propionibacterium acnes</i> strains isolated from human skin in Japan and comparison with their distribution in Europe. <b>2012</b> , 61, 622-630		13
962	Vertical evolution and horizontal transfer of CR1 non-LTR retrotransposons and Tc1/mariner DNA transposons in Lepidoptera species. <i>Molecular Biology and Evolution</i> , <b>2012</b> , 29, 3685-702	8.3	29
961	CHIMERIC FLORAL ORGANS1, encoding a monocot-specific MADS box protein, regulates floral organ identity in rice. <b>2012</b> , 160, 788-807		84
960	<i>Exiguobacterium aquaticum</i> sp. nov., a member of the genus <i>Exiguobacterium</i> . <b>2012</b> , 62, 2150-2155		25
959	Nonlegume <i>Parasponia andersonii</i> deploys a broad rhizobium host range strategy resulting in largely variable symbiotic effectiveness. <b>2012</b> , 25, 954-63		44
958	<i>Luteimicrobium album</i> sp. nov., a novel actinobacterium isolated from a lichen collected in Japan, and emended description of the genus <i>Luteimicrobium</i> . <b>2012</b> , 65, 427-31		68
957	Whole-genome microarray and gene deletion studies reveal regulation of the polyhydroxyalkanoate production cycle by the stringent response in <i>Ralstonia eutropha</i> H16. <b>2012</b> , 78, 8033-44		64
956	Mitochondrial DNA Variation in the Ouachita Map Turtle. <b>2012</b> , 2012, 301-306		2
955	Where Do I Come From? Using Student's Mitochondrial DNA to Teach About Phylogeny, Molecular Clocks, and Population Genetics. <b>2012</b> , 5, 501-507		1
954	Proteorhodopsin-like genes present in thermoacidophilic high-mountain microbial communities. <b>2012</b> , 78, 7813-7		7
953	Molecular study on three morphotypes of <i>Demodex</i> mites (Acarina: Demodicidae) from dogs. <b>2012</b> , 111, 2165-72		29
952	Prolactin regulates luminal bicarbonate secretion in the intestine of the sea bream ( <i>Sparus aurata</i> L.). <b>2012</b> , 215, 3836-44		25

951	Proteogenomic elucidation of the initial steps in the benzene degradation pathway of a novel halophile, <i>Arhodomonas</i> sp. strain Rozel, isolated from a hypersaline environment. <b>2012</b> , 78, 7309-16	30
950	<i>Deferrisoma camini</i> gen. nov., sp. nov., a moderately thermophilic, dissimilatory iron(III)-reducing bacterium from a deep-sea hydrothermal vent that forms a distinct phylogenetic branch in the Deltaproteobacteria. <b>2012</b> , 62, 2463-2468	36
949	Genome characterization of Salem virus reveals its evolutionary intermediate status in the subfamily Paramyxovirinae. <b>2012</b> , 157, 1989-93	2
948	Field outbreak strains of serotype O foot-and-mouth disease virus from India with a deletion in the immunodominant C-H loop of the VP1 protein. <b>2012</b> , 157, 1967-70	10
947	Ontogenetic and Evolutionary Change of External Morphology of the Neotropical Shrimp <i>Potimirim</i> (Holthuis, 1954) Explained by a Molecular Phylogeny of the Genus. <b>2012</b> , 32, 625-640	20
946	Human papillomavirus DNA methylation as a potential biomarker for cervical cancer. <b>2012</b> , 21, 2125-37	120
945	Rewiring of posttranscriptional RNA regulons: Puf4p in fungi as an example. <i>Molecular Biology and Evolution</i> , <b>2012</b> , 29, 2169-76	8.3 11
944	Bats worldwide carry hepatitis E virus-related viruses that form a putative novel genus within the family Hepeviridae. <b>2012</b> , 86, 9134-47	189
943	Plastid-encoded protein families specific for narrow taxonomic groups of algae and protozoa. <b>2012</b> , 46, 717-726	9
942	Molecular evolution of hydrogen peroxide degrading enzymes. <b>2012</b> , 525, 131-44	104
941	Mitochondrial genes and genomes support a cryptic species of tapeworm within <i>Taenia taeniaeformis</i> . <b>2012</b> , 123, 154-63	28
