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1987	An unexpected clade of South American ground beetles (Coleoptera, Carabidae, Bembidion). <b>2014</b> , 113-55	7

1986	Transient hypermutagenesis accelerates the evolution of legume endosymbionts following horizontal gene transfer. <b>2014</b> , 12, e1001942	37
1985	Computational identification of natural peptides based on analysis of molecular evolution. <b>2014</b> , 30, 2137-41	5
1984	Analysis of adaptive evolution in Lyssavirus genomes reveals pervasive diversifying selection during species diversification. <b>2014</b> , 6, 4465-78	4
1983	Large-scale genomic analysis of codon usage in dengue virus and evaluation of its phylogenetic dependence. <b>2014</b> , 2014, 851425	20
1982	Inteins as indicators of gene flow in the halobacteria. <b>2014</b> , 5, 299	18
1981	The pannexins: past and present. <b>2014</b> , 5, 58	70
1980	Comparative evolutionary diversity and phylogenetic structure across multiple forest dynamics plots: a mega-phylogeny approach. <b>2014</b> , 5, 358	62
1979	A New Record of <i>Penicillium antarcticum</i> from Marine Environments in Korea. <b>2014</b> , 42, 109-13	10
1978	The complete mitochondrial genome of <i>Aphelenchoides besseyi</i> (Nematoda: Aphelenchoididae), the first sequenced representative of the subfamily Aphelenchoidinae. <b>2014</b> , 16, 1167-1180	4
1977	<i>Pachyseris inattesa</i> sp. n. (Cnidaria, Anthozoa, Scleractinia): a new reef coral species from the Red Sea and its phylogenetic relationships. <b>2014</b> , 1-30	28
1976	Forty-four novel protein-coding loci discovered using a proteomics informed by transcriptomics (PIT) approach in rat male germ cells. <b>2014</b> , 91, 123	18
1975	Geranylinalool synthases in solanaceae and other angiosperms constitute an ancient branch of diterpene synthases involved in the synthesis of defensive compounds. <b>2014</b> , 166, 428-41	27
1974	The crypt-dwelling primary bacterial symbiont of the polyphagous pentatomid pest <i>Halyomorpha halys</i> (Hemiptera: Pentatomidae). <b>2014</b> , 43, 617-25	35
1973	Complete Mitochondrial Genome of <i>Diuraphis noxia</i> (Hemiptera: Aphididae) from Nine Populations, SNP Variation between Populations, and Comparison with Other Aphididae Species. <b>2014</b> , 22, 847-862	8
1972	Functional analysis of COP1 and SPA orthologs from <i>Physcomitrella</i> and rice during photomorphogenesis of transgenic <i>Arabidopsis</i> reveals distinct evolutionary conservation. <b>2014</b> , 14, 178	37
1971	Transcriptomic analysis of a psammophyte food crop, sand rice ( <i>Agriophyllum squarrosum</i> ) and identification of candidate genes essential for sand dune adaptation. <b>2014</b> , 15, 872	21
1970	The mysterious Spotted Green Pigeon and its relation to the Dodo and its kindred. <b>2014</b> , 14, 136	11
1969	Moniliellomycetes and Malasseziomycetes, two new classes in Ustilaginomycotina. <b>2014</b> , 33, 41-7	66

1968	Comparative transcriptomics of maturity-associated color change in Hawaiian spiders. <b>2014</b> , 105 Suppl 1, 771-81	7
1967	Integrative taxonomy of the stunt nematodes of the genera <i>Bitylenchus</i> and <i>Tylenchorhynchus</i> (Nematoda, Telotylenchidae) with description of two new species and a molecular phylogeny. <b>2014</b> , 172, 231-264	25
1966	Molecular phylogeny of Acanthochitonina (Mollusca: Polyplacophora: Chitonida): three new mitochondrial genomes, rearranged gene orders and systematics. <b>2014</b> , 48, 2825-2853	21
1965	Genetic diversity and molecular epidemiology of human rhinoviruses in South Africa. <b>2014</b> , 8, 567-73	15
1964	TBC1D9B functions as a GTPase-activating protein for Rab11a in polarized MDCK cells. <b>2014</b> , 25, 3779-97	26
1963	Missing genes, multiple ORFs, and C-to-U type RNA editing in <i>Acrasis kona</i> (Heterolobosea, Excavata) mitochondrial DNA. <b>2014</b> , 6, 2240-57	18
1962	Explosive adaptive radiation and extreme phenotypic diversity within ant-nest beetles. <b>2014</b> , 24, 2435-9	35
1961	Reassessment of the cyanobacterial family Microchaetaceae and establishment of new families Tolypothrichaceae and Godleyaceae. <b>2014</b> , 50, 1089-100	51
1960	Does a global DNA barcoding gap exist in Annelida?. <b>2016</b> , 27, 2241-52	20
1959	Four marine digenean parasites of <i>Austrolittorina</i> spp. (Gastropoda: Littorinidae) in New Zealand: morphological and molecular data. <b>2014</b> , 89, 133-52	21
1958	Cd-metallothioneins in three additional tetrahymena species: intragenic repeat patterns and induction by metal ions. <b>2014</b> , 61, 333-42	2
1957	Dominance hierarchy arising from the evolution of a complex small RNA regulatory network. <b>2014</b> , 346, 1200-5	39
1956	Morphology, morphogenesis, and molecular phylogeny of <i>Paraparentocirrus sibillensis</i> n. gen., n. sp., a "Styloynchine Oxytrichidae" (Ciliophora, Hypotrichida) without transverse cirri. <b>2014</b> , 61, 247-59	21
1955	A multigene molecular assessment of cryptic biodiversity in the iconic freshwater blackfishes (Teleostei: Percichthyidae: Gadopsis) of south-eastern Australia. <b>2014</b> , 111, 521-540	26
1954	Several origins of floral oil in the Angelonieae, a southern hemisphere disjunct clade of Plantaginaceae. <b>2014</b> , 101, 2113-20	11
1953	Differential genome evolution between companion symbionts in an insect-bacterial symbiosis. <b>2014</b> , 5, e01697-14	51
1952	C3 photosynthesis in the desert plant <i>Rhazya stricta</i> is fully functional at high temperatures and light intensities. <b>2014</b> , 201, 862-873	35
1951	Distinct roles for SOS1 in the convergent evolution of salt tolerance in <i>Eutrema salsugineum</i> and <i>Schrenkiella parvula</i> . <i>Molecular Biology and Evolution</i> , <b>2014</b> , 31, 2094-107	8.3 29

1950	Fur homolog regulates <i>Porphyromonas gingivalis</i> virulence under low-iron/heme conditions through a complex regulatory network. <b>2014</b> , 29, 333-53	16
1949	Evolution and island endemism of morphologically cryptic <i>Baetis</i> and <i>Cloeon</i> species (Ephemeroptera, Baetidae) on the Canary Islands and Madeira. <b>2014</b> , 59, 2516-2527	29
1948	Molecular phylogeny of the fungus gnat family Diadocidiidae and its position within the infraorder Bibionomorpha (Diptera). <b>2014</b> , 43, 370-378	7
1947	<i>A. C. elegans</i> homolog of the Cockayne syndrome complementation group A gene. <b>2014</b> , 24, 57-62	22
1946	Contrasting soil fungal community responses to experimental nitrogen addition using the large subunit rRNA taxonomic marker and cellobiohydrolase I functional marker. <b>2014</b> , 23, 4406-17	28
1945	Discovery of the first light-dependent protochlorophyllide oxidoreductase in anoxygenic phototrophic bacteria. <b>2014</b> , 93, 1066-78	39
1944	A comprehensive phylogenetic and structural analysis of the carcinoembryonic antigen (CEA) gene family. <b>2014</b> , 6, 1314-26	20
1943	Three crocodylian genomes reveal ancestral patterns of evolution among archosaurs. <b>2014</b> , 346, 1254449	231
1942	Evolution of the AKH/corazonin/ACP/GnRH receptor superfamily and their ligands in the Protostomia. <b>2014</b> , 209, 35-49	91
1941	Three new <i>Laccaria</i> species from Southwest China (Yunnan). <b>2014</b> , 13, 1105	15
1940	Unraveling a 70-year-old taxonomic puzzle: redefining the genus <i>ikedosoma</i> (annelida: echiura) on the basis of morphological and molecular analyses. <b>2014</b> , 31, 849-61	13
1939	Testing mitochondrial marker efficacy for DNA barcoding in spiders: a test case using the dwarf spider genus <i>Oedothorax</i> (Araneae : Linyphiidae : Erigoninae). <b>2014</b> , 28, 501	11
1938	Bacterial symbionts of a devastating coffee plant pest, the stinkbug <i>Antestiopsis thunbergii</i> (Hemiptera: Pentatomidae). <b>2014</b> , 80, 3769-75	24
1937	Diversity and abundance of phyllosphere bacteria are linked to insect herbivory. <b>2014</b> , 23, 1497-515	63
1936	Using the MEROPS Database for Proteolytic Enzymes and Their Inhibitors and Substrates. <b>2014</b> , 48, 1.25.1-33	33
1935	Sorting signal targeting mRNA into hepatic extracellular vesicles. <b>2014</b> , 11, 836-44	23
1934	Phylogenetic relationships and character evolution in <i>Heuchera</i> (Saxifragaceae) on the basis of multiple nuclear loci. <b>2014</b> , 101, 1532-50	15
1933	Obligate insect endosymbionts exhibit increased ortholog length variation and loss of large accessory proteins concurrent with genome shrinkage. <b>2014</b> , 6, 763-75	6

1932	Recurrent turnover of chromosome-specific satellites in <i>Drosophila</i> . <b>2014</b> , 6, 1279-86	27
1931	European sea bass genome and its variation provide insights into adaptation to euryhalinity and speciation. <b>2014</b> , 5, 5770	281
1930	Comparative genomics of closely related <i>Salmonella enterica</i> serovar Typhi strains reveals genome dynamics and the acquisition of novel pathogenic elements. <b>2014</b> , 15, 1007	15
1929	Not assessing the efficiency of multiple sequence alignment programs. <b>2014</b> , 9, 18	1
1928	Phylogenomic analysis of glycogen branching and debranching enzymatic duo. <b>2014</b> , 14, 183	14
1927	The complete mitochondrial genome of <i>Scutopus ventrolineatus</i> (Mollusca: Chaetodermomorpha) supports the Aculifera hypothesis. <b>2014</b> , 14, 197	19
1926	Evolutionary origin of highly repetitive plastid genomes within the clover genus ( <i>Trifolium</i> ). <b>2014</b> , 14, 228	30
1925	Calcareous sponge genomes reveal complex evolution of $\beta$ -carbonic anhydrases and two key biomineralization enzymes. <b>2014</b> , 14, 230	32
1924	Feline sporotrichosis due to <i>Sporothrix brasiliensis</i> : an emerging animal infection in S $\tilde{a}$ o Paulo, Brazil. <b>2014</b> , 10, 269	85
1923	Understanding the functional difference between growth arrest-specific protein 6 and protein S: an evolutionary approach. <b>2014</b> , 4,	7
1922	Massive expansion of Ubiquitination-related gene families within the Chlamydiae. <i>Molecular Biology and Evolution</i> , <b>2014</b> , 31, 2890-904	8.3 26
1921	Diversity and variability of NOD-like receptors in fungi. <b>2014</b> , 6, 3137-58	53
1920	Characterization of a UDP-N-acetylglucosamine biosynthetic pathway encoded by the giant DNA virus Mimivirus. <b>2014</b> , 24, 51-61	18
1919	The draft assembly of the radically organized <i>Stylonychia lemnae</i> macronuclear genome. <b>2014</b> , 6, 1707-23	43
1918	The diversity of prokaryotic DDE transposases of the mutator superfamily, insertion specificity, and association with conjugation machineries. <b>2014</b> , 6, 260-72	35
1917	Deciphering key features in protein structures with the new ENDscript server. <b>2014</b> , 42, W320-4	3299
1916	Natural insertions in rice commonly form tandem duplications indicative of patch-mediated double-strand break induction and repair. <b>2014</b> , 111, 6684-9	29
1915	Genome-wide screens for sensitivity to ionizing radiation identify the fission yeast nonhomologous end joining factor Xrc4. <b>2014</b> , 4, 1297-306	7

1914	Cytonuclear evolution of rubisco in four allopolyploid lineages. <i>Molecular Biology and Evolution</i> , <b>2014</b> , 31, 2624-36	8.3	25
1913	Divergent and conserved elements comprise the chemoreceptive repertoire of the nonblood-feeding mosquito <i>Toxorhynchites amboinensis</i> . <b>2014</b> , 6, 2883-96		21
1912	Orthology inference in nonmodel organisms using transcriptomes and low-coverage genomes: improving accuracy and matrix occupancy for phylogenomics. <i>Molecular Biology and Evolution</i> , <b>2014</b> , 31, 3081-92	8.3	161
1911	<i>Trichoderma songyi</i> sp. nov., a new species associated with the pine mushroom ( <i>Tricholoma matsutake</i> ). <b>2014</b> , 106, 593-603		14
1910	The genus <i>Bipolaris</i> . <b>2014</b> , 79, 221-88		141
1909	Mitochondrial Genomes of two Brachyuran Crabs (Crustacea: Decapoda) and Phylogenetic Analysis. <b>2014</b> , 34, 494-503		30
1908	Molecular signatures and phylogenomic analysis of the genus <i>Burkholderia</i> : proposal for division of this genus into the emended genus <i>Burkholderia</i> containing pathogenic organisms and a new genus <i>Paraburkholderia</i> gen. nov. harboring environmental species. <b>2014</b> , 5, 429		291
1907	Settling down: the genome of <i>Serratia symbiotica</i> from the aphid <i>Cinara tujaefilina</i> zooms in on the process of accommodation to a cooperative intracellular life. <b>2014</b> , 6, 1683-98		59
1906	Toward a method for tracking virus evolutionary trajectory applied to the pandemic H1N1 2009 influenza virus. <b>2014</b> , 28, 351-7		1
1905	TreeFam v9: a new website, more species and orthology-on-the-fly. <b>2014</b> , 42, D922-5		96
1904	NEP: web server for epitope prediction based on antibody neutralization of viral strains with diverse sequences. <b>2014</b> , 42, W64-71		14
1903	Conflict between morphology and molecular data: a case of the genus <i>Caryophyllaeus</i> (Cestoda: Caryophyllidae), monozoic tapeworms of cyprinid fishes. <b>2014</b> , 61, 347-354		18
1902	Analysis of the opsin repertoire in the tardigrade <i>Hypsibius dujardini</i> provides insights into the evolution of opsin genes in panarthropoda. <b>2014</b> , 6, 2380-91		44
1901	Glycoprotein hormones and their receptors emerged at the origin of metazoans. <b>2014</b> , 6, 1466-79		44
1900	The systematics of the worldwide endoparasite family Apodanthaceae (Cucurbitales), with a key, a map, and color photos of most species. <b>2014</b> , 41-57		12
1899	Contrasting patterns in the evolution of the Rab GTPase family in Archaeplastida. <b>2014</b> , 83, 303-315		9
1898	Re-evaluation of the Genus <i>Antrodia</i> (Polyporales, Basidiomycota) in Korea. <b>2014</b> , 42, 114-9		5
1897	Planarian (Platyhelminthes, Tricladida) Diversity and Molecular Markers: A New View of an Old Group. <b>2014</b> , 6, 323-338		13



1896	Culturable fungal assemblages growing within <i>Cenococcum sclerotia</i> in forest soils. <b>2014</b> , 90, 708-17	18
1895	Identification of an Emergent Porcine Circovirus-2 in Vaccinated Pigs from a Brazilian Farm during a Postweaning Multisystemic Wasting Syndrome Outbreak. <b>2014</b> , 2,	17
1894	Genomic landscape and evolutionary dynamics of mariner transposable elements within the <i>Drosophila</i> genus. <b>2014</b> , 15, 727	25
1893	eggNOG v4.0: nested orthology inference across 3686 organisms. <b>2014</b> , 42, D231-9	387
1892	The interplay of restriction-modification systems with mobile genetic elements and their prokaryotic hosts. <b>2014</b> , 42, 10618-31	145
1891	Comparative genomics of <i>Taphrina</i> fungi causing varying degrees of tumorous deformity in plants. <b>2014</b> , 6, 861-72	25
1890	Comparative genomics suggests that the human pathogenic fungus <i>Pneumocystis jirovecii</i> acquired obligate biotrophy through gene loss. <b>2014</b> , 6, 1938-48	38
1889	Genetic, morphological, and dietary changes associated with novel habitat colonisation in the Canary Island endemic grasshopper <i>Acrostira bellamyi</i> . <b>2014</b> , 39, 703-715	7
1888	Species delimitation and DNA barcoding of Atlantic <i>Ensis</i> ( <i>Bivalvia</i> , <i>Pharidae</i> ). <b>2014</b> , 43, 161-171	6
1887	Molecular cloning and characterization of a novel heat shock protein 20 of <i>Babesia orientalis</i> . <b>2014</b> , 204, 177-83	3
1886	Slow genital and genetic but rapid non-genital and ecological differentiation in a pair of spider species ( <i>Araneae</i> , <i>Pholcidae</i> ). <b>2014</b> , 253, 394-403	8
1885	Discovery of unconventional kinetochores in kinetoplastids. <b>2014</b> , 156, 1247-1258	168
1884	Expansion of the <i>Litopenaeus vannamei</i> and <i>Penaeus monodon</i> peptidomes using transcriptome shotgun assembly sequence data. <b>2014</b> , 206, 235-54	52
1883	Analysis of the genetic diversity of ovine herpesvirus 2 in samples from livestock with malignant catarrhal fever. <b>2014</b> , 172, 63-71	4
1882	New mini- zincin structures provide a minimal scaffold for members of this metallopeptidase superfamily. <b>2014</b> , 15, 1	225
1881	Itep: an integrated toolkit for exploration of microbial pan-genomes. <b>2014</b> , 15, 8	77
1880	On the systematic position of the Black-collared Lovebird <i>Agapornis swindernianus</i> ( <i>Agapornithinae</i> , <i>Psittaciformes</i> ). <b>2014</b> , 155, 581-589	3
1879	Contribution of NAC transcription factors to plant adaptation to land. <b>2014</b> , 343, 1505-8	155

1878	Non-ribosomal phylogenetic exploration of Mollicute species: new insights into haemoplasma taxonomy. <b>2014</b> , 23, 99-105	12
1877	<i>Starmerella aceti</i> f.a., sp. nov., an ascomycetous yeast species isolated from fungus garden of the leafcutter ant <i>Acromyrmex balzani</i> . <b>2014</b> , 64, 1428-1433	16
1876	<i>Wickerhamiella kiyanii</i> f.a., sp. nov. and <i>Wickerhamiella fructicola</i> f.a., sp. nov., two yeasts isolated from native plants of Atlantic rainforest in Brazil. <b>2014</b> , 64, 2152-2158	6
1875	High prevalence and genetic diversity of <i>Plasmodium malariae</i> and no evidence of <i>Plasmodium knowlesi</i> in Bangladesh. <b>2014</b> , 113, 1537-43	6
1874	Comparative genomics of unintrogresed <i>Campylobacter coli</i> clades 2 and 3. <b>2014</b> , 15, 129	31
1873	<i>Drechlerella stenobrocha</i> genome illustrates the mechanism of constricting rings and the origin of nematode predation in fungi. <b>2014</b> , 15, 114	52
1872	CbCBF from <i>Capsella bursa-pastoris</i> enhances cold tolerance and restrains growth in <i>Nicotiana tabacum</i> by antagonizing with gibberellin and affecting cell cycle signaling. <b>2014</b> , 85, 259-75	29
1871	On an early gene for membrane-integral inorganic pyrophosphatase in the genome of an apparently pre-luca extremophile, the archaeon <i>Candidatus Korarchaeum cryptofilum</i> . <b>2014</b> , 78, 140-7	7
1870	Replication interference between human papillomavirus types 16 and 18 mediated by heterologous E1 helicases. <b>2014</b> , 11, 11	20
1869	Epitypification of <i>Hebeloma crustuliniforme</i> . <b>2014</b> , 13, 553-562	9
1868	A well-constrained estimate for the timing of the salmonid whole genome duplication reveals major decoupling from species diversification. <b>2014</b> , 281, 20132881	267
1867	Helix kinks are equally prevalent in soluble and membrane proteins. <b>2014</b> , 82, 1960-70	52
1866	Analysis of the transcriptome of adult <i>Dictyocaulus filaria</i> and comparison with <i>Dictyocaulus viviparus</i> , with a focus on molecules involved in host-parasite interactions. <b>2014</b> , 44, 251-61	4
1865	Molecular phylogeny of the New World gecko genus <i>Homonota</i> (Squamata: Phyllodactylidae). <b>2014</b> , 43, 249-260	20
1864	Diversity and evolution of membrane intrinsic proteins. <b>2014</b> , 1840, 1468-81	138
1863	Genomic science in understanding cholera outbreaks and evolution of <i>Vibrio cholerae</i> as a human pathogen. <b>2014</b> , 379, 211-29	17
1862	Diversification of low dispersal crustaceans through mountain uplift: a case study of <i>Gammarus</i> (Amphipoda: Gammaridae) with descriptions of four novel species. <b>2014</b> , 170, 591-633	18
1861	The major cockroach allergen Bla g 4 binds tyramine and octopamine. <b>2014</b> , 60, 86-94	12

1860	Characterization of ancient and modern genomes by SNP detection and phylogenomic and metagenomic analysis using PALEOMIX. <b>2014</b> , 9, 1056-82		231
1859	Nitrogen and phosphorus additions impact arbuscular mycorrhizal abundance and molecular diversity in a tropical montane forest. <b>2014</b> , 20, 3646-59		140
1858	Two mitochondrial genomes from the families Bethyridae and Mutillidae: independent rearrangement of protein-coding genes and higher-level phylogeny of the Hymenoptera. <b>2014</b> , 77, 1-10		46
1857	Taxonomic study of Asian species of poroid Auriculariales. <b>2014</b> , 13, 987		17
1856	Herpesviral helicase-primase subunit UL8 is inactivated B-family polymerase. <b>2014</b> , 30, 2093-7		8
1855	The $\beta$ -glucanase ZgLamA from <i>Zobellia galactanivorans</i> evolved a bent active site adapted for efficient degradation of algal laminarin. <b>2014</b> , 289, 2027-42		50
1854	Prediction of the peptidomes of <i>Tigriopus californicus</i> and <i>Lepeophtheirus salmonis</i> (Copepoda, Crustacea). <b>2014</b> , 201, 87-106		52
1853	Phylogenetic characterisation of <i>Taenia</i> tapeworms in spotted hyenas and reconsideration of the "Out of Africa" hypothesis of <i>Taenia</i> in humans. <b>2014</b> , 44, 533-41		31
1852	Molecular markers from different genomic compartments reveal cryptic diversity within glaucophyte species. <b>2014</b> , 76, 181-8		18
1851	Fungi ahoy! Diversity on marine wooden substrata in the high North. <b>2014</b> , 8, 46-58		64
1850	A tick-borne segmented RNA virus contains genome segments derived from unsegmented viral ancestors. <b>2014</b> , 111, 6744-9		104
1849	Pigeon circoviruses display patterns of recombination, genomic secondary structure and selection similar to those of beak and feather disease viruses. <b>2014</b> , 95, 1338-1351		28
1848	Plant expansins in bacteria and fungi: evolution by horizontal gene transfer and independent domain fusion. <i>Molecular Biology and Evolution</i> , <b>2014</b> , 31, 376-86	8.3	72
1847	Integrative taxonomy of four <i>Clathrina</i> species of the Adriatic Sea, with the first formal description of <i>Clathrina rubra</i> Sar <sup>^</sup> , 1958. <b>2014</b> , 14, 21-29		7
1846	Sequential evolution of bacterial morphology by co-option of a developmental regulator. <b>2014</b> , 506, 489-93		56
1845	Molecular identification of a bronopol tolerant strain of <i>Saprolegnia australis</i> causing egg and fry mortality in farmed brown trout, <i>Salmo trutta</i> . <b>2014</b> , 118, 591-600		17
1844	Phylogenetic pinpointing of a paleopolyploidy event within the flax genus ( <i>Linum</i> ) using transcriptomics. <b>2014</b> , 113, 753-61		38
1843	Identification and developmental expression of the enzymes responsible for dopamine, histamine, octopamine and serotonin biosynthesis in the copepod crustacean <i>Calanus finmarchicus</i> . <b>2014</b> , 195, 28-39		29

