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**Geneious Basic: an integrated and extendable desktop software platform for the organization and analysis of sequence data**

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2092	Characterization of fatty acid and carotenoid production in an <i>Acutodesmus</i> microalga isolated from the Algerian Sahara. <b>2014</b> , 69, 265-275	16
2091	<i>Paenibacillus darwinianus</i> sp. nov., isolated from gamma-irradiated Antarctic soil. <b>2014</b> , 64, 1406-1411	24
2090	Species identification in the genus <i>Saprolegnia</i> (Oomycetes): defining DNA-based molecular operational taxonomic units. <b>2014</b> , 118, 559-78	47
2089	GIIRA--RNA-Seq driven gene finding incorporating ambiguous reads. <i>Bioinformatics</i> , <b>2014</b> , 30, 606-13	7.2 10
2088	Dubious resolution and support from published sparse supermatrices: the importance of thorough tree searches. <b>2014</b> , 78, 334-48	21
2087	A feeding study to probe the uptake of Maitotoxin by snapper ( <i>Pagrus auratus</i> ). <b>2014</b> , 37, 125-132	38
2086	Characterization of the HMA7 gene and transcriptomic analysis of candidate genes for copper tolerance in two <i>Silene vulgaris</i> ecotypes. <b>2014</b> , 171, 1188-96	8
2085	Ultrastructure and molecular phylogenetic position of <i>Neometanema parovale</i> sp. nov. ( <i>Neometanema</i> gen. nov.), a Marine phagotrophic euglenid with skidding motility. <b>2014</b> , 165, 452-72	14
2084	Comparative physiological analysis of lotus ( <i>Nelumbo nucifera</i> ) cultivars in response to salt stress and cloning of NnCIPK genes. <b>2014</b> , 173, 29-36	5
2083	An assessment of CBOL plant DNA barcodes in the genus <i>Manfreda</i> Salisb. (Asparagaceae) for utility in species identification and phylogenetic studies. <b>2014</b> , 32, 172-179	2
2082	Complete Genome Sequences of Two <i>Escherichia coli</i> O145:H28 Outbreak Strains of Food Origin. <b>2014</b> , 2,	15
2081	A Novel Itera-Like Densovirus Isolated by Viral Metagenomics from the Sea Barley <i>Hordeum marinum</i> . <b>2014</b> , 2,	9

2080	The lichen genus <i>Psoromidium</i> (Pannariaceae) re-evaluated, with nomenclatural notes on <i>Degeliella</i> and <i>Psoromaria</i> . <b>2015</b> , 47, 343-348	5
2079	De novo assembly of the dual transcriptomes of a polymorphic raptor species and its malarial parasite. <b>2015</b> , 16, 1038	11
2078	Development of novel multiplex microsatellite polymerase chain reactions to enable high-throughput population genetic studies of <i>Schistosoma haematobium</i> . <b>2015</b> , 8, 432	23
2077	Rapid metagenomic identification of viral pathogens in clinical samples by real-time nanopore sequencing analysis. <b>2015</b> , 7, 99	331
2076	Adding nuclear rhodopsin data where mitochondrial COI indicates discrepancies – can this marker help to explain conflicts in cyprinids?. <b>2015</b> , 3,	14
2075	The commensal infant gut meta-mobilome as a potential reservoir for persistent multidrug resistance integrons. <b>2015</b> , 5, 15317	24
2074	Conferring resistance to geminiviruses with the CRISPR-Cas prokaryotic immune system. <b>2015</b> , 1,	247
2073	Fragmented mitochondrial genomes in two suborders of parasitic lice of eutherian mammals (Anoplura and Rhynchophthirina, Insecta). <b>2015</b> , 5, 17389	28
2072	Induction of Gametogenesis in the Cnidarian Endosymbiosis Model <i>Aiptasia</i> sp. <b>2015</b> , 5, 15677	30
2071	Omura's whales ( <i>Balaenoptera omurai</i> ) off northwest Madagascar: ecology, behaviour and conservation needs. <b>2015</b> , 2, 150301	23
2070	A novel symbiotic relationship between sociable weaver birds ( <i>Philetairus socius</i> ) and a new cheliferid pseudoscorpion ( <i>Pseudoscorpiones</i> : <i>Cheliferidae</i> ) in southern Africa. <b>2015</b> , 29, 444	5
2069	Fishing for barcodes in the Torrent: from COI to complete mitogenomes on NGS platforms. <b>2015</b> , 3,	11
2068	Chimeric adaptor proteins translocate diverse type VI secretion system effectors in <i>Vibrio cholerae</i> . <b>2015</b> , 34, 2198-210	82
2067	Unnoticed in the tropics: phylogenomic resolution of the poorly known arachnid order Ricinulei (Arachnida). <b>2015</b> , 2, 150065	19
2066	Root sepsis associated with insect-dwelling <i>Sebaldella termitidis</i> in a lesser dwarf lemur ( <i>Cheirogaleus medius</i> ). <b>2015</b> , 108, 1373-1382	5
2065	Phylogenetic characterization of two echinoid species of the southeastern Mediterranean, off Egypt. <b>2015</b> , 41, 359-365	2
2064	<i>Escherichia coli</i> O157:H7 strains harbor at least three distinct sequence types of Shiga toxin 2a-converting phages. <b>2015</b> , 16, 733	23
2063	Identification and characterization of microsatellite loci in two socially complex old world tropical babblers (Family Timaliidae). <b>2015</b> , 8, 707	2

2062	MC1R diversity in Northern Island Melanesia has not been constrained by strong purifying selection and cannot explain pigmentation phenotype variation in the region. <b>2015</b> , 16, 122	9
2061	Genome-wide identification of long noncoding RNA genes and their potential association with fecundity and virulence in rice brown planthopper, <i>Nilaparvata lugens</i> . <b>2015</b> , 16, 749	47
2060	Genomic insight into <i>Aquimarina longa</i> SW024 T: its ultra-oligotrophic adapting mechanisms and biogeochemical functions. <b>2015</b> , 16, 772	10
2059	Monocot and dicot MLO powdery mildew susceptibility factors are functionally conserved in spite of the evolution of class-specific molecular features. <b>2015</b> , 15, 257	35
2058	Trace element and temperature effects on microbial communities and links to biogas digester performance at high ammonia levels. <b>2015</b> , 8, 154	72
2057	Molecular analyses on host-seeking black flies (Diptera: Simuliidae) reveal a diverse assemblage of Leucocytozoon (Apicomplexa: Haemospororida) parasites in an alpine ecosystem. <b>2015</b> , 8, 343	21
2056	Inhibition of the endosymbiont "Candidatus Midichloria mitochondrii" during 16S rRNA gene profiling reveals potential pathogens in Ixodes ticks from Australia. <b>2015</b> , 8, 345	74
2055	Fungal Planet description sheets: 371-399. <b>2015</b> , 35, 264-327	84
2054	Population genetic diversity of the clonal self-incompatible herbaceous plant <i>Linaria vulgaris</i> along an urbanization gradient. <b>2015</b> , 116, 603-613	16
2053	Using a common commensal bacterium in endangered Takahe as a model to explore pathogen dynamics in isolated wildlife populations. <b>2015</b> , 29, 1327-36	8
2052	Recent and rapid population growth and range expansion of the Lyme disease tick vector, <i>Ixodes scapularis</i> , in North America. <b>2015</b> , 69, 1678-89	37
2051	Land connectivity changes and global cooling shaped the colonization history and diversification of New World quail (Aves: Galliformes: Odontophoridae). <b>2015</b> , 42, 1883-1895	28
2050	MIA: Mutual Information Analyzer, a graphic user interface program that calculates entropy, vertical and horizontal mutual information of molecular sequence sets. <b>2015</b> , 16, 409	2
2049	Single origin of the Mascarene stick insects: ancient radiation on sunken islands?. <b>2015</b> , 15, 196	57
2048	A chemosynthetic weed: the tubeworm <i>Sclerolium contortum</i> is a bipolar, cosmopolitan species. <b>2015</b> , 15, 280	36
2047	The mitochondrial genome of the chimpanzee louse, <i>Pediculus schaeffi</i> : insights into the process of mitochondrial genome fragmentation in the blood-sucking lice of great apes. <b>2015</b> , 16, 661	25
2046	The isolation and characterization of two <i>Stenotrophomonas maltophilia</i> bacteriophages capable of cross-taxonomic order infectivity. <b>2015</b> , 16, 664	28
2045	Genetic diversity in the plasticity zone and the presence of the chlamydial plasmid differentiates <i>Chlamydia pecorum</i> strains from pigs, sheep, cattle, and koalas. <b>2015</b> , 16, 893	27

2044	Phylogenetic patterns of gene rearrangements in four mitochondrial genomes from the green algal family Hydrodictyaceae (Sphaeropleales, Chlorophyceae). <b>2015</b> , 16, 826	10
2043	Phylogenetic analysis of human <i>Chlamydia pneumoniae</i> strains reveals a distinct Australian indigenous clade that predates European exploration of the continent. <b>2015</b> , 16, 1094	3
2042	Glucose-6-phosphate dehydrogenase deficiency among malaria patients of Honduras: a descriptive study of archival blood samples. <b>2015</b> , 14, 308	11
2041	Detection of a novel astrovirus from a black-naped monarch ( <i>Hypothymis azurea</i> ) in Cambodia. <b>2015</b> , 12, 182	10
2040	<i>Phlebotomus papatasi</i> SP15: mRNA expression variability and amino acid sequence polymorphisms of field populations. <b>2015</b> , 8, 298	12
2039	Identification and characterization of a minisatellite contained within a novel miniature inverted-repeat transposable element (MITE) of <i>Porphyromonas gingivalis</i> . <b>2015</b> , 6, 18	5
2038	Simple SNP-based minimal marker genotyping for <i>Humulus lupulus</i> L. identification and variety validation. <b>2015</b> , 8, 542	16
2037	A multilocus molecular phylogeny for the avian genus <i>Liocichla</i> (Passeriformes: Leiothrichidae: <i>Liocichla</i> ). <b>2015</b> , 6,	4
2036	Genome sequence of the clover symbiont <i>Rhizobium leguminosarum</i> bv. <i>trifolii</i> strain CC275e. <b>2015</b> , 10, 121	6
2035	Russulaceae Associated with Mycoheterotroph <i>Monotropa uniflora</i> (Ericaceae) in Tlaxcala, Mexico: A Phylogenetic Approach. <b>2015</b> , 36, 479-512	10
2034	Validation of <i>Polytomella piriformis nomen nudum</i> (Chlamydomonadaceae): a Distinct Lineage Within a Genus of Nonphotosynthetic Green Algae. <b>2015</b> , 62, 840-4	5
2033	Contrasting patterns of selection and drift between two categories of immune genes in prairie-chickens. <b>2015</b> , 24, 6095-106	16
2032	Shared Bioinformatics Databases within the Unipro UGENE Platform. <b>2015</b> , 12, 24-34	5
2031	Dissolved Carbon Dioxide Selects for Lactic Acid Bacteria Able to Grow in and Spoil Packaged Beer. <b>2015</b> , 73, 331-338	9
2030	A re-examination of the genus <i>Leptofaucha</i> (Faucheaceae, Rhodymeniales) with clarification of species in Australia and the northwest Pacific. <b>2015</b> , 54, 375-384	2
2029	Historical and Recent Cases of H3 Influenza A Virus in Turkeys in Minnesota. <b>2015</b> , 59, 512-7	3
2028	Phylogeny and subgeneric classification of <i>Bouteloua</i> with a new species, <i>B. herrera-arrietae</i> (Poaceae: Chloridoideae: Cynodonteae: Boutelouinae). <b>2015</b> , 53, 351-366	18
2027	A New Barcheek Darter Species from Buck Creek (Cumberland River System), Kentucky (Percidae: Etheostomatinae: <i>Catonotus</i> : <i>Oopareia</i> ). <b>2015</b> , 56, 127-146	6