940	Effects of sex steroids on expression of myostatin in rare minnow, <i>Gobiocypris rarus</i> . <b>2012</b> , 350-353, 1-7	7
939	Development of a quantitative polymerase chain reaction (qPCR) assay for the detection of dwarf gourami iridovirus (DGIV) and other megalocytiviruses and comparison with the Office International des Epizooties (OIE) reference PCR protocol. <b>2012</b> , 358-359, 155-163	29
938	Evaluating the phylogenetic position of Chinese tree shrew ( <i>Tupaia belangeri chinensis</i> ) based on complete mitochondrial genome: implication for using tree shrew as an alternative experimental animal to primates in biomedical research. <b>2012</b> , 39, 131-7	59
937	Coxsackievirus B5, associated with neurological hand, foot and mouth disease, China. <b>2012</b> , 65, 189-91	20
936	<i>Wolbachia pipientis</i> is associated with different mitochondrial haplotypes in natural populations of <i>Drosophila willistoni</i> . <b>2012</b> , 109, 152-5	5
935	Genetic variation and virulence of <i>Autographa californica</i> multiple nucleopolyhedrovirus and <i>Trichoplusia ni</i> single nucleopolyhedrovirus isolates. <b>2012</b> , 110, 33-47	9
934	An insecticidal protein from <i>Xenorhabdus budapestensis</i> that results in prophenoloxidase activation in the wax moth, <i>Galleria mellonella</i> . <b>2012</b> , 110, 60-7	23



933	Novel protein of IBP from silkworm, <i>Bombyx mori</i> , involved in cytoplasmic polyhedrosis virus infection. <b>2012</b> , 110, 83-91	16
932	Characterization and virulence of <i>Beauveria</i> spp. recovered from emerald ash borer in southwestern Ontario, Canada. <b>2012</b> , 111, 41-9	20
931	Genotyping and resistance profile of hepatitis C (HCV) genotypes 1-6 by sequencing the NS3 protease region using a single optimized sensitive method. <b>2012</b> , 185, 94-100	27
930	Evolutionary history of Caribbean species of <i>Myotis</i> , with evidence of a third Lesser Antillean endemic. <b>2012</b> , 77, 124-134	11
929	Crossing the border? Structure of the red deer ( <i>Cervus elaphus</i> ) population from the Bavarian-Bohemian forest ecosystem. <b>2012</b> , 77, 211-220	19
928	A preliminary investigation of the role of melanin-concentrating hormone (MCH) and its receptors in appetite regulation of winter flounder ( <i>Pseudopleuronectes americanus</i> ). <b>2012</b> , 348, 281-96	24
927	An assessment of genetic variability in the mitochondrial cytochrome c oxidase subunit 1 gene of <i>Cercopithifilaria</i> sp. (Spirurida, Onchocercidae) from dog and <i>Rhipicephalus sanguineus</i> populations. <b>2012</b> , 26, 81-9	13
926	Minimum taxonomic criteria for bacterial genome sequence depositions and announcements. <b>2012</b> , 89, 18-21	9
925	Arsenic interception by cell wall of bacteria observed with surface-enhanced Raman scattering. <b>2012</b> , 89, 153-8	21
924	Development of a multiplex real-time PCR for contagious agalactia diagnosis in small ruminants. <b>2012</b> , 90, 73-9	18
923	Cloning of the cDNA, localization, and physiological effects of FGLamide-related allatostatins in the blood-gorging bug, <i>Rhodnius prolixus</i> . <b>2012</b> , 42, 10-21	23
922	An insect TEP in a crustacean is specific for cuticular tissues and involved in intestinal defense. <b>2012</b> , 42, 71-80	29
921	Comparative analysis of the UDP-glycosyltransferase multigene family in insects. <b>2012</b> , 42, 133-47	137
920	Functional analysis of two leboticin-related proteins from <i>Manduca sexta</i> . <b>2012</b> , 42, 231-9	26
919	Functional characterization of transmembrane adenylyl cyclases from the honeybee brain. <b>2012</b> , 42, 435-45	11