1842	A mitochondrial genome sequence of a hominin from Sima de los Huesos. <b>2014</b> , 505, 403-6	341
1841	Molecular systematics of the South American rodent <i>Calomys laucha</i> (Cricetidae: Sigmodontinae), a reservoir of the Laguna Negra hantavirus. <b>2014</b> , 92, 1093-1098	5
1840	Plant genetics. A Y-chromosome-encoded small RNA acts as a sex determinant in persimmons. <b>2014</b> , 346, 646-50	240
1839	Phylogenomics resolves the timing and pattern of insect evolution. <b>2014</b> , 346, 763-7	1489
1838	Molecular phylogeny of hinge-beak shrimps (Decapoda: Caridea: Rhynchocinetes and Cinetorhynchus) and allies: a formal test of familiar and generic monophyly using a multilocus phylogeny. <b>2014</b> , 172, 426-450	8
1837	The vertebrate muscle-specific RING finger protein family includes MuRF4--a novel, conserved E3-ubiquitin ligase. <b>2014</b> , 588, 4390-7	9
1836	Trait-directed de novo population transcriptome dissects genetic regulation of a balanced polymorphism in phosphorus nutrition/arsenate tolerance in a wild grass, <i>Holcus lanatus</i> . <b>2014</b> , 201, 144-154	4
1835	A-to-I editing on tRNAs: biochemical, biological and evolutionary implications. <b>2014</b> , 588, 4279-86	77
1834	Bioinformatics for cancer immunotherapy target discovery. <b>2014</b> , 63, 1235-49	22
1833	Insights into the genus <i>Diaporthe</i> : phylogenetic species delimitation in the <i>D. eres</i> species complex. <b>2014</b> , 67, 203-229	149
1832	Towards a phylogenetic classification of reef corals: the Indo-Pacific genera <i>Merulina</i> , <i>Goniastrea</i> and <i>Scapophyllia</i> (Scleractinia, Merulinidae). <b>2014</b> , 43, 531-548	53
1831	Wildlife disease. Recent introduction of a chytrid fungus endangers Western Palearctic salamanders. <b>2014</b> , 346, 630-1	302
1830	<i>Aspergillus</i> , <i>Penicillium</i> and <i>Talaromyces</i> isolated from house dust samples collected around the world. <b>2014</b> , 78, 63-139	155
1829	Comparative genome sequencing reveals genomic signature of extreme desiccation tolerance in the anhydrobiotic midge. <b>2014</b> , 5, 4784	85
1828	Comparative transcriptomic analysis of two closely related ground beetle species with marked genetal divergence using pyrosequencing. <b>2014</b> , 31, 587-92	5
1827	Expanding the Halohydrin Dehalogenase Enzyme Family: Identification of Novel Enzymes by Database Mining. <b>2014</b> , 80, 7303-15	39
1826	Overlapping binding sites of the frataxin homologue assembly factor and the heat shock protein 70 transfer factor on the <i>Isu</i> iron-sulfur cluster scaffold protein. <b>2014</b> , 289, 30268-30278	31
1825	<i>Ailadinium reticulatum</i> gen. et sp. nov. (Dinophyceae), a New Thecate, Marine, Sand-Dwelling Dinoflagellate from the Northern Red Sea. <b>2014</b> , 50, 1120-36	11

1824	A novel papillomavirus in Adlie penguin ( <i>Pygoscelis adeliae</i> ) faeces sampled at the Cape Crozier colony, Antarctica. <b>2014</b> , 95, 1352-1365	42
1823	Redescription of <i>Namalycastis glasbyi</i> Fernando & Rajasekaran, 2007 (Annelida, Nereididae, Namanereidinae) from India. <b>2014</b> , 127, 455	2
1822	Similar is not the same: differences in the function of the (hemi-)cellulolytic regulator XlnR (Xlr1/Xyr1) in filamentous fungi. <b>2014</b> , 72, 73-81	58
1821	Selenophosphate synthetase in the male accessory glands of an insect without selenoproteins. <b>2014</b> , 71, 46-51	5
1820	Genetic history of hepatitis C virus in Pakistan. <b>2014</b> , 27, 318-24	6
1819	A novel fibroblast growth factor receptor family member promotes neuronal outgrowth and synaptic plasticity in aplysia. <b>2014</b> , 46, 2477-88	6
1818	Variability of the transporter gene complement in ammonia-oxidizing archaea. <b>2014</b> , 22, 665-75	56
1817	Comparative Protein Structure Modeling Using MODELLER. <b>2014</b> , 47, 5.6.1-32	754
1816	Novel divergent nidovirus in a python with pneumonia. <b>2014</b> , 95, 2480-2485	30
1815	A unique nodavirus with novel features: mosinovirus expresses two subgenomic RNAs, a capsid gene of unknown origin, and a suppressor of the antiviral RNA interference pathway. <b>2014</b> , 88, 13447-59	35
1814	Zn-bis-glutathionate is the best co-substrate of the monomeric phytochelatin synthase from the photosynthetic heavy metal-hyperaccumulator <i>Euglena gracilis</i> . <b>2014</b> , 6, 604-16	11
1813	Structural and functional investigation of zebrafish ( <i>Danio rerio</i> ) NOD1 leucine rich repeat domain and its interaction with iE-DAP. <b>2014</b> , 10, 2942-53	22
1812	Structure of <i>Rhodococcus equi</i> virulence-associated protein B (VapB) reveals an eight-stranded antiparallel $\beta$ -barrel consisting of two Greek-key motifs. <b>2014</b> , 70, 866-71	13
1811	HNH proteins are a widespread component of phage DNA packaging machines. <b>2014</b> , 111, 6022-7	59
1810	Short communication: Molecular epidemiology, phylogeny, and phylodynamics of CRF63_02A1, a recently originated HIV-1 circulating recombinant form spreading in Siberia. <b>2014</b> , 30, 912-9	12
1809	Alignment errors strongly impact likelihood-based tests for comparing topologies. <i>Molecular Biology and Evolution</i> , <b>2014</b> , 31, 3057-67	8,3 17
1808	Revision of basal calanoid copepod families, with a description of a new species and genus of Pseudocyclopidae. <b>2014</b> , 171, 507-533	13
1807	Identification of unique SUN-interacting nuclear envelope proteins with diverse functions in plants. <b>2014</b> , 205, 677-92	65

1806	Phylogenetic relationships among <i>Phytopythium</i> species, and re-evaluation of <i>Phytopythium fagopyri</i> comb. nov., recovered from damped-off buckwheat seedlings in Japan. <b>2014</b> , 13, 1145	22
1805	Structure-guided reprogramming of human cGAS dinucleotide linkage specificity. <b>2014</b> , 158, 1011-1021	81
1804	The relaxin family peptide receptors and their ligands: new developments and paradigms in the evolution from jawless fish to mammals. <b>2014</b> , 209, 93-105	18
1803	Systematics and Evolution. <b>2014</b> ,	28
1802	Multilocus molecular systematics and evolution in time and space of <i>Calligrapha</i> (Coleoptera: Chrysomelidae, Chrysomelinae). <b>2014</b> , 43, 605-628	6
1801	12 Tremellomycetes and Related Groups. <b>2014</b> , 331-355	17
1800	Evolutionarily distinct versions of the multidomain enzyme $\beta$ -isopropylmalate synthase share discrete mechanisms of V-type allosteric regulation. <b>2014</b> , 53, 4847-56	8
1799	<i>Madanidium loirii</i> gen. et sp. nov. (Dinophyceae), a new marine benthic dinoflagellate from Martinique Island, Eastern Caribbean. <b>2014</b> , 49, 165-178	12
1798	Gastrointestinal parasite fauna of Emperor Penguins ( <i>Aptenodytes forsteri</i> ) at the Atka Bay, Antarctica. <b>2014</b> , 113, 4133-9	14
1797	Cholera Outbreaks. <b>2014</b> ,	5
1796	Cellulolytic <i>Streptomyces</i> strains associated with herbivorous insects share a phylogenetically linked capacity to degrade lignocellulose. <b>2014</b> , 80, 4692-701	49
1795	<i>Bifidobacterium aesculapii</i> sp. nov., from the faeces of the baby common marmoset ( <i>Callithrix jacchus</i> ). <b>2014</b> , 64, 2819-2827	24
1794	A Polychaete's powerful punch: venom gland transcriptomics of <i>Glycera</i> reveals a complex cocktail of toxin homologs. <b>2014</b> , 6, 2406-23	50
1793	Diversity of zoonotic enterohepatic <i>Helicobacter</i> species and detection of a putative novel gastric <i>Helicobacter</i> species in wild and wild-born captive chimpanzees and western lowland gorillas. <b>2014</b> , 174, 186-94	9
1792	Microbiology, genomics, and clinical significance of the <i>Pseudomonas fluorescens</i> species complex, an unappreciated colonizer of humans. <b>2014</b> , 27, 927-48	118
1791	Molecular characterisation of an endornavirus infecting the phytopathogen <i>Sclerotinia sclerotiorum</i> . <b>2014</b> , 189, 303-9	29
1790	Not only for egg yolk—functional and evolutionary insights from expression, selection, and structural analyses of <i>Formica</i> ant vitellogenins. <i>Molecular Biology and Evolution</i> , <b>2014</b> , 31, 2181-93	8.3 56
1789	<i>Dicrocoelium chinensis</i> and <i>Dicrocoelium dendriticum</i> (Trematoda: Digenea) are distinct lancet fluke species based on mitochondrial and nuclear ribosomal DNA sequences. <b>2014</b> , 79, 325-31	39

1788	Plant, animal, and fungal micronutrient queuosine is salvaged by members of the DUF2419 protein family. <b>2014</b> , 9, 1812-25	25
1787	Structure of Nipah virus unassembled nucleoprotein in complex with its viral chaperone. <b>2014</b> , 21, 754-9	92
1786	Characterisation of a novel hypovirus from <i>Sclerotinia sclerotiorum</i> potentially representing a new genus within the Hypoviridae. <b>2014</b> , 464-465, 441-449	36
1785	Generation of catalytic human Ago4 identifies structural elements important for RNA cleavage. <b>2014</b> , 20, 1532-8	20
1784	A phylogeny reconstruction of the Dendrophylliidae (Cnidaria, Scleractinia) based on molecular and micromorphological criteria, and its ecological implications. <b>2014</b> , 43, 661-688	51
1783	Construction of an infectious clone of simian foamy virus of Japanese macaque (SFVjm) and phylogenetic analyses of SFVjm isolates. <b>2014</b> , 548, 149-54	5
1782	Metagenomic shotgun sequencing of a Bunyavirus in wild-caught <i>Aedes aegypti</i> from Thailand informs the evolutionary and genomic history of the Phleboviruses. <b>2014</b> , 464-465, 312-319	35
1781	An evolutionarily conserved alternate metal ligand is important for activity in $\beta$ -isopropylmalate synthase from <i>Mycobacterium tuberculosis</i> . <b>2014</b> , 1844, 1784-9	1
1780	A transcriptome approach to ecdysozoan phylogeny. <b>2014</b> , 80, 79-87	86
1779	Emerging sporotrichosis is driven by clonal and recombinant <i>Sporothrix</i> species. <b>2014</b> , 3, e32	82
1778	A new Microviridae phage isolated from a failed biotechnological process driven by <i>Escherichia coli</i> . <b>2014</b> , 80, 6992-7000	11
1777	Molecular phylogenetics of Caribbean <i>Micrathena</i> (Araneae : Araneidae) suggests multiple colonisation events and single island endemism. <b>2014</b> , 28, 337	30
1776	Multiple Sequence Alignment with Hidden Markov Models Learned by Random Drift Particle Swarm Optimization. <b>2014</b> , 11, 243-57	14
1775	Deciphering microbial landscapes of fish eggs to mitigate emerging diseases. <b>2014</b> , 8, 2002-14	44
1774	Molecular cloning and characterization of <i>Babesia orientalis</i> rhoptry-associated protein 1. <b>2014</b> , 205, 499-505	6
1773	Structure- and context-based analysis of the GxGYxYP family reveals a new putative class of glycoside hydrolase. <b>2014</b> , 15, 196	7
1772	ReformAlign: improved multiple sequence alignments using a profile-based meta-alignment approach. <b>2014</b> , 15, 265	8
1771	ShrimpGPAT: a gene and protein annotation tool for knowledge sharing and gene discovery in shrimp. <b>2014</b> , 15, 506	5

1770	Elucidation of the evolutionary expansion of phosphorylation signaling networks using comparative phosphomotif analysis. <b>2014</b> , 15, 546	6
1769	Inventory of the cichlid olfactory receptor gene repertoires: identification of olfactory genes with more than one coding exon. <b>2014</b> , 15, 586	13
1768	LTR retroelements are intrinsic components of transcriptional networks in frogs. <b>2014</b> , 15, 626	4
1767	Positive Darwinian selection in the singularly large taste receptor gene family of an 'ancient' fish, <i>Latimeria chalumnae</i> . <b>2014</b> , 15, 650	23
1766	SnipViz: a compact and lightweight web site widget for display and dissemination of multiple versions of gene and protein sequences. <b>2014</b> , 7, 468	7
1765	Characterization of the complete mitochondrial genomes of <i>Nematodirus oiratianus</i> and <i>Nematodirus spathiger</i> of small ruminants. <b>2014</b> , 7, 319	13
1764	The complete mitochondrial genome of the scab mite <i>Psoroptes cuniculi</i> (Arthropoda: Arachnida) provides insights into Acari phylogeny. <b>2014</b> , 7, 340	26
1763	In silico prediction of <i>Gallibacterium anatis pan-immunogens</i> . <b>2014</b> , 45, 80	8
1762	Use of envelope domain III protein for detection and differentiation of flaviviruses in the Free State Province, South Africa. <b>2014</b> , 14, 261-71	12
1761	<i>Saprolegnia</i> species affecting the salmonid aquaculture in Chile and their associations with fish developmental stage. <b>2014</b> , 434, 462-469	20
1760	An evolutionary arms race between KRAB zinc-finger genes ZNF91/93 and SVA/L1 retrotransposons. <b>2014</b> , 516, 242-5	281
1759	Identification of the first neuropeptides from the Amphipoda (Arthropoda, Crustacea). <b>2014</b> , 206, 96-110	40
1758	Negative purifying selection drives prion and doppel protein evolution. <b>2014</b> , 79, 12-20	5
1757	The complete mitochondrial genome of temminck's ground pangolin ( <i>Smutsia temminckii</i> ; Smuts, 1832) and phylogenetic position of the Pholidota (Weber, 1904). <b>2014</b> , 551, 49-54	15
1756	Occurrence and diversity of nitrite-dependent anaerobic methane oxidation bacteria in the sediments of the South China Sea revealed by amplification of both 16S rRNA and <i>pmoA</i> genes. <b>2014</b> , 98, 5685-96	63
1755	Eight novel F13A1 gene missense mutations in patients with mild FXIII deficiency: in silico analysis suggests changes in FXIII-A subunit structure/function. <b>2014</b> , 93, 1665-76	12
1754	First report of <i>Kudoa</i> species in the somatic muscle of the Japanese parrotfish <i>Calotomus japonicus</i> (Scaridae) and a description of <i>Kudoa igami</i> , n. sp. (Myxozoa: Multivalvulida). <b>2014</b> , 113, 2515-24	14
1753	Marine-derived <i>Penicillium</i> in Korea: diversity, enzyme activity, and antifungal properties. <b>2014</b> , 106, 331-45	29



1752	A novel cluster of mariner-like elements belonging to mellifera subfamily from spiders and insects: implications of recent horizontal transfer on the South-West Islands of Japan. <b>2014</b> , 142, 149-60	4
1751	The Evolution of Colchicaceae, with a Focus on Chromosome Numbers. <b>2014</b> , 39, 415-427	8
1750	Mitochondrial genome of <i>Babesia orientalis</i> , apicomplexan parasite of water buffalo ( <i>Bubalus bubalis</i> , Linnaeus, 1758) endemic in China. <b>2014</b> , 7, 82	19
1749	The B2 flowering time locus of beet encodes a zinc finger transcription factor. <b>2014</b> , 111, 10365-70	44
1748	Detection of murine norovirus by reverse transcription loop-mediated isothermal amplification. <b>2014</b> , 204, 17-24	6
1747	Simultaneous Bayesian estimation of alignment and phylogeny under a joint model of protein sequence and structure. <i>Molecular Biology and Evolution</i> , <b>2014</b> , 31, 2251-66	8.3 30
1746	Phylogenetic relationships of yellowjackets inferred from nine loci (Hymenoptera: Vespidae, Vespinae, <i>Vespula</i> and <i>Dolichovespula</i> ). <b>2014</b> , 73, 190-201	18
1745	Molecular phylogeny of the spider family Sparassidae with focus on the genus <i>Eusparassus</i> and notes on the RTA-clade and 'Laterigradae'. <b>2014</b> , 74, 48-65	27
1744	Contemporary genetic structure of an endemic freshwater turtle reflects Miocene orogenesis of New Guinea. <b>2014</b> , 111, 192-208	26
1743	PCR-based isolation of multigene families: lessons from the avian MHC class IIB. <b>2014</b> , 14, 778-88	29
1742	Phylogenetic positions of RH blood group-related genes in cyclostomes. <b>2014</b> , 543, 22-7	6
1741	Combined proteomic and transcriptomic interrogation of the venom gland of <i>Conus geographus</i> uncovers novel components and functional compartmentalization. <b>2014</b> , 13, 938-53	38
1740	Broad-scale specificity in a bark beetle-fungal symbiosis: a spatio-temporal analysis of the mycangial fungi of the western pine beetle. <b>2014</b> , 68, 859-70	25
1739	H2rs: deducing evolutionary and functionally important residue positions by means of an entropy and similarity based analysis of multiple sequence alignments. <b>2014</b> , 15, 118	7
1738	Nucleomorph and plastid genome sequences of the chlorarachniophyte <i>Lotharella oceanica</i> : convergent reductive evolution and frequent recombination in nucleomorph-bearing algae. <b>2014</b> , 15, 374	29
1737	Transcriptome assemblies for studying sex-biased gene expression in the guppy, <i>Poecilia reticulata</i> . <b>2014</b> , 15, 400	53
1736	Hemoglobins in the genome of the cryptomonad <i>Guillardia theta</i> . <b>2014</b> , 9, 7	2
1735	Picoeukaryotic diversity and distribution in the subtropical-tropical South China Sea. <b>2014</b> , 89, 563-79	35

1734	New insights into the phylogeny, systematics and DNA barcoding of Nemertea. <b>2014</b> , 28, 287	63
1733	Uncovering rare NADH-preferring ketol-acid reductoisomerases. <b>2014</b> , 26, 17-22	20
1732	Genomic analysis of the causative agents of coccidiosis in domestic chickens. <b>2014</b> , 24, 1676-85	121
1731	Microbial community dynamics during fermentation of doenjang-meju, traditional Korean fermented soybean. <b>2014</b> , 185, 112-20	86
1730	Fighting against uncertainty: an essential issue in bioinformatics. <b>2014</b> , 15, 748-67	4
1729	Evolutionary history of <i>Ichthyosaura alpestris</i> (Caudata, Salamandridae) inferred from the combined analysis of nuclear and mitochondrial markers. <b>2014</b> , 81, 207-20	25
1728	Promiscuous nickel import in human pathogens: structure, thermodynamics, and evolution of extracytoplasmic nickel-binding proteins. <b>2014</b> , 22, 1421-32	26
1727	Exploring new dating approaches for parasites: the worldwide Apodanthaceae (Cucurbitales) as an example. <b>2014</b> , 80, 1-10	28
1726	Molecular phylogeny and symbiotic selectivity of the green algal genus <i>Dictyochloropsis</i> s.l. (Trebouxiophyceae): a polyphyletic and widespread group forming photobiont-mediated guilds in the lichen family Lobariaceae. <b>2014</b> , 202, 455-470	61
1725	Infection of water buffalo in Rio de Janeiro Brazil with <i>Anaplasma marginale</i> strains also reported in cattle. <b>2014</b> , 205, 730-4	13
1724	Global phylogeny and biogeography of grammitid ferns (Polypodiaceae). <b>2014</b> , 81, 195-206	50
1723	Species identification in the genus <i>Saprolegnia</i> (Oomycetes): defining DNA-based molecular operational taxonomic units. <b>2014</b> , 118, 559-78	47
1722	Sequence and comparison of mitochondrial genomes in the genus <i>Nerita</i> (Gastropoda: Neritimorpha: Neritidae) and phylogenetic considerations among gastropods. <b>2014</b> , 15, 45-54	25
1721	Phylogenetic diversity of true morels ( <i>Morchella</i> ), the main edible non-timber product from native Patagonian forests of Argentina. <b>2014</b> , 118, 755-63	15
1720	Development of RNAi in a <i>Drosophila</i> endoparasitoid wasp and demonstration of its efficiency in impairing venom protein production. <b>2014</b> , 63, 56-61	24
1719	Cellulose-inducible xylanase Xyl10A from <i>Acremonium cellulolyticus</i> : Purification, cloning and homologous expression. <b>2014</b> , 94, 40-5	16
1718	Molecular characterization of the complete genome of falconid herpesvirus strain S-18. <b>2014</b> , 188, 109-21	5
1717	Cross-linking in the silks of bees, ants and hornets. <b>2014</b> , 48, 40-50	29

1716	First report of a new alphaherpesvirus in a freshwater turtle ( <i>Pseudemys concinna concinna</i> ) kept in Germany. <b>2014</b> , 170, 403-7	27
1715	Dog mitochondrial genome sequencing to enhance dog mtDNA discrimination power in forensic casework. <b>2014</b> , 12, 60-8	13
1714	Comparing virulence of North American <i>Beauveria brongniartii</i> and commercial pathogenic fungi against Asian longhorned beetles. <b>2014</b> , 72, 91-97	13
1713	The chloroplast genome of a <i>Symbiodinium</i> sp. clade C3 isolate. <b>2014</b> , 165, 1-13	39
1712	Anaerobic oxidation of long-chain n-alkanes by the hyperthermophilic sulfate-reducing archaeon, <i>Archaeoglobus fulgidus</i> . <b>2014</b> , 8, 2153-66	68
1711	Phylogenomics provides strong evidence for relationships of butterflies and moths. <b>2014</b> , 281, 20140970	116
1710	<i>Halophytophthora fluviatilis</i> sp. nov. from freshwater in Virginia. <b>2014</b> , 352, 230-7	13
1709	DEF- and GLO-like proteins may have lost most of their interaction partners during angiosperm evolution. <b>2014</b> , 114, 1431-43	37
1708	Assessing model sensitivity in ancestral area reconstruction using Lagrange: a case study using the Colchicaceae family. <b>2014</b> , 41, 1414-1427	29
1707	Dating the origin of the genus <i>Flavivirus</i> in the light of Beringian biogeography. <b>2014</b> , 95, 1969-1982	21
1706	Molecular virology of hepatitis B virus, sub-genotype C4 in northern Australian Indigenous populations. <b>2014</b> , 86, 695-706	29
1705	Root-associated fungi of <i>Arabidopsis thaliana</i> and <i>Microthlaspi perfoliatum</i> . <b>2014</b> , 66, 99-111	31
1704	Predicted structure and domain organization of rotavirus capping enzyme and innate immune antagonist VP3. <b>2014</b> , 88, 9072-85	25
1703	Molecular epidemiology of hepatitis delta virus in the Western Pacific region. <b>2014</b> , 61, 34-9	17
1702	Evolutionary history of two divergent <i>Dmrt1</i> genes reveals two rounds of polyploidy origins in gibel carp. <b>2014</b> , 78, 96-104	52
1701	Peptide discovery in the ectoparasitic crustacean <i>Argulus siamensis</i> : identification of the first neuropeptides from a member of the Branchiura. <b>2014</b> , 204, 114-25	35
1700	Phylogenetic disassembly of species boundaries in a widespread group of Australian skinks (Scincidae: Ctenotus). <b>2014</b> , 77, 71-82	21
1699	Complete tribal sampling reveals basal split in Muscidae (Diptera), confirms saprophagy as ancestral feeding mode, and reveals an evolutionary correlation between instar numbers and carnivory. <b>2014</b> , 78, 349-64	45

1698	In silico characterization of the peptidome of the sea louse <i>Caligus rogercresseyi</i> (Crustacea, Copepoda). <b>2014</b> , 204, 248-60	31
1697	ITS2, 18S, 16S or any other RNA - simply aligning sequences and their individual secondary structures simultaneously by an automatic approach. <b>2014</b> , 546, 145-9	53
1696	Prediction of the first neuropeptides from a member of the Remipedia (Arthropoda, Crustacea). <b>2014</b> , 201, 74-86	41
1695	Oleic acid is a precursor of linoleic acid and the male sex pheromone in <i>Nasonia vitripennis</i> . <b>2014</b> , 51, 33-40	38
1694	Fast assembly of the mitochondrial genome of a plant parasitic nematode ( <i>Meloidogyne graminicola</i> ) using next generation sequencing. <b>2014</b> , 337, 295-301	36
1693	Diffusible gas transmitter signaling in the copepod crustacean <i>Calanus finmarchicus</i> : identification of the biosynthetic enzymes of nitric oxide (NO), carbon monoxide (CO) and hydrogen sulfide (H <sub>2</sub> S) using a de novo assembled transcriptome. <b>2014</b> , 202, 76-86	16
1692	Stable isotope analysis, field observations and synthesis experiments suggest that <i>Odontia</i> is a non-mycorrhizal sister genus of <i>Tomentella</i> and <i>Thelephora</i> . <b>2014</b> , 11, 80-90	18
1691	RIG-I-like receptors evolved adaptively in mammals, with parallel evolution at LGP2 and RIG-I. <b>2014</b> , 426, 1351-65	23
1690	<i>Opisthorchis viverrini</i> -like liver fluke in birds from Vietnam: morphological variability and rDNA/mtDNA sequence confirmation. <b>2014</b> , 88, 441-6	18
1689	<i>Melanoleuca juliannae</i> (Basidiomycota, Tricholomataceae), a new species from subgen. <i>Urticocystis</i> . <b>2014</b> , 170, 013	8
1688	<i>Suillus triacicularis</i> sp. nov., a new species associated with <i>Pinus roxburghii</i> from northwestern Himalayas, India. <b>2014</b> , 162, 157	2
1687	<i>Lactarius</i> subgenus <i>Russularia</i> (Russulaceae) in South-East Asia: 2. Species with remarkably small basidiocarps. <b>2014</b> , 188, 181	13
1686	Evaluating the accuracy and efficiency of multiple sequence alignment methods. <b>2014</b> , 10, 205-17	27
1685	Full genome sequences of zebra-borne equine herpesvirus type 1 isolated from zebra, onager and Thomson's gazelle. <b>2014</b> , 76, 1309-12	12
1684	Characterization of the definitive classical calpain family of vertebrates using phylogenetic, evolutionary and expression analyses. <b>2014</b> , 4, 130219	26
1683	Molecular phylogeny of hinge-beak shrimps (Decapoda: Caridea: Rhynchocinetes and <i>Cinetorhynchus</i> ) and allies: a formal test of familiar and generic monophyly using a multilocus phylogeny. <b>2014</b> ,	0
1682	Repurposed transcriptomic data facilitate discovery of innate immunity toll-like receptor (TLR) Genes across Lophotrochozoa. <b>2014</b> , 227, 201-9	16
1681	Bower-building behaviour is associated with increased sperm longevity in Tanganyikan cichlids. <b>2014</b> , 27, 2629-43	11