2026	Cultivation and Characterisation of New Species of Apusomonads (the Sister Group to Opisthokonts), Including Close Relatives of Thecamonas ( <i>Chelonomonas</i> n. gen.). <b>2015</b> , 62, 637-49	5
2025	Species assignment from trace DNA sequences: an in silico assessment of the test used to survey for foxes in Tasmania. <b>2015</b> , 52, 1649-1655	3
2024	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
2023	Pollinator rarity as a threat to a plant with a specialized pollination system. <b>2015</b> , 179, 511-525	21
2022	Compost biodegradation of recalcitrant hoof keratin by bacteria and fungi. <b>2015</b> , 119, 425-34	3
2021	Host behaviour drives parasite genetics at multiple geographic scales: population genetics of the chewing louse, <i>Thomomydoecus minor</i> . <b>2015</b> , 24, 4129-44	9
2020	Generation of a Maize B Centromere Minimal Map Containing the Central Core Domain. <b>2015</b> , 5, 2857-64	1
2019	Quantitative functional characterization of conserved molecular interactions in the active site of mannitol 2-dehydrogenase. <b>2015</b> , 24, 936-45	5
2018	Evaluation of <i>Rhizoctonia zeae</i> as a potential biological control option for fungal root diseases of sugar beet. <b>2015</b> , 167, 75-89	5
2017	Near-Complete Genome Sequence of the Cellulolytic Bacterium <i>Bacteroides</i> ( <i>Pseudobacteroides</i> ) <i>cellulosolvens</i> ATCC 35603. <b>2015</b> , 3,	10
2016	Two new species of <i>Chiropterotriton</i> (Caudata: Plethodontidae) from northern Mexico. <b>2015</b> , 4048, 57-74	10
2015	Novel Arenavirus Isolates from Namaqua Rock Mice, Namibia, Southern Africa. <b>2015</b> , 21, 1213-6	8
2014	Mitochondrial cytochrome oxidase I gene analysis indicates a restricted genetic background in Finnish noble crayfish ( <i>Astacus astacus</i> ) stocks. <b>2015</b> , 21	5
2013	Population Diversity of <i>Leptosphaeria maculans</i> in Australia. <b>2015</b> , 7,	3
2012	Diversity of <i>Bartonella</i> spp. in Bats, Southern Vietnam. <b>2015</b> , 21, 1266-7	20
2011	N-Ethylmaleimide-Sensitive Factor b ( <i>nsfb</i> ) Is Required for Normal Pigmentation of the Zebrafish Retinal Pigment Epithelium. <b>2015</b> , 56, 7535-44	3
2010	Evolution of Chemical Diversity in a Group of Non-Reduced Polyketide Gene Clusters: Using Phylogenetics to Inform the Search for Novel Fungal Natural Products. <b>2015</b> , 7, 3572-607	19
2009	Honey Bee Infecting Lake Sinai Viruses. <b>2015</b> , 7, 3285-309	52



2008	Genome, Proteome and Structure of a T7-Like Bacteriophage of the Kiwifruit Canker Phytopathogen <i>Pseudomonas syringae</i> pv. <i>actinidiae</i> . <b>2015</b> , 7, 3361-79	16
2007	Incomplete LPS Core-Specific Felix01-Like Virus vB_EcoM_VpaE1. <b>2015</b> , 7, 6163-81	10
2006	Identification of Eastern United States Reticulitermes Termite Species via PCR-RFLP, Assessed Using Training and Test Data. <b>2015</b> , 6, 524-37	8
2005	Experimental Horizontal Gene Transfer of Methylamine Dehydrogenase Mimics Prevalent Exchange in Nature and Overcomes the Methylamine Growth Constraints Posed by the Sub-Optimal N-Methylglutamate Pathway. <b>2015</b> , 3, 60-79	10
2004	Development and validation of 697 novel polymorphic genomic and EST-SSR markers in the American cranberry ( <i>Vaccinium macrocarpon</i> Ait.). <b>2015</b> , 20, 2001-13	29
2003	Single cell genomics indicates horizontal gene transfer and viral infections in a deep subsurface Firmicutes population. <b>2015</b> , 6, 349	46
2002	Temporal stability of bacterial symbionts in a temperate ascidian. <b>2015</b> , 6, 1022	17
2001	Microbial Communities on Seafloor Basalts at Dorado Outcrop Reflect Level of Alteration and Highlight Global Lithic Clades. <b>2015</b> , 6, 1470	30
2000	Divergent evolution of two corticotropin-releasing hormone (CRH) genes in teleost fishes. <b>2015</b> , 9, 365	28
1999	Two new species of <i>Cyrtodactylus</i> (Squamata: Gekkonidae) from the Southern Bukit Barisan Range of Sumatra and an estimation of their phylogeny. <b>2015</b> , 4020, 495-516	22
1998	MixtureTree annotator: a program for automatic colorization and visual annotation of MixtureTree. <b>2015</b> , 10, e0118893	4
1997	MXS-Chaining: A Highly Efficient Cloning Platform for Imaging and Flow Cytometry Approaches in Mammalian Systems. <b>2015</b> , 10, e0124958	37
1996	Quantifying the Determinants of Evolutionary Dynamics Leading to Drug Resistance. <b>2015</b> , 13, e1002299	69
1995	The Regulatory T Cell Lineage Factor <i>Foxp3</i> Regulates Gene Expression through Several Distinct Mechanisms Mostly Independent of Direct DNA Binding. <b>2015</b> , 11, e1005251	27
1994	Point Mutations in Centromeric Histone Induce Post-zygotic Incompatibility and Uniparental Inheritance. <b>2015</b> , 11, e1005494	53
1993	QTL Mapping of Sex Determination Loci Supports an Ancient Pathway in Ants and Honey Bees. <b>2015</b> , 11, e1005656	11
1992	Comparison of the Mitochondrial Genomes and Steady State Transcriptomes of Two Strains of the Trypanosomatid Parasite, <i>Leishmania tarentolae</i> . <b>2015</b> , 9, e0003841	32
1991	Molecular Differentiation of the African Yellow Fever Vector <i>Aedes bromeliae</i> (Diptera: Culicidae) from Its Sympatric Non-vector Sister Species, <i>Aedes lili</i> . <b>2015</b> , 9, e0004250	9



1990	Molecular Diversity of Anthracnose Pathogen Populations Associated with UK Strawberry Production Suggests Multiple Introductions of Three Different <i>Colletotrichum</i> Species. <b>2015</b> , 10, e0129140	58
1989	Phylogeography of the Rock Shell <i>Thais clavigera</i> (Mollusca): Evidence for Long-Distance Dispersal in the Northwestern Pacific. <b>2015</b> , 10, e0129715	18
1988	Genetic Variability of Bovine Viral Diarrhea Virus and Evidence for a Possible Genetic Bottleneck during Vertical Transmission in Persistently Infected Cattle. <b>2015</b> , 10, e0131972	16
1987	A Comprehensive Protocol for Improving the Description of Saprolegniales (Oomycota): Two Practical Examples ( <i>Saprolegnia aenigmatica</i> sp. nov. and <i>Saprolegnia racemosa</i> sp. nov.). <b>2015</b> , 10, e0132999	16
1986	Evolutionary Analyses and Natural Selection of Betaine-Homocysteine S-Methyltransferase (BHMT) and BHMT2 Genes. <b>2015</b> , 10, e0134084	8
1985	Molecular Characterization of Natural Hybrids Formed between Five Related Indigenous Clade 6 <i>Phytophthora</i> Species. <b>2015</b> , 10, e0134225	35
1984	Comparative Analysis and Distribution of Omega-3 lCPUFA Biosynthesis Genes in Marine Molluscs. <b>2015</b> , 10, e0136301	24
1983	Individual Spawning Duration of Captive Atlantic Bluefin Tuna ( <i>Thunnus thynnus</i> ) Revealed by Mitochondrial DNA Analysis of Eggs. <b>2015</b> , 10, e0136733	3
1982	The Genus <i>Cerion</i> (Gastropoda: Cerionidae) in the Florida Keys. <b>2015</b> , 10, e0137325	3
1981	Complete Plastid Genome Sequence of the Brown Alga <i>Undaria pinnatifida</i> . <b>2015</b> , 10, e0139366	10
1980	The Application of DNA Barcodes for the Identification of Marine Crustaceans from the North Sea and Adjacent Regions. <b>2015</b> , 10, e0139421	86
1979	Complete Plastid Genome of the Brown Alga <i>Costaria costata</i> (Laminariales, Phaeophyceae). <b>2015</b> , 10, e0140144	13
1978	Differential microRNA Expression in Fast- and Slow-Twitch Skeletal Muscle of <i>Piaractus mesopotamicus</i> during Growth. <b>2015</b> , 10, e0141967	21
1977	Seven New Complete Plastome Sequences Reveal Rampant Independent Loss of the <i>ndh</i> Gene Family across Orchids and Associated Instability of the Inverted Repeat/Small Single-Copy Region Boundaries. <b>2015</b> , 10, e0142215	66
1976	In Vitro Morphogenesis of <i>Arabidopsis</i> to Search for Novel Endophytic Fungi Modulating Plant Growth. <b>2015</b> , 10, e0143353	14
1975	Discovery of a Novel Human Pegivirus in Blood Associated with Hepatitis C Virus Co-Infection. <b>2015</b> , 11, e1005325	64
1974	Structure, expression profile and phylogenetic inference of chalcone isomerase-like genes from the narrow-leaved lupin ( <i>Lupinus angustifolius</i> L.) genome. <b>2015</b> , 6, 268	24
1973	Subspecialization of R2R3-MYB Repressors for Anthocyanin and Proanthocyanidin Regulation in Forage Legumes. <b>2015</b> , 6, 1165	48