918	Properties and secretory mechanism of <i>Musca domestica</i> digestive chymotrypsin and its relation with <i>Drosophila melanogaster</i> homologs. <b>2012</b> , 42, 482-90	9
917	The transcriptome of <i>Spodoptera exigua</i> larvae exposed to different types of microbes. <b>2012</b> , 42, 557-70	63
916	ATP citrate lyase 1 ( <i>acl1</i> ) gene-based loop-mediated amplification assay for the detection of the <i>Fusarium tricinctum</i> species complex in pure cultures and in cereal samples. <b>2012</b> , 158, 171-85	32

915	Isolation of Coxsackievirus A24 variant from patients with hemorrhagic conjunctivitis in Cuba, 2008-2009. <b>2012</b> , 53, 77-81	10
914	Genetic diversity of human adenovirus in hospitalized children with severe acute lower respiratory infections in Paraguay. <b>2012</b> , 53, 367-9	5
913	Increased frequency of rotavirus G3P[8] and G12P[8] in Argentina during 2008-2009: whole-genome characterization of emerging G12P[8] strains. <b>2012</b> , 54, 162-7	44
912	Dengue virus infection in Australia following occupational exposure: a reflection of increasing numbers of imported cases. <b>2012</b> , 54, 376-7	8
911	Complex patterns of HCV epidemic in Suzhou: evidence for dual infection and HCV recombination in East China. <b>2012</b> , 54, 207-12	23
910	Use of serum and blood samples on filter paper to improve the surveillance of Dengue in Pacific Island Countries. <b>2012</b> , 55, 23-9	25
909	Long chain polyunsaturated fatty acid synthesis in a marine vertebrate: ontogenetic and nutritional regulation of a fatty acyl desaturase with $\Delta$ activity. <b>2012</b> , 1821, 660-71	112
908	Getting a sense for signals: regulation of the plant iron deficiency response. <b>2012</b> , 1823, 1521-30	170
907	Plant VDAC: facts and speculations. <b>2012</b> , 1818, 1486-501	61
906	Structural and functional characterization of recombinant medaka fish alpha-amylase expressed in yeast <i>Pichia pastoris</i> . <b>2012</b> , 1824, 954-62	11
905	Rnf11-like is a novel component of NF- $\kappa$ B signaling, governing the posterior patterning in the zebrafish embryos. <b>2012</b> , 422, 602-6	4
904	Overexpression of PerH3D3 alters the root architecture in <i>Populus</i> . <b>2012</b> , 424, 239-44	17
903	Phylogenetic, genomic organization and expression analysis of hydrophobin genes in the ectomycorrhizal basidiomycete <i>Laccaria bicolor</i> . <b>2012</b> , 49, 199-209	40
902	Molecular phylogeny and species delimitation in the section <i>Longibrachiatum</i> of <i>Trichoderma</i> . <b>2012</b> , 49, 358-68	60
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895	Duck is not dead: Does restocking with captive bred individuals affect the genetic integrity of wild mallard ( <i>Anas platyrhynchos</i> ) population?. <b>2012</b> , 152, 231-240	14
894	Effect of cathode types on long-term performance and anode bacterial communities in microbial fuel cells. <b>2012</b> , 118, 249-56	31
893	Genomic and morphological evidence converge to resolve the enigma of Strepsiptera. <b>2012</b> , 22, 1309-13	117
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890	Characterisation, expression and ontogeny of interleukin-6 and its receptors in zebrafish ( <i>Danio rerio</i> ). <b>2012</b> , 37, 97-106	51
889	Molecular characterisation of RIG-I-like helicases in the black flying fox, <i>Pteropus alecto</i> . <b>2012</b> , 36, 657-64	38
888	A novel acute phase reactant, serum amyloid A-like 1, from <i>Oplegnathus fasciatus</i> : genomic and molecular characterization and transcriptional expression analysis. <b>2012</b> , 37, 294-305	31
887	Identification, cloning and characterisation of interleukin-1F5 (IL-36RN) in the chicken. <b>2012</b> , 38, 136-47	9