1680	Species limits in <i>Diaporthe</i> : molecular re-assessment of <i>D. citri</i> , <i>D. cytospora</i> , <i>D. foeniculina</i> and <i>D. rudis</i> . <b>2014</b> , 32, 83-101	104
1679	Phylogeny and taxonomy of the genus <i>Gliocephalotrichum</i> . <b>2014</b> , 32, 127-40	6
1678	New <i>Phaeoacremonium</i> species isolated from sandalwood trees in Western Australia. <b>2014</b> , 5, 67-77	18
1677	Statistical tests to identify appropriate types of nucleotide sequence recoding in molecular phylogenetics. <b>2014</b> , 15 Suppl 2, S8	7
1676	<i>Erysiphe magnoliicola</i> , a new powdery mildew on <i>Magnolia</i> . <b>2014</b> , 129, 153-161	3
1675	Notes on the taxonomic positions of some Hymenochaetaceae (Basidiomycota) species with colored basidiospores. <b>2014</b> , 177, 183	13
1674	On the systematic position of the genus <i>Timmiella</i> (Dicranidae, Bryopsida) and its allied genera, with the description of a new family Timmiellaceae. <b>2014</b> , 181, 151	19
1673	Phylogenetic relationships of <i>Discyphus scopulariae</i> (Orchidaceae, Cranichideae) inferred from plastid and nuclear DNA sequences: evidence supporting recognition of a new subtribe, Discyphinae. <b>2014</b> , 173, 127	5
1672	Molecular sequence data from populations of <i>Bryoria fuscescens</i> s. lat. in the mountains of central Spain indicates a mismatch between haplotypes and chemotypes. <b>2015</b> , 47, 279-286	7
1671	The description of a new species reveals underestimated diversity in the lichen genus <i>Bulbothrix</i> (Parmeliaceae) in Africa. <b>2015</b> , 47, 323-334	3
1670	The trans-riverine genetic structure of 28 Amazonian frog species is dependent on life history. <b>2015</b> , 31, 361-373	38
1669	Phylogeny of tremellomycetous yeasts and related dimorphic and filamentous basidiomycetes reconstructed from multiple gene sequence analyses. <b>2015</b> , 81, 1-26	90
1668	Lineage-specific gene radiations underlie the evolution of novel betalain pigmentation in Caryophyllales. <b>2015</b> , 207, 1170-80	104
1667	Molecular circumscription and intraspecific variation in <i>Porella canariensis</i> (F.Weber) Underw. (Porellaceae, Marchantiophyta). <b>2015</b> , 37, 241-244	1
1666	Determining the Position of Storks on the Phylogenetic Tree of Waterbirds by Retroposon Insertion Analysis. <b>2015</b> , 7, 3180-9	10
1665	Four new <i>Penicillium</i> species isolated from the fynbos biome in South Africa, including a multigene phylogeny of section <i>Lanata-Divaricata</i> . <b>2015</b> , 14, 1	15
1664	Two new <i>Trechispora</i> species from La Réunion Island. <b>2015</b> , 14, 1	7
1663	Comparative genomics of <i>Pseudomonas fluorescens</i> subclade III strains from human lungs. <b>2015</b> , 16, 1032	9

1662	Phylogeography and evolutionary patterns in <i>Sporothrix</i> spanning more than 14 000 human and animal case reports. <b>2015</b> , 35, 1-20	119
1661	<i>Roholtiella</i> , gen. nov. (Nostocales, Cyanobacteria) with tapering and branching cyanobacteria of the family Nostocaceae. <b>2015</b> , 197, 84	55
1660	Rapid metagenomic identification of viral pathogens in clinical samples by real-time nanopore sequencing analysis. <b>2015</b> , 7, 99	331
1659	Molecular studies reveal a new species of Bryoria in Chile. <b>2015</b> , 47, 387-394	2
1658	A molecular phylogenetic study of Cucujidae s.l. (Coleoptera: Cucujoidea). <b>2015</b> , 40, 705-718	17
1657	<i>Mensularia rhododendri</i> (Hymenochaetaceae, Basidiomycota) from southwestern China. <b>2015</b> , 212, 157	4
1656	<i>Tropicoporus boehmeriae</i> sp. nov. (Hymenochaetaceae, Basidiomycota) from Thailand, a new member of the <i>Inotus linteus</i> complex. <b>2015</b> , 231, 73	5
1655	<i>Hymenoporus paradoxus</i> gen. et sp. nov., a striking fungus of the family Omphalotaceae (Agaricales, Basidiomycota) with tubular hymenophore. <b>2015</b> , 204, 203	3
1654	<i>Porpomyces submucidus</i> (Hydnodontaceae, Basidiomycota), a new species from tropical China based on morphological and molecular evidence. <b>2015</b> , 230, 61	3
1653	<i>Wolbachia</i> distribution in selected beetle taxa characterized by PCR screens and MLST data. <b>2015</b> , 5, 4345-53	16
1652	<i>Auricularia thailandica</i> sp. nov. (Auriculariaceae, Auriculariales) a widely distributed species from Southeastern Asia. <b>2015</b> , 208, 147	7
1651	<i>Vulcanochloris</i> (Trebouxiiales, Trebouxiophyceae), a new genus of lichen photobiont from La Palma, Canary Islands, Spain. <b>2015</b> , 219, 118	21
1650	Hyphomycetes from aquatic habitats in Southern China: Species of <i>Curvularia</i> (Pleosporaceae) and <i>Phragmocephala</i> (Melannomataceae). <b>2015</b> , 226, 201	31
1649	<i>Muriphaeosphaeria galatellae</i> gen. et sp. nov. in Phaeosphaeriaceae (Pleosporales). <b>2015</b> , 227, 55	16
1648	<i>Annulatascus saprophyticus</i> sp. nov. and <i>Pseudoannulatascus</i> gen. nov. to accommodate <i>Annulatascus biatriisporus</i> (Annulatasciales, Sordariomycetes) from Thailand. <b>2015</b> , 239, 174	8
1647	Refining the pH response in <i>Aspergillus nidulans</i> : a modulatory triad involving PacX, a novel zinc binuclear cluster protein. <b>2015</b> , 98, 1051-72	13
1646	Unravelling <i>Colletotrichum</i> species associated with <i>Camellia</i> : employing ApMat and GS loci to resolve species in the <i>C. gloeosporioides</i> complex. <b>2015</b> , 35, 63-86	113
1645	Contemporary evolution of resistance at the major insecticide target site gene <i>Ace-1</i> by mutation and copy number variation in the malaria mosquito <i>Anopheles gambiae</i> . <b>2015</b> , 24, 2656-72	43

1644	New national and regional bryophyte records, 44. <b>2015</b> , 37, 228-241	27
1643	Comparative genomic analyses of freshly isolated <i>Giardia intestinalis</i> assemblage A isolates. <b>2015</b> , 16, 697	33
1642	Divergence thresholds and divergent biodiversity estimates: can metabarcoding reliably describe zooplankton communities?. <b>2015</b> , 5, 2234-51	80
1641	Morphological update on <i>Calycina marina</i> (Pezizellaceae, Helotiales, Leotiomycetes), a new combination for <i>Laetinaevia marina</i> . <b>2015</b> , 58,	11
1640	Absence of cytomegalovirus in high-coverage DNA sequencing of human glioblastoma multiforme. <b>2015</b> , 136, 977-81	31
1639	Microbial eukaryotic diversity and distribution in a river plume and cyclonic eddy-influenced ecosystem in the South China Sea. <b>2015</b> , 4, 826-40	7
1638	Cyanobacteria and the Great Oxidation Event: evidence from genes and fossils. <b>2015</b> , 58, 769-785	123
1637	Structural and functional influences of coagulation factor XIII subunit B heterozygous missense mutants. <b>2015</b> , 3, 258-71	7
1636	Phylogenetic systematics of leaffishes (Teleostei: Polycentridae, Nandidae). <b>2015</b> , 53, 259-272	11
1635	- Pharmacophore Modeling and Pharmacophore-Based Virtual Screening. <b>2015</b> , 140-171	1
1634	Molecular phylogeny supports S-chaetae as a key character better than jumping organs and body scales in classification of Entomobryoidea (Collembola). <b>2015</b> , 5, 12471	17
1633	Population structure of Endomicrobia in single host cells of termite gut flagellates ( <i>Trichonympha</i> spp.). <b>2015</b> , 30, 92-8	23
1632	Burkholderia of Plant-Beneficial Group are Symbiotically Associated with Bordered Plant Bugs (Heteroptera: Pyrrhocoroidea: Largidae). <b>2015</b> , 30, 321-9	28
1631	Multiple invasions of an infectious retrovirus in cat genomes. <b>2015</b> , 5, 8164	15
1630	Sequence differences in the internal transcribed spacer 1 and 5.8S ribosomal RNA among three <i>Moniezia</i> species isolated from ruminants in Japan. <b>2015</b> , 77, 105-7	9
1629	Distribution and evolution of nitrogen fixation genes in the phylum Bacteroidetes. <b>2015</b> , 30, 44-50	36
1628	Evolutionary rate variation in two conifer species, <i>Taxodium distichum</i> (L.) Rich. var. <i>distichum</i> (baldcypress) and <i>Cryptomeria japonica</i> (Thunb. ex L.f.) D. Don (Sugi, Japanese cedar). <b>2015</b> , 90, 305-15	4
1627	Is morphology in <i>Cercospora</i> a reliable reflection of generic affinity?. <b>2015</b> , 213, 22	20

1626	Complete mitochondrial genome of the medicinal fungus <i>Ophiocordyceps sinensis</i> . <b>2015</b> , 5, 13892	40
1625	Potential Role of Acetyl-CoA Synthetase ( <i>acs</i> ) and Malate Dehydrogenase ( <i>mae</i> ) in the Evolution of the Acetate Switch in Bacteria and Archaea. <b>2015</b> , 5, 12498	6
1624	Genetic diversity and evolutionary insights of respiratory syncytial virus A ON1 genotype: global and local transmission dynamics. <b>2015</b> , 5, 14268	79
1623	Dormant phages of <i>Helicobacter pylori</i> reveal distinct populations in Europe. <b>2015</b> , 5, 14333	24
1622	The making of a branching annelid: an analysis of complete mitochondrial genome and ribosomal data of <i>Ramisyllis multicaudata</i> . <b>2015</b> , 5, 12072	29
1621	Evidence for horizontal transfer of mitochondrial DNA to the plastid genome in a bamboo genus. <b>2015</b> , 5, 11608	47
1620	Bats and Rodents Shape Mammalian Retroviral Phylogeny. <b>2015</b> , 5, 16561	19
1619	Biogeography of <i>Phallusia nigra</i> : is it really black and white?. <b>2015</b> , 228, 52-64	26
1618	Unexpected diversity of <i>Anopheles</i> species in Eastern Zambia: implications for evaluating vector behavior and interventions using molecular tools. <b>2015</b> , 5, 17952	67
1617	Exploring molecular variation in <i>Schistosoma japonicum</i> in China. <b>2015</b> , 5, 17345	19
1616	Red clover ( <i>Trifolium pratense</i> L.) draft genome provides a platform for trait improvement. <b>2015</b> , 5, 17394	85
1615	Complete mitochondrial genome of <i>Bactrocera arecae</i> (Insecta: Tephritidae) by next-generation sequencing and molecular phylogeny of Dacini tribe. <b>2015</b> , 5, 15155	21
1614	References. 220-239	
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1610	Phylogenetics reveals the crustacean order Amphionidacea to be larval shrimps (Decapoda: Caridea). <b>2015</b> , 5, 17464	16
1609	Parallel molecular routes to cold adaptation in eight genera of New Zealand stick insects. <b>2015</b> , 5, 13965	32



1608	A new predatory leech from Vietnam (Hirudinida : Arhynchobdellida : Salifidae): its phylogenetic position with comments on the classification of the family. <b>2015</b> , 29, 473	1
1607	Molecular phylogenetics of species of <i>Bulbophyllum</i> sect. <i>Trias</i> (Orchidaceae; Epidendroideae; Malaxidae) based on nrITS and plastid <i>rbcL</i> and <i>matK</i> . <b>2015</b> , 226, 1	2
1606	<i>Opuntia delafuentiana</i> (Cactaceae: Opuntioideae), a new xocostle from central Mexico. <b>2015</b> , 231, 230	3
1605	Taxonomy and phylogeny of <i>Cercospora</i> spp. from Northern Thailand. <b>2015</b> , 233, 27	15
1604	<i>Boletus recapitulatus</i> (Boletaceae), a new species from India with peculiar mushroom-shaped cells. <b>2015</b> , 236, 150	3
1603	<i>Clathrosporium retortum</i> , a novel aeroaquatic fungus in the Sordariomycetidae (Ascomycota) from Brazil. <b>2015</b> , 239, 17	3
1602	A polyphasic approach to characterise two novel species of <i>Phoma</i> (Didymellaceae) from China. <b>2015</b> , 197, 267-281	26
1601	<i>Lactarius cucurbitoides</i> (Russulales, Basidiomycota), a new species from South Korea supported by molecular and morphological data. <b>2015</b> , 205, 168	11
1600	<i>Neocordana</i> gen. nov., the causal organism of <i>Cordana</i> leaf spot on banana. <b>2015</b> , 205, 229	13
1599	A taxonomic and phylogenetic re-appraisal of the genus <i>Curvularia</i> (Pleosporaceae): human and plant pathogens. <b>2015</b> , 212, 175	45
1598	<i>Pedicularis wanghongiae</i> (Orobanchaceae), a new species from Yunnan, southwestern China. <b>2015</b> , 217, 53	4
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1527	Phylogeny and historical biogeography of the cocosoid palms (Arecaceae, Arecoideae, Cocoseae) inferred from sequences of six WRKY gene family loci. <b>2015</b> , 31, 509-534	34
1526	CHOPIN: a web resource for the structural and functional proteome of <i>Mycobacterium tuberculosis</i> . <b>2015</b> , 2015,	19
1525	Human legacies differentially organize functional and phylogenetic diversity of urban herbaceous plant communities at multiple spatial scales. <b>2015</b> , 18, 513-527	37
1524	The complete mitochondrial genome of the endemic and highly specialized South African bee species <i>Rediviva intermixta</i> (Hymenoptera: Melittidae), with a comparison with other bee mitogenomes. <b>2015</b> , 116, 940-953	7
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1519	Phylogenetic position and composition of Zygiellinae and <i>Caerostris</i> , with new insight into orb-web evolution and gigantism. <b>2015</b> , 175, 225-243	26

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1513	Molecular variation and horizontal gene transfer of the homocysteine methyltransferase gene mmuM and its distribution in clinical pathogens. <b>2015</b> , 11, 11-21	7
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1504	Investigation of Marine-Derived Fungal Diversity and Their Exploitable Biological Activities. <b>2015</b> , 13, 4137-55	57
1503	Phylogeny of the Vitamin K 2,3-Epoxy Reductase (VKOR) Family and Evolutionary Relationship to the Disulfide Bond Formation Protein B (DsbB) Family. <b>2015</b> , 7, 6224-49	9
1502	Positive selection in extra cellular domains in the diversification of Strigamia maritima chemoreceptors. <b>2015</b> , 3,	3
1501	Evolution of two receptors detecting the same pheromone compound in crop pest moths of the genus Spodoptera. <b>2015</b> , 3,	17

1500	Integrative conjugative elements of the ICEPan family play a potential role in <i>Pantoea ananatis</i> ecological diversification and antibiosis. <b>2015</b> , 6, 576	10
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1498	Novel molecular markers for the detection of methanogens and phylogenetic analyses of methanogenic communities. <b>2015</b> , 6, 694	23
1497	Comparative genomics analysis of pKF3-94 in <i>Klebsiella pneumoniae</i> reveals plasmid compatibility and horizontal gene transfer. <b>2015</b> , 6, 831	7
1496	Manipulation of oil synthesis in <i>Nannochloropsis</i> strain NIES-2145 with a phosphorus starvation-inducible promoter from <i>Chlamydomonas reinhardtii</i> . <b>2015</b> , 6, 912	48
1495	Multiple adaptations to polar and alpine environments within cyanobacteria: a phylogenomic and Bayesian approach. <b>2015</b> , 6, 1070	48
1494	Comparative Genomic Insights into Ecophysiology of Neutrophilic, Microaerophilic Iron Oxidizing Bacteria. <b>2015</b> , 6, 1265	61
1493	Comparative Analysis of Secretomes from Ectomycorrhizal Fungi with an Emphasis on Small-Secreted Proteins. <b>2015</b> , 6, 1278	74
1492	Rapid Identification of Emerging Human-Pathogenic <i>Sporothrix</i> Species with Rolling Circle Amplification. <b>2015</b> , 6, 1385	30
1491	Bacterial Diversity and Mycotoxin Reduction During Maize Fermentation (Steeping) for Ogi Production. <b>2015</b> , 6, 1402	52
1490	Divergent evolution of two corticotropin-releasing hormone (CRH) genes in teleost fishes. <b>2015</b> , 9, 365	28
1489	Two new species of <i>Phyllodistomum</i> Braun, 1899 (Digenea: Gorgoderidae), from freshwater fishes (Cyprinodontiformes: Goodeidae: Goodeinae) in central Mexico: An integrative taxonomy approach using morphology, ultrastructure and molecular phylogenetics. <b>2015</b> , 4013, 87-99	9
1488	Phylogenetic analysis of <i>Elymus</i> (Poaceae) in western China. <b>2015</b> , 14, 12228-39	3
1487	New light on the systematics of fungi associated with attine ant gardens and the description of <i>Escovopsis kreiselii</i> sp. nov. <b>2015</b> , 10, e0112067	15
1486	Sequencing and analysis of globally obtained human respiratory syncytial virus A and B genomes. <b>2015</b> , 10, e0120098	46
1485	Genome-wide comparative analysis reveals similar types of NBS genes in hybrid <i>Citrus sinensis</i> genome and original <i>Citrus clementine</i> genome and provides new insights into non-TIR NBS genes. <b>2015</b> , 10, e0121893	8
1484	Novel Detection of Insecticide Resistance Related P450 Genes and Transcriptome Analysis of the Hemimetabolous Pest <i>Erthesina fullo</i> (Thunberg) (Hemiptera: Heteroptera). <b>2015</b> , 10, e0125970	3
1483	Est10: A Novel Alkaline Esterase Isolated from Bovine Rumen Belonging to the New Family XV of Lipolytic Enzymes. <b>2015</b> , 10, e0126651	10

1482	Functional Constraint Profiling of a Viral Protein Reveals Discordance of Evolutionary Conservation and Functionality. <b>2015</b> , 11, e1005310	35
1481	Evolution and Design Governing Signal Precision and Amplification in a Bacterial Chemosensory Pathway. <b>2015</b> , 11, e1005460	22
1480	Molecular Diagnosis of Pathogenic <i>Sporothrix</i> Species. <b>2015</b> , 9, e0004190	77
1479	Fossil and genetic evidence for the polyphyletic nature of the planktonic foraminifera "Globigerinoides", and description of the new genus <i>Trilobatus</i> . <b>2015</b> , 10, e0128108	78
1478	Entorrhizomycota: A New Fungal Phylum Reveals New Perspectives on the Evolution of Fungi. <b>2015</b> , 10, e0128183	33
1477	Glycosyltransferase family 43 is also found in early eukaryotes and has three subfamilies in Charophycean green algae. <b>2015</b> , 10, e0128409	9
1476	The Complete Mitochondrial Genome of <i>Corizus tetraspilus</i> (Hemiptera: Rhopalidae) and Phylogenetic Analysis of Pentatomomorpha. <b>2015</b> , 10, e0129003	28
1475	Diversity and Evolutionary History of Iron Metabolism Genes in Diatoms. <b>2015</b> , 10, e0129081	43
1474	Phylogeny of Echinoderm Hemoglobins. <b>2015</b> , 10, e0129668	6
1473	Insights into <i>Penicillium roqueforti</i> Morphological and Genetic Diversity. <b>2015</b> , 10, e0129849	35
1472	Complete Chloroplast Genome of <i>Tanaecium tetragonolobum</i> : The First Bignoniaceae Plastome. <b>2015</b> , 10, e0129930	51
1471	SNP Analysis Infers that Recombination Is Involved in the Evolution of Amitraz Resistance in <i>Rhipicephalus microplus</i> . <b>2015</b> , 10, e0131341	28
1470	Molecular Phylogenetic Analysis of Ballistoconidium-Forming Yeasts in Trichosporonales (Tremellomycetes): A Proposal for <i>Takashimella</i> gen. nov. and <i>Cryptotrichosporon tibetense</i> sp. nov. <b>2015</b> , 10, e0132653	9
1469	The Origin and Evolution of Baeyer-Villiger Monooxygenases (BVMOs): An Ancestral Family of Flavin Monooxygenases. <b>2015</b> , 10, e0132689	32
1468	"PP2C7s", Genes Most Highly Elaborated in Photosynthetic Organisms, Reveal the Bacterial Origin and Stepwise Evolution of PPM/PP2C Protein Phosphatases. <b>2015</b> , 10, e0132863	9
1467	The Hidden Diversity of <i>Zanclaea</i> Associated with Scleractinians Revealed by Molecular Data. <b>2015</b> , 10, e0133084	23
1466	Host Jumps and Radiation, Not Co-Divergence Drives Diversification of Obligate Pathogens. A Case Study in Downy Mildews and Asteraceae. <b>2015</b> , 10, e0133655	51
1465	Diversification of the Genus <i>Anopheles</i> and a Neotropical Clade from the Late Cretaceous. <b>2015</b> , 10, e0134462	20



1464	Mitochondrial Genome Supports Sibling Species of <i>Angiostrongylus costaricensis</i> (Nematoda: Angiostrongylidae). <b>2015</b> , 10, e0134581	15
1463	Origin and Diversification of Meprin Proteases. <b>2015</b> , 10, e0135924	1
1462	The Mitochondrial Genomes of <i>Aquila fasciata</i> and <i>Buteo lagopus</i> (Aves, Accipitriformes): Sequence, Structure and Phylogenetic Analyses. <b>2015</b> , 10, e0136297	13
1461	The LysE Superfamily of Transport Proteins Involved in Cell Physiology and Pathogenesis. <b>2015</b> , 10, e0137184	18
1460	Evolution of a Novel Antiviral Immune-Signaling Interaction by Partial-Gene Duplication. <b>2015</b> , 10, e0137276	8
1459	Functional Advantages of Conserved Intrinsic Disorder in RNA-Binding Proteins. <b>2015</b> , 10, e0139731	71
1458	Ancient Origin of the U2 Small Nuclear RNA Gene-Targeting Non-LTR Retrotransposons Utopia. <b>2015</b> , 10, e0140084	6
1457	Differential microRNA Expression in Fast- and Slow-Twitch Skeletal Muscle of <i>Piaractus mesopotamicus</i> during Growth. <b>2015</b> , 10, e0141967	21
1456	Granule Associated Serine Proteases of Hematopoietic Cells - An Analysis of Their Appearance and Diversification during Vertebrate Evolution. <b>2015</b> , 10, e0143091	27
1455	Genomic Patterns of Positive Selection at the Origin of Rust Fungi. <b>2015</b> , 10, e0143959	9
1454	Cloning and Functional Characterization of Two BTB Genes in the Predatory Mite <i>Metaseiulus occidentalis</i> . <b>2015</b> , 10, e0144291	10
1453	Neuropeptidergic Signaling in the American Lobster <i>Homarus americanus</i> : New Insights from High-Throughput Nucleotide Sequencing. <b>2015</b> , 10, e0145964	64
1452	Transcriptome analysis and RNA interference of cockroach phototransduction indicate three opsins and suggest a major role for TRPL channels. <b>2015</b> , 6, 207	31
1451	Molecular phylogeny of <i>Niphargus boskovici</i> (Crustacea: Amphipoda) reveals a new species from epikarst. <b>2015</b> , 3994, 354-76	7
1450	<i>Hypolestes hatuey</i> sp. nov.: a new species of the enigmatic genus <i>Hypolestes</i> (Odonata, Hypolestidae) from Hispaniola. <b>2015</b> , 4000, 207-26	5
1449	A new caruncle-bearing <i>Limnonectes</i> (Anura: Dicroglossidae) from northeastern Thailand. <b>2015</b> , 3956, 258-70	2
1448	Phylogenetic systematics of egg-brooding frogs (Anura: Hemiphraactidae) and the evolution of direct development. <b>2015</b> , 4004, 1-75	31
1447	A second New World hoverfly, <i>Toxomerus floralis</i> (Fabricius) (Diptera: Syrphidae), recorded from the Old World, with description of larval pollen-feeding ecology. <b>2015</b> , 4044, 567-76	6