1972	Genomic Assays for Identification of Chikungunya Virus in Blood Donors, Puerto Rico, 2014. <b>2015</b> , 21, 1409-13	29
1971	On the paraphyly of Homaloptera (Teleostei: Balitoridae) and description of a new genus of hillstream loaches from the Western Ghats of India. <b>2015</b> , 3926, 57-86	9
1970	Description of two final stadium platystictid larvae from Borneo, including that of Drepanosticta ?attala Lieftinck, identified using DNA barcoding (Odonata: Zygoptera: Platystictidae). <b>2015</b> , 3985, 565-74	8
1969	Revision of the genus Devadatta Kirby, 1890 in Borneo based on molecular and morphological methods, with descriptions of four new species (Odonata: Zygoptera: Devadattidae). <b>2015</b> , 4033, 301-49	2
1968	The genus Syllis 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
1967	New records for the Kosovo caddisfly fauna with the description of a new species, Drusus dardanicus sp. nov. (Trichoptera: Limnephilidae). <b>2015</b> , 4032, 551-68	11
1966	Description of the final stadium larvae of Onychargia atrocyana Selys, 1865 from Sarawak, identified using DNA barcoding (Odonata: Zygoptera: Platycnemididae), with an overview of larval characters in the Platycnemididae. <b>2015</b> , 4040, 384-92	5
1965	Fiddling with the proof: the Magpie Fiddler Ray is a colour pattern variant of the common Southern Fiddler Ray (Rhinobatidae: Trygonorrhina). <b>2015</b> , 3981, 367-84	14
1964	Revision of the Sundaland species of the genus Dysphaea Selys, 1853 using molecular and morphological methods, with notes on allied species (Odonata: Euphaeidae). <b>2015</b> , 3949, 451-90	2
1963	Revision of the hillstream lizard loaches, genus Balitoropsis (Cypriniformes: Balitoridae). <b>2015</b> , 3962, 206-25	2
1962	Danio annulosus, a new species of chain Danio from the Shuvolong Falls in Bangladesh (Teleostei: Cyprinidae: Danioninae). <b>2015</b> , 3994, 53-68	7
1961	Abundant toxin-related genes in the genomes of beneficial symbionts from deep-sea hydrothermal vent mussels. <b>2015</b> , 4, e07966	39
1960	Seropositivity for Avian Influenza H6 Virus among Humans, China. <b>2015</b> , 21, 1267-9	16
1959	Effect of different heterotrophic plate count methods on the estimation of the composition of the culturable microbial community. <b>2015</b> , 3, e862	19
1958	Systematics of hairy armadillos and the taxonomic status of the Andean hairy armadillo (Chaetophractus nationi). <b>2015</b> , 96, 673-689	29
1957	Antibiotics. Targeting DnaN for tuberculosis therapy using novel griselimycins. <b>2015</b> , 348, 1106-12	206
1956	Conserved RNA secondary structures and long-range interactions in hepatitis C viruses. <b>2015</b> , 21, 1219-32	45
1955	Identification and characterisation of synaptonemal complex genes in monotremes. <b>2015</b> , 567, 146-53	3

1954	Chromosome-Directed PCR-Based Detection and Quantification of <i>Bacillus cereus</i> Group Members with Focus on <i>B. thuringiensis</i> Serovar <i>israelensis</i> Active against Nematoceran Larvae. <b>2015</b> , 81, 4894-903	5
1953	Characterization of the pathogenome and phylogenomic classification of enteropathogenic <i>Escherichia coli</i> of the O157:non-H7 serotypes. <b>2015</b> , 73,	9
1952	The genomes of closely related <i>Pantoea ananatis</i> maize seed endophytes having different effects on the host plant differ in secretion system genes and mobile genetic elements. <b>2015</b> , 6, 440	44
1951	Genome Sequencing and Analysis of Geographically Diverse Clinical Isolates of Herpes Simplex Virus 2. <b>2015</b> , 89, 8219-32	49
1950	Bioinformatics and Biomedical Engineering. <b>2015</b> ,	3
1949	Soup to Tree: The Phylogeny of Beetles Inferred by Mitochondrial Metagenomics of a Bornean Rainforest Sample. <b>2015</b> , 32, 2302-16	123
1948	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
1947	Hox genes pattern the anterior-posterior axis of the juvenile but not the larva in a maximally indirect developing invertebrate, <i>Micrura alaskensis</i> (Nemertea). <b>2015</b> , 13, 23	28
1946	Genome Sequence of <i>Bradyrhizobium japonicum</i> E109, One of the Most Agronomically Used Nitrogen-Fixing Rhizobacteria in Argentina. <b>2015</b> , 3,	18
1945	Insights into the antimicrobial properties of hepcidins: advantages and drawbacks as potential therapeutic agents. <b>2015</b> , 20, 6319-41	35
1944	A serine-arginine-rich (SR) splicing factor modulates alternative splicing of over a thousand genes in <i>Toxoplasma gondii</i> . <b>2015</b> , 43, 4661-75	25
1943	Global Phosphoproteomic Mapping of Early Mitotic Exit in Human Cells Identifies Novel Substrate Dephosphorylation Motifs. <b>2015</b> , 14, 2194-212	47
1942	Dispersal in the desert: ephemeral water drives connectivity and phylogeography of an arid-adapted fish. <b>2015</b> , 42, 2374-2388	16
1941	Chloroplast phylogenomics resolves key relationships in ferns. <b>2015</b> , 53, 448-457	52
1940	Sequence diversity and differential expression of major phenylpropanoid-flavonoid biosynthetic genes among three mango varieties. <b>2015</b> , 16, 561	14
1939	Major Histocompatibility Complex Genes Map to Two Chromosomes in an Evolutionarily Ancient Reptile, the Tuatara <i>Sphenodon punctatus</i> . <b>2015</b> , 5, 1439-51	7
1938	A critical evaluation of how ancient DNA bulk bone metabarcoding complements traditional morphological analysis of fossil assemblages. <b>2015</b> , 128, 37-47	25
1937	Transcriptome analysis and characterisation of gill-expressed carbonic anhydrase and other key osmoregulatory genes in freshwater crayfish <i>Cherax quadricarinatus</i> . <b>2015</b> , 5, 187-93	11

1936	Persistent impacts of West Nile virus on North American bird populations. <b>2015</b> , 112, 14290-4	47
1935	DNA barcodes reveal microevolutionary signals in fire response trait in two legume genera. <b>2015</b> , 7,	8
1934	Genome-wide annotation and characterization of CLAVATA/ESR (CLE) peptide hormones of soybean ( <i>Glycine max</i> ) and common bean ( <i>Phaseolus vulgaris</i> ), and their orthologues of <i>Arabidopsis thaliana</i> . <b>2015</b> , 66, 5271-87	31
1933	The diversity of rhizobia nodulating the <i>Medicago</i> , <i>Melilotus</i> and <i>Trigonella</i> inoculation group in Egypt is marked by the dominance of two genetic types. <b>2015</b> , 67, 3-10	6
1932	Full Issue. <b>2015</b> , 59, fmii	
1931	First Molecular Characterization of <i>Theileria ornithorhynchi</i> Mackerras, 1959: yet Another Challenge to the Systematics of the Piroplasms. <b>2015</b> , 166, 609-20	16
1930	Complete Genome Sequence of <i>Bacillus subtilis</i> subsp. <i>subtilis</i> Strain 3NA. <b>2015</b> , 3,	14
1929	Genomic Analysis of Broad-Host-Range Enterobacteriophage Av-05. <b>2015</b> , 3,	2
1928	Draft Genome Sequence of a Highly Virulent Rabbit <i>Staphylococcus aureus</i> Strain. <b>2015</b> , 3,	2
1927	Full-length coding sequences for 12 bovine viral diarrhea virus isolates from persistently infected cattle in a feedyard in Kansas. <b>2015</b> , 3,	9
1926	Complete Genome Sequence of <i>Pragia fontium</i> 24613, an Environmental Bacterium from the Family Enterobacteriaceae. <b>2015</b> , 3,	4
1925	Genome Sequence of <i>Klebsiella pneumoniae</i> YZUSK-4, a Bacterium Proposed as a Starter Culture for Fermented Meat Products. <b>2015</b> , 3,	
1924	Complete Genome Sequence of <i>Staphylococcus aureus</i> FCFHV36, a Methicillin-Resistant Strain Heterogeneously Resistant to Vancomycin. <b>2015</b> , 3,	5
1923	MERS coronavirus: diagnostics, epidemiology and transmission. <b>2015</b> , 12, 222	209
1922	Avian Malaria is Absent in Juvenile Colonial Herons ( <i>Ardeidae</i> ) but not <i>Culex pipiens</i> Mosquitoes in the Camargue, Southern France. <b>2015</b> , 38, 387-395	3
1921	<i>Cherax</i> ( <i>Cherax</i> ) <i>subterigneus</i> , a new crayfish ( <i>Decapoda</i> : <i>Parastacidae</i> ) from West Papua, Indonesia. <b>2015</b> , 35, 830-838	12
1920	Role of BGT-1 and BGT-2, two predicted GPI-anchored glycoside hydrolases/glycosyltransferases, in cell wall remodeling in <i>Neurospora crassa</i> . <b>2015</b> , 85, 58-70	20
1919	Virologic effects of broadly neutralizing antibody VRC01 administration during chronic HIV-1 infection. <b>2015</b> , 7, 319ra206	308

1918	Tan spot of lima bean caused by <i>Boeremia exigua</i> var. <i>exigua</i> in New York State, USA. <b>2015</b> , 37, 523-528	6
1917	Species and abundance of ectoparasitic flies (Diptera) in pied flycatcher nests in Fennoscandia. <b>2015</b> , 8, 648	9
1916	<i>Latronema whataitai</i> sp. n. (Nematoda: Selachinematidae) from intertidal sediments of New Zealand, with notes on relationships within the family based on preliminary 18S and D2-D3 phylogenetic analyses. <b>2015</b> , 17, 941-952	3
1915	Next-Generation Sequencing (NGS) Tools and Impact in Plant Breeding. <b>2015</b> , 563-612	3
1914	Genome-Wide Analysis of Evolutionary Markers of Human Influenza A(H1N1)pdm09 and A(H3N2) Viruses May Guide Selection of Vaccine Strain Candidates. <b>2015</b> , 7, 3472-83	14
1913	First isolation of a rhabdovirus from perch <i>Perca fluviatilis</i> in Switzerland. <b>2015</b> , 116, 93-101	5
1912	The first complete mitochondrial genome of Pygopodidae ( <i>Aprasia parapulchella</i> Kluge). <b>2015</b> , 63, 111	1
1911	A coastal sand dune in New Zealand reveals high arbuscular mycorrhizal fungal diversity. <b>2015</b> , 66, 111-121	9
1910	Selection on meiosis genes in diploid and tetraploid <i>Arabidopsis arenosa</i> . <b>2015</b> , 32, 944-55	51
1909	The genome of the nucleopolyhedrosis-causing virus from <i>Tipula oleracea</i> sheds new light on the Nudiviridae family. <b>2015</b> , 89, 3008-25	38
1908	Complete mitogenome of the edible sea urchin <i>Loxechinus albus</i> : genetic structure and comparative genomics within Echinozoa. <b>2015</b> , 42, 1081-9	6
1907	Collecting in collections: a PCR strategy and primer set for DNA barcoding of decades-old dried museum specimens. <b>2015</b> , 15, 1102-11	27
1906	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
1905	The effects of partitioning on phylogenetic inference. <b>2015</b> , 32, 1611-27	72
1904	DNA methylation at hepatitis B viral integrants is associated with methylation at flanking human genomic sequences. <b>2015</b> , 25, 328-37	20
1903	Genomic and phenotypic characterization of <i>Rhizobium gallicum</i> phage vB_RglS_P106B. <b>2015</b> , 161, 611-20	11
1902	Convergent evolution of alternative developmental trajectories associated with diapause in African and South American killifish. <b>2015</b> , 282,	68
1901	Molecular evolution of candidate genes involved in post-mating-prezygotic reproductive isolation. <b>2015</b> , 28, 403-14	12