886	Cloning and expression pattern of facilitative glucose transporter 1 (GLUT1) in gilthead sea bream <i>Sparus aurata</i> in response to salinity acclimation. <b>2012</b> , 163, 38-46	18
885	Gene transcripts encoding hypoxia-inducible factor (HIF) exhibit tissue- and muscle fiber type-dependent responses to hypoxia and hypercapnic hypoxia in the Atlantic blue crab, <i>Callinectes sapidus</i> . <b>2012</b> , 163, 137-46	29
884	Characterization of a cellular retinol-binding protein from lamprey, <i>Lethenteron japonicum</i> . <b>2012</b> , 161, 233-9	5
883	Diapause specific gene expression in the eggs of multivoltine silkworm <i>Bombyx mori</i> , identified by suppressive subtractive hybridization. <b>2012</b> , 161, 371-9	14
882	First molluscan theta-class Glutathione S-Transferase: identification, cloning, characterization and transcriptional analysis post immune challenges. <b>2012</b> , 162, 10-23	24
881	Characterization and expression of calmodulin gene during larval settlement and metamorphosis of the polychaete <i>Hydroides elegans</i> . <b>2012</b> , 162, 113-9	13
880	A novel molluscan sigma-like glutathione S-transferase from Manila clam, <i>Ruditapes philippinarum</i> : cloning, characterization and transcriptional profiling. <b>2012</b> , 155, 539-50	26

879	Mangrove <i>Streptomyces</i> sp. BDUKAS10 as nanofactory for fabrication of bactericidal silver nanoparticles. <b>2012</b> , 98, 12-7	67
878	An investigation of the physiology and potential role of components of the deep ocean bacterial community (of the NE Atlantic) by enrichments carried out under minimal environmental change. <b>2012</b> , 61, 11-20	6
877	Evaluation of tropical water sources and mollusks in southern Brazil using microbiological, biochemical, and chemical parameters. <b>2012</b> , 76, 153-61	66
876	Use of a culture-independent approach to characterize aerosolized bacteria near an open-freestall dairy operation. <b>2012</b> , 41, 8-14	19
875	Identification of Baiying ( <i>Herba Solani Lyrati</i> ) commodity and its toxic substitute Xungufeng ( <i>Herba Aristolochiae Mollissimae</i> ) using DNA barcoding and chemical profiling techniques. <b>2012</b> , 135, 1653-8	27
874	Establishment of DNA barcodes for the identification of the botanical sources of the Chinese Booleing Beverage. <b>2012</b> , 25, 758-766	15
873	Marketplace substitution of Atlantic salmon for Pacific salmon in Washington State detected by DNA barcoding. <b>2012</b> , 45, 388-393	74
872	Characterization and functional analysis of two PKR genes in fugu ( <i>Takifugu rubripes</i> ). <b>2012</b> , 32, 79-88	15
871	Identification, cloning and expression analysis of Catechol-O-methyltransferase (COMT) gene from shrimp, <i>Penaeus monodon</i> and its relevance to salinity stress. <b>2012</b> , 32, 693-9	15
870	Molecular cloning, characterization and expression of the complement component Bf/C2 gene in grass carp. <b>2012</b> , 32, 789-95	11
869	BIRC7 gene in channel catfish ( <i>Ictalurus punctatus</i> ): identification and expression analysis in response to <i>Edwardsiella tarda</i> , <i>Streptococcus iniae</i> and Channel catfish Hemorrhage Reovirus. <b>2012</b> , 33, 146-53	5
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867	Chemical and molecular characterization of <i>Phomopsis</i> and <i>Cytospora</i> -like endophytes from different host plants in Brazil. <b>2012</b> , 116, 249-60	29
866	The cellulose synthase 3 ( <i>CesA3</i> ) gene of oomycetes: structure, phylogeny and influence on sensitivity to carboxylic acid amide (CAA) fungicides. <b>2012</b> , 116, 529-42	32