1446	The genus <i>Syllis</i> Savigny in Lamarck, 1818 (Annelida, Syllidae) from Australia. Molecular analysis and re-description of some poorly-known species. <b>2015</b> , 4052, 297-331	9
1445	Molecular phylogenetics, systematics and host-plant associations of the <i>Bruchidius albosparsus</i> (Fåhraeus) species group (Coleoptera, Chrysomelidae, Bruchinae) with the description of four new species. <b>2015</b> , 3931, 451-82	5
1444	New species of cynipid inquilines of the genus <i>Synergus</i> (Hymenoptera: Cynipidae: Synergini) from the Eastern Palaearctic. <b>2015</b> , 3999, 451-97	14
1443	New records for the Kosovo caddisfly fauna with the description of a new species, <i>Drusus dardanicus</i> sp. nov. (Trichoptera: Limnephilidae). <b>2015</b> , 4032, 551-68	11
1442	A revision of the genus <i>Conicofrontia</i> Hampson (Lepidoptera, Noctuidae, Apameini, Sesamiina), with description of a new species: new insights from morphological, ecological and molecular data. <b>2015</b> , 3925, 56-74	8
1441	<i>Cladosporium cladosporioides</i> and <i>C. tenuissimum</i> Cause Blossom Blight in Strawberry in Korea. <b>2015</b> , 43, 354-9	15
1440	Description of a new species of <i>Niphargus</i> (Crustacea: Amphipoda: Niphargidae): the first record of a lake ecomorph in the Carpathian Mountains. <b>2015</b> , 4027, 117-29	4
1439	A new species of bright-eyed treefrog (Mantellidae) from Madagascar, with comments on call evolution and patterns of syntopy in the <i>Boophis ankaratra</i> complex. <b>2015</b> , 4034, 531-55	5
1438	The systematic status of <i>Gonocephalus robinsonii</i> Boulenger, 1908 (Squamata: Agamidae: Draconinae). <b>2015</b> , 4039, 129-44	4
1437	Genome-wide identification, evolutionary, and expression analyses of histone H3 variants in plants. <b>2015</b> , 2015, 341598	11
1436	Phylogenomic and molecular demarcation of the core members of the polyphyletic pasteuraceae genera <i>actinobacillus</i> , <i>haemophilus</i> , and <i>pasteurella</i> . <b>2015</b> , 2015, 198560	17
1435	New species of Limnephilidae (Insecta: Trichoptera) from Europe: Alps and Pyrenees as harbours of unknown biodiversity. <b>2015</b> , 3911, 381-95	10
1434	TRIP13 is a protein-remodeling AAA+ ATPase that catalyzes MAD2 conformation switching. <b>2015</b> , 4,	103
1433	Chromerid genomes reveal the evolutionary path from photosynthetic algae to obligate intracellular parasites. <b>2015</b> , 4, e06974	138
1432	A Database of Plastid Protein Families from Red Algae and Apicomplexa and Expression Regulation of the <i>moeB</i> Gene. <b>2015</b> , 2015, 510598	5
1431	Unprecedented genomic diversity of RNA viruses in arthropods reveals the ancestry of negative-sense RNA viruses. <b>2015</b> , 4,	435
1430	Limited Polymorphisms between Two Whole Plastid Genomes in the Genus <i>Zizania</i> (Zizaniinae). <b>2015</b> , 8,	2
1429	Evolutionary Analysis of Genes for S-RNase-based Self-incompatibility Reveals S Locus Duplications in the Ancestral Rosaceae. <b>2015</b> , 84, 233-242	19

1428	New species of cynipid inquilines of the genus <i>Saphonecrus</i> (Hymenoptera: Cynipidae: Synergini) from the Eastern Palaearctic, with a re-appraisal of known species world-wide. <b>2015</b> , 4054, 1-84	19
1427	Comparative transcriptome analyses reveal core parasitism genes and suggest gene duplication and repurposing as sources of structural novelty. <i>Molecular Biology and Evolution</i> , <b>2015</b> , 32, 767-90	8.3 93
1426	Similarity-based codes sequentially assigned to ebolavirus genomes are informative of species membership, associated outbreaks, and transmission chains. <b>2015</b> , 2, ofv024	7
1425	Molecular characterization and evolutionary insights into potential sex-determination genes in the western orchard predatory mite <i>Metaseiulus occidentalis</i> (Chelicerata: Arachnida: Acari: Phytoseiidae). <b>2015</b> , 33, 1239-53	16
1424	Interactions between tick and transmitted pathogens evolved to minimise competition through nested and coherent networks. <b>2015</b> , 5, 10361	47
1423	Phylogenomic Analyses Indicate that Early Fungi Evolved Digesting Cell Walls of Algal Ancestors of Land Plants. <b>2015</b> , 7, 1590-601	126
1422	Employing Phylogenomics to Resolve the Relationships among Cnidarians, Ctenophores, Sponges, Placozoans, and Bilaterians. <b>2015</b> , 55, 1084-95	33
1421	The tomato I-3 gene: a novel gene for resistance to <i>Fusarium</i> wilt disease. <b>2015</b> , 207, 106-118	103
1420	High morphological plasticity and global geographical distribution of the Pacific broad tapeworm <i>Adenocephalus pacificus</i> (syn. <i>Diphyllobothrium pacificum</i> ): molecular and morphological survey. <b>2015</b> , 149, 168-78	40
1419	The complete mitochondrial genome of <i>Pseudoterranova azarasi</i> and comparative analysis with other anisakid nematodes. <b>2015</b> , 33, 293-8	12
1418	Unexpected diversity of basidiomycetous endophytes in sapwood and leaves of <i>Hevea</i> . <b>2015</b> , 107, 284-97	55
1417	Streptophyte phytochromes exhibit an N-terminus of cyanobacterial origin and a C-terminus of proteobacterial origin. <b>2015</b> , 8, 144	13
1416	Evolution of retinoic acid receptors in chordates: insights from three lamprey species, <i>Lampetra fluviatilis</i> , <i>Petromyzon marinus</i> , and <i>Lethenteron japonicum</i> . <b>2015</b> , 6, 18	5
1415	Scorpion speciation in the Holy Land: Multilocus phylogeography corroborates diagnostic differences in morphology and burrowing behavior among <i>Scorpio</i> subspecies and justifies recognition as phylogenetic, ecological and biological species. <b>2015</b> , 91, 226-37	12
1414	Diagnostics for a troubled backbone: testing topological hypotheses of trapelioid lichenized fungi in a large-scale phylogeny of <i>Ostropomycetidae</i> (Lecanoromycetes). <b>2015</b> , 73, 239-258	37
1413	Identification of DNA sequences that imply a novel gammaherpesvirus in seals. <b>2015</b> , 96, 1109-1114	17
1412	Conservation of G-Protein Epitopes in Respiratory Syncytial Virus (Group A) Despite Broad Genetic Diversity: Is Antibody Selection Involved in Virus Evolution?. <b>2015</b> , 89, 7776-85	50
1411	Functional properties of LptA and LptD in <i>Anabaena</i> sp. PCC 7120. <b>2015</b> , 396, 1151-62	4

1410	Maximum-Likelihood Phylogenetic Inference with Selection on Protein Folding Stability. <i>Molecular Biology and Evolution</i> , <b>2015</b> , 32, 2195-207	8.3	29
1409	DisCons: a novel tool to quantify and classify evolutionary conservation of intrinsic protein disorder. <b>2015</b> , 16, 153		21
1408	Evolution. Systematic humanization of yeast genes reveals conserved functions and genetic modularity. <b>2015</b> , 348, 921-5		227
1407	A genetic mechanism for female-limited Batesian mimicry in Papilio butterfly. <b>2015</b> , 47, 405-9		158
1406	Genome of the Rusty Millipede, <i>Trigoniulus corallinus</i> , Illuminates Diplopod, Myriapod, and Arthropod Evolution. <b>2015</b> , 7, 1280-95		16
1405	Unraveling the evolutionary history of the <i>Chilostoma</i> Fitzinger, 1833 (Mollusca, Gastropoda, Pulmonata) lineages in Greece. <b>2015</b> , 91, 210-25		6
1404	Negeviruses found in multiple species of mosquitoes from southern Portugal: Isolation, genetic diversity, and replication in insect cell culture. <b>2015</b> , 483, 318-28		28
1403	Two independently folding units of Plasmodium profilin suggest evolution via gene fusion. <b>2015</b> , 72, 4193-203		4
1402	Horizontal gene transfer in schistosomes: A critical assessment. <b>2015</b> , 201, 57-65		4
1401	Fungal metabolic gene clusters-caravans traveling across genomes and environments. <b>2015</b> , 6, 161		82
1400	Rooting the domain archaea by phylogenomic analysis supports the foundation of the new kingdom Proteoarchaeota. <b>2014</b> , 7, 191-204		92
1399	Phylogenomics of phrynosomatid lizards: conflicting signals from sequence capture versus restriction site associated DNA sequencing. <b>2015</b> , 7, 706-19		120
1398	Identification and Pathogenicity of <i>Lasiodiplodia</i> Species from <i>Eucalyptus urophylla</i> <i>grandis</i> , <i>Polyscias balfouriana</i> and <i>Bougainvillea spectabilis</i> in Southern China. <b>2015</b> , 163, 956-967		10
1397	Soup to Tree: The Phylogeny of Beetles Inferred by Mitochondrial Metagenomics of a Bornean Rainforest Sample. <i>Molecular Biology and Evolution</i> , <b>2015</b> , 32, 2302-16	8.3	123
1396	Evolutionary trajectories and diagnostic challenges of potentially zoonotic avian influenza viruses H5N1 and H9N2 co-circulating in Egypt. <b>2015</b> , 34, 278-91		35
1395	<i>Plasmodium falciparum</i> XPD translocates in 5' to 3' direction, is expressed throughout the blood stages, and interacts with p44. <b>2015</b> , 252, 1487-504		5
1394	<i>Pseudocercospora mapelanensis</i> sp. nov., associated with a fruit and leaf disease of <i>Barringtonia racemosa</i> in South Africa. <b>2015</b> , 44, 349-359		5
1393	Reconstructing the Phylogeny. <b>2015</b> , 293-319		1

1392	Novel odorant-binding proteins and their expression patterns in grasshopper, <i>Oedaleus asiaticus</i> . <b>2015</b> , 460, 274-80	20
1391	Lectotypification, epitypification, and molecular phylogeny of the synnematosous hyphomycete <i>Pseudogliophragma indicum</i> , the second genus in the Wiesneriomycetaceae. <b>2015</b> , 56, 387-395	12
1390	Diversity and movement of indoor <i>Alternaria alternata</i> across the mainland USA. <b>2015</b> , 81, 62-72	24
1389	A new species of <i>Haliclona</i> (Demospongiae: Haplosclerida: Chalinidae) from southeastern Brazil and the first record of <i>Haliclona vansoesti</i> from the Brazilian coast. <b>2015</b> , 3925, 536-50	9
1388	Only a small subset of the SPRY domain gene family in <i>Globodera pallida</i> is likely to encode effectors, two of which suppress host defences induced by the potato resistance gene <i>Gpa2</i> . <b>2015</b> , 17, 409-424	22
1387	RNAi screening identifies the armadillo repeat-containing kinesins responsible for microtubule-dependent nuclear positioning in <i>Physcomitrella patens</i> . <b>2015</b> , 56, 737-49	29
1386	New circumscription of freshwater fish parasites <i>Monobothrium diesing</i> , 1863 and <i>Promonobothrium mackiewicz</i> , 1968 (Cestoda: Caryophyllidea) using morphological and molecular evidence. <b>2015</b> , 101, 29-36	14
1385	The study of <i>Priapulus caudatus</i> reveals conserved molecular patterning underlying different gut morphogenesis in the Ecdysozoa. <b>2015</b> , 13, 29	32
1384	Sequencing and phylogenetic analysis of the gp51 gene from Korean bovine leukemia virus isolates. <b>2015</b> , 12, 64	22
1383	Large-scale analysis of the evolutionary histories of phosphorylation motifs in the human genome. <b>2015</b> , 4, 21	5
1382	Infection prevalence of <i>Sodalis</i> symbionts among stinkbugs. <b>2015</b> , 1, 5	25
1381	Highly divergent 18S rRNA gene paralogs in a <i>Cryptosporidium</i> genotype from eastern chipmunks ( <i>Tamias striatus</i> ). <b>2015</b> , 32, 113-23	19
1380	Evolution and Functional Morphology of the Proboscis in Kalyptorhynchia (Platyhelminthes). <b>2015</b> , 55, 205-16	10
1379	Long-distance dispersal and speciation of Australasian and American species of <i>Cortinarius</i> sect. <i>Cortinarius</i> . <b>2015</b> , 107, 697-709	15
1378	Inferring phylogenies of evolving sequences without multiple sequence alignment. <b>2014</b> , 4, 6504	43
1377	Cytology and molecular phylogenetics of <i>Monoblepharidomycetes</i> provide evidence for multiple independent origins of the hyphal habit in the Fungi. <b>2015</b> , 107, 710-28	32
1376	Archaeal Clusters of Orthologous Genes (arCOGs): An Update and Application for Analysis of Shared Features between Thermococcales, Methanococcales, and Methanobacteriales. <b>2015</b> , 5, 818-40	125
1375	Identification and expression analysis of a novel phytocystatin in developing and germinating seeds of triticale ( <i>Triticosecale</i> Wittm.). <b>2015</b> , 84, 139-142	2

1374	Molecular Data Confirm Morphological Variability in the Widespread Foliose Lichen <i>Canoparmelia carolinana</i> (Parmeliaceae). <b>2015</b> , 80, 29-36	4
1373	Molecular homology and multiple-sequence alignment: an analysis of concepts and practice. <b>2015</b> , 28, 46	24
1372	Analysis of the key enzymes of butyric and acetic acid fermentation in biogas reactors. <b>2015</b> , 8, 865-73	7
1371	The Distant Siblings-A Phylogenomic Roadmap Illuminates the Origins of Extant Diversity in Fungal Aromatic Polyketide Biosynthesis. <b>2015</b> , 7, 3132-54	21
1370	Tobamoviruses have probably co-diverged with their eudicotyledonous hosts for at least 110 million years. <b>2015</b> , 1, vev019	24
1369	Toward accurate molecular identification of species in complex environmental samples: testing the performance of sequence filtering and clustering methods. <b>2015</b> , 5, 2252-66	104
1368	Evolutionary and Phylogenetic Analysis of the Hepaciviruses and Pegiviruses. <b>2015</b> , 7, 2996-3008	48
1367	Genomic legacy of the African cheetah, <i>Acinonyx jubatus</i> . <b>2015</b> , 16, 277	99
1366	Molecular annotation of type specimens of <i>Russula</i> species described by W.A. Murrill from the southeast United States. <b>2015</b> , 129, 255-268	11
1365	Regional differentiation and extensive hybridization between mitochondrial clades of the Southern Ocean giant sea spider <i>Colossendeis megalonyx</i> . <b>2015</b> , 2, 140424	24
1364	Relationships within Cladobronchia (Gastropoda: Nudibranchia) based on RNA-Seq data: an initial investigation. <b>2015</b> , 2, 150196	36
1363	Phylotranscriptomic analyses in plants using Betulaceae as an example. <b>2015</b> , 53, 403-410	4
1362	OD-seq: outlier detection in multiple sequence alignments. <b>2015</b> , 16, 269	26
1361	Avian influenza virus exhibits distinct evolutionary dynamics in wild birds and poultry. <b>2015</b> , 15, 120	17
1360	The <i>C. elegans</i> Crumbs family contains a CRB3 homolog and is not essential for viability. <b>2015</b> , 4, 276-84	14
1359	Time dependence of evolutionary metrics during the 2009 pandemic influenza virus outbreak. <b>2015</b> , 1,	20
1358	The evolution, diversity, and host associations of rhabdoviruses. <b>2015</b> , 1, vev014	48
1357	Genome sequence of <i>Clostridium sporogenes</i> DSM 795(T), an amino acid-degrading, nontoxic surrogate of neurotoxin-producing <i>Clostridium botulinum</i> . <b>2015</b> , 10, 40	11

1356	Structural and Functional Evidence for Testosterone Activation of GPRC6A in Peripheral Tissues. <b>2015</b> , 29, 1759-73	43
1355	<i>Arenogigas armoricus</i> , a New Genus and Species of a Monostiliferous Hoplonemertean (Nemertea) from the North-West Coast of France. <b>2015</b> , 32, 605-14	3
1354	A new fungal large subunit ribosomal RNA primer for high-throughput sequencing surveys. <b>2016</b> , 92,	19
1353	Alternative splicing and co-option of transposable elements: the case of TMPO/LAP2 and ZNF451 in mammals. <b>2015</b> , 31, 2257-61	26
1352	nextflu: real-time tracking of seasonal influenza virus evolution in humans. <b>2015</b> , 31, 3546-8	116
1351	Evolution of the Translocation and Assembly Module (TAM). <b>2015</b> , 7, 1628-43	41
1350	How Did Arthropod Sesquiterpenoids and Ecdysteroids Arise? Comparison of Hormonal Pathway Genes in Noninsect Arthropod Genomes. <b>2015</b> , 7, 1951-9	52
1349	A unique chromatin complex occupies young Bsatellite arrays of human centromeres. <b>2015</b> , 1,	70
1348	A Specialized Histone H1 Variant Is Required for Adaptive Responses to Complex Abiotic Stress and Related DNA Methylation in Arabidopsis. <b>2015</b> , 169, 2080-101	72
1347	A phylogenetically distinct Middle East respiratory syndrome coronavirus detected in a dromedary calf from a closed dairy herd in Dubai with rising seroprevalence with age. <b>2015</b> , 4, e74	17
1346	Repairing oxidized proteins in the bacterial envelope using respiratory chain electrons. <b>2015</b> , 528, 409-412	91
1345	Draft Genome Sequences of Seven <i>Pseudomonas fluorescens</i> Subclade III Strains Isolated from Cystic Fibrosis Patients. <b>2015</b> , 3,	4
1344	Characterization of NLR-A subfamily members in miiuy croaker and comparative genomics revealed NLRX1 underwent duplication and lose in actinopterygii. <b>2015</b> , 47, 397-406	34
1343	Evolution and development of the adelphophagic, intracapsular Schmidt's larva of the nemertean <i>Lineus ruber</i> . <b>2015</b> , 6, 28	27
1342	A molecular phylogeny of bark spiders reveals new species from Africa and Madagascar (Araneae: Araneidae: Caerostris). <b>2015</b> , 43, 293	5
1341	Canrightiopsis, a new Early Cretaceous fossil with Clavatipollenites-type pollen bridge the gap between extinct Canrightia and extant Chloranthaceae. <b>2015</b> , 54, 184-212	28
1340	Genome-Wide Architecture of Disease Resistance Genes in Lettuce. <b>2015</b> , 5, 2655-69	36
1339	Insights from the genome of <i>Ophiocordyceps polyrhachis-furcata</i> to pathogenicity and host specificity in insect fungi. <b>2015</b> , 16, 881	26

1338	Description of two new species of Indo-Pacific Thylacoplethus and a new record of Thompsonia japonica (Rhizocephala: Akentrogonida: Thompsoniidae) from hermit, porcelain, and mud crabs (Decapoda) based on morphological and molecular data. <b>2015</b> , 35, 202-215	4
1337	Three new species of Aeglidae (Aegla Leach, 1820) from Paraná State, Brazil. <b>2015</b> , 35, 839-849	12
1336	Phylogeny of yeasts and related filamentous fungi within Pucciniomycotina determined from multigene sequence analyses. <b>2015</b> , 81, 27-53	77
1335	Identity of Agaricus brevipes Bull. (Melanoleuca brevipes, Tricholomataceae, Basidiomycota). <b>2015</b> , 14, 1	6
1334	The systematic position and phylogenetic relationships of Asiobaccha Virolvitsh (Diptera, Syrphidae). <b>2015</b> , 18, 397-408	8
1333	Elucidating the phylodynamics of endemic rabies virus in eastern Africa using whole-genome sequencing. <b>2015</b> , 1, vev011	41
1332	New sequestrate fungi from Guyana: Jimtrappea guyanensis gen. sp. nov., Castellanea pakaraimophila gen. sp. nov., and Costatisporus cyanescens gen. sp. nov. (Boletaceae, Boletales). <b>2015</b> , 6, 297-317	24
1331	Multilocus species trees and species delimitation in a temporal context: application to the water shrews of the genus Neomys. <b>2015</b> , 15, 209	15
1330	Phylogeny and Species Diversity of Gulf of California Oysters (Ostreidae) Inferred from Mitochondrial DNA*. <b>2015</b> , 33, 263	19
1329	Inonotus griseus sp. nov. from eastern China. <b>2015</b> , 130, 661-669	2
1328	Type studies of two Tricholomopsis species described by Peck. <b>2015</b> , 14, 1	7
1327	Rectipilus afibulatus, a new cyphelloid mushroom (Agaricales) from Great Britain. <b>2015</b> , 70, 1	1
1326	Discovery of conventional prolactin from the holocephalan elephant fish, Callorhinchus milii. <b>2015</b> , 224, 216-27	14
1325	KIAA0556 is a novel ciliary basal body component mutated in Joubert syndrome. <b>2015</b> , 16, 293	32
1324	Genome-wide analysis of excretory/secretory proteins in Echinococcus multilocularis: insights into functional characteristics of the tapeworm secretome. <b>2015</b> , 8, 666	19
1323	Resolving the Phoma enigma. <b>2015</b> , 82, 137-217	185
1322	Dismantling the treasured flagship lichen Sticta fuliginosa (Peltigerales) into four species in Western Europe. <b>2015</b> , 14, 1	30
1321	Decrypting the Hebeloma crustuliniforme complex: European species of Hebeloma section Denudata subsection Denudata (Agaricales). <b>2015</b> , 35, 101-47	16



1320	Intrastrand triplex DNA repeats in bacteria: a source of genomic instability. <b>2015</b> , 43, 10126-42	15
1319	Multigene phylogeny and taxonomic revision of yeasts and related fungi in the Ustilaginomycotina. <b>2015</b> , 81, 55-83	134
1318	Inferring Indel Parameters using a Simulation-based Approach. <b>2015</b> , 7, 3226-38	4
1317	Morphology, morphogenesis, and molecular phylogeny of <i>Sterkiella tetracirrata</i> n. sp. (Ciliophora, Oxytrichidae), from the Silent Valley National Park, India. <b>2015</b> , 51, 86-97	24
1316	The serpin superfamily in channel catfish: identification, phylogenetic analysis and expression profiling in mucosal tissues after bacterial infections. <b>2015</b> , 49, 267-77	15
1315	Intraspecific polymorphism, interspecific divergence, and the origins of function-altering mutations in deer mouse hemoglobin. <i>Molecular Biology and Evolution</i> , <b>2015</b> , 32, 978-97	8.3 73
1314	Emerging and endemic types of Ostreid herpesvirus 1 were detected in bivalves in China. <b>2015</b> , 124, 98-106	43
1313	Interspecific competition affects evolutionary links between cavity nesting, migration and clutch size in Old World flycatchers (Muscicapidae). <b>2015</b> , 157, 299-311	6
1312	Genomic sequences of six botulinum neurotoxin-producing strains representing three clostridial species illustrate the mobility and diversity of botulinum neurotoxin genes. <b>2015</b> , 30, 102-113	47
1311	New Wolbachia supergroups detected in quill mites (Acari: Syringophilidae). <b>2015</b> , 30, 140-146	100
1310	Emergence of norovirus GI.2 outbreaks in military camps in Singapore. <b>2015</b> , 31, 23-30	5
1309	A second corticotropin-releasing hormone gene (CRH2) is conserved across vertebrate classes and expressed in the hindbrain of a basal neopterygian fish, the spotted gar ( <i>Lepisosteus oculatus</i> ). <b>2015</b> , 523, 1125-43	30
1308	Taxonomic study of a new eustigmatophycean alga, <i>Vacuoliviride crystalliferum</i> gen. et sp. nov. <b>2015</b> , 128, 249-57	16
1307	Uncovering intense protein diversification in a cone snail venom gland using an integrative venomics approach. <b>2015</b> , 14, 628-38	13
1306	Temporal patterns of orchid mycorrhizal fungi in meadows and forests as revealed by 454 pyrosequencing. <b>2015</b> , 205, 1608-1618	67
1305	Characterization of two strains of <i>Anaplasma marginale</i> isolated from cattle in Rio de Janeiro, Brazil, after propagation in tick cell culture. <b>2015</b> , 6, 141-5	12
1304	Diversity and potential impact of <i>Calonectria</i> species in Eucalyptus plantations in Brazil. <b>2015</b> , 80, 89-130	35
1303	Generic concepts in Nectriaceae. <b>2015</b> , 80, 189-245	224