1900	<i>Fusarium oxysporum</i> f. sp. <i>canariensis</i> : evidence for horizontal gene transfer of putative pathogenicity genes. <b>2015</b> , 64, 1068-1075	43
1899	First complete genome sequence of a capsicum chlorosis tospovirus isolate from Australia with an unusually large S RNA intergenic region. <b>2015</b> , 160, 869-72	12
1898	Naked but not Hairless: the pitfalls of analyses of molecular adaptation based on few genome sequence comparisons. <b>2015</b> , 7, 768-74	9
1897	A variant of Rubus yellow net virus with altered genomic organization. <b>2015</b> , 50, 104-10	8
1896	Pheromone receptor evolution in the cryptic leafroller species, <i>Ctenopseustis obliquana</i> and <i>C. herana</i> . <b>2015</b> , 80, 42-56	28
1895	What lies beneath?: Knowledge infrastructures in the seafloor biosphere and beyond. <b>2015</b> , 16, 61-77	10
1894	Phylogeny and origin of <i>Fusarium oxysporum</i> f. sp. <i>vanillae</i> in Indonesia. <b>2015</b> , 64, 1358-1365	12
1893	An in planta-expressed polyketide synthase produces (R)-mellein in the wheat pathogen <i>Parastagonospora nodorum</i> . <b>2015</b> , 81, 177-86	37
1892	Different ornaments signal male health and MHC variation in two populations of a warbler. <b>2015</b> , 24, 1584-95	24
1891	Targeted detection of mammalian species using carrion fly-derived DNA. <b>2015</b> , 15, 285-94	28
1890	Aerobic Hydrogen Production via Nitrogenase in <i>Azotobacter vinelandii</i> CA6. <b>2015</b> , 81, 4507-16	17
1889	Endophytic <i>Streptomyces</i> in the traditional medicinal plant <i>Arnica montana</i> L.: secondary metabolites and biological activity. <b>2015</b> , 108, 391-402	6
1888	Socially mediated induction and suppression of antibiosis during bacterial coexistence. <b>2015</b> , 112, 11054-9	150
1887	Generation and Characterization of Human Single-Chain Antibodies Against Polycyclic Aromatic Hydrocarbons. <b>2015</b> , 44, 536-52	5
1886	Efficient introgression of allelic variants by embryo-mediated editing of the bovine genome. <b>2015</b> , 5, 11735	30
1885	Genetic diversity of <i>Mycoplasma arginini</i> isolates based on multilocus sequence typing. <b>2015</b> , 180, 123-8	10
1884	<i>Candelariella clarkii</i> and <i>Lecidea hoganii</i> : two lichen species new to science from White Rocks Open Space, City of Boulder, Colorado. <b>2015</b> , 118, 154	5
1883	Bone marrow transcriptome and epigenome profiles of equine common variable immunodeficiency patients unveil block of B lymphocyte differentiation. <b>2015</b> , 160, 261-76	12

1882	Detection of <i>Leishmania major</i> and <i>Leishmania tropica</i> in domestic cats in the Ege Region of Turkey. <b>2015</b> , 212, 389-92	24
1881	Characterisation of <i>Chlamydia pneumoniae</i> and other novel chlamydial infections in captive snakes. <b>2015</b> , 178, 88-93	22
1880	60,000 years of interactions between Central and Eastern Africa documented by major African mitochondrial haplogroup L2. <b>2015</b> , 5, 12526	25
1879	Discrete lineages within <i>Alternaria alternata</i> species group: Identification using new highly variable loci and support from morphological characters. <b>2015</b> , 119, 994-1006	45
1878	The rice immune receptor XA21 recognizes a tyrosine-sulfated protein from a Gram-negative bacterium. <b>2015</b> , 1, e1500245	151
1877	Islands within islands: Diversification of tailless whip spiders ( <i>Amblypygi</i> , <i>Phrynus</i> ) in Caribbean caves. <b>2015</b> , 93, 107-17	39
1876	Phylogenetic relationships of <i>Echinolaena</i> and <i>Ichnanthus</i> within Panicoideae (Poaceae) reveal two new genera of tropical grasses. <b>2015</b> , 93, 212-33	14
1875	Complete genome sequence and structural characterization of a novel iflavirus isolated from <i>Opsiphanes invirae</i> (Lepidoptera: Nymphalidae). <b>2015</b> , 130, 136-40	12
1874	Molecular identification of endangered Korean lady's slipper orchids ( <i>Cypripedium</i> , Orchidaceae) and related taxa. <b>2015</b> , 93, 603-610	4
1873	Identification of a member of the catalase multigene family on wheat chromosome 7A associated with flour b* colour and biological significance of allelic variation. <b>2015</b> , 290, 2313-24	4
1872	Complete genome sequence and phylogenetic position of the <i>Bacillus cereus</i> group phage JBP901. <b>2015</b> , 160, 2381-4	4
1871	Distinct lineages of Ebola virus in Guinea during the 2014 West African epidemic. <b>2015</b> , 524, 102-4	78
1870	antiSMASH 3.0-a comprehensive resource for the genome mining of biosynthetic gene clusters. <b>2015</b> , 43, W237-43	1403
1869	Detection of Low-Level <i>Cardinium</i> and <i>Wolbachia</i> Infections in <i>Culicoides</i> . <b>2015</b> , 81, 6177-88	42
1868	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
1867	Resistance analysis of baseline and treatment-emergent variants in hepatitis C virus genotype 1 in the AVIATOR study with paritaprevir-ritonavir, ombitasvir, and dasabuvir. <b>2015</b> , 59, 5445-54	87
1866	A suggested new bacteriophage genus, "Kp34likevirus", within the Autographivirinae subfamily of Podoviridae. <b>2015</b> , 7, 1804-22	31
1865	A Primer to Molecular Phylogenetic Analysis in Plants. <b>2015</b> , 34, 454-468	4



1864	Molecular phylogeny of the Bothriocephalidea (Cestoda): molecular data challenge morphological classification. <b>2015</b> , 45, 761-71	30
1863	First report of the myxozoan parasite <i>Myxobolus episquamalis</i> infecting grey mullet ( <i>Mugil cephalus</i> ) from New Zealand. <b>2015</b> , 49, 173-177	3
1862	Comparative Phylodynamics of Rabbit Hemorrhagic Disease Virus in Australia and New Zealand. <b>2015</b> , 89, 9548-58	27
1861	Survivorship of Ploidy-variable Unisexual <i>Ambystoma</i> Salamanders Across Developmental Stages. <b>2015</b> , 71, 81-87	5
1860	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
1859	The phylogenetic position of <i>Neogosseidae</i> (Gastrotricha: Chaetonotida) and the origin of planktonic Gastrotricha. <b>2015</b> , 15, 459-469	9
1858	Unusual biology across a group comprising more than 15% of domain Bacteria. <b>2015</b> , 523, 208-11	688
1857	Evolutionary Analysis of the B56 Gene Family of PP2A Regulatory Subunits. <b>2015</b> , 16, 10134-57	11
1856	Gene duplication, loss and selection in the evolution of saxitoxin biosynthesis in alveolates. <b>2015</b> , 92, 165-80	36
1855	Validation of <i>Tuba1a</i> as appropriate internal control for normalization of gene expression analysis during mouse lung development. <b>2015</b> , 16, 4492-511	16
1854	The aerobic respiratory chain of the acidophilic archaeon <i>Ferroplasma acidiphilum</i> : A membrane-bound complex oxidizing ferrous iron. <b>2015</b> , 1847, 717-28	24
1853	Structural and Functional Diversity of Peptide Toxins from Tarantula <i>Haplopelma hainanum</i> ( <i>Ornithoctonus hainana</i> ) Venom Revealed by Transcriptomic, Peptidomic, and Patch Clamp Approaches. <b>2015</b> , 290, 14192-207	10
1852	<i>Catharanthus mosaic virus</i> : A potyvirus from a gymnosperm, <i>Welwitschia mirabilis</i> . <b>2015</b> , 203, 41-6	6
1851	Equine and Canine Influenza H3N8 Viruses Show Minimal Biological Differences Despite Phylogenetic Divergence. <b>2015</b> , 89, 6860-73	31
1850	The endangered species <i>Brycon orbignyanus</i> : genetic analysis and definition of priority areas for conservation. <b>2015</b> , 98, 1845-1855	24
1849	Isolation and characterization of 12 microsatellite loci to study connectivity in the yellow jawfish <i>Opistognathus aurifrons</i> . <b>2015</b> , 7, 543-545	1
1848	Origin, evolution, and population genetics of the selfish Segregation Distorter gene duplication in European and African populations of <i>Drosophila melanogaster</i> . <b>2015</b> , 69, 1271-83	22
1847	Local hopping mobile DNA implicated in pseudogene formation and reductive evolution in an obligate cyanobacteria-plant symbiosis. <b>2015</b> , 16, 193	12