865	Two new species of the genus <i>Ochroconis</i> , <i>O. lascauxensis</i> and <i>O. anomala</i> isolated from black stains in Lascaux Cave, France. <b>2012</b> , 116, 574-89	49
864	Identification and characterization of chitin synthase genes in the postharvest citrus fruit pathogen <i>Penicillium digitatum</i> . <b>2012</b> , 116, 654-64	16
863	Mitochondrial genomes from the lichenized fungi <i>Peltigera membranacea</i> and <i>Peltigera malacea</i> : features and phylogeny. <b>2012</b> , 116, 802-14	33
862	Evolution of prokaryotic homologues of the eukaryotic SEFIR protein domain. <b>2012</b> , 492, 160-6	7

861	Complete mitochondrial genome sequences of three bats species and whole genome mitochondrial analyses reveal patterns of codon bias and lend support to a basal split in Chiroptera. <b>2012</b> , 492, 121-9	36
860	Molecular differentiation of <i>Chenopodium album</i> complex and some related species using ISSR profiles and ITS sequences. <b>2012</b> , 495, 29-35	11
859	Identification of ORF sequences and exercise-induced expression change in thoroughbred horse OXCT1 gene. <b>2012</b> , 496, 45-8	6
858	Cloning, characterization, and expression analysis of a novel BmGDAP1 gene from silkworm, <i>Bombyx mori</i> , involved in cytoplasmic polyhedrosis virus infection. <b>2012</b> , 497, 208-13	7
857	The complete mitochondrial genome of <i>Microtus fortis calamorum</i> (Arvicolinae, Rodentia) and its phylogenetic analysis. <b>2012</b> , 498, 288-95	13
856	Evolutionary rates of commonly used nuclear and organelle markers of <i>Arabidopsis</i> relatives (Brassicaceae). <b>2012</b> , 499, 194-201	17
855	Characterization of V1R receptor (ora) genes in Lake Victoria cichlids. <b>2012</b> , 499, 273-9	16
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853	Molecular cloning and characterisation of ovine dual oxidase 2. <b>2012</b> , 500, 40-6	2
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814	Phylogenetic relationships of silver crucian carp in <i>Carassius auratus</i> complex based on mtDNA analysis. <b>2012</b> , 48, 1207-1217		6
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749	Clinical isolates of <i>Yersinia enterocolitica</i> biotype 1A represent two phylogenetic lineages with differing pathogenicity-related properties. <b>2012</b> , 12, 208	36
748	Expression of <i>Shigella flexneri</i> gluQ-rs gene is linked to dksA and controlled by a transcriptional terminator. <b>2012</b> , 12, 226	9
747	Genotyping of <i>B. licheniformis</i> based on a novel multi-locus sequence typing (MLST) scheme. <b>2012</b> , 12, 230	20
746	Comparison of methanogen diversity of yak ( <i>Bos grunniens</i> ) and cattle ( <i>Bos taurus</i> ) from the Qinghai-Tibetan plateau, China. <b>2012</b> , 12, 237	53
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743	Characterization of <i>Staphylococcus aureus</i> isolates from faecal samples of the Straw-Coloured Fruit Bat ( <i>Eidolon helvum</i> ) in Obafemi Awolowo University (OAU), Nigeria. <b>2012</b> , 12, 279	32
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741	The type III secretion system is necessary for the development of a pathogenic and endophytic interaction between <i>Herbaspirillum rubrisubalbicans</i> and Poaceae. <b>2012</b> , 12, 98	25
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739	DNA variation in the phenotypically-diverse brown alga <i>Saccharina japonica</i> . <b>2012</b> , 12, 108	23
738	Genome-wide analysis of the grapevine stilbene synthase multigenic family: genomic organization and expression profiles upon biotic and abiotic stresses. <b>2012</b> , 12, 130	189