1302	A novel rhabdovirus isolated from the straw-colored fruit bat <i>Eidolon helvum</i> , with signs of antibodies in swine and humans. <b>2015</b> , 89, 4588-97	20
1301	Mitochondrial phylogeny of an Asian tree frog genus <i>Theloderma</i> (Anura: Rhacophoridae). <b>2015</b> , 85, 59-67	10
1300	Tiger Swallowtail Genome Reveals Mechanisms for Speciation and Caterpillar Chemical Defense. <b>2015</b> , 10, 910-919	66
1299	Resolving phylogenetic relationships of the recently radiated carnivorous plant genus <i>Sarracenia</i> using target enrichment. <b>2015</b> , 85, 76-87	63
1298	Phylogenetic diversity of Brazilian <i>Metarhizium</i> associated with sugarcane agriculture. <b>2015</b> , 60, 495-505	56
1297	Functional characterization of NAT/NCS2 proteins of <i>Aspergillus brasiliensis</i> reveals a genuine xanthine-uric acid transporter and an intrinsically misfolded polypeptide. <b>2015</b> , 75, 56-63	13
1296	Phylogeny and evolution of phytophagous ladybird beetles (Coleoptera: Coccinellidae: Epilachnini), with recognition of new genera. <b>2015</b> , 40, 547-569	16
1295	Forgotten in the taxonomic literature: resurrection of the scleractinian coral genus <i>Sclerophyllia</i> (Scleractinia, Lobophylliidae) from the Arabian Peninsula and its phylogenetic relationships. <b>2015</b> , 13, 140-163	21
1294	New species, hyper-diversity and potential importance of <i>Calonectria</i> spp. from Eucalyptus in South China. <b>2015</b> , 80, 151-88	31
1293	Complex community of nitrite-dependent anaerobic methane oxidation bacteria in coastal sediments of the Mai Po wetland by PCR amplification of both 16S rRNA and <i>pmoA</i> genes. <b>2015</b> , 99, 1463-73	61
1292	The phylogenetic utility and functional constraint of microRNA flanking sequences. <b>2015</b> , 282, 20142983	15
1291	<i>Tubulosema pampeana</i> sp. n. (Microsporidia, Tubulosematidae), a pathogen of the South American bumble bee <i>Bombus atratus</i> . <b>2015</b> , 126, 31-42	10
1290	First genome analysis and molecular characterization of Chickpea chlorotic dwarf virus Egyptian isolate infecting squash. <b>2015</b> , 26, 33-41	10
1289	A review of <i>Theileria</i> diagnostics and epidemiology. <b>2015</b> , 4, 104-18	135
1288	First report of the planktonic copepod <i>Oithona davisae</i> in the northern Wadden Sea (North Sea): Evidence for recent invasion?. <b>2015</b> , 69, 243-248	19
1287	Moth tails divert bat attack: evolution of acoustic deflection. <b>2015</b> , 112, 2812-6	48
1286	Focus on the details: morphological evidence supports new cryptic land flatworm (Platyhelminthes) species revealed with molecules. <b>2015</b> , 15, 379-403	18
1285	Phylogenetics and molecular clocks reveal the repeated evolution of ant-plants after the late Miocene in Africa and the early Miocene in Australasia and the Neotropics. <b>2015</b> , 207, 411-424	56

1284	De novo characterisation of the greenlip abalone transcriptome ( <i>Haliotis laevigata</i> ) with a focus on the heat shock protein 70 (HSP70) family. <b>2015</b> , 17, 23-32		34
1283	When the lights go out: the evolutionary fate of free-living colorless green algae. <b>2015</b> , 206, 972-82		40
1282	A synthetic phylogeny of freshwater crayfish: insights for conservation. <b>2015</b> , 370, 20140009		30
1281	Dynamics of the endosymbiont <i>Rickettsia</i> in an insect pest. <b>2015</b> , 70, 287-97		18
1280	Emergence shapes the structure of the seed microbiota. <b>2015</b> , 81, 1257-66		180
1279	The <i>Diaporthe sojae</i> species complex: Phylogenetic re-assessment of pathogens associated with soybean, cucurbits and other field crops. <b>2015</b> , 119, 383-407		87
1278	AftrRAD: a pipeline for accurate and efficient de novo assembly of RADseq data. <b>2015</b> , 15, 1163-71		30
1277	Extending the conserved phylogenetic core of archaea disentangles the evolution of the third domain of life. <i>Molecular Biology and Evolution</i> , <b>2015</b> , 32, 1242-54	8.3	44
1276	Epistasis constrains mutational pathways of hemoglobin adaptation in high-altitude pikas. <i>Molecular Biology and Evolution</i> , <b>2015</b> , 32, 287-98	8.3	78
1275	Deciphering the genome repertoire of <i>Pseudomonas</i> sp. M1 toward $\alpha$ -myrcene biotransformation. <b>2014</b> , 7, 1-17		8
1274	Network of long-range concerted chemical shift displacements upon ligand binding to human angiogenin. <b>2015</b> , 24, 525-33		16
1273	Dynamic transcription of distinct classes of endogenous retroviral elements marks specific populations of early human embryonic cells. <b>2015</b> , 16, 135-41		177
1272	Nonrandom patterns of genetic admixture expose the complex historical hybrid origin of unisexual leaf beetle species in the genus <i>Calligrapha</i> . <b>2015</b> , 185, 113-34		12
1271	Phylogenetic analysis of cultivation-resistant terrestrial cyanobacteria with massive sheaths ( <i>Stigonema</i> spp. and <i>Petalonema alatum</i> , Nostocales, Cyanobacteria) using single-cell and filament sequencing of environmental samples. <b>2015</b> , 51, 288-97		28
1270	Microsporidia and <i>Cryptosporidium</i> in horses and donkeys in Algeria: detection of a novel <i>Cryptosporidium hominis</i> subtype family (Ik) in a horse. <b>2015</b> , 208, 135-42		58
1269	How and why overcome the impediments to resolution: lessons from rhinolophid and hipposiderid bats. <i>Molecular Biology and Evolution</i> , <b>2015</b> , 32, 313-33	8.3	59
1268	Novel taxa in the <i>Fusarium fujikuroi</i> species complex from <i>Pinus</i> spp. <b>2015</b> , 80, 131-50		49
1267	Comparative genomic analysis of aspartic proteases in eight parasitic platyhelminths: insights into functions and evolution. <b>2015</b> , 559, 52-61		3

1266	Soil moisture--a regulator of arbuscular mycorrhizal fungal community assembly and symbiotic phosphorus uptake. <b>2015</b> , 25, 67-75		71
1265	Phylogenetic relationships and taxonomic ranking of pipizine flower flies (Diptera: Syrphidae) with implications for the evolution of aphidophagy. <b>2015</b> , 31, 491-508		35
1264	Plasmodium falciparum field isolates from areas of repeated emergence of drug resistant malaria show no evidence of hypermutator phenotype. <b>2015</b> , 30, 318-322		18
1263	Thermophilic fungi as new sources for production of cellulases and xylanases with potential use in sugarcane bagasse saccharification. <b>2015</b> , 118, 928-39		76
1262	Molecular phylogeny of the deep-sea penaeid shrimp genus Parapenaeus (Crustacea: Decapoda: Dendrobranchiata). <b>2015</b> , 44, 312-323		11
1261	Implications of High Molecular Divergence of Nuclear rRNA and Phylogenetic Structure for the Dinoflagellate Prorocentrum (Dinophyceae, Prorocentrales). <b>2015</b> , 62, 519-31		4
1260	Entoloma species from New South Wales and northeastern Queensland, Australia. <b>2015</b> , 129, 329-359		2
1259	The eukaryotic ancestor had a complex ubiquitin signaling system of archaeal origin. <i>Molecular Biology and Evolution</i> , <b>2015</b> , 32, 726-39	8.3	33
1258	Neuropeptide discovery in the Araneae (Arthropoda, Chelicerata, Arachnida): elucidation of true spider peptidomes using that of the Western black widow as a reference. <b>2015</b> , 213, 90-109		28
1257	Marine fungal communities in water and surface sediment of a sea cucumber farming system: habitat-differentiated distribution and nutrients driving succession. <b>2015</b> , 14, 87-98		18
1256	Discovery of novel genes derived from transposable elements using integrative genomic analysis. <i>Molecular Biology and Evolution</i> , <b>2015</b> , 32, 1487-506	8.3	38
1255	Hydnum species producing whitish basidiomata in Japan. <b>2015</b> , 56, 434-442		7
1254	Molecular basis of chromatic adaptation in pennate diatom <i>Phaeodactylum tricornutum</i> . <b>2015</b> , 1847, 534-43		42
1253	Nectar sugars and bird visitation define a floral niche for basidiomycetous yeast on the Canary Islands. <b>2015</b> , 15, 2		44
1252	A variant of Rubus yellow net virus with altered genomic organization. <b>2015</b> , 50, 104-10		8
1251	The genome and transcriptome of the zoonotic hookworm <i>Ancylostoma ceylanicum</i> identify infection-specific gene families. <b>2015</b> , 47, 416-22		68
1250	A phylogeny of Sericini with particular reference to Chinese species using mitochondrial and ribosomal DNA (Coleoptera: Scarabaeidae). <b>2015</b> , 15, 343-350		11
1249	Phylogeny of Pedaliaceae and Martyniaceae and the Placement of <i>Trapella</i> in Plantaginaceae s. l. <b>2015</b> , 40, 259-268		8

1248	Is Sequence Alignment an Art or a Science?. <b>2015</b> , 40, 14-26	17
1247	NIK1-mediated translation suppression functions as a plant antiviral immunity mechanism. <b>2015</b> , 520, 679-82	132
1246	Phylogenetic analyses of eurotiomycetous endophytes reveal their close affinities to Chaetothyriales, Eurotiales, and a new order - Phaeomoniellales. <b>2015</b> , 85, 117-30	55
1245	Transfection of <i>Sclerotinia sclerotiorum</i> with in vitro transcripts of a naturally occurring interspecific recombinant of <i>Sclerotinia sclerotiorum</i> hypovirus 2 significantly reduces virulence of the fungus. <b>2015</b> , 89, 5060-71	43
1244	Polydnavirus gene provides accurate identification of species in the genus <i>Hyposoter</i> (Hymenoptera: Ichneumonidae). <b>2015</b> , 8, 348-358	
1243	Coordinated rates of evolution between interacting plastid and nuclear genes in Geraniaceae. <b>2015</b> , 27, 563-73	42
1242	<i>Escovopsis trichodermoides</i> sp. nov., isolated from a nest of the lower attine ant <i>Mycocepurus goeldii</i> . <b>2015</b> , 107, 731-40	18
1241	PolyMarker: A fast polyploid primer design pipeline. <b>2015</b> , 31, 2038-9	117
1240	Isolation of cellulolytic bacteria from the intestine of <i>Diatraea saccharalis</i> larvae and evaluation of their capacity to degrade sugarcane biomass. <b>2015</b> , 5, 15	70
1239	Genomic and phenotypic differentiation among <i>Methanosarcina mazei</i> populations from Columbia River sediment. <b>2015</b> , 9, 2191-205	26
1238	Metagenomic assessment of the potential microbial nitrogen pathways in the rhizosphere of a mediterranean forest after a wildfire. <b>2015</b> , 69, 895-904	45
1237	Towards a universal barcode of oomycetes--a comparison of the <i>cox1</i> and <i>cox2</i> loci. <b>2015</b> , 15, 1275-88	97
1236	Genetic characterization of <i>Moniezia</i> species in Senegal and Ethiopia. <b>2015</b> , 64, 256-60	21
1235	Inference of domestication history and differentiation between early- and late-flowering varieties in pearl millet. <b>2015</b> , 24, 1387-402	12
1234	Next-generation sequencing sheds light on the natural history of hepatitis C infection in patients who fail treatment. <b>2015</b> , 61, 88-97	32
1233	Disentangling the complex evolutionary history of the Western Palearctic blue tits ( <i>Cyanistes</i> spp.) - phylogenomic analyses suggest radiation by multiple colonization events and subsequent isolation. <b>2015</b> , 24, 2477-94	35
1232	Geometric Constraints Dominate the Antigenic Evolution of Influenza H3N2 Hemagglutinin. <b>2015</b> , 11, e1004940	34
1231	The Miocene genus <i>Mantellina</i> (Bivalvia: Limidae) discovered living on the deep reefs off Curaçao, with the description of a new species. <b>2015</b> , 81, 442-454	5

1230	Simian retrovirus 4 induces lethal acute thrombocytopenia in Japanese macaques. <b>2015</b> , 89, 3965-75	11
1229	Long-term surveillance of H7 influenza viruses in American wild aquatic birds: are the H7N3 influenza viruses in wild birds the precursors of highly pathogenic strains in domestic poultry?. <b>2015</b> , 4, e35	24
1228	Diatom acclimation to elevated CO <sub>2</sub> via cAMP signalling and coordinated gene expression. <b>2015</b> , 5, 761-765	57
1227	Morphological and Phylogenetic Characterization of New Gephyrocapsa Isolates Suggests Introgressive Hybridization in the Emiliania/Gephyrocapsa Complex (Haptophyta). <b>2015</b> , 166, 323-36	13
1226	Cyanate as an energy source for nitrifiers. <b>2015</b> , 524, 105-8	160
1225	Molecular characterization of Anaplasma marginale in ticks naturally feeding on buffaloes. <b>2015</b> , 35, 38-41	12
1224	16S rDNA analysis of archaea indicates dominance of Methanobacterium and high abundance of Methanomassiliicoccaceae in rumen of Nili-Ravi buffalo. <b>2015</b> , 35, 3-10	14
1223	Bioinformatical analysis of the sequences, structures and functions of fungal polyketide synthase product template domains. <b>2015</b> , 5, 10463	27
1222	Genetic control of lutein esterification in wheat (Triticum aestivum L.) grain. <b>2015</b> , 64, 109-115	20
1221	Molecular investigation of a full-length genome of a Q1-like IBV strain isolated in Italy in 2013. <b>2015</b> , 210, 77-80	17
1220	Kiwi genome provides insights into evolution of a nocturnal lifestyle. <b>2015</b> , 16, 147	52
1219	Oriented cell division shapes carnivorous pitcher leaves of Sarracenia purpurea. <b>2015</b> , 6, 6450	40
1218	Microplitis demolitor Bracovirus Proviral Loci and Clustered Replication Genes Exhibit Distinct DNA Amplification Patterns during Replication. <b>2015</b> , 89, 9511-23	24
1217	Grapevine leafroll disease and associated viruses: a unique pathosystem. <b>2015</b> , 53, 613-34	62
1216	Cornuvesica: A little known mycophilic genus with a unique biology and unexpected new species. <b>2015</b> , 119, 615-30	17
1215	Effects of plankton net characteristics on metagenetic community analysis of metazoan zooplankton in a coastal marine ecosystem. <b>2015</b> , 469, 36-43	20
1214	Revisiting the age, evolutionary history and species level diversity of the genus Hydra (Cnidaria: Hydrozoa). <b>2015</b> , 91, 41-55	34
1213	Articulating "Archiannelids": Phylogenomics and Annelid Relationships, with Emphasis on Meiofaunal Taxa. <i>Molecular Biology and Evolution</i> , <b>2015</b> , 32, 2860-75	8.3 107

1212	Islands within islands: Diversification of tailless whip spiders ( <i>Amblypygi</i> , <i>Phrynus</i> ) in Caribbean caves. <b>2015</b> , 93, 107-17	39
1211	Spatial Organization in Protein Kinase A Signaling Emerged at the Base of Animal Evolution. <b>2015</b> , 14, 2976-87	13
1210	Reversibility and two state behaviour in the thermal unfolding of oligomeric TIM barrel proteins. <b>2015</b> , 17, 20699-714	16
1209	Infection of <i>Ixodes</i> spp. tick cells with different <i>Anaplasma phagocytophilum</i> isolates induces the inhibition of apoptotic cell death. <b>2015</b> , 6, 758-67	25
1208	Identification of the first neuropeptides from the enigmatic hexapod order Protura. <b>2015</b> , 224, 18-37	17
1207	Phylogenetic relationships of subfamilies in the family Hesperidae (Lepidoptera: Hesperioidea) from China. <b>2015</b> , 5, 11140	11
1206	Np9, a cellular protein of retroviral ancestry restricted to human, chimpanzee and gorilla, binds and regulates ubiquitin ligase MDM2. <b>2015</b> , 14, 2619-33	12
1205	Identification and characterization of cichlid TAAR genes and comparison with other teleost TAAR repertoires. <b>2015</b> , 16, 335	13
1204	Diversity of black <i>Aspergilli</i> isolated from raisins in Argentina: Polyphasic approach to species identification and development of SCAR markers for <i>Aspergillus ibericus</i> . <b>2015</b> , 210, 92-101	10
1203	Genome-wide identification and evolution of HECT genes in soybean. <b>2015</b> , 16, 8517-35	10
1202	Phylogenetic utility of ribosomal genes for reconstructing the phylogeny of five Chinese satyrid tribes (Lepidoptera, Nymphalidae). <b>2015</b> , 105-20	7
1201	Description of a new species of <i>Wormaldia</i> from Sardinia and a new <i>Drusus</i> species from the Western Balkans (Trichoptera, Philopotamidae, Limnephilidae). <b>2015</b> , 85-103	17
1200	Turning <i>Escherichia coli</i> into a Frataxin-Dependent Organism. <b>2015</b> , 11, e1005134	18
1199	Biochemical characterization of allene oxide synthases from the liverwort <i>Marchantia polymorpha</i> and green microalgae <i>Klebsormidium flaccidum</i> provides insight into the evolutionary divergence of the plant CYP74 family. <b>2015</b> , 242, 1175-86	38
1198	Gene fusion, fission, lateral transfer, and loss: Not-so-rare events in the evolution of eukaryotic ATP citrate lyase. <b>2015</b> , 91, 12-6	12
1197	Parasitic Plants <i>Striga</i> and <i>Phelipanche</i> Dependent upon Exogenous Strigolactones for Germination Have Retained Genes for Strigolactone Biosynthesis. <b>2015</b> , 06, 1151-1166	9
1196	The composition of the global and feature specific cyanobacterial core-genomes. <b>2015</b> , 6, 219	25
1195	Miniaturized mitogenome of the parasitic plant <i>Viscum scurruloideum</i> is extremely divergent and dynamic and has lost all nad genes. <b>2015</b> , 112, E3515-24	130

1194	The <i>Bostrychia tenella</i> species complex: morphospecies and genetic cryptic species with resurrection of <i>B. binderi</i> . <b>2015</b> , 54, 261-270	10
1193	Species tree estimation of diploid <i>Helianthus</i> (Asteraceae) using target enrichment. <b>2015</b> , 102, 910-20	51
1192	<i>Huntiella decorticans</i> sp. nov. (Ceratomyxetidae) associated with dying <i>Nothofagus</i> in Patagonia. <b>2015</b> , 107, 512-21	4
1191	The distal upstream promoter in <i>Ly49</i> genes, <i>Pro1</i> , is active in mature NK cells and T cells, does not require TATA boxes, and displays enhancer activity. <b>2015</b> , 194, 6068-81	5
1190	Molecular phylogeny of the Bothriocephalidea (Cestoda): molecular data challenge morphological classification. <b>2015</b> , 45, 761-71	30
1189	Shape determines fire tolerance of seeds in temperate grasslands that are not prone to fire. <b>2015</b> , 17, 397-404	16
1188	Absence of catalytic domain in a putative protein kinase C (PkcA) suppresses tip dominance in <i>Dictyostelium discoideum</i> . <b>2015</b> , 405, 10-20	5
1187	The <i>Ordospora colligata</i> genome: Evolution of extreme reduction in microsporidia and host-to-parasite horizontal gene transfer. <b>2015</b> , 6,	27
1186	A Cyclic GMP-Dependent K <sup>+</sup> Channel in the Blastocladiomycete Fungus <i>Blastocladiella emersonii</i> . <b>2015</b> , 14, 958-63	16
1185	The first multi-gene phylogeny of the Macrostomorpha sheds light on the evolution of sexual and asexual reproduction in basal Platyhelminthes. <b>2015</b> , 92, 82-107	31
1184	Conserved regulatory mechanism controls the development of cells with rooting functions in land plants. <b>2015</b> , 112, E3959-68	56
1183	Identification of common horsetail ( <i>Equisetum arvense</i> L.; Equisetaceae) using Thin Layer Chromatography versus DNA barcoding. <b>2015</b> , 5, 11942	21
1182	Predictive and comparative analysis of Ebolavirus proteins. <b>2015</b> , 14, 2785-97	10
1181	A TRP conductance modulates repolarization after sensory-dependent depolarization in <i>Chlamydomonas reinhardtii</i> . <b>2015</b> , 10, e1052924	5
1180	Complete mitochondrial genomes and nuclear ribosomal RNA operons of two species of <i>Diplostomum</i> (Platyhelminthes: Trematoda): a molecular resource for taxonomy and molecular epidemiology of important fish pathogens. <b>2015</b> , 8, 336	43
1179	Review of the firefly visual system (Coleoptera: Lampyridae) and evolution of the opsin genes underlying color vision. <b>2015</b> , 15, 513-526	20
1178	Structural characterization and evolutionary analysis of fish-specific TLR27. <b>2015</b> , 45, 940-5	33
1177	Evolutionary hierarchy of vertebrate-like heterotrimeric G protein families. <b>2015</b> , 91, 27-40	23



1176	Origin and evolution of lysyl oxidases. <b>2015</b> , 5, 10568		62
1175	Alien fungal species on asymptomatic live woody plant material imported into Canada. <b>2015</b> , 37, 67-81		11
1174	Discovery of a sexual stage in <i>Trichophyton onychocola</i> , a presumed geophilic dermatophyte isolated from toenails of patients with a history of <i>T. rubrum</i> onychomycosis. <b>2015</b> , 53, 798-809		22
1173	Assessment of endophytic yeast diversity in rice leaves by a culture-independent approach. <b>2015</b> , 108, 633-47		16
1172	Phylogeography of <i>Haplocarpha rueppelii</i> (Asteraceae) suggests a potential geographic barrier for plant dispersal and gene flow in East Africa. <b>2015</b> , 60, 1184-1192		8
1171	The complete mitochondrial genome of <i>Papilio glaucus</i> and its phylogenetic implications. <b>2015</b> , 5, 68-83		17
1170	Characterization and structure prediction of partial length protein sequences of <i>pcoA</i> , <i>pcoR</i> and <i>chrB</i> genes from heavy metal resistant bacteria from the Klip River, South Africa. <b>2015</b> , 16, 7352-74		27
1169	Widespread recombination, reassortment, and transmission of unbalanced compound viral genotypes in natural arenavirus infections. <b>2015</b> , 11, e1004900		49
1168	HAMAP in 2015: updates to the protein family classification and annotation system. <b>2015</b> , 43, D1064-70		93
1167	RNA shotgun metagenomic sequencing of northern California (USA) mosquitoes uncovers viruses, bacteria, and fungi. <b>2015</b> , 6, 185		92
1166	PROTEIN TARGETING TO STARCH is required for localising GRANULE-BOUND STARCH SYNTHASE to starch granules and for normal amylose synthesis in <i>Arabidopsis</i> . <b>2015</b> , 13, e1002080		100
1165	Promotion of bone morphogenetic protein signaling by tetraspanins and glycosphingolipids. <b>2015</b> , 11, e1005221		15
1164	Antibody-specific model of amino acid substitution for immunological inferences from alignments of antibody sequences. <i>Molecular Biology and Evolution</i> , <b>2015</b> , 32, 806-19	8.3	18
1163	Evolution of Spermophagus seed beetles (Coleoptera, Bruchinae, Amblycerini) indicates both synchronous and delayed colonizations of host plants. <b>2015</b> , 89, 91-103		7
1162	Systematics of the <i>Cosmospora vilioscula</i> species complex. <b>2015</b> , 107, 532-57		8
1161	Detection of significant protein coevolution. <b>2015</b> , 31, 2166-73		17
1160	Constitutive arsenite oxidase expression detected in arsenic-hypertolerant <i>Pseudomonas xanthomarina</i> S11. <b>2015</b> , 166, 205-14		22
1159	Using comparative genomics to develop a molecular diagnostic for the identification of an emerging pest <i>Drosophila suzukii</i> . <b>2015</b> , 105, 364-72		8