1846	Development of a <i>Mycobacterium smegmatis</i> transposon mutant array for characterising the mechanism of action of tuberculosis drugs: Findings with isoniazid and its structural analogues. <b>2015</b> , 95, 432-9	10
1845	War wound treatment complications due to transfer of an IncN plasmid harboring bla(OXA-181) from <i>Morganella morganii</i> to CTX-M-27-producing sequence type 131 <i>Escherichia coli</i> . <b>2015</b> , 59, 3556-62	35
1844	<i>Giardia</i> spp. Are Commonly Found in Mixed Assemblages in Surface Water, as Revealed by Molecular and Whole-Genome Characterization. <b>2015</b> , 81, 4827-34	25
1843	Human infection with a zoonotic orthopoxvirus in the country of Georgia. <b>2015</b> , 372, 1223-30	47
1842	Distinctiveness of Pacific Robin subspecies in Vanuatu revealed from disparate patterns of sexual dichromatism, plumage colouration, morphometrics and ancient DNA. <b>2015</b> , 115, 89-98	10
1841	Comparison of nuclear, plastid, and mitochondrial phylogenies and the origin of wild octoploid strawberry species. <b>2015</b> , 102, 544-54	34
1840	Enhanced biofilm production by a toluene-degrading <i>Rhodococcus</i> observed after exposure to perfluoroalkyl acids. <b>2015</b> , 49, 5458-66	33
1839	The impact of Quaternary climate oscillations on divergence times and historical population sizes in <i>Thylamys</i> opossums from the Andes. <b>2015</b> , 24, 2495-506	6
1838	Mutational Analysis of the Antitoxin in the Lactococcal Type III Toxin-Antitoxin System <i>AbiQ</i> . <b>2015</b> , 81, 3848-55	8
1837	Microbial community structure in the gut of the New Zealand insect Auckland tree weta ( <i>Hemideina thoracica</i> ). <b>2015</b> , 197, 603-12	14
1836	Estimating Protistan Diversity Using High-Throughput Sequencing. <b>2015</b> , 62, 688-93	36
1835	Hybridization and asymmetric introgression across a narrow zone of contact between <i>Neotoma fuscipes</i> and <i>N. macrotis</i> (Rodentia: Cricetidae). <b>2015</b> , 115, 162-172	24
1834	Analysis, characterisation and expression of gill-expressed carbonic anhydrase genes in the freshwater crayfish <i>Cherax quadricarinatus</i> . <b>2015</b> , 564, 176-87	16
1833	A fish kill associated with a bloom of in a coastal lagoon in Sydney, Australia. <b>2015</b> , 49, 19-28	29
1832	Comparison of <i>Symbiodinium</i> populations in corals from subtidal region and tidal pools of northern coasts of Hengam Island, Iran. <b>2015</b> , 473, 202-206	12
1831	Complete Genome Sequence of a CTX-M-15-Producing <i>Klebsiella pneumoniae</i> Outbreak Strain from Multilocus Sequence Type 514. <b>2015</b> , 3,	7
1830	Molecular characterization of the 17D-204 yellow fever vaccine. <b>2015</b> , 33, 5432-5436	10
1829	Transposable elements and early evolution of sex chromosomes in fish. <b>2015</b> , 23, 545-60	53

1828	Physical Mapping and Refinement of the Painted Turtle Genome ( <i>Chrysemys picta</i> ) Inform Amniote Genome Evolution and Challenge Turtle-Bird Chromosomal Conservation. <b>2015</b> , 7, 2038-50	32
1827	Molecular phylogenetics of eimeriid coccidia (Eimeriidae, Eimeriorina, Apicomplexa, Alveolata): A preliminary multi-gene and multi-genome approach. <b>2015</b> , 114, 4149-60	21
1826	Genomic Characterization of Yogue, Kasokero, Issyk-Kul, Keterah, Gossas, and Thiafora Viruses: Nairoviruses Naturally Infecting Bats, Shrews, and Ticks. <b>2015</b> , 93, 1041-51	28
1825	The human skin double-stranded DNA virome: topographical and temporal diversity, genetic enrichment, and dynamic associations with the host microbiome. <b>2015</b> , 6, e01578-15	153
1824	Molecular and Morphological Evidence Demonstrating Two Species of Helicometrina Linton 1910 (Digenea: Opecoelidae) in Northern Chile. <b>2015</b> , 101, 694-700	12
1823	Viral meningitis epidemics and a single, recent, recombinant and anthroponotic origin of swine vesicular disease virus. <b>2015</b> , 2015, 289-303	10
1822	Rapid evolution of chemosensory receptor genes in a pair of sibling species of orchid bees (Apidae: Euglossini). <b>2015</b> , 15, 176	27
1821	Invaders, natives and their enemies: distribution patterns of amphipods and their microsporidian parasites in the Ruhr Metropolis, Germany. <b>2015</b> , 8, 419	53
1820	Butterfly Conservation in North America. <b>2015</b> ,	
1819	Diversity of fungi isolated from three temperate ascidians. <b>2015</b> , 66, 99-106	10
1818	Recombination of chl-fus gene (Plastid Origin) downstream of hop: a locus of chromosomal instability. <b>2015</b> , 16, 573	
1817	Evolutionary analysis of selective constraints identifies ameloblastin (AMBN) as a potential candidate for amelogenesis imperfecta. <b>2015</b> , 15, 148	21
1816	Inward rectifier potassium current (I <sub>K1</sub> ) and Kir2 composition of the zebrafish ( <i>Danio rerio</i> ) heart. <b>2015</b> , 467, 2437-46	25
1815	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
1814	A molecular framework phylogeny for <i>Ptilotus</i> (Amaranthaceae): Evidence for the rapid diversification of an arid Australian genus. <b>2015</b> , 64, 272-285	15
1813	Bioinformatics-Based Molecular Classification of <i>Arthrobacter</i> Plasmids. <b>2015</b> , 20, 612-25	4
1812	Differentiation of North African foxes and population genetic dynamics in the desert: insights into the evolutionary history of two sister taxa, <i>Vulpes rueppellii</i> and <i>Vulpes vulpes</i> . <b>2015</b> , 15, 731-745	19
1811	Anaerobic biosynthesis of the lower ligand of vitamin B12. <b>2015</b> , 112, 10792-7	58

1810	Molecular Detection and Characterization of <i>Theileria equi</i> and <i>Babesia caballi</i> in Horses ( <i>Equus ferus caballus</i> ) in Turkey. <b>2015</b> , 35, 830-835	14
1809	Clinical and molecular investigation of a canine distemper outbreak and vector-borne infections in a group of rescue dogs imported from Hungary to Switzerland. <b>2015</b> , 11, 154	13
1808	Evaluating a multigene environmental DNA approach for biodiversity assessment. <b>2015</b> , 4, 46	97
1807	The Dynamics of Genetic Interactions between <i>Vibrio metoecus</i> and <i>Vibrio cholerae</i> , Two Close Relatives Co-Occurring in the Environment. <b>2015</b> , 7, 2941-54	22
1806	Hepatitis C virus genotype 4 resistance and subtype demographic characterization of patients treated with ombitasvir plus paritaprevir/ritonavir. <b>2015</b> , 59, 6807-15	35
1805	Temporal SILAC-based quantitative proteomics identifies host factors involved in chikungunya virus replication. <b>2015</b> , 15, 2267-80	12
1804	Variation in opsin genes correlates with signalling ecology in North American fireflies. <b>2015</b> , 24, 4679-96	30
1803	Analysis of a Reverse Transcription Loop-mediated Isothermal Amplification (RT-LAMP) for yellow fever diagnostic. <b>2015</b> , 226, 40-51	13
1802	The complete methylome of <i>Helicobacter pylori</i> UM032. <b>2015</b> , 16, 424	36
1801	Substrate specificity and transport mechanism of amino-acid transceptor Slimfast from <i>Aedes aegypti</i> . <b>2015</b> , 6, 8546	15
1800	Variable genetic architectures produce virtually identical molecules in bacterial symbionts of fungus-growing ants. <b>2015</b> , 112, 13150-4	68
1799	Parallel subfunctionalisation of PsbO protein isoforms in angiosperms revealed by phylogenetic analysis and mapping of sequence variability onto protein structure. <b>2015</b> , 15, 133	8
1798	Evidence for Bergmann's Rule and Not Allopatric Subspeciation in the Threatened Kaka ( <i>Nestor meridionalis</i> ). <b>2015</b> , 106, 679-91	9
1797	Towards a comprehensive phylogeny of the large temperate genus <i>Pedicularis</i> (Orobanchaceae), with an emphasis on species from the Himalaya-Hengduan Mountains. <b>2015</b> , 15, 176	27
1796	Human Monkeypox in the Kivus, a Conflict Region of the Democratic Republic of the Congo. <b>2015</b> , 93, 718-21	14
1795	Founding mothers of Chueta population. <b>2015</b> , 5, e492-e494	2
1794	Characterization of the cork oak transcriptome dynamics during acorn development. <b>2015</b> , 15, 158	16
1793	Actinoramide A Identified as a Potent Antimalarial from Titration-Based Screening of Marine Natural Product Extracts. <b>2015</b> , 78, 2411-22	25

1792	Next-Generation Transcriptome Profiling of the Salmon Louse <i>Caligus rogercresseyi</i> Exposed to Deltamethrin (AlphaMax®) Discovery of Relevant Genes and Sex-Related Differences. <b>2015</b> , 17, 793-810	14
1791	Out of the Reservoir: Phenotypic and Genotypic Characterization of a Novel Cowpox Virus Isolated from a Common Vole. <b>2015</b> , 89, 10959-69	29
1790	Twenty-one new microsatellite markers for the ecologically important midge <i>Heterotrissocladius marcidus</i> , and their use in studies of alpine lakes. <b>2015</b> , 61, 329-335	1
1789	Buying in to bioinformatics: an introduction to commercial sequence analysis software. <b>2015</b> , 16, 700-9	28
1788	Complete genome sequence analysis and identification of putative metallo-beta-lactamase and SpoIIIE homologs in <i>Bacillus cereus</i> group phage BCP8-2, a new member of the proposed Bastille-like group. <b>2015</b> , 160, 2647-50	3
1787	Intergradation between discrete lineages of <i>Tevnia jerichonana</i> , a deep-sea hydrothermal vent tubeworm. <b>2015</b> , 121, 53-61	14
1786	Group VII Ethylene Response Factors Coordinate Oxygen and Nitric Oxide Signal Transduction and Stress Responses in Plants. <b>2015</b> , 169, 23-31	114
1785	Functional Analyses of Resurrected and Contemporary Enzymes Illuminate an Evolutionary Path for the Emergence of Exolysis in Polysaccharide Lyase Family 2. <b>2015</b> , 290, 21231-43	11
1784	Mitochondrial DNA diversity, genetic structure, and demographic history of the Neotropical otter ( <i>Lontra longicaudis</i> ) in Mexico. <b>2015</b> , 96, 1162-1173	7
1783	<i>Microchrysosphaera graminicola</i> , an enigmatic new genus and species in the Hypocreales from Panama. <b>2015</b> , 14, 1	3
1782	Comparative analysis of oligonucleotide primers for high-throughput screening of genes encoding adenylation domains of nonribosomal peptide synthetases in actinomycetes. <b>2015</b> , 108, 1267-74	1
1781	Characterization of fungi associated with the nasal hairs of Molossid bats. <b>2015</b> , 18, 126-129	1
1780	Early life dynamics of the human gut virome and bacterial microbiome in infants. <b>2015</b> , 21, 1228-34	332
1779	No release for the wicked: enemy release is dynamic and not associated with invasiveness. <b>2015</b> , 96, 2446-57	47
1778	Design and structure of two HIV-1 clade C SOSIP.664 trimers that increase the arsenal of native-like Env immunogens. <b>2015</b> , 112, 11947-52	97
1777	Staying green postharvest: how three mutations in the <i>Arabidopsis</i> chlorophyll <i>b</i> reductase gene NYC1 delay degreening by distinct mechanisms. <b>2015</b> , 66, 6849-62	23
1776	Characterization of an <i>Enterococcus gallinarum</i> Isolate Carrying a Dual <i>vanA</i> and <i>vanB</i> Cassette. <b>2015</b> , 53, 2225-9	10
1775	Complete genome sequence of <i>Haloferax gibbonsii</i> strain ARA6, a potential producer of polyhydroxyalkanoates and halocins isolated from Araruama, Rio de Janeiro, Brasil. <b>2015</b> , 212, 69-70	4