737	Identification of the dehydrin gene family from grapevine species and analysis of their responsiveness to various forms of abiotic and biotic stress. <b>2012</b> , 12, 140	125
736	The plant short-chain dehydrogenase (SDR) superfamily: genome-wide inventory and diversification patterns. <b>2012</b> , 12, 219	64

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727	High viremia and low level of transmitted drug resistance in anti-retroviral therapy-naïve perinatally-infected children and adolescents with HIV-1 subtype C infection. <b>2012</b> , 12, 317	17
726	Molecular typing and characterization of nasal carriage and community-onset infection methicillin-susceptible <i>Staphylococcus aureus</i> isolates in two Taiwan medical centers. <b>2012</b> , 12, 343	29
725	DNA barcoding of Northern Nearctic Muscidae (Diptera) reveals high correspondence between morphological and molecular species limits. <b>2012</b> , 12, 24	64
724	Identification of the vascular plants of Churchill, Manitoba, using a DNA barcode library. <b>2012</b> , 12, 25	49
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717	Independent evolution of macrophage-tropism and increased charge between HIV-1 R5 envelopes present in brain and immune tissue. <b>2012</b> , 9, 20	38
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715	Phylogenetic relationship of dengue virus type 3 isolated in Brazil and Paraguay and global evolutionary divergence dynamics. <b>2012</b> , 9, 124	11
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705	Three Mitochondrial Markers Reveal Genetic Diversity and Structure of Rock Carp ( <i>Procypris rabaudi</i> ) Endemic to the Upper Yangtze: Implications for Pre-release Genetic Assessment. 9,	
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- 520 *Pseudosperma arenarium* (Inocybaceae), a new poisonous species from Eurasia, based on morphological, ecological, molecular and biochemical evidence. 92, 79-93 ○

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- 509 Characterization of 15 Earthworm Mitogenomes from Northeast China and Its Phylogenetic Implication (Oligochaeta: Lumbricidae, Moniligastridae). **2022**, 14, 714 1
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500	Migratory behaviour of Brown planthopper, <i>Nilaparvata lugens</i> (Stål) (Hemiptera: Delphacidae), in India as inferred from genetic diversity and reverse trajectory analysis. <b>2022</b> , 12,	0
499	An enhancing effect attributed to a nonsynonymous mutation in SOYBEAN SEED SIZE 1 , a SPINDLY-like gene, is exploited in soybean domestication and improvement.	2
498	<i>Paracoccus everestensis</i> sp. nov., a novel bacterium with great antioxidant capacity isolated from the north slope of Mount Everest. <b>2022</b> , 72,	0
497	Investigation of microplastic accumulation in <i>Rastrelliger kanagurta</i> fish gut and microplastic degradation behaviour of existing gut bacteria <i>Pseudomonas</i> sp.. <b>2022</b> , 204,	0
496	Recombinant Extracellular Cholesterol Oxidase from <i>Nocardioides simplex</i> . <b>2022</b> , 87, 903-915	0
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494	Functional validation of ZbFAD2 and ZbFAD3 in the alkylamide biosynthesis pathway from <i>Zanthoxylum bungeanum</i> Maxim. 13,	0
493	Exploration of mangrove-associated actinobacteria from South Andaman Islands, India.	0
492	Deficiency of a peroxisomal NADP-isocitrate dehydrogenase leads to dwarf plant and defect seed in upland cotton. 13,	0
491	Identification and DNA Barcoding of a New <i>Sillago</i> Species in Beihai and Zhanjiang, China, with a Key to Related Species. <b>2022</b> , 21, 1334-1342	0