1158	Ultradeep pyrosequencing of NS3 to predict response to triple therapy with protease inhibitors in previously treated chronic hepatitis C patients. <b>2015</b> , 53, 389-97	6
1157	The EMBL-EBI bioinformatics web and programmatic tools framework. <b>2015</b> , 43, W580-4	724
1156	The mitotic PP2A regulator ENSA/ARPP-19 is remarkably conserved across plants and most eukaryotes. <b>2015</b> , 458, 739-44	13
1155	Characterisation of a <i>Babesia orientalis</i> apical membrane antigen, and comparison of its orthologues among selected apicomplexans. <b>2015</b> , 6, 290-6	7
1154	Evolution of the complement system C3 gene in Antarctic teleosts. <b>2015</b> , 66, 299-309	9
1153	Arms race between leaf rollers and parasitoids: diversification of plant-manipulation behavior and its consequences. <b>2015</b> , 85, 253-268	8
1152	Molecular detection and characterization of Hepatozoon spp. in dogs from the central part of Turkey. <b>2015</b> , 6, 388-92	16
1151	How just a few makes a lot: Speciation via reticulation and apomixis on example of European brambles ( <i>Rubus</i> subgen. <i>Rubus</i> , Rosaceae). <b>2015</b> , 89, 13-27	51
1150	<i>Phyllodistomum kanae</i> sp. nov. (Trematoda: Gorgoderidae), a bladder fluke from the Ezo salamander <i>Hynobius retardatus</i> . <b>2015</b> , 64, 314-8	8
1149	Back to Tanganyika: a case of recent trans-species-flock dispersal in East African haplochromine cichlid fishes. <b>2015</b> , 2, 140498	9
1148	Redescription of <i>Micrura dellechiajei</i> (Hubrecht, 1879) (Nemertea, Pilidiophora, Lineidae), a rare Mediterranean species. <b>2015</b> , 95, 1091-1100	3
1147	Metatranscriptomes reveal functional variation in diatom communities from the Antarctic Peninsula. <b>2015</b> , 9, 2275-89	36
1146	An integrative taxonomic investigation of the diversity of digenean parasites infecting the intertidal snail <i>Austrolittorina unifasciata</i> Gray, 1826 (Gastropoda: Littorinidae) in Australia. <b>2015</b> , 114, 2381-97	14
1145	An ancestral bacterial division system is widespread in eukaryotic mitochondria. <b>2015</b> , 112, 10239-46	58
1144	Genetic diversity and molecular phylogeny of <i>Anaplasma marginale</i> studied longitudinally under natural transmission conditions in Rio de Janeiro, Brazil. <b>2015</b> , 6, 499-507	21
1143	Characterization of actinobacteria associated with three ant-plant mutualisms. <b>2015</b> , 69, 192-203	25
1142	An infection of <i>Gyrodactylus kobayashii</i> Hukuda, 1940 (Monogenea) associated with the mortality of goldfish ( <i>Carassius auratus</i> ) from central China. <b>2015</b> , 114, 737-45	21
1141	Molecular phylogeny and diagnosis of species of the family Protostrongylidae from caprine hosts in Uzbekistan. <b>2015</b> , 114, 1355-64	6

1140	The importance of arbuscular mycorrhiza for <i>Cyclamen purpurascens</i> subsp. <i>immaculatum</i> endemic in Slovakia. <b>2015</b> , 25, 599-609	5
1139	Genotypic diversity of <i>Citrus tristeza virus</i> within red grapefruit, in a field trial site in South Africa. <b>2015</b> , 142, 531-545	9
1138	Recovering accuracy methods for scalable consistency library. <b>2015</b> , 71, 1833-1845	1
1137	Comparative analysis of the complete genome sequences of Kenyan African swine fever virus isolates within p72 genotypes IX and X. <b>2015</b> , 50, 303-9	35
1136	<i>Rhizoglyphus melanum</i> , a new arbuscular mycorrhizal fungal species associated with submerged plants in freshwater lake Avsj�en in Norway. <b>2015</b> , 14, 1	22
1135	<i>Austroboletus olivaceoglutinosus</i> , a new mushroom species from Sikkim, India with a distinctive green, glutinous pileus. <b>2015</b> , 70, 1	11
1134	Genomic diversity of <i>Oenococcus oeni</i> populations from Castilla La Mancha and La Rioja Tempranillo red wines. <b>2015</b> , 49, 82-94	12
1133	Archaeology. The makers of the Protoaurignacian and implications for Neandertal extinction. <b>2015</b> , 348, 793-6	119
1132	YersiniaBase: a genomic resource and analysis platform for comparative analysis of <i>Yersinia</i> . <b>2015</b> , 16, 9	7
1131	aTRAM - automated target restricted assembly method: a fast method for assembling loci across divergent taxa from next-generation sequencing data. <b>2015</b> , 16, 98	44
1130	The evolutionary conservation of the A Disintegrin-like and Metalloproteinase domain with Thrombospondin-1 motif metzincins across vertebrate species and their expression in teleost zebrafish. <b>2015</b> , 15, 22	19
1129	Amino acid transporter expansions associated with the evolution of obligate endosymbiosis in sap-feeding insects (Hemiptera: Sternorrhyncha). <b>2015</b> , 15, 52	17
1128	The plant Polycomb repressive complex 1 (PRC1) existed in the ancestor of seed plants and has a complex duplication history. <b>2015</b> , 15, 44	23
1127	High pheromone diversity in the male cheek gland of the red-spotted newt <i>Notophthalmus viridescens</i> (Salamandridae). <b>2015</b> , 15, 54	10
1126	The genome of the basal agaricomycete <i>Xanthophyllomyces dendrorhous</i> provides insights into the organization of its acetyl-CoA derived pathways and the evolution of Agaricomycotina. <b>2015</b> , 16, 233	33
1125	Mitochondrial DNA and the Y chromosome suggest the settlement of Madagascar by Indonesian sea nomad populations. <b>2015</b> , 16, 191	48
1124	A RNA-seq approach to identify putative toxins from acrorhagi in aggressive and non-aggressive <i>Anthopleura elegantissima</i> polyps. <b>2015</b> , 16, 221	47
1123	Characterization of the transcriptome of fast and slow muscle myotomal fibres in the pacu ( <i>Piaractus mesopotamicus</i> ). <b>2015</b> , 16, 182	21

1122	Implication of coronin 7 in body weight regulation in humans, mice and flies. <b>2015</b> , 16, 13	8
1121	Molecular evolution and diversification of the Argonaute family of proteins in plants. <b>2015</b> , 15, 23	35
1120	A genome-wide analysis of MADS-box genes in peach [ <i>Prunus persica</i> (L.) Batsch]. <b>2015</b> , 15, 41	53
1119	Molecular epidemiological study of feline coronavirus strains in Japan using RT-PCR targeting nsp14 gene. <b>2015</b> , 11, 57	8
1118	Identification and characterization of diverse groups of endogenous retroviruses in felids. <b>2015</b> , 12, 26	5
1117	HIV-1 diversity in an antiretroviral treatment naïve cohort from Bushbuckridge, Mpumalanga Province, South Africa. <b>2015</b> , 12, 24	7
1116	Screening blood-fed mosquitoes for the diagnosis of filarioid helminths and avian malaria. <b>2015</b> , 8, 16	27
1115	The complete mitochondrial genome of the gullet worm <i>Gongylonema pulchrum</i> : gene content, arrangement, composition and phylogenetic implications. <b>2015</b> , 8, 100	14
1114	New record and enzyme activity of four species in <i>Penicillium</i> section <i>Citrina</i> from marine environments in Korea. <b>2015</b> , 53, 219-25	10
1113	Comparative analyses of lysophosphatidic acid receptor-mediated signaling. <b>2015</b> , 72, 2377-94	24
1112	Ultraviolet filters in stomatopod crustaceans: diversity, ecology and evolution. <b>2015</b> , 218, 2055-66	17
1111	No need to replace an "anomalous" primate (Primates) with an "anomalous" bear (Carnivora, Ursidae). <b>2015</b> , 141-54	3
1110	The integration of sequencing and bioinformatics in metagenomics. <b>2015</b> , 14, 357-383	10
1109	Tempo and mode of antibat ultrasound production and sonar jamming in the diverse hawkmoth radiation. <b>2015</b> , 112, 6407-12	37
1108	Domain atrophy creates rare cases of functional partial protein domains. <b>2015</b> , 16, 88	16
1107	Phylogeny of Nemertea with special interest in the placement of diversity from Far East Russia and northeast Asia. <b>2015</b> , 760, 105-119	25
1106	Inter- and intra-domain horizontal gene transfer, gain-loss asymmetry and positive selection mark the evolutionary history of the CBM14 family. <b>2015</b> , 282, 2014-28	10
1105	Systematics and biogeography of the <i>Hylarana</i> frog (Anura: Ranidae) radiation across tropical Australasia, Southeast Asia, and Africa. <b>2015</b> , 90, 176-92	28

1104	Hidden relationships and genetic diversity: Molecular phylogeny and phylogeography of the Levantine lizards of the genus <i>Phoenicolacerta</i> (Squamata: Lacertidae). <b>2015</b> , 91, 86-97	21
1103	Relationship between protein thermodynamic constraints and variation of evolutionary rates among sites. <b>2015</b> , 12, 025002	34
1102	Genetic diversity and evolutionary dynamics of Ebola virus in Sierra Leone. <b>2015</b> , 524, 93-6	121
1101	Successful heterologous expression of a novel chitinase identified by sequence analyses of the metagenome from a chitin-enriched soil sample. <b>2015</b> , 201, 60-8	13
1100	Biosynthetic products from a nearshore-derived gram-negative bacterium enable reassessment of the kailuin depsipeptides. <b>2015</b> , 78, 441-52	9
1099	Phenotypic plasticity raises questions for taxonomically important traits: a remarkable new Andean rainfrog ( <i>Pristimantis</i> ) with the ability to change skin texture. <b>2015</b> , 173, 913-928	27
1098	Multi-locus tree and species tree approaches toward resolving a complex clade of downy mildews ( <i>Straminipila</i> , Oomycota), including pathogens of beet and spinach. <b>2015</b> , 86, 24-34	41
1097	Evolutionary patterns in coiled-coils. <b>2015</b> , 7, 545-56	15
1096	Minimally destructive sampling of type specimens of <i>Pyropia</i> (Bangiales, Rhodophyta) recovers complete plastid and mitochondrial genomes. <b>2014</b> , 4, 5113	38
1095	<i>Bifidobacterium lemorum</i> sp. nov., from faeces of the ring-tailed lemur ( <i>Lemur catta</i> ). <b>2015</b> , 65, 1726-1734	21
1094	Homozygous MED25 mutation implicated in eye-intellectual disability syndrome. <b>2015</b> , 134, 577-87	11
1093	Phylogenetic diversity and endemism of Australian daisies (Asteraceae). <b>2015</b> , 42, 1114-1122	21
1092	Phylogenetic molecular species delimitations unravel potential new species in the pest genus <i>Spodoptera</i> Guenè, 1852 (Lepidoptera, Noctuidae). <b>2015</b> , 10, e0122407	55
1091	Genetic diversity and host alternation of the egg parasitoid <i>Ooencyrtus pityocampae</i> between the pine processionary moth and the caper bug. <b>2015</b> , 10, e0122788	9
1090	Endosymbiosis undone by stepwise elimination of the plastid in a parasitic dinoflagellate. <b>2015</b> , 112, 5767-72	60
1089	A spectacular new species of seadragon (Syngnathidae). <b>2015</b> , 2, 140458	11
1088	Polyphyly of Caddoidea, reinstatement of the family Acropsopilionidae in Dyspnoi, and a revised classification system of Palpatores (Arachnida, Opiliones). <b>2015</b> , 31, 277-290	23
1087	Comparison of nuclear, plastid, and mitochondrial phylogenies and the origin of wild octoploid strawberry species. <b>2015</b> , 102, 544-54	34

1086	Comparison of the Diversity of Basidiomycetes from Dead Wood of the Manchurian fir ( <i>Abies holophylla</i> ) as Evaluated by Fruiting Body Collection, Mycelial Isolation, and 454 Sequencing. <b>2015</b> , 70, 634-45	11
1085	Molecular and immunological characterization of three strains of <i>Anaplasma marginale</i> grown in cultured tick cells. <b>2015</b> , 6, 522-9	7
1084	The phylogenetic position of poroid Hymenochaetaceae (Hymenochaetales, Basidiomycota) from Patagonia, Argentina. <b>2015</b> , 107, 754-67	17
1083	Genetic and morphometric evidence for parallel evolution of the <i>Globigerinella calida</i> morphotype. <b>2015</b> , 114, 19-35	29
1082	Naturally Occurring Resistance-Associated Variants of Hepatitis C Virus Protease Inhibitors in Poor Responders to Pegylated Interferon-Ribavirin. <b>2015</b> , 53, 2195-202	18
1081	Microbial community transcriptional networks are conserved in three domains at ocean basin scales. <b>2015</b> , 112, 5443-8	129
1080	Complex archaea that bridge the gap between prokaryotes and eukaryotes. <b>2015</b> , 521, 173-179	726
1079	High genetic diversity in the harvestman <i>Geraecormobius sylvarum</i> (Arachnida, Opiliones, Gonyleptidae) from subtropical forests in north-eastern Argentina revealed by mitochondrial DNA sequences. <b>2015</b> , 53, 211-218	7
1078	Ancient proteins resolve the evolutionary history of Darwin's South American ungulates. <b>2015</b> , 522, 81-4	210
1077	<i>Streptococcus gallolyticus</i> subsp. <i>gallolyticus</i> from human and animal origins: genetic diversity, antimicrobial susceptibility, and characterization of a vancomycin-resistant calf isolate carrying a <i>vanA-Tn1546</i> -like element. <b>2015</b> , 59, 2006-15	14
1076	Side-by-side secretion of Late Palaeozoic diverged courtship pheromones in an aquatic salamander. <b>2015</b> , 282, 20142960	17
1075	HAlign: Fast multiple similar DNA/RNA sequence alignment based on the centre star strategy. <b>2015</b> , 31, 2475-81	116
1074	Evolutionary link between metazoan RHIM motif and prion-forming domain of fungal heterokaryon incompatibility factor HET-s/HET-s. <b>2014</b> , 4, 7436	36
1073	Gene Loss and Lineage-Specific Restriction-Modification Systems Associated with Niche Differentiation in the <i>Campylobacter jejuni</i> Sequence Type 403 Clonal Complex. <b>2015</b> , 81, 3641-7	18
1072	Integrative taxonomy of calcareous sponges (subclass Calcinea) from the Peruvian coast: morphology, molecules, and biogeography. <b>2015</b> , 173, 787-817	15
1071	Transgenic switchgrass ( <i>Panicum virgatum</i> L.) biomass is increased by overexpression of switchgrass sucrose synthase ( <i>PvSUS1</i> ). <b>2015</b> , 10, 552-63	36
1070	Hsp90, Hsp60 and sHsp families of heat shock protein genes in channel catfish and their expression after bacterial infections. <b>2015</b> , 44, 642-51	53
1069	Phylogeny, Biogeography, and Evolution of Edaphic Association in the European <i>Oreophytes Sempervivum</i> and <i>Jovibarba</i> (Crassulaceae). <b>2015</b> , 176, 44-71	14

1068	Single-cell genomics of a rare environmental alphaproteobacterium provides unique insights into Rickettsiaceae evolution. <b>2015</b> , 9, 2373-85		33
1067	Comparative analyses of fungal biota carried by the pine shoot beetle ( <i>Tomicus piniperda</i> L.) in northern and southern Finland. <b>2015</b> , 30, 497-506		5
1066	Dissecting Molecular Evolution in the Highly Diverse Plant Clade Caryophyllales Using Transcriptome Sequencing. <i>Molecular Biology and Evolution</i> , <b>2015</b> , 32, 2001-14	8.3	149
1065	Molecular phylogenetics and taxonomy in Psathyrellaceae (Agaricales) with focus on psathyrelloid species: introduction of three new genera and 18 new species. <b>2015</b> , 14, 1		22
1064	Changes in spawning time led to the speciation of the broadcast spawning corals <i>Acropora digitifera</i> and the cryptic species <i>Acropora</i> sp. 1 with similar gamete recognition systems. <b>2015</b> , 34, 1189-1198		22
1063	Skipper genome sheds light on unique phenotypic traits and phylogeny. <b>2015</b> , 16, 639		32
1062	Molecular architecture of the active mitochondrial protein gate. <b>2015</b> , 349, 1544-8		128
1061	Core Genome Multilocus Sequence Typing Scheme for High- Resolution Typing of <i>Enterococcus faecium</i> . <b>2015</b> , 53, 3788-97		173
1060	RNA-seq-Based Gene Annotation and Comparative Genomics of Four Fungal Grass Pathogens in the Genus <i>Zymoseptoria</i> Identify Novel Orphan Genes and Species-Specific Invasions of Transposable Elements. <b>2015</b> , 5, 1323-33		71
1059	Structural and evolutionary characteristics of fish-specific TLR19. <b>2015</b> , 47, 271-9		12
1058	Characterisation of the TNF superfamily members CD40L and BAFF in the small-spotted catshark ( <i>Scyliorhinus canicula</i> ). <b>2015</b> , 47, 381-9		11
1057	Phylogenetic relationships among biological species of <i>Armillaria</i> from China. <b>2015</b> , 56, 530-541		12
1056	Shared Escovopsis parasites between leaf-cutting and non-leaf-cutting ants in the higher attine fungus-growing ant symbiosis. <b>2015</b> , 2, 150257		18
1055	Whole transcriptomic analysis of the plant-beneficial rhizobacterium <i>Bacillus amyloliquefaciens</i> SQR9 during enhanced biofilm formation regulated by maize root exudates. <b>2015</b> , 16, 685		93
1054	Different Ancestries of R Tailocins in Rhizospheric <i>Pseudomonas</i> Isolates. <b>2015</b> , 7, 2810-28		39
1053	GPCRtm: An amino acid substitution matrix for the transmembrane region of class A G Protein-Coupled Receptors. <b>2015</b> , 16, 206		15
1052	POTION: an end-to-end pipeline for positive Darwinian selection detection in genome-scale data through phylogenetic comparison of protein-coding genes. <b>2015</b> , 16, 567		26
1051	A High Through-put Platform for Recombinant Antibodies to Folded Proteins. <b>2015</b> , 14, 2833-47		75

1050	Fulvifomes imbricatus and <i>F. thailandicus</i> (Hymenochaetales, Basidiomycota): two new species from Thailand based on morphological and molecular evidence. <b>2015</b> , 14, 1	13
1049	Activation and Allosteric Modulation of Human $\mu$ Opioid Receptor in Molecular Dynamics. <b>2015</b> , 55, 2421-34	29
1048	Cryptic diversity concealed in the Andean cloud forests: two new species of rainfrogs ( <i>Pristimantis</i> ) uncovered by molecular and bioacoustic data. <b>2015</b> , 1, 36-59	21
1047	Rapid evolution of chemosensory receptor genes in a pair of sibling species of orchid bees ( <i>Apidae</i> : <i>Euglossini</i> ). <b>2015</b> , 15, 176	27
1046	Construction of a virtual <i>Mycobacterium tuberculosis</i> consensus genome and its application to data from a next generation sequencer. <b>2015</b> , 16, 218	8
1045	Resolving basal lamiid phylogeny and the circumscription of <i>Icacinae</i> with a plastome-scale data set. <b>2015</b> , 102, 1794-813	65
1044	Neuropeptide discovery in <i>Symphylella vulgaris</i> (Myriapoda, Symphyla): In silico prediction of the first myriapod peptidome. <b>2015</b> , 223, 73-86	20
1043	Comparative genome analysis of <i>Mycoplasma pneumoniae</i> . <b>2015</b> , 16, 610	42
1042	Phylogenetic relationships and morphological reappraisal of <i>Melanommataceae</i> (Pleosporales). <b>2015</b> , 74, 267-324	31
1041	Molecular Phylogeny of the Lizard Clade <i>Leiosaurae</i> Endemic to Southern South America. <b>2015</b> , 71, 322	8
1040	Application of Subspace Clustering in DNA Sequence Analysis. <b>2015</b> , 22, 940-52	2
1039	Analysis of phylogenomic datasets reveals conflict, concordance, and gene duplications with examples from animals and plants. <b>2015</b> , 15, 150	182
1038	RNase T2 of <i>Mortierella</i> (phylum Zygomycota). <b>2015</b> , 56, 523-529	
1037	Two contemporaneous mitogenomes from terminal Pleistocene burials in eastern Beringia. <b>2015</b> , 112, 13833-8	47
1036	Complete mitochondrial genome reveals genetic diversity of <i>Angiostrongylus cantonensis</i> (Nematoda: Angiostrongylidae). <b>2015</b> , 152, 157-164	14
1035	Multi-copy venom genes hidden in de novo transcriptome assemblies, a cautionary tale with the snakelocks sea anemone <i>Anemonia sulcata</i> (Pennant, 1977). <b>2015</b> , 108, 184-8	28
1034	Foreign DNA capture during CRISPR-Cas adaptive immunity. <b>2015</b> , 527, 535-8	130
1033	The influence of ecological and geographical context in the radiation of Neotropical sigmodontine rodents. <b>2015</b> , 15, 172	37



1032	Discovery and Functional Characterization of Diverse Class 2 CRISPR-Cas Systems. <b>2015</b> , 60, 385-97	670
1031	Methane metabolism in the archaeal phylum Bathyarchaeota revealed by genome-centric metagenomics. <b>2015</b> , 350, 434-8	450
1030	Phylogeny of the Inuleae (Asteraceae) with special emphasis on the Inuleae-Plucheinae. <b>2015</b> , 64, 110-130	14
1029	Temperature niche conservatism and strong genetic structure are involved in the trans-Panamanian colonization of Matudaea (Hamamelidaceae) to Andean forests. <b>2015</b> , 63, 98-108	2
1028	HPMV: human protein mutation viewer - relating sequence mutations to protein sequence architecture and function changes. <b>2015</b> , 13, 1550028	2
1027	Protein SYCP2 is an ancient component of the metazoan synaptonemal complex. <b>2014</b> , 144, 299-305	6
1026	Comparative Evolution of Duplicated Ddx3 Genes in Teleosts: Insights from Japanese Flounder, <i>Paralichthys olivaceus</i> . <b>2015</b> , 5, 1765-73	4
1025	The pre-vertebrate origins of neurogenic placodes. <b>2015</b> , 524, 462-5	70
1024	Comparative genomic analysis of <i>Mycobacterium iranicum</i> UM_TJL against representative mycobacterial species suggests its environmental origin. <b>2014</b> , 4, 7169	8
1023	Molecular Polymorphism and Divergence of Duplicated Genes in Tetraploid African Clawed Frogs ( <i>Xenopus</i> ). <b>2015</b> , 145, 243-52	2
1022	Anaerobic biosynthesis of the lower ligand of vitamin B12. <b>2015</b> , 112, 10792-7	58
1021	sp. nov. (Boletales, Basidiomycota), a new boletoid fungus from northwestern Himalayas, India. <b>2015</b> , 6, 35-41	5
1020	A three-marker DNA barcoding approach for ecological studies of xerothermic plants and herbivorous insects from central Europe. <b>2015</b> , 177, 576-592	9
1019	NCBIminer: sequences harvest from Genbank. <b>2015</b> , 38, 426-430	5
1018	Non-random expression of ribosomal DNA units in a grasshopper showing high intragenomic variation for the ITS2 region. <b>2015</b> , 24, 319-30	2
1017	Molecular and morphological evidence for a new grass genus, <i>Dupontiopsis</i> (Poaceae tribe Poeae subtribe Poinae s.l.), endemic to alpine Japan, and implications for the reticulate origin of <i>Dupontia</i> and <i>Arctophila</i> within Poinae s.l.. <b>2015</b> , 53, 138-162	23
1016	The origin of unique diversity in deglaciated areas: traces of Pleistocene processes in north-European endemics from the <i>Galium pusillum</i> polyploid complex (Rubiaceae). <b>2015</b> , 24, 1311-34	9
1015	Inferring the demographic history of <i>Drosophila subobscura</i> from nucleotide variation at regions not affected by chromosomal inversions. <b>2015</b> , 24, 1729-41	6