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1607	Mitochondrial DNA polymorphism of atlantic cod of the Barents and White seas. <b>2016</b> , 43, 235-243	3
1606	Ancillary contributions of heterologous biotin protein ligase and carbonic anhydrase for CO incorporation into 3-hydroxypropionate by metabolically engineered <i>Pyrococcus furiosus</i> . <b>2016</b> , 113, 2652-2660	18
1605	A revisited phylogeography of <i>Nautilus pompilius</i> . <b>2016</b> , 6, 4924-35	11
1604	Is there more than one Crocodile Lizard? An Integrative Taxonomic Approach Reveals Vietnamese and Chinese <i>Shinisaurus crocodilurus</i> Represent Separate Conservation and Taxonomic Units. <b>2016</b> , 85, 240-260	14
1603	Autolytinae from Peru: description of <i>Myrianida paredesi</i> sp. nov. and new records of <i>Myrianida pentadentata</i> (Imajima, 1966), and <i>Proceraea micropedata</i> (Hartmann-Schröder, 1962). <b>2016</b> , 96, 1633-1649	2
1602	Evolution of Venomous Cartilaginous and Ray-Finned Fishes. <b>2016</b> , 56, 950-961	29
1601	ECDYSTEROID AND CHITINASE FLUCTUATIONS IN THE WESTERN TARNISHED PLANT BUG ( <i>Lygus hesperus</i> ) PRIOR TO MOLT INDICATE ROLES IN DEVELOPMENT. <b>2016</b> , 92, 108-26	2
1600	Molecular identification of mosquitoes (Diptera: Culicidae) in southeastern Australia. <b>2016</b> , 6, 3001-11	47
1599	<i>Saccharomyces eubayanus</i> and <i>Saccharomyces arboricola</i> reside in North Island native New Zealand forests. <b>2016</b> , 18, 1137-47	54
1598	Sperm competition and the coevolution of pre- and postcopulatory traits: Weapons evolve faster than testes among onthophagine dung beetles. <b>2016</b> , 70, 998-1008	16
1597	Identification and expression profile of odorant-binding proteins in <i>Halyomorpha halys</i> (Hemiptera: Pentatomidae). <b>2016</b> , 25, 580-94	33
1596	Morphological Description and Molecular Phylogeny of Two Species of <i>Levicoleps</i> (Ciliophora, Prostomatida), <i>L. taehwae</i> nov. spec. and <i>L. biwae jejuensis</i> nov. subspec., collected in Korea. <b>2016</b> , 63, 471-80	2
1595	Breeding sites and winter site fidelity of Piping Plovers wintering in The Bahamas, a previously unknown major wintering area. <b>2016</b> , 87, 29-41	9

1594	Phylogenomics at the tips: inferring lineages and their demographic history in a tropical lizard, <i>Carlia amax</i> . <b>2016</b> , 25, 1367-80	41
1593	The unexpected mating system of the androdioecious barnacle <i>Chelonibia testudinaria</i> (Linnaeus 1758). <b>2016</b> , 25, 2081-92	10
1592	Species discovery and validation in a cryptic radiation of endangered primates: coalescent-based species delimitation in Madagascar's mouse lemurs. <b>2016</b> , 25, 2029-45	87
1591	Common foliar fungi of <i>Populus trichocarpa</i> modify <i>Melampsora</i> rust disease severity. <b>2016</b> , 209, 1681-92	115
1590	Out of South-East Asia: phylogeny and biogeography of the spiny ant genus <i>Polyrhachis</i> Smith (Hymenoptera: Formicidae). <b>2016</b> , 41, 369-378	8
1589	Taxonomic revision of <i>Halimeda</i> (Bryopsidales, Chlorophyta) in south-western Australia. <b>2016</b> , 29, 41	24
1588	Re-engineering cellular physiology by rewiring high-level global regulatory genes. <b>2015</b> , 5, 17653	13
1587	Complete mitogenomes for two lineages of the Australian smelt, (Osmeriformes: Retropinnidae). <b>2016</b> , 1, 615-616	5
1586	The complete mitochondrial genome of (Amphibia: Urodela: Salamandridae). <b>2016</b> , 1, 880-882	2
1585	Evolution of male copulatory organs in box crabs (Decapoda: Eubrachyura: Calappidae De Haan, 1833). <b>2016</b> , 36, 804-814	8
1584	Evolutionary relationships in Panicoid grasses based on plastome phylogenomics (Panicoideae; Poaceae). <b>2016</b> , 16, 140	49
1583	Mitochondrial genomes and comparative genomics of <i>Aphanomyces astaci</i> and <i>Aphanomyces invadans</i> . <b>2016</b> , 6, 36089	13
1582	The complete mitochondrial genome of (Hemiptera: Membracidae). <b>2016</b> , 1, 662-663	17
1581	Complete chloroplast genome of a valuable medicinal plant, (Lycopodiaceae), and comparison with its congener. <b>2016</b> , 4, 1600071	16
1580	The First Detection of <i>Ornithobacterium rhinotracheale</i> in New Zealand. <b>2016</b> , 60, 856-859	4
1579	Genome-wide characterisation and expression profile of the grapevine ATL ubiquitin ligase family reveal biotic and abiotic stress-responsive and development-related members. <b>2016</b> , 6, 38260	15
1578	Diversity, temporal distribution and physiology of the centric diatom <i>Leptocylindrus</i> Cleve (Bacillariophyta) from a southern hemisphere upwelling system. <b>2016</b> , 31, 351-365	4
1577	Multigene phylogenetic analysis redefines dung beetles relationships and classification (Coleoptera: Scarabaeidae: Scarabaeinae). <b>2016</b> , 16, 257	42



1576	Paraphoma Crown Rot of Pyrethrum ( <i>Tanacetum cinerariifolium</i> ). <b>2016</b> , 100, 2363-2369	13
1575	Changes in variation at the MHC class II DQA locus during the final demise of the woolly mammoth. <b>2016</b> , 6, 25274	11
1574	Salmonella Degrades the Host Glycocalyx Leading to Altered Infection and Glycan Remodeling. <b>2016</b> , 6, 29525	42
1573	Evolution of the NET (NocA, Nlz, Elbow, TLP-1) protein family in metazoans: insights from expression data and phylogenetic analysis. <b>2016</b> , 6, 38383	8
1572	Genetic diversity of charrs of the Commander Islands based on the analysis of mitochondrial DNA. <b>2016</b> , 52, 1208-1213	3
1571	Genotypic Diversity and Resistance to Azoxystrobin of <i>Cercospora beticola</i> on Processing Table Beet in New York. <b>2016</b> , 100, 1466-1473	32
1570	Archaeal Haloarcula californiae Icosahedral Virus 1 Highlights Conserved Elements in Icosahedral Membrane-Containing DNA Viruses from Extreme Environments. <b>2016</b> , 7,	13
1569	Identification of genes for engineering the male germline of <i>Aedes aegypti</i> and <i>Ceratitis capitata</i> . <b>2016</b> , 17, 948	5
1568	Do novel genes drive morphological novelty? An investigation of the nematosomes in the sea anemone <i>Nematostella vectensis</i> . <b>2016</b> , 16, 114	38
1567	Maternal effects and community composition drive differential patterns in juvenile survival in the coral. <b>2016</b> , 3, 160471	41
1566	Mitogenomes from type specimens, a genotyping tool for morphologically simple species: ten genomes of agar-producing red algae. <b>2016</b> , 6, 35337	20
1565	Repatriation of an old fish host as an opportunity for myxozoan parasite diversity: The example of the allis shad, <i>Alosa alosa</i> (Clupeidae), in the Rhine. <b>2016</b> , 9, 505	6
1564	Characterization of L. genotypes utilizing sequence-related amplified polymorphism and genotyping by sequencing in association with cluster analysis. <b>2016</b> , 36, 155	2
1563	Complete mitochondrial genomes of living and extinct pigeons revise the timing of the columbiform radiation. <b>2016</b> , 16, 230	25
1562	Draft Genome Sequence of <i>Clostridium difficile</i> Strain IT1118, an Epidemic Isolate Belonging to the Emerging PCR Ribotype 018. <b>2016</b> , 4,	1
1561	Chloroplast genome structure in <i>Ilex</i> (Aquifoliaceae). <b>2016</b> , 6, 28559	44
1560	Cost-effective scat-detection dogs: unleashing a powerful new tool for international mammalian conservation biology. <b>2016</b> , 6, 34758	31
1559	Drastic underestimation of amphipod biodiversity in the endangered Irano-Anatolian and Caucasus biodiversity hotspots. <b>2016</b> , 6, 22507	35



1558	Desiccation tolerance and growth-temperature requirements of <i>Coccomyxa</i> (Trebouxiophyceae, Chlorophyta) strains from Antarctic biological soil crusts. <b>2016</b> , 151-152, 3-19	6
1557	Insights from the draft genome of the subsection V (Stigonematales) cyanobacterium <i>Hapalosiphon</i> sp. Strain MRB220 associated with 2-MIB production. <b>2016</b> , 11, 58	6
1556	Widely distributed and regionally isolated! Drivers of genetic structure in <i>Gammarus fossarum</i> in a human-impacted landscape. <b>2016</b> , 16, 153	53
1555	DNA barcoding uncovers cryptic diversity in 50% of deep-sea Antarctic polychaetes. <b>2016</b> , 3, 160432	47
1554	Evolution of Australian <i>Cryptocarya</i> (Lauraceae) based on nuclear and plastid phylogenetic trees: evidence of recent landscape-level disjunctions. <b>2016</b> , 29, 157	5
1553	Notes on Singaporean native Zingiberales II: revision of Marantaceae, with a new generic record and notes on naturalised and commonly cultivated exotic species. <b>2016</b> , 289, 201	2
1552	Reinstatement, Redescription, and Emending of <i>Spiranthes triloba</i> (Orchidaceae): Solving a 118 year old cryptic puzzle. <b>2016</b> , 41, 924-939	3
1551	Natural History of <i>Selenophanes cassiope guarany</i> (Lepidoptera: Nymphalidae: Brassolini): an Integrative Approach, From Molecules to Ecology. <b>2016</b> , saw068	1
1550	<i>Phylloporia spathulata</i> sensu stricto and two new South American stipitate species of <i>Phylloporia</i> (Hymenochaetaceae). <b>2016</b> , 257, 133	9
1549	No longer shipwrecked! <i>Belkirkia</i> (Boraginaceae) back on the mainland with generic rearrangements in South American <i>Omphalodes</i> based on molecular data. <b>2016</b> , 270, 231	9
1548	A new family placement for Australian blue squill, <i>Chamaescilla</i> : Xanthorrhoeaceae (Hemerocallidoideae), not Asparagaceae. <b>2016</b> , 275, 97	4
1547	First record of <i>Nocturama</i> (Batrachospermales, Rhodophyta) in South America, with the description of a new species <i>N. novamundensis</i> . <b>2016</b> , 278, 273	3
1546	Host-plant associated genetic divergence of two spp. (Lepidoptera: Crambidae) stemborers on novel crop plants. <b>2016</b> , 6, 8632-8644	14
1545	Genetic differentiating <i>Aphis fabae</i> and <i>Aphis craccivora</i> (Hemiptera: Sternorrhyncha: Aphididae) populations in Egypt using mitochondrial COI. <b>2016</b> , 71, 1266-1273	2
1544	Archelosaurian Color Vision, Parietal Eye Loss, and the Crocodylian Nocturnal Bottleneck. <b>2017</b> , 34, 666-676	22
1543	Molecules and morphology unite <i>Sarcophaga</i> ( <i>Stackelbergeola</i> ) <i>Rohdendorf</i> and <i>S. (Rohdendorffisca)</i> <i>Grunin</i> within megadiverse <i>Sarcophaga</i> <i>Meigen</i> (sensu lato) (Diptera, Sarcophagidae). <b>2016</b> , 30, 463	11
1542	Could <i>Phlebotomus mascittii</i> play a role as a natural vector for <i>Leishmania infantum</i> ? New data. <b>2016</b> , 9, 458	23
1541	A tiny new species of <i>Specklinia</i> from Haiti: Parc National Naturel Macaya and new combinations in <i>Acianthera</i> (Pleurothallidinae, Epidendreae, Epidendroideae, Orchidaceae). <b>2016</b> , 275, 263	