490	Identification and Characterization of Malate Dehydrogenases in Tomato ( <i>Solanum lycopersicum</i> L.). <b>2022</b> , 23, 10028	1
489	Identification of fruit fly (Tephritidae) pupae parasitized by Hymenoptera parasitoids.	0
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486	Prevalence and Characteristics of <i>Salmonella</i> spp. Isolated from Raw Chicken Meat in the Republic of Korea. <b>2022</b> ,	0
485	Genetic origin of donkeys in Brazil. <b>2022</b> , 54,	0
484	Impact of Culturable Endophytic Bacteria on Soil Aggregate Formation and Peanut ( <i>Arachis hypogaea</i> L.) Growth and Yield Under Drought Conditions. <b>2022</b> , 79,	0

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- 482 Assessment of Pharmacological Potential of Novel Exopolysaccharide Isolated from Marine *Kocuria* sp. Strain AG5: Broad-Spectrum Biological Investigations. **2022**, 12, 1387 1
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- 451 *Cortinarius* subgenus *Leproclybe* (Agaricales) in New Zealand. 1-22 ○
- 450 A high genetic diversity of *Enterocytozoon bieneusi* in diarrheic pigs in southern China. ○
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- 392 A Unique Oligonucleotide Probe Hybrid on Graphene Decorated Gold Nanoparticles Modified Screen-Printed Carbon Electrode for Pork Meat Adulteration. 0
- 391 Mitochondrial diversity and phylogenetic structure of Yellowcheek ( *Elopichthys bambusa* ) in the Yangtze River. 1
- 390 Population Genetic Structure of *Culex quinquefasciatus* in Osogbo Metropolis, Nigeria inferred from Mitochondrial COI sequences. 0
- 389 Genome-Wide Analysis and Characterization of SABATH Gene Family in *Phaseolus vulgaris* Genotypes Subject to Melatonin under Drought and Salinity Stresses. 0
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- 356 Genome-Wide Identification and Expression Profile Analysis of the WUSCHEL-Related Homeobox (WOX) Genes in Woodland Strawberry (*Fragaria vesca*). **2022**, 8, 1043 ○
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- 335 Male-linked gene *TsRPL10a?* in androdioecious tree *Tapiscia sinensis*: Implications for sex differentiation by influencing gynoeceum development.. 0
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- 228 Genome-wide identification and expression analysis of metal tolerance protein (MTP) gene family in soybean (*Glycine max*) under heavy metal stress. ○
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- 216 Xylanolytic Biotechnological Applications of Extracellular Xylanase Isolated from Marine *Bacillus Subtilis* AKM1. ○
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213	Comparative genomics of smut fungi suggest the ability of meiosis and mating in asexual species of the genus <i>Pseudozyma</i> (Ustilaginales).	0
212	Molecular characterization of divergent isolates of Citrus bent leaf viroid (CBLVd) from citrus cultivars of Punjab, Pakistan. 13,	0
211	On the taxonomic validity of <i>Boiga whitakeri</i> Ganesh et al., 2021 with new insights on <i>Boiga dightoni</i> (Boulenger, 1894) (Reptilia: Squamata: Colubridae). 73, 1-21	0
210	Production and bioprocessing of camptothecin from <i>Aspergillus terreus</i> , an endophyte of <i>Cestrum parqui</i> , restoring their biosynthetic potency by <i>Citrus limonum</i> peel extracts. 2023, 22,	0
209	A natural allele of proteasome maturation factor improves rice resistance to multiple pathogens.	0
208	Delineating seagrass species in the genera <i>Halodule</i> and <i>Halophila</i> from Tanzanian coastal waters using ITS and rbcL DNA barcoding.	0