1014	An integrative study of Thomson (Hymenoptera: Eulophidae) associated with invasive pests in Europe and North America: taxonomic and ecological implications. <b>2015</b> , 173, 352-423	28
1013	Construction and evaluation of novel rhesus monkey adenovirus vaccine vectors. <b>2015</b> , 89, 1512-22	35
1012	Conserved Gene Expression Programs in Developing Roots from Diverse Plants. <b>2015</b> , 27, 2119-32	48
1011	Evidence of Statistical Inconsistency of Phylogenetic Methods in the Presence of Multiple Sequence Alignment Uncertainty. <b>2015</b> , 7, 2102-16	10
1010	Relatedness is a poor predictor of negative plant-soil feedbacks. <b>2015</b> , 205, 1071-1075	34
1009	The diet and distribution of <i>Pentacoelum kazukolinda</i> (Kawakatsu & Mitchell, 1984), a maricolan planarian with a freshwater ecology. <b>2015</b> , 44, 72-91	13
1008	Early evolution of the angiosperm clade Asteraceae in the Cretaceous of Antarctica. <b>2015</b> , 112, 10989-94	89
1007	Backbone tree for Chaetothyriales with four new species of <i>Minimelanolocus</i> from aquatic habitats. <b>2015</b> , 119, 1046-1062	32
1006	A porcine circovirus-2 mutant isolated in Brazil contains low-frequency substitutions in regions of immunoprotective epitopes in the capsid protein. <b>2015</b> , 160, 2741-8	5
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1003	A Skull Might Lie: Modeling Ancestral Ranges and Diet from Genes and Shape of Tree Squirrels. <b>2015</b> , 64, 1074-88	11
1002	Early Evolution of Vertebrate Mybs: An Integrative Perspective Combining Synteny, Phylogenetic, and Gene Expression Analyses. <b>2015</b> , 7, 3009-21	12
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999	A distinct pathway for tetrahymanol synthesis in bacteria. <b>2015</b> , 112, 13478-83	51
998	Reevaluating <i>Emx</i> gene phylogeny: homopolymeric amino acid tracts as a potential factor obscuring orthology signals in cyclostome genes. <b>2015</b> , 15, 78	9
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995	Molecular phylogenetic analysis of <i>Arenaria</i> (Caryophyllaceae: tribe Arenarieae) and its allies inferred from nuclear DNA internal transcribed spacer and plastid DNA rps16 sequences. <b>2015</b> , 178, 648-669	23
994	Did Convergent Protein Evolution Enable Phytoplasmas to Generate 'Zombie Plants'?. <b>2015</b> , 20, 798-806	21
993	Localization and Evolution of Putative Triose Phosphate Translocators in the Diatom <i>Phaeodactylum tricornutum</i> . <b>2015</b> , 7, 2955-69	37
992	Bleaching of leaf litter and associated microfungi in subboreal and subalpine forests. <b>2015</b> , 61, 735-43	6
991	Complete chloroplast genome sequence of MD-2 pineapple and its comparative analysis among nine other plants from the subclass Commelinidae. <b>2015</b> , 15, 196	44
990	The Genome of Winter Moth ( <i>Operophtera brumata</i> ) Provides a Genomic Perspective on Sexual Dimorphism and Phenology. <b>2015</b> , 7, 2321-32	53
989	Genomic Analysis of Pure Cultures and Communities. <b>2015</b> , 5-27	8
988	Expression study of the hunchback ortholog in embryos of the onychophoran <i>Euperipatoides rowelli</i> . <b>2015</b> , 225, 207-19	7
987	A comprehensive phylogeny of birds (Aves) using targeted next-generation DNA sequencing. <b>2015</b> , 526, 569-73	967
986	PlantOrDB: a genome-wide ortholog database for land plants and green algae. <b>2015</b> , 15, 161	10
985	Morphology and phylogeny of four new <i>Lactarius</i> species from Himalayan India. <b>2015</b> , 130, 105-130	14
984	Comparative mitogenomic analysis of the superfamily Pentatomoidea (Insecta: Hemiptera: Heteroptera) and phylogenetic implications. <b>2015</b> , 16, 460	49
983	Does altitude shape molecular diversity and richness of bryophytes in Madeira's natural forest? A case study with four bryophyte species at two altitudinal levels. <b>2015</b> , 148, 171-180	3
982	A Survey of Multiple Sequence Alignment Techniques. <b>2015</b> , 529-538	5
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977	The incidence and pattern of copollinator diversification in dioecious and monoecious figs. <b>2015</b> , 69, 294-304	30
976	Multilevel Task Parallelism Exploitation on Asymmetric Sets of Tasks and When Using Third-Party Tools. <b>2015</b> ,	2
975	Viral variants that initiate and drive maturation of V1V2-directed HIV-1 broadly neutralizing antibodies. <b>2015</b> , 21, 1332-6	154
974	Phylogenetic relationships of the populations of <i>Iranolacerta brandtii</i> (de Filippi, 1863) (Squamata: Lacertidae) recently found in Eastern Anatolia, Turkey. <b>2015</b> , 61, 324-331	
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972	FUNGAL SYMBIONTS. Global assessment of arbuscular mycorrhizal fungus diversity reveals very low endemism. <b>2015</b> , 349, 970-3	454
971	Molecular phylogeny of stream treefrogs (Hylidae: <i>Hyloscirtus bogotensis</i> Group), with a new species from the Andes of Ecuador. <b>2015</b> , 1, 2-21	14
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969	Comparative Genomics Including the Early-Diverging Smut Fungus <i>Cercoospora bombacis</i> Reveals Signatures of Parallel Evolution within Plant and Animal Pathogens of Fungi and Oomycetes. <b>2015</b> , 7, 2781-98	14
968	A New Species of <i>Theocolax</i> Westwood (Hymenoptera: Pteromalidae: Cerocephalinae) Reared from <i>Pityophthorus juglandis</i> Blackman (Coleoptera: Curculionidae: Scolytinae). <b>2015</b> , 117, 162-178	2
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966	The massive mitochondrial genome of the angiosperm <i>Silene noctiflora</i> is evolving by gain or loss of entire chromosomes. <b>2015</b> , 112, 10185-91	68
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964	Open challenges in structure-based virtual screening: Receptor modeling, target flexibility consideration and active site water molecules description. <b>2015</b> , 583, 105-19	78
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962	Chemoreceptor Evolution in Hymenoptera and Its Implications for the Evolution of Eusociality. <b>2015</b> , 7, 2407-16	92
961	The Dynamic Evolutionary History of Pancrustacean Eyes and Opsins. <b>2015</b> , 55, 830-42	69

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955	Phylogenomics of Horned Lizards (Genus: <i>Phrynosoma</i> ) Using Targeted Sequence Capture Data. <b>2015</b> , 103, 586-594	14
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946	Genomic Analysis, Phenotype, and Virulence of the Historical Brazilian Smallpox Vaccine Strain IOC: Implications for the Origins and Evolutionary Relationships of <i>Vaccinia</i> Virus. <b>2015</b> , 89, 11909-25	23
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944	Computational approaches to study the effects of small genomic variations. <b>2015</b> , 21, 251	13
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941	Identification, Phylogeny, and Function of <i>fabp2</i> Paralogs in Two Non-Model Teleost Fish Species. <b>2015</b> , 17, 663-77	3
940	Mitochondrial gene order variation in the brachiopod <i>Lingula anatina</i> and its implications for mitochondrial evolution in lophotrochozoans. <b>2015</b> , 24 Pt 1, 31-40	16
939	HIV-1 group O infection in Cameroon from 2006 to 2013: Prevalence, genetic diversity, evolution and public health challenges. <b>2015</b> , 36, 210-216	19
938	Gene expression during zombie ant biting behavior reflects the complexity underlying fungal parasitic behavioral manipulation. <b>2015</b> , 16, 620	70
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934	Towards a natural classification of <i>Astrosphaeriella</i> -like species; introducing <i>Astrosphaeriellaceae</i> and <i>Pseudoastrosphaeriellaceae</i> fam. nov. and <i>Astrosphaeriellopsis</i> , gen. nov.. <b>2015</b> , 74, 143-197	48
933	Dynamic sensitivity and nonlinear interactions influence the system-level evolutionary patterns of phototransduction proteins. <b>2015</b> , 282, 20152215	3
932	The fungus <i>Trichophyton redellii</i> sp. Nov. Causes skin infections that resemble white-nose syndrome of hibernating bats. <b>2015</b> , 51, 36-47	30
931	Three new arbuscular mycorrhizal <i>Diversispora</i> species in Glomeromycota. <b>2015</b> , 14, 1	8
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929	The rise of <i>Ramularia</i> from the <i>Mycosphaerella</i> labyrinth. <b>2015</b> , 119, 823-43	28
928	Susceptibility of domestic animals to a pseudotype virus bearing RD-114 virus envelope protein. <b>2015</b> , 567, 189-95	1
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923	Five new <i>Talaromyces</i> species with ampulliform-like phialides and globose rough walled conidia resembling <i>T. verruculosus</i> . <b>2015</b> , 56, 486-502		22
922	Taxonomic revision of the <i>Taractrocera ilia</i> (Waterhouse) complex (Lepidoptera : Hesperiiidae) from north-western Australia and mainland New Guinea based on morphological and molecular data. <b>2015</b> , 29, 487		1
921	Splitting the Roman snail <i>Helix pomatia</i> Linnaeus, 1758 (Stylommatophora: Helicidae) into two: redescription of the forgotten <i>Helix thessalica</i> Boettger, 1886. <b>2015</b> , eyv048		5
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919	Detection of an inversion in the Ty-2 region between <i>S. lycopersicum</i> and <i>S. habrochaites</i> by a combination of de novo genome assembly and BAC cloning. <b>2015</b> , 128, 1987-97		9
918	Family resemblances: A common fold for some dimeric ion-coupled secondary transporters. <b>2015</b> , 146, 423-34		14
917	Mutational bias is the driving force for shaping the synonymous codon usage pattern of alternatively spliced genes in rice ( <i>Oryza sativa</i> L.). <b>2015</b> , 290, 649-60		18
916	Origin and diversification of a salamander sex pheromone system. <i>Molecular Biology and Evolution</i> , <b>2015</b> , 32, 472-80	8.3	31
915	Does early learning drive ecological divergence during speciation processes in parasitoid wasps?. <b>2015</b> , 282, 20141850		38
914	Three novel virophage genomes discovered from Yellowstone Lake metagenomes. <b>2015</b> , 89, 1278-85		50
913	Distribution, delimitation and description of species of <i>Archaphanostoma</i> (Acoela). <b>2015</b> , 44, 218-231		5
912	Immunoproteomic analysis reveals a convergent humoral response signature in the <i>Sporothrix schenckii</i> complex. <b>2015</b> , 115, 8-22		44
911	Interstitial telomere-like repeats in the monocot family Araceae. <b>2015</b> , 177, 15-26		17
910	Toward more accurate ancestral protein genotype-phenotype reconstructions with the use of species tree-aware gene trees. <i>Molecular Biology and Evolution</i> , <b>2015</b> , 32, 13-22	8.3	30
909	How evolution of genomes is reflected in exact DNA sequence match statistics. <i>Molecular Biology and Evolution</i> , <b>2015</b> , 32, 524-35	8.3	6
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907	Increased diversity in the genus <i>Debaryomyces</i> from Arctic glacier samples. <b>2015</b> , 107, 487-501		8

906	Characterization of the <i>Campylobacter jejuni</i> population in the barnacle geese reservoir. <b>2015</b> , 62, 209-21	17
905	Phylogenetic and transcriptomic analyses reveal the evolution of bioluminescence and light detection in marine deep-sea shrimps of the family Oplophoridae (Crustacea: Decapoda). <b>2015</b> , 83, 278-92	34
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903	Practical Protein Bioinformatics. <b>2015</b> ,	1
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901	A tribal level phylogeny of Lake Tanganyika cichlid fishes based on a genomic multi-marker approach. <b>2015</b> , 83, 56-71	72
900	Automated DNA-based plant identification for large-scale biodiversity assessment. <b>2015</b> , 15, 136-52	16
899	Identification of the MAT1 locus in <i>Stagonosporopsis tanacetii</i> , and exploring its potential for sexual reproduction in Australian pyrethrum fields. <b>2015</b> , 119, 408-19	17
898	Molecular taxonomy of <i>Dinemasporium</i> and its allied genera. <b>2015</b> , 56, 86-101	13
897	Oceanographic structure drives the assembly processes of microbial eukaryotic communities. <b>2015</b> , 9, 990-1002	74
896	Ecophysiology of <i>Thioploca ingrica</i> as revealed by the complete genome sequence supplemented with proteomic evidence. <b>2015</b> , 9, 1166-76	18
895	The distribution and diversity in metagenomic datasets reveal niche specialization. <b>2015</b> , 7, 194-203	10
894	Genomes and gene expression across light and productivity gradients in eastern subtropical Pacific microbial communities. <b>2015</b> , 9, 1076-92	67
893	RNA-Seq bulked segregant analysis enables the identification of high-resolution genetic markers for breeding in hexaploid wheat. <b>2015</b> , 13, 613-24	151
892	Genome-wide identification and evolutionary analysis of positively selected miRNA genes in domesticated rice. <b>2015</b> , 290, 593-602	9
891	A phylogenomic analysis of turtles. <b>2015</b> , 83, 250-7	189
890	The resistome of <i>Pseudomonas aeruginosa</i> in relationship to phenotypic susceptibility. <b>2015</b> , 59, 427-36	163
889	Origin of the response to adrenal and sex steroids: Roles of promiscuity and co-evolution of enzymes and steroid receptors. <b>2015</b> , 151, 12-24	58



888	Susceptibility of <i>Sporothrix brasiliensis</i> isolates to amphotericin B, azoles, and terbinafine. <b>2015</b> , 53, 178-88	66
887	Discovery, diversity and evolution of novel coronaviruses sampled from rodents in China. <b>2015</b> , 474, 19-27	84
886	In silico characterization of the neuropeptidome of the Western black widow spider <i>Latrodectus hesperus</i> . <b>2015</b> , 210, 63-80	42
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882	An evaluation of fossil tip-dating versus node-age calibrations in tetraodontiform fishes (Teleostei: Percomorphaceae). <b>2015</b> , 82 Pt A, 131-45	96
881	Watermelon origin solved with molecular phylogenetics including Linnaean material: another example of museomics. <b>2015</b> , 205, 526-32	112
880	Characterization and epidemiology of <i>Colletotrichum acutatum</i> sensu lato ( <i>C. chrysanthemi</i> ) causing <i>Carthamus tinctorius</i> anthracnose. <b>2015</b> , 64, 375-384	17
879	New insights into the symbiosis between <i>Zanclaea</i> (Cnidaria, Hydrozoa) and scleractinians. <b>2015</b> , 44, 92-105	26
878	Discovery of bacterial polyhydroxyalkanoate synthase (PhaC)-encoding genes from seasonal Baltic Sea ice and cold estuarine waters. <b>2015</b> , 19, 197-206	19
877	Role of Caribbean Islands in the diversification and biogeography of Neotropical Heraclides swallowtails. <b>2015</b> , 31, 291-314	22
876	U1 snDNA clusters in grasshoppers: chromosomal dynamics and genomic organization. <b>2015</b> , 114, 207-19	17
875	High Performance computing improvements on bioinformatics consistency-based multiple sequence alignment tools. <b>2015</b> , 42, 18-34	9
874	Improved Diagnoses and Quantification of <i>Fusarium virguliforme</i> , Causal Agent of Soybean Sudden Death Syndrome. <b>2015</b> , 105, 378-87	34
873	Systematics of Ariantinae (Gastropoda, Pulmonata, Helicidae), a new approach to an old problem. <b>2016</b> , 85, 37-65l	5
872	The cave beetle genus <i>Anthroherpon</i> is polyphyletic; molecular phylogenetics and description of <i>Graciliella</i> n. gen. (Leiodidae, Leptodirini). <b>2016</b> , 85, 337-359	7
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870	Prediction of Ebolavirus Genomes Encoded MicroRNA-Like Small RNAs Using Bioinformatics Approaches. <b>2016</b> ,	1
869	First Record of <i>Poecilobdella nanjingensis</i> (Hirudinida: Arhynchobdellida: Hirudinidae) from Taiwan and its Molecular Phylogenetic Position within the Family. <b>2016</b> , 21, 127-134	5
868	Cellular Automata-Based PSO Algorithm for Aligning Multiple Molecular Sequences. <b>2016</b> , 7, 1-15	1
867	Diversity of Wood-Inhabiting Polyporoid and Corticioid Fungi in Odaesan National Park, Korea. <b>2016</b> , 44, 217-236	24
866	Complete Chloroplast Genome Sequence of Corroborates Structural Heterogeneity of Inverted Repeats in Wild Progenitors of Cultivated Bananas and Plantains. <b>2016</b> , 9, plantgenome2015.09.0089	22
865	African Horse Sickness Caused by Genome Reassortment and Reversion to Virulence of Live, Attenuated Vaccine Viruses, South Africa, 2004-2014. <b>2016</b> , 22, 2087-2096	47
864	Diversity of Marine-Derived from Tidal Mudflats and Sea Sand in Korea. <b>2016</b> , 44, 237-247	17
863	Genomics and Proteomics of Virulent, Avirulent and Drug Resistant Strains of Tuberculous Mycobacteria. <b>2016</b> , 7,	
862	Characterization of the common bean host and <i>Pseudocercospora griseola</i> , the causative agent of angular leaf spot disease in Tanzania. <b>2016</b> , 10, 238-245	4
861	Five New Wood Decay Fungi (Polyporales and Hymenochaetales) in Korea. <b>2016</b> , 44, 146-154	2
860	<i>Pouzarella alissae</i> , a new species from northwestern California, United States. <b>2016</b> , 130, 1153-1164	3
859	Identification and pathogenicity of <i>Pseudomonas cichorii</i> associated with a bacterial blight of gerbera in the Federal District. <b>2016</b> , 34, 244-248	2
858	A real-time reverse transcriptase polymerase chain reaction for detection and quantification of Vesiculovirus. <b>2016</b> , 111, 385-90	3
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852	Chloroplast Genome Evolution in Actinidiaceae: clpP Loss, Heterogenous Divergence and Phylogenomic Practice. <b>2016</b> , 11, e0162324	31
851	Exploring fungal mega-diversity: from Brazil. <b>2016</b> , 37, 142-172	14
850	Seven New Recorded Species in Five Genera of the Strophariaceae in Korea. <b>2016</b> , 44, 137-145	4
849	Comparative Large-Scale Mitogenomics Evidences Clade-Specific Evolutionary Trends in Mitochondrial DNAs of Bivalvia. <b>2016</b> , 8, 2544-64	40
848	Rare horizontal transmission does not hide long-term inheritance of SINE highly conserved domains in the metazoan evolution. <b>2016</b> , 62, 667-674	7
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846	The Unicellular Ancestry of Groucho-Mediated Repression and the Origins of Metazoan Transcription Factors. <b>2016</b> , 8, 1859-67	3
845	Structure and Function of the TIR Domain from the Grape NLR Protein RPV1. <b>2016</b> , 7, 1850	32
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828	Relief of autoinhibition by conformational switch explains enzyme activation by a catalytically dead paralog. <b>2016</b> , 5,	16
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727	Genome-Wide Identification and Characterization of WRKY Gene Family in Peanut. <b>2016</b> , 7, 534	48

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724	Comparative Transcriptome and Chloroplast Genome Analyses of Two Related Species. <b>2016</b> , 7, 1512	32
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719	First Report of Dieback Caused by in Strawberry Plants in Korea. <b>2016</b> , 44, 319-324	5
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694	Escape from the cryptic species trap: lichen evolution on both sides of a cyanobacterial acquisition event. <b>2016</b> , 25, 3453-68	25
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692	Mitogenomics of Vetigastropoda: insights into the evolution of pallial symmetry. <b>2016</b> , 45, 145-159	35
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690	Exploring a Nonmodel Teleost Genome Through RAD Sequencing-Linkage Mapping in Common Pandora, <i>Pagellus erythrinus</i> and Comparative Genomic Analysis. <b>2015</b> , 6, 509-19	25
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687	Differences in soil micro-eukaryotic communities over soil pH gradients are strongly driven by parasites and saprotrophs. <b>2016</b> , 18, 2010-24	58
686	Targeted gene enrichment and high-throughput sequencing for environmental biomonitoring: a case study using freshwater macroinvertebrates. <b>2016</b> , 16, 1240-54	73
685	<i>Wolbachia</i> from <i>Drosophila incompta</i> : just a hitchhiker shared by <i>Drosophila</i> in the New and Old World?. <b>2016</b> , 25, 487-99	10
684	Crystal structures of OprN and OprJ, outer membrane factors of multidrug tripartite efflux pumps of <i>Pseudomonas aeruginosa</i> . <b>2016</b> , 84, 759-69	12
683	Overwintering seeds as reservoirs for seedling pathogens of wetland plant species. <b>2016</b> , 7, e01281	3
682	Global patterns of pelagic dinoflagellate diversity across protist size classes unveiled by metabarcoding. <b>2016</b> , 18, 609-26	68
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674	New species of <i>Elaphomyces</i> (Elaphomycetaceae, Eurotiales, Ascomycota) from tropical rainforests of Cameroon and Guyana. <b>2016</b> , 7, 59-73	20
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658	Phylogenetic Relationships among TnpB-Containing Mobile Elements in Six Bacterial Species. <b>2023</b> , 14, 523	0
657	The Potential Fungal Pathogens of <i>Euonymus japonicus</i> in Beijing, China. <b>2023</b> , 9, 271	0
656	Discovery of a novel merbecovirus DNA clone contaminating agricultural rice sequencing datasets from Wuhan, China.	0
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- 482 Body Metrics and the Gut Microbiome in Response to Macronutrient Limitation in the Zebrafish *Danio rerio*. **2023**, 7, 100065 ○
- 481 A hydrogenotrophic *Sulfurimonas* is globally abundant in deep-sea oxygen-saturated hydrothermal plumes. **2023**, 8, 651-665 ○
- 480 Genus-Wide Genomic Characterization of *Macrocooccus*: Insights into Evolution, Population Structure, and Functional Potential. ○
- 479 Fern cell walls and the evolution of arabinogalactan proteins in streptophytes. ○
- 478 *Hedyotis konhanungensis* (Rubiaceae): A new species from the central highlands of Vietnam. 221, 73-84 ○
- 477 *Deladenus bonabensis* n. sp. (Tylenchomorpha: Neotylenchidae) from East Azarbaijan province, northwestern Iran: A morphological and molecular phylogenetic study. **2023**, 55, ○
- 476 Evolutionary history of the transposon-invaded Pithoviridae genomes. ○
- 475 BE3 is the major branching enzyme isoform required for amylopectin synthesis in *Chlamydomonas reinhardtii*. ○

- 474 Inference and reconstruction of the heimdallarchaeial ancestry of eukaryotes. ○
- 473 Epidermal threads reveal the origin of hagfish slime. 12, ○
- 472 Recent evolutionary origin and localized diversity hotspots of mammalian coronaviruses. ○
- 471 Convergent trends and spatiotemporal patterns of arboviruses in Mexico and Central America. ○
- 470 Climate Cycles, Habitat Stability, and Lineage Diversification in an African Biodiversity Hotspot. **2023**, 15, 394 ○
- 469 De novo Assembly and Comparative Analyses of Mitochondrial Genomes in Piperales. **2023**, 15, ○
- 468 Long-B prokaryotic Argonaute systems employ various effectors to confer immunity via abortive infection. ○
- 467 Metagenomics reveals that dung beetles (Coleoptera: Scarabaeinae) broadly feed on reptile dung. Did they also feed on that of dinosaurs?. 11, ○
- 466 Extensive mitogenomic heteroplasmy and its implications in the phylogeny of the fish genus *Megalobrama*. **2023**, 13, ○
- 465 *Acinetobacter nematophilus* sp. nov., *Alcaligenes nematophilus* sp. nov., *Enterobacter nematophilus* sp. nov., and *Kaistia nematophila* sp. nov., Isolated from Soil-Borne Nematodes and Proposal for the Elevation of *Alcaligenes faecalis* subsp. *faecalis*, *Alcaligenes faecalis* subsp. *parafaecalis*, and *Alcaligenes faecalis* subsp. *phenolicus* to the Species Level. **2023**, 3, 148-168 ○
- 464 Phylogeny of Serpulidae (Annelida, Polychaeta) Inferred from Morphology and DNA Sequences, with a New Classification. **2023**, 15, 398 ○
- 463 Complete chloroplast genome sequence and phylogenetic analysis of *Rhododendron molle* G. Don, an endangered Ericaceae species located on Dabie Mountains (central China). ○
- 462 Genetic variability highlights the invasion route of the *Lutzomyia longipalpis* complex, the main vector of Visceral Leishmaniasis in Uruguay. ○
- 461 Comparative Genomics of Firmicutes reveals probable adaptations for xylose fermentation in *Thermoanaerobacterium saccharolyticum*. ○
- 460 Leveraging Base Pair Mammalian Constraint to Understand Genetic Variation and Human Disease. ○
- 459 The chromosome-scale genome assembly of *Jasminum sambac* var. *unifoliatum* provides insights into the formation of floral fragrance. **2023**, ○
- 458 Accurate prediction by AlphaFold2 for ligand binding in a reductive dehalogenase and implications for PFAS (per- and polyfluoroalkyl substance) biodegradation. **2023**, 13, ○
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- 456 Salactin, a dynamically unstable actin homolog in Haloarchaea. ○
- 455 Codon Usage Analyses Reveal the Evolutionary Patterns among Plastid Genes of Saxifragales at a Larger-Sampling Scale. **2023**, 14, 694 ○
- 454 A transcriptome-based phylogeny of Scarabaeoidea confirms the sister group relationship of dung beetles and phytophagous pleurostict scarabs (Coleoptera). ○
- 453 Raveneliopsis, a new genus of ravenelioid rust fungi on Cenostigma (Caesalpinioideae) from the Brazilian Cerrado and Caatinga. **2023**, 115, 263-276 ○
- 452 Spinach (*Spinacia oleracea*) as green manure modifies the soil nutrients and microbiota structure for enhanced pepper productivity. **2023**, 13, ○
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- 449 A chromosome-scale genome sequence of sudangrass (*Sorghum sudanense*) highlights the genome evolution and regulation of dhurrin biosynthesis. **2023**, 136, ○
- 448 The allopolyploid origin(s) and diversification of New Caledonian *Grevillea* (Proteaceae). 1-14 ○
- 447 Testing and using complete plastomes for authentication of medicinal *Polygonatum* species (*Asparagaceae*). **2023**, 197, 116557 ○
- 446 Widespread Distribution and Evolution of Poxviral Entry-Fusion Complex Proteins in Giant Viruses. **2023**, 11, ○
- 445 Distinctive origin and evolution of endemic thistle of Korean volcanic island: Structural organization and phylogenetic relationships with complete chloroplast genome. **2023**, 18, e0277471 ○
- 444 The phylogeny and evolutionary ecology of hoverflies (Diptera: Syrphidae) inferred from mitochondrial genomes. **2023**, 184, 107759 ○
- 443 Distinct *Wolbachia* localization patterns in oocytes of diverse host species reveal multiple strategies of maternal transmission. ○
- 442 New record of *Halymenia malaysiana* (Halymeniaceae, Rhodophyta) from Viet Nam, and its genetic diversity in the western Pacific. **2023**, 66, 113-123 ○
- 441 Simultaneous production of  $\beta$ -linolenic acid and carotenoids by a novel microalgal strain isolated from the underexplored habitat of intermittent streams. **2023**, 71, 103055 ○
- 440 Homoeologous non-reciprocal translocation explains a major QTL for seed lignin content in oilseed rape (*Brassica napus*L.). ○
- 439 DNA and Morphology Corroborate the Placement of the Former New World *Adoceta Bourgeoisii* in *Macrolygistopterus* Pic and Updates on the Status of North American *Calochrominae* (Coleoptera: Lycidae). **2023**, 77, ○