1540	Tempered mlo broad-spectrum resistance to barley powdery mildew in an Ethiopian landrace. <b>2016</b> , 6, 29558	21
1539	Comparison of six commercial kits to extract bacterial chromosome and plasmid DNA for MiSeq sequencing. <b>2016</b> , 6, 28063	28
1538	<i>Amauroderma calcitum</i> sp. nov. and notes on taxonomy and distribution of <i>Amauroderma</i> species (Ganodermataceae). <b>2016</b> , 244, 101	10
1537	Complete Genome Sequence of <i>Dehalococcoides mccartyi</i> Strain WBC-2, Capable of Anaerobic Reductive Dechlorination of Vinyl Chloride. <b>2016</b> , 4,	2
1536	Mitogenomic Phylogeny, Diversification, and Biogeography of South American Spiny Rats. <b>2017</b> , 34, 613-633	33
1535	Reinventing the leaf: multiple origins of leaf-like wings in katydids (Orthoptera : Tettigoniidae). <b>2016</b> , 30, 335	13
1534	Pseudoscorpions of the family Feaellidae (Pseudoscorpiones : Fealloidea) from the Pilbara region of Western Australia show extreme short-range endemism. <b>2016</b> , 30, 491	5
1533	Genome Sequence and Analysis of a Stress-Tolerant, Wild-Derived Strain of <i>Saccharomyces cerevisiae</i> Used in Biofuels Research. <b>2016</b> , 6, 1757-66	35
1532	Full Issue. <b>2016</b> , 60, fmii	
1531	Bayes Factors Unmask Highly Variable Information Content, Bias, and Extreme Influence in Phylogenomic Analyses. <b>2017</b> , 66, 517-530	67
1530	<i>Gloeocantharellus aculeatus</i> (Gomphaceae), a new neotropical species in the gomphoid-phalloid clade. <b>2016</b> , 268, 193	2
1529	Microdiversity of <i>Echinococcus granulosus sensu stricto</i> in Australia. <b>2016</b> , 143, 1026-33	19
1528	The first complete plastome sequence from the family Sapotaceae, (Kunth) Baehni. <b>2016</b> , 1, 734-736	7
1527	The fungal genus <i>Tricholomopsis</i> (Agaricales) in New Zealand, including <i>Tricholomopsis scabra</i> sp. nov.. <b>2016</b> , 288, 69	4
1526	Towards a monophyletic <i>Omphalodes</i> —an expansion of North American <i>Mimophytum</i> . <b>2016</b> , 288, 131	3
1525	Molecular tools for differentiating <i>Cyclaneusma minus</i> morphotypes and assessing their distribution in <i>Pinus radiata</i> forests in New Zealand. <b>2016</b> , 46,	2
1524	Ecology and biogeography of megafauna and macrofauna at the first known deep-sea hydrothermal vents on the ultraslow-spreading Southwest Indian Ridge. <b>2016</b> , 6, 39158	42
1523	Tracing the Evolution and Economic Potential of Konjac Glucomannan in <i>Amorphophallus</i> species (Araceae) using Molecular Phylogeny and RAPD Markers. <b>2016</b> , 282, 81	2

1522	Expression and Localization of Carbonic Anhydrase Genes in the Serpulid Polychaete Hydroides elegans. <b>2016</b> , 231, 175-184	3
1521	Birth of a W sex chromosome by horizontal transfer of Wolbachia bacterial symbiont genome. <b>2016</b> , 113, 15036-15041	62
1520	The complete mitochondrial genome of the Cape honey bee, Esch. (Insecta: hymenoptera: apidae). <b>2016</b> , 1, 817-819	16
1519	Box Jellyfish <i>Alatina alata</i> Has a Circumtropical Distribution. <b>2016</b> , 231, 152-169	25
1518	Differences in glycosyltransferase family 61 accompany variation in seed coat mucilage composition in <i>Plantago</i> spp. <b>2016</b> , 67, 6481-6495	24
1517	From 12 to One Species: Variation in <i>Lobocheilos rhabdoura</i> (Fowler, 1934) (Cyprinidae: Labeonini). <b>2016</b> , 104, 879-889	4
1516	Population Connectivity Measures of Fishery-Targeted Coral Reef Species to Inform Marine Reserve Network Design in Fiji. <b>2016</b> , 6, 19318	11
1515	Effective application of next-generation sequencing (NGS) approaches in systematics and population genetics: case studies in <i>Eucalyptus</i> and <i>Acacia</i> . <b>2016</b> , 29, 235	2
1514	Review of the harvestfishes, genus <i>Peprilus</i> (Perciformes: Stromateidae), of the Atlantic coast of South America. <b>2016</b> , 4098, 311-32	8
1513	Viviparity stimulates diversification in an order of fish. <b>2016</b> , 7, 11271	47
1512	Improving herpetological surveys in eastern North America using the environmental DNA method. <b>2016</b> , 59, 991-1007	46
1511	Genomic signatures of <i>Mannheimia haemolytica</i> that associate with the lungs of cattle with respiratory disease, an integrative conjugative element, and antibiotic resistance genes. <b>2016</b> , 17, 982	33
1510	Complete Plastome Sequence of <i>Ludwigia octovalvis</i> (Onagraceae), a Globally Distributed Wetland Plant. <b>2016</b> , 4,	3
1509	Genome sequence of <i>Perigonia lusca</i> single nucleopolyhedrovirus: insights into the evolution of a nucleotide metabolism enzyme in the family Baculoviridae. <b>2016</b> , 6, 24612	8
1508	CRISPR/Cas9-induced disruption of gene expression in mouse embryonic brain and single neural stem cells in vivo. <b>2016</b> , 17, 338-48	53
1507	A new primer set for amplification of the cytochrome b gene in lantern fishes (Myctophidae). <b>2016</b> , 56, 899-903	
1506	An eco-epidemiological study of Morbilli-related paramyxovirus infection in Madagascar bats reveals host-switching as the dominant macro-evolutionary mechanism. <b>2016</b> , 6, 23752	16
1505	Complete Genome Sequence of <i>Bacillus subtilis</i> subsp. <i>subtilis</i> Strain B. <b>2016</b> , 4,	4

1504	Comparative Phylogenomic Assessment of Mitochondrial Introgression among Several Species of Chipmunks ( <i>Tamias</i> ). <b>2017</b> , 9, 7-19	9
1503	Dimethylsulfoniopropionate in corals and its interrelations with bacterial assemblages in coral surface mucus. <b>2016</b> , 13, 252	20
1502	Complete mitochondrial genome of the geniculate calcified red alga, (Corallinales, Rhodophyta). <b>2016</b> , 1, 326-327	5
1501	Low Base-Substitution Mutation Rate in the Germline Genome of the Ciliate <i>Tetrahymena thermophil</i> . <b>2016</b> , 8, 3629-3639	28
1500	Evidence from Multiple Species that Spider Silk Glue Component ASG2 is a Spidroin. <b>2016</b> , 6, 21589	37
1499	The phylogeny of brown lacewings (Neuroptera: Hemerobiidae) reveals multiple reductions in wing venation. <b>2016</b> , 16, 192	11
1498	Determination of the complete genome and functional analysis of HPV6 isolate VBD19/10 from a patient with aggressive recurrent respiratory papillomatosis. <b>2016</b> , 144, 2128-35	7
1497	A New Cryptic Species of <i>Melanochlamys</i> (Gastropoda: Heterobranchia: Cephalaspidea) from the Northwestern Pacific. <b>2016</b> , 34, 103-108	5
1496	Complete mitochondrial genome of the endangered Mary River turtle ( <i>Elusor macrurus</i> ) and low mtDNA variation across the species' range. <b>2016</b> , 64, 117	3
1495	The complete mitochondrial genome of the grass emperor, (Perciformes: Lethrinidae). <b>2016</b> , 1, 277-279	0
1494	Unexpected diversity in the relictual European spiders of the genus <i>Pimoa</i> (Araneae : Pimoidae). <b>2016</b> , 30, 566	11
1493	Identification and characterization of <i>Ditylenchus</i> spp. populations from garlic in New York State, USA. <b>2016</b> , 41, 193-197	4
1492	Heat and desiccation are the predominant factors affecting inactivation of <i>Bacillus licheniformis</i> and <i>Bacillus thuringiensis</i> spores during simulated composting. <b>2016</b> , 120, 90-8	5
1491	Little or no gene flow despite F1 hybrids at two interspecific contact zones. <b>2016</b> , 6, 2390-404	7
1490	Stable isotope probing implicates a species of <i>Cortinarius</i> in carbon transfer through ectomycorrhizal fungal mycelial networks in Arctic tundra. <b>2016</b> , 210, 383-90	25
1489	Identity and distribution of weedy <i>Pedicularis kansuensis</i> Maxim. (Orobanchaceae) in Tianshan Mountains of Xinjiang: morphological, anatomical and molecular evidence. <b>2016</b> , 8, 453-461	4
1488	Evaluation of the <i>Escherichia coli</i> HK82 and BS87 strains as tools for AlkB studies. <b>2016</b> , 39, 34-40	2
1487	Clade-specific positive selection on a developmental gene: <i>BRANCHLESS TRICHOME</i> and the evolution of stellate trichomes in <i>Physaria</i> (Brassicaceae). <b>2016</b> , 100, 31-40	6