207	The changed endemic pattern of human adenovirus from species B to C among pediatric patients under the pressure of non-pharmaceutical interventions against COVID-19 in Beijing, China. 2023, 20,	0
206	Spatial Genetic Structure and Diversity of Large Yellow Croaker ( <i>Larimichthys crocea</i> ) from the Southern Yellow Sea and North-Central East China Sea: Implications for Conservation and Stock Enhancement. 2023, 15, 338	1
205	Genome-wide identification and expression profile analysis of SWEET genes in Chinese jujube. 11, e14704	0
204	Genetic and pathogenic diversity analysis of <i>Burkholderia glumae</i> strains from Indian hot spot regions causing bacterial panicle blight of rice ( <i>Oryza sativa</i> L.).	1
203	Characteristics and Correlation of the Microbial Communities and Flavor Compounds during the First Three Rounds of Fermentation in Chinese Sauce-Flavor Baijiu. 2023, 12, 207	2
202	Morpho-cultural and molecular characterization of <i>Trichoderma</i> species from apple rhizosphere of North-western Himalayan temperate region of India.	0
201	Genetic diversity analysis and fingerprint construction of Korean pine ( <i>Pinus koraiensis</i> ) clonal seed orchard. 13,	0
200	Morphometric and phylogenetic study of <i>Haemonchus</i> isolates in small ruminants from mountainous (Lorestan) and plain (Khuzestan) regions of Iran. 2023, 219, 106913	0
199	Functional analysis of 3 genes in xenobiotic detoxification pathway of <i>Bursaphelenchus xylophilus</i> against matrine. 2023, 190, 105334	0
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- 188 Molecular and Physiological Variability in Bread Wheat and Its Wild Relative (*Aegilops tauschii* Coss.) Species under Water-Deficit Stress Conditions. **2023**, 12, 3 ○
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- 184 Genetic diversity of Indian isolates of *Ralstonia solanacearum* causing bacterial wilt of eggplant (*Solanum melongena*). **2017**, 87, ○
- 183 Epidemiological role of novel and already known *Ca. P. solani* Cixiid vectors in rubbery taproot disease of sugar beet in Serbia. **2023**, 13, ○
- 182 Molecular diversity of *Sarcocystis* spp. in opossums (*Didelphis* spp.) from Southeastern and Midwestern Brazil. **2023**, 32, ○
- 181 Integrated omic techniques and their genomic features for invasive weeds. **2023**, 23, ○
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- 169 Cloning, heterologous expression and characterization of a thermophilic and salt tolerant GH11 xylanase from *Allostreptomyces psammosilena* YIM DR4008 T. 1
- 168 Climate Change Influences the Population Density and Suitable Area of *Hippotiscus dorsalis* (Hemiptera: Pentatomidae) in China. **2023**, 14, 135 ○
- 167 Isolation of Soybean Nodule Bacteria and Nodule Formation in Uzbekistan Soybean Varieties. **2023**, 14, 129-144 ○
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- 17 Molecular phylogenetic identification of *Metarhizium* and *Beauveria* and their bio-efficacy against chilli thrips, *Scirtothrips dorsalis*. ○
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- 5 Isolation and characterization of tumorigenic bacteria associated with crown gall disease of *Prunus humilis* Bunge in China. ○
- 4 THE POTENTIAL OF PHOSPHATE SOLUBILIZING AND PLANT GROWTH PROMOTERS OF *Burkholderia territorii* EF. NAP 1 ISOLATED FROM ACID SOILS FOR THE CONSERVATION OF FORMERLY RUBBER PLANTATION LAND. **2023**, 14, 317-330 ○
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- 2 Two new spotted species of the *Cyrtodactylus* (*Geckoella*) *collegalensis* (Beddome, 1870) complex from the south-eastern coast of India (Reptilia: Squamata). **2023**, 73, 475-498 ○
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