- 438 Exploring More on Dictyosporiaceae: The Species Geographical Distribution and Intriguing Novel Additions from Plant Litter. **2023**, 15, 410 ○
- 437 *Kengiochloa*, a new bamboo genus to accommodate the morphologically unique species, *Pseudosasa pubiflora* (Poaceae). 221, 131-145 ○
- 436 Comparative genomics analysis of endangered wild Egyptian *Moringa peregrina* (Forssk.) Fiori plastome, with implications for the evolution of Brassicales order. 14, ○
- 435 *Didymodon changbaiensis* (Pottiaceae, Musci), a new species from Changbai Mountain, China and its phylogenetic position based on molecular data. 221, 147-159 ○
- 434 Phylogenomics of novel ploetoid taxa contribute to the backbone of the euglenid tree. ○
- 433 Diversification of Polynucleotide Kinase Clp1 Family Proteins and Their Possible Origins in Eukaryotic Evolution. ○
- 432 *Kamptomena animale* (Microcoleaceae), terrestrial cyanobacterium colonizing geoglossoid fungi (Central Slovakia). ○
- 431 Phylogenetic relationships of the Geoplaninae land planarians (Platyhelminthes, Tricladida) assessed with a total evidence approach, with the description of a new species of *Gigantea*. **2023**, 107750 ○
- 430 Characterization of Virulent T4-Like *Acinetobacter baumannii* Bacteriophages DLP1 and DLP2. **2023**, 15, 739 ○
- 429 Transmission of SARS-CoV-2 Omicron Variant under a Dynamic Clearance Strategy in Shandong, China. **2023**, 11, ○
- 428 The *Arabidopsis thaliana* carboxylesterase AtCXE12 converts volatile (Z)-3-hexenyl acetate to (Z)-3-hexenol. ○
- 427 More than a prickly morphology: plastome variation in the prickly pear cacti (Opuntieae). ○
- 426 Asymmetric evolution of protein domains in the leucine-rich repeat receptor-like kinase (LRR-RLK) family of plant developmental coordinators. ○
- 425 Plastome-based backbone phylogeny of East Asian *Phedimus* (Subgenus *Aizoon*: Crassulaceae), with special emphasis on Korean endemics. 14, ○
- 424 The first complete mitochondrial genomes of three dobsonfly species (Megaloptera: Corydalidae) from Pakistan with phylogenetic implications. **2022**, 66, ○
- 423 The origin and evolution of emerged swine acute diarrhea syndrome coronavirus with zoonotic potential. **2023**, 95, ○
- 422 Multi-gene phylogeny and taxonomy of the genus *Bannoa* with the addition of three new species from central China. 14, ○
- 421 Structures of complete extracellular receptor assemblies mediated by IL-12 and IL-23. ○

- 420 Ubiquitous, B12-dependent viroplankton utilizing ribonucleotide triphosphate reductase demonstrate interseasonal dynamics and associate with a diverse range of bacterial hosts in the pelagic ocean. ○
- 419 Insight into phylogenomic bias of bla<sub>TEM</sub> or bla<sub>SHV</sub> dissemination amongst carbapenem-resistant *Pseudomonas aeruginosa*. **2023**, 61, 106788 ○
- 418 Two Antenna-Enriched Carboxylesterases Mediate Olfactory Responses and Degradation of Ester Volatiles in the German Cockroach *Blattella germanica*. **2023**, 71, 4789-4801 ○
- 417 *Geastrum suae* sp. nov. (Geastraceae, Basidiomycota) a new species from Yunnan Province, China. **2023**, 11, ○
- 416 Endophyte genomes support greater metabolic gene cluster diversity compared with non-endophytes in *Trichoderma*. ○
- 415 Whole-genome duplications and the long-term evolution of gene regulatory networks in angiosperms. ○
- 414 Ontogenetic modifications produce similar phenotypes in distantly related click beetles (Coleoptera: Elateridae). ○
- 413 A rapid genome-wide analysis of isolated giant viruses only using MinION sequencing. ○
- 412 Effects of supplementation of *Bacillus amyloliquefaciens* on performance, systemic immunity, and intestinal microbiota of weaned pigs experimentally infected with a pathogenic enterotoxigenic *E. coli* F18. **2023**, 14, ○
- 411 Development of a Multiplex qPCR Assay for Fast Detection and Differentiation of Paracoccidioidomycosis Agents. **2023**, 9, 358 ○
- 410 *Calonectria* species diversity on eucalypts in Indonesia. 1-9 ○
- 409 Conservation and Expansion of Transcriptional Factor Repertoire in the *Fusarium oxysporum* Species Complex. **2023**, 9, 359 ○
- 408 An APOBEC3 Mutational Signature in the Genomes of Human-Infecting Orthopoxviruses. **2023**, 8, ○
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- 405 Revealing evolution of tropane alkaloid biosynthesis by analyzing two genomes in the Solanaceae family. **2023**, 14, ○
- 404 Phylogeny and Evolutionary Timescale of Muscidae (Diptera: Calyptratae) Inferred from Mitochondrial Genomes. **2023**, 14, 286 ○
- 403 High-Throughput Microsatellite Markers Development for Genetic Characterization of Emerging *Sporothrix* Species. **2023**, 9, 354 ○

- 402 *Ilex danxiaensis* (Aquifoliaceae), a Distinct New Tree Species Endemic to Danxia Mountain in Guangdong Province, China, Based on Molecular and Morphological Evidence. **2023**, 14, 583 ○
- 401 Natural selection and convergent evolution of the HOX gene family in Carnivora. 11, ○
- 400 *Ligilactobacillus ubinensis* sp. nov., a novel species isolated from the wild ferment of a durian fruit (*Durio zibethinus*). **2023**, 73, ○
- 399 A trailing ribosome speeds up RNA polymerase at the expense of transcript fidelity via force and allostery. **2023**, 186, 1244-1262.e34 ○
- 398 Comparative Analysis of the Characteristics, Phylogenetic Relationships of the Complete Chloroplast Genome, and Maternal Origin Track of White Poplar Interspecific Hybrid GM107. **2023**, 14, 587 ○
- 397 A new species of frog (*Terrarana*, Strabomantidae, Phrynopus) from the Peruvian Andean Grasslands. **2023**, 7, 105-116 ○
- 396 Identification of the Coding-Complete Genome Sequence of a Novel Cytorhabdovirus in *Tilia cordata* Showing Extensive Leaf Chloroses. **2023**, 12, ○
- 395 Total evidence analysis elucidates the tangled systematic scenario within Fidicinini (Hemiptera: Auchenorrhyncha, Cicadidae). 81, 35-77 ○
- 394 Comparative genomics reveals the diversification of triterpenoid biosynthesis and origin of ocotillol-type triterpenes in *Panax*. **2023**, 100591 ○
- 393 Cervicovaginal Human Papillomavirus Genomes, Microbiota Composition and Cytokine Concentrations in South African Adolescents. **2023**, 15, 758 ○
- 392 Genome assembly of the deep-sea coral *Lophelia pertusa*. **2023**, 1-12 ○
- 391 Hyperactive nanobacteria with host-dependent traits pervade Omnitrophota. **2023**, 8, 727-744 ○
- 390 Antiviral immune response reveals host-specific virus infections in natural ant populations. 14, ○
- 389 Yellow Fever Virus Maintained by *Sabethes* Mosquitoes during the Dry Season in Cerrado, a Semiarid Region of Brazil, in 2021. **2023**, 15, 757 ○
- 388 From the Mountain to the Valley: Drivers of Groundwater Prokaryotic Communities along an Alpine River Corridor. **2023**, 11, 779 ○
- 387 Evolution of visual guanylyl cyclases and their activating proteins with respect to clade and species-specific visual system adaptation. 16, ○
- 386 *Lithocarpus dahuensis* (Fagaceae), a new species from Fujian Province based on morphology and genomic data. 222, 1-18 ○
- 385 Chlorine Dioxide Reprograms Rhizosphere Microbial Communities to Enrich Interactions with Tobacco (*Nicotiana tabacum*). **2023**, 72, 47-60 ○

- 384 A mutant cotton fatty acid desaturase 2-1d allele causes protein mistargeting and altered seed oil composition. **2023**, 23, ○
- 383 *Aspergillus luchuensis*, an Endophyte Fungus from the Metal Hyperaccumulator Plant *Prosopis laevigata*, Promotes Its Growth and Increases Metal Translocation. **2023**, 12, 1338 ○
- 382 Subregional origins of emerging SARS-CoV-2 variants during the second pandemic wave in Côte d'Ivoire. ○
- 381 Complete sequences of six major histocompatibility complex haplotypes, including all the major MHC class II structures. ○
- 380 Chromosome-level de novo genome assembly of two conifer-parasitic wasps, *Megastigmus duclouxiana* and *Megastigmus sabinae*, reveals genomic imprints of adaptation to hosts. ○
- 379 Evolutionary history and patterns of divergence in three tropical east Asian squirrels across the Isthmus of Kra. ○
- 378 Re-examination of a rare protosteloid amoeba <i>Schizoplasmodiopsis micropunctata</i>, and the revision of <i>Tychosporium</i> (<i>Cavosteliida</i>, <i>Variosea</i>, <i>Amoebozoa</i>). **2023**, 64, 63-68 ○
- 377 Evolution of chemosensory and detoxification gene families across herbivorous Drosophilidae. ○
- 376 T6SS-mediated competitive exclusion among *Pantoea agglomerans* associated with plants. ○
- 375 Comprehensive characterization of the complex BAHD acyltransferase family from 218 land plants species: phylogenomic analysis and identification of specificity determinant positions. ○
- 374 Complete chloroplast genome sequences of Myristicaceae species with the comparative chloroplast genomics and phylogenetic relationships among them. **2023**, 18, e0281042 ○
- 373 The complete mitochondrial genome of *Hyotissa sinensis* (Bivalvia, Ostreoidae) indicates the genetic diversity within Gryphaeidae. 11, ○
- 372 A Novel Strategy to Identify Endolysins with Lytic Activity against Methicillin-Resistant *Staphylococcus aureus*. **2023**, 24, 5772 ○
- 371 High Andean Steppes of Southern Chile Contain Little-Explored Peltigera Lichen Symbionts. **2023**, 9, 372 ○
- 370 Structure and dynamics of the Arabidopsis O-fucosyltransferase SPINDLY. **2023**, 14, ○
- 369 The Cucumber Kinome: genome-wide, identification, characterisation and expression analysis of the *Cucumis sativus* protein kinases in response to Powdery Mildew, Alternaria Leaf Spot and Root-Knot Nematode. ○
- 368 A syntelog-based pan-genome provides insights into rice domestication and de-domestication. ○
- 367 Core species and interactions prominent in fish-associated microbiome dynamics. **2023**, 11, ○

- 366 Epidemiological Survey and Risk Factor Analysis of 14 Potential Pathogens in Golden Snub-Nosed Monkeys at Shennongjia National Nature Reserve, China. **2023**, 12, 483 ○
- 365 Identification of selective sweeps in bacteria. ○
- 364 Metagenomic Discovery of [Candidatus Parvarchaeales]Related Lineages Sheds Light on Adaptation and Diversification from Neutral-Thermal to Acidic-Mesothermal Environments. ○
- 363 New insights into the phylogenetic relationships among wild onions (*Allium*, Amaryllidaceae), with special emphasis on the subgenera *Anguinum* and *Rhizirideum*, as revealed by plastomes. 14, ○
- 362 Genotypic Characterization of Infectious Spleen and Kidney Necrosis Virus (ISKNV) in Southeast Asian Aquaculture. **2023**, 2023, 1-16 ○
- 361 Genome-wide phylogeography reveals cryptic speciation in the circumglobal planktonic calcifier *Limacina bulimoides*. ○
- 360 Structural Characterization and Extended Substrate Scope Analysis of Two Mg<sup>2+</sup>-Dependent O-Methyltransferases from Bacteria\*\*. ○
- 359 Relatedness within colonies of three North American species of carpenter ants (Subgenus: *Camponotus*) and a comparison with relatedness estimates across Formicinae. ○
- 358 Evolutionary history of two evergreen *Rhododendron* species as revealed by chromosome-level genome assembly. 14, ○
- 357 Evidence for a Putative Isoprene Reductase in *Acetobacterium wieringae*. ○
- 356 Discovery of Brassica Yellow Virus and Porcine Reproductive and Respiratory Syndrome Virus in *Diaphorina citri* and Changes in Virome Due to Infection with [Ca . L. asiaticus] **2023**, 11, ○
- 355 Mycobiont-specific primers facilitate the amplification of mitochondrial small subunit ribosomal DNA: a focus on the lichenized fungal genus *Melanelia* (Ascomycota, Parmeliaceae) in Iceland. 96, 57-75 ○
- 354 Persistence of Tembusu Virus in *Culex tritaeniorhynchus* in Yunnan Province, China. **2023**, 12, 490 ○
- 353 Unidirectional and Heterogenous *Wolbachia* Transfer Rates Among Insect Host Orders. ○
- 352 Phylogenomic inference of the higher classification of velvet ants (Hymenoptera: Mutillidae). ○
- 351 Plastome characterization of *Musa indandamanensis*, an endemic banana in Andaman and Nicobar Islands, India. ○
- 350 Studies on Argentine *Phylacia* species (Hypoxylaceae) using a polythetic taxonomic approach. **2023**, 22, ○
- 349 Genomic analyses of hair from Ludwig van Beethoven. **2023**, ○

- 348 Shorter sleep time relates to lower human defensin 5 secretion and compositional disturbance of the intestinal microbiota accompanied by decreased short-chain fatty acid production. **2023**, 15, ○
- 347 Evaluation of SARS-CoV-2 ORF7a Deletions from COVID-19-Positive Individuals and Its Impact on Virus Spread in Cell Culture. **2023**, 15, 801 ○
- 346 Identifying the genetic basis of viral spillover using Lassa virus as a test case. **2023**, 10, 1
- 345 Phylogeographic analysis revealed allopatric distribution pattern and biogeographic processes of the widespread pale chub *Opsariichthys acutipinnis-evolans* complex (Teleostei: Cyprinidae) in southeastern China. 11, ○
- 344 Diversity and function of methyl-coenzyme M reductase-encoding archaea in Yellowstone hot springs revealed by metagenomics and mesocosm experiments. **2023**, 3, ○
- 343 Revisiting Microbial Diversity in Hypersaline Microbial Mats from Guerrero Negro for a Better Understanding of Methanogenic Archaeal Communities. **2023**, 11, 812 ○
- 342 Uncovering plant microbiomes using long-read metagenomic sequencing. ○
- 341 Genome assembly of the ectoparasitoid wasp *Theocolax elegans*. **2023**, 10, ○
- 340 From primordial clocks to circadian oscillators. **2023**, 616, 183-189 ○
- 339 Molecular Characterization and Cluster Analysis of SARS-CoV-2 Viral Isolates in Kahramanmaraş City, Turkey: The Delta VOC Wave within One Month. **2023**, 15, 802 ○
- 338 Joint visualization of seasonal influenza serology and phylogeny to inform vaccine composition. 3, ○
- 337 Phylogenetic relationship and sequence diversity of candidate genes involved in anthocyanin biosynthesis pathway in *Carthamus* species with contrasting seed coat colors. **2023**, 29, 349-360 ○
- 336 SARS-CoV-2 infection alters the gut microbiome in diabetes patients: A cross-sectional study from Bangladesh. **2023**, 95, ○
- 335 Ancient and Nonuniform Loss of Olfactory Receptor Expression Renders the Shark Nose a De Facto Vomeronasal Organ. **2023**, 40, ○
- 334 Chromosome-level analysis of the *Colletotrichum graminicola* genome reveals the unique characteristics of core and minichromosomes. 14, ○
- 333 Sequence diversity of hepatitis D virus in Mongolia. 10, ○
- 332 Identification and gene expression analysis of serine proteases and their homologs in the Asian corn borer *Ostrinia furnacalis*. **2023**, 13, ○
- 331 An updated catalogue of diverse type II polyketide synthase biosynthetic gene clusters captured from large-scale nucleotide databases. **2023**, 9, ○

- 330 Study of the error correction capability of multiple sequence alignment algorithm (MAFFT) in DNA storage. **2023**, 24, ○
- 329 The devil is in the details: Problems in DNA barcoding practices indicated by systematic evaluation of insect barcodes. 11, ○
- 328 *Encyclobrephus brevitellus* n. sp. (Digenea: Plagiorchioidea, Incertae sedis ) Infecting the Mekong Snail-Eating Turtle, *Malayemys subtrijuga* , in the Mekong River, Vietnam, with Phylogenetic Analyses Based on rDNA. **2023**, 109, ○
- 327 *Bartonella* Prevalence and Genome Sequences in Rodents in Some Regions of Xinjiang, China. ○
- 326 *Callicarpa stoloniformis* (Lamiaceae), a new species from Southeast China based on morphological characters and phylogenetic evidence. **2023**, 13, ○
- 325 Genetic Diversity of *Colletotrichum* spp. Causing Grape Anthracnose in Zhejiang, China. **2023**, 13, 952 ○
- 324 *Peribolosporomycetes* class. nov.: description of a new heat resistant and osmotolerant basidiomycete lineage, represented by *Peribolospora* gen. nov., *P. kevringleyi* sp. nov., and *P. baueri* sp. nov.. **2023**, 22, ○
- 323 Metagenomic analysis of coastal Kenya female *Aedes aegypti* mosquito RNA metaviromes reveal presence of diverse insect specific viruses. 8, 136 ○
- 322 RNA silencing proteins and small RNAs in oomycete plant pathogens and biocontrol agents. 14, ○
- 321 Freshwater fungi from karst landscapes in China and Thailand. **2023**, 119, 1-212 ○
- 320 Analysis of bacterial pangenomes reduces CRISPR dark matter and reveals strong association between membranome and CRISPR-Cas systems. **2023**, 9, ○
- 319 *Neofusicoccum cryptomeriae* sp. nov. and *N. parvum* Cause Stem Basal Canker of *Cryptomeria japonica* in China. **2023**, 9, 404 ○
- 318 Establishing morphological and molecular evidences to support the identification of *Verba buena* (*Mentha villosa* Huds.) in the Philippines. ○
- 317 Genomic convergence underlying high-altitude adaptation in alpine plants. ○
- 316 *Pseudolepraria*, a new leprose genus revealed in Ramalinaceae (Ascomycota, Lecanoromycetes, Lecanorales) to accommodate *Lepraria stephaniana*. 96, 97-112 ○
- 315 Checking the balance between pathogenic and mutualistic pine needle fungi of the genus *Lophodermium* in forested and urban areas of Slovakia. **2023**, 38, 39-48 ○
- 314 A new hexactinellid-sponge-associated zoantharian (Porifera, Hexasterophora) from the northwestern Pacific Ocean. 1156, 71-85 ○
- 313 Chromosome-aware phylogenomics of Assassin Bugs (Hemiptera: Reduvioidea) elucidates ancient gene conflict. ○



- 312 A genome sequence for *Biomphalaria pfeifferi*, the major vector snail for the human-infecting parasite *Schistosoma mansoni*. **2023**, 17, e0011208
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- 310 Metabiotics Signature through Genome Sequencing and In Vitro Inhibitory Assessment of a Novel *Lactococcus lactis* Strain UTNCys6-1 Isolated from Amazonian Camu-Camu Fruits. **2023**, 24, 6127
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- 307 The complete chloroplast genome of *Nymphaea atrans* (Surrey Wilfrid Laurance Jacobs, 1992: Nymphaeaceae). **2023**, 8, 430-433
- 306 Climatic oscillation promoted diversification of spinous assassin bugs during Pleistocene glaciation.
- 305 Rhizosphere and detritusphere habitats modulate expression of soil N-cycling genes during plant development.
- 304 How to start a LINE : 5? switching rejuvenates LINE retrotransposons in tobacco and related *Nicotiana* species.
- 303 Population structure and invasion history of *Aedes aegypti* (Diptera: Culicidae) in Southeast Asia and Australasia.
- 302 Interactions of the Protein Tyrosine Phosphatase PTPN3 with Viral and Cellular Partners through its PDZ Domain: Insights into Structural Determinants and Phosphatase Activity.
- 301 A male-killing gene encoded by a symbiotic virus of *Drosophila*. **2023**, 14,
- 300 Localized assembly for long reads enables genome-wide analysis of repetitive regions at single-base resolution in human genomes. **2023**, 17,
- 299 Comparative analysis of complete *Artemisia* subgenus *Seriphidium* (Asteraceae: Anthemideae) chloroplast genomes: insights into structural divergence and phylogenetic relationships. **2023**, 23,
- 298 The conserved protein CBA1 is required for vitamin B12 uptake in different algal lineages.
- 297 Cusk-eel confusion: revisions of larval *Luciobrotula* and *Pycnocraspedum* and re-descriptions of two bythiid larvae (Ophidiiformes).
- 296 Massive genome reduction occurred prior to the origin of coral algal symbionts.
- 295 Parasite hybridization promotes spreading of endosymbiotic viruses.

- 294 Being Safe, but Not Too Safe: A Nudibranch Feeding on a Bryozoan-Associated Hydrozoan. **2023**, 15, 484 ○
- 293 Field survey and molecular characterization of apicomplexan parasites in small mammals from military camps in Afghanistan. **2023**, 122, 1199-1211 ○
- 292 Comparative chloroplast genomics reveals the phylogeny and the adaptive evolution of *Begonia* in China. ○
- 291 Whole-mitochondrial genomes of *Nannizziopsis* provide insights in evolution and detection. **2023**, 13, ○
- 290 Repertoire of P-glycoprotein drug transporters in the zoonotic nematode *Toxocara canis*. **2023**, 13, ○
- 289 MetaInvert: A new soil invertebrate genome resource provides insights into below-ground biodiversity and evolution. ○
- 288 Genetic and genomic analysis of *Malassezia* reveals transitions in mating-type locus chromosomal organization and early steps in sexual reproduction. ○
- 287 Genomic Characterization and Pathogenicity of BJEU06-1-Like PRRSV-1 ZD-1 Isolated in China. **2023**, 2023, 1-12 ○
- 286 The Baikal subtype of tick-borne encephalitis virus is evident of recombination between Siberian and Far-Eastern subtypes. **2023**, 17, e0011141 ○
- 285 Complete mitochondrial genome of *Penicillidia jenynsii* (Diptera: Hippoboscoidea: Nycteribiidae) and phylogenetic relationship. 1-8 ○
- 284 Shotgun proteomics of quinoa seeds reveals chitinases enrichment under rainfed conditions. **2023**, 13, ○
- 283 Re-collected after 55 years: a new species of *Bembidion* (Coleoptera, Carabidae) from California. 1156, 87-106 ○
- 282 A new deep-sea species of *Elliptiolucina* Cosel & Bouchet, 2008 (Bivalvia, Lucinida, Lucinidae) from cold seep of the South China Sea. **2023**, 99, 261-271 ○
- 281 Patterns of within-host spread of *Chlamydia trachomatis* between vagina, endocervix and rectum revealed by comparative genomic analysis. 14, ○
- 280 Evaluating species boundaries using coalescent delimitation in pine-killing *Monochamus* (Coleoptera: Cerambycidae) sawyer beetles. **2023**, 107777 ○
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- 274 Systemic Analysis of the Spatiotemporal Changes in Multi-Species Electroactive Biofilms to Clarify the Gradual Decline of Current Generation in Microbial Anodes. ○
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- 131 **Phylogenetics and Molecular Mutations of the Hemagglutinin Affecting Global Transmission and Host Adaptation of H5Nx Viruses. 2023, 2023, 1-14** ○
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- 129 The complete mitochondrial genome of *Pardosa pusiola* (Araneae, Lycosidae) and its phylogenetic implications. ○
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- 75 Purifying Selection and Persistent Polymorphism among Nuclei in the Multinucleate Arbuscular Mycorrhizal (AM) Fungi. ○
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