1486	Plastid genomes reveal support for deep phylogenetic relationships and extensive rate variation among palms and other commelinid monocots. <b>2016</b> , 209, 855-70	124
1485	Evaluating the effects of laboratory protocols on eDNA detection probability for an endangered freshwater fish. <b>2016</b> , 6, 2739-50	62
1484	Real time application of whole genome sequencing for outbreak investigation - What is an achievable turnaround time?. <b>2016</b> , 85, 277-282	24
1483	Development of three specific PCR-based tools to determine quantity, cellulolytic transcriptional activity and phylogeny of anaerobic fungi. <b>2016</b> , 127, 28-40	11
1482	Fungi on stems and twigs in initial and advanced stages of dieback of European ash ( <i>Fraxinus excelsior</i> ) in Poland. <b>2016</b> , 135, 565-579	30
1481	Phylogenetic position of <i>Leishmania</i> isolates from Khyber Pakhtunkhwa province of Pakistan. <b>2016</b> , 167, 61-6	4
1480	A fast and robust method for whole genome sequencing of the Aleutian Mink Disease Virus (AMDV) genome. <b>2016</b> , 234, 43-51	7
1479	Targeted Mutagenesis of Guinea Pig Cytomegalovirus Using CRISPR/Cas9-Mediated Gene Editing. <b>2016</b> , 90, 6989-6998	23
1478	Diversity and host specificity of coccidia (Apicomplexa: Eimeriidae) in native and introduced squirrel species. <b>2016</b> , 56, 1-14	11
1477	Long-Term Evolution of during a Chronic Cystic Fibrosis Infection Reveals Shifting Forces of Selection. <b>2016</b> , 1,	55
1476	A New Species of <i>Helicops</i> (Serpentes: Dipsadidae: Hydropsini) from Southeastern Brazil. <b>2016</b> , 72, 157-166	10
1475	Newly characterized arboviruses of northern Australia. <b>2016</b> , 6, 11-17	7
1474	A metagenomic comparison of endemic viruses from broiler chickens with runting-stunting syndrome and from normal birds. <b>2016</b> , 45, 616-629	37
1473	Comparative Transcriptomic Approaches Exploring Contamination Stress Tolerance in <i>Salix</i> sp. Reveal the Importance for a Metaorganismal de Novo Assembly Approach for Nonmodel Plants. <b>2016</b> , 171, 3-24	15
1472	Use of the Mitochondrial Control Region as a Potential DNA Mini-Barcoding Target for the Identification of Canned Tuna Species. <b>2016</b> , 9, 2711-2720	28
1471	<i>Collolechia</i> revisited and a re-assessment of ascus characteristics in Placynthiaceae (Peltigerales, Ascomycota). <b>2016</b> , 48, 3-12	8
1470	Molecular phylogenetic analyses of tissue coccidia (sarcocystidae; apicomplexa) based on nuclear 18s rDNA and mitochondrial COI sequences confirms the paraphyly of the genus <i>Hammondia</i> . <b>2016</b> , 2,	18
1469	Advances in DNA metabarcoding for food and wildlife forensic species identification. <b>2016</b> , 408, 4615-30	111

1468	Genotypic diversity of <i>Lactobacillus sanfranciscensis</i> strains isolated from French organic sourdoughs. <b>2016</b> , 226, 13-9	12
1467	The potential for adaptive maintenance of diversity in insect antimicrobial peptides. <b>2016</b> , 371,	37
1466	An Outbreak of Norovirus Infections Among Lunch Customers at a Restaurant, Tampere, Finland, 2015. <b>2016</b> , 8, 174-9	4
1465	BESTROPHIN1 mutations cause defective chloride conductance in patient stem cell-derived RPE. <b>2016</b> , 25, 2672-2680	33
1464	A new amplicon based approach of whole mitogenome sequencing for phylogenetic and phylogeographic analysis: An example of East African white-eyes ( <i>Aves</i> , <i>Zosteropidae</i> ). <b>2016</b> , 102, 74-85	9
1463	A new species of <i>Laetiporus</i> ( <i>Basidiomycota</i> ) and occurrence of <i>L. gilbertsonii</i> Burds. in Brazil. <b>2016</b> , 102, 477-490	4
1462	Complete genome sequence of <i>Colocasia</i> bobone disease-associated virus, a putative cytorhabdovirus infecting taro. <b>2016</b> , 161, 745-8	7
1461	Characterization of the complete chloroplast genome of two sister species of <i>Pugionium</i> ( <i>Brassicaceae</i> ). <b>2016</b> , 8, 243-245	2
1460	Identification, structural characterisation and expression analysis of a defensin gene from the tiger beetle <i>Calomera littoralis</i> ( <i>Coleoptera</i> : <i>Cicindelidae</i> ). <b>2016</b> , 589, 56-62	7
1459	Spread of the newly emerging infectious laryngotracheitis viruses in Australia. <b>2016</b> , 43, 67-73	41
1458	Complete mitochondrial genome sequences of thirteen globally sourced strains of fruit fly ( <i>Drosophila melanogaster</i> ) form a powerful model for mitochondrial research. <b>2016</b> , 27, 4672-4674	25
1457	Allele mining in <i>Indica</i> rice ( <i>Oryza sativa</i> L.) for ATP binding cassette (ABC) transporter gene family for aluminum tolerance. <b>2016</b> , 21, 161-170	2
1456	Functional Analysis of an S-Layer-Associated Fibronectin-Binding Protein in <i>Lactobacillus acidophilus</i> NCFM. <b>2016</b> , 82, 2676-2685	50
1455	Targeted capture and resequencing of 1040 genes reveal environmentally driven functional variation in grey wolves. <b>2016</b> , 25, 357-79	38
1454	The complete mitogenome of an Australian carp gudgeon, hybridogenetic biotype HAHB ( <i>Hypseleotris</i> : <i>Eleotridae</i> ). <b>2016</b> , 27, 4582-4583	1
1453	Biallelic Mutations in <i>GNB3</i> Cause a Unique Form of Autosomal-Recessive Congenital Stationary Night Blindness. <b>2016</b> , 98, 1011-1019	35
1452	First report of the land planarian <i>Diversibipalium multilineatum</i> (Makino & Shirasawa, 1983) ( <i>Platyhelminthes</i> , <i>Tricladida</i> , <i>Continenticola</i> ) in Europe. <b>2016</b> , 4067, 577-80	9
1451	Designation and description of a neotype of <i>Sclerophrys maculata</i> (Hallowell, 1854), and reinstatement of <i>S. pusilla</i> (Mertens, 1937) ( <i>Amphibia</i> : <i>Anura</i> : <i>Bufo</i> <i>idae</i> ). <b>2016</b> , 4098, 73-94	8

1450	A Novel Astrovirus-Like RNA Virus Detected in Human Stool. <b>2016</b> , 2, vew005	16
1449	<i>Chaetoceros coloradensis</i> sp. nov. (Bacillariophyta, Chaetocerotaceae), a new inland species from Little Gaynor Lake, Colorado, North America. <b>2016</b> , 255, 199	3
1448	Factors influencing nitrification rates and the abundance and transcriptional activity of ammonia-oxidizing microorganisms in the dark northeast Pacific Ocean. <b>2016</b> , 61, 596-609	42
1447	Development of SNP and microsatellite markers for goldsinny wrasse ( <i>Ctenolabrus rupestris</i> ) from ddRAD sequencing data. <b>2016</b> , 8, 201-206	8
1446	Evidence That an Unconventional Actin Can Provide Essential F-Actin Function and That a Surveillance System Monitors F-Actin Integrity in <i>Chlamydomonas</i> . <b>2016</b> , 202, 977-96	28
1445	PacBio SMRT assembly of a complex multi-replicon genome reveals chlorocatechol degradative operon in a region of genome plasticity. <b>2016</b> , 586, 239-47	10
1444	The Quest for Golden Bananas: Investigating Carotenoid Regulation in a Fe'i Group <i>Musa</i> Cultivar. <b>2016</b> , 64, 3176-85	27
1443	The resurrection of the genus <i>Bergia</i> (Anthozoa, Zoantharia, Parazoanthidae). <b>2016</b> , 14, 63-73	9
1442	The YsrS Paralog DygS Has the Capacity To Activate Expression of the <i>Yersinia enterocolitica</i> Ysa Type III Secretion System. <b>2016</b> , 198, 1725-1734	0
1441	A review of <i>Cordylus machadoi</i> (Squamata: Cordylidae) in southwestern Angola, with the description of a new species from the Pro-Namib desert. <b>2016</b> , 4061, 201-26	19
1440	Zika virus complete genome from Salvador, Bahia, Brazil. <b>2016</b> , 41, 142-145	20
1439	Implications of lemuriform extinctions for the Malagasy flora. <b>2016</b> , 113, 5041-6	37
1438	High <i>Trypanosoma cruzi</i> infection prevalence associated with minimal cardiac pathology among wild carnivores in central Texas. <b>2016</b> , 5, 117-23	35
1437	Comparative Single-Cell Genomics of Chloroflexi from the Okinawa Trough Deep-Subsurface Biosphere. <b>2016</b> , 82, 3000-3008	39
1436	Influence of symbiont-produced bioactive natural products on holobiont fitness in the marine bryozoan, <i>Bugula neritina</i> via protein kinase C (PKC). <b>2016</b> , 163, 1	5
1435	The evolution of heat shock protein sequences, cis-regulatory elements, and expression profiles in the eusocial Hymenoptera. <b>2016</b> , 16, 15	34
1434	Transfer and Expression of ALS Inhibitor Resistance from Palmer Amaranth ( <i>Amaranthus palmeri</i> ) to an <i>A. spinosus</i> × <i>A. palmeri</i> Hybrid. <b>2016</b> , 64, 240-247	23
1433	Divergent evolution for diverse substrate recognition by family 31 glycoside hydrolases. <b>2016</b> , 94, 323-30	1



1432	A method for near full-length amplification and sequencing for six hepatitis C virus genotypes. <b>2016</b> , 17, 247	43
1431	Redescription <i>Cyrtodactylus lateralis</i> (Werner) (Squamata: Gekkonidae) and Phylogeny of the Prehensile-tailed <i>Cyrtodactylus</i> . <b>2016</b> , 4107, 517-40	13
1430	Biological and molecular characterization of a highly divergent johnsongrass mosaic virus isolate from <i>Pennisetum purpureum</i> . <b>2016</b> , 161, 1981-6	2
1429	Development of a multiplex PCR diagnostic assay for the detection of <i>Stagonosporopsis</i> species associated with ray blight of Asteraceae. <b>2016</b> , 146, 581-595	10
1428	HIV-1 therapy with monoclonal antibody 3BNC117 elicits host immune responses against HIV-1. <b>2016</b> , 352, 997-1001	202
1427	Mechanism of Folding and Activation of Subtilisin Kexin Isozyme-1 (SKI-1)/Site-1 Protease (S1P). <b>2016</b> , 291, 2055-66	7
1426	A pigeonpea gene confers resistance to Asian soybean rust in soybean. <b>2016</b> , 34, 661-5	67
1425	Phylogeny and Divergence Times of Lemurs Inferred with Recent and Ancient Fossils in the Tree. <b>2016</b> , 65, 772-91	98
1424	Detection of <i>Paranannizziopsis australasiensis</i> in tuatara ( <i>Sphenodon punctatus</i> ) using fungal culture and a generic fungal PCR. <b>2016</b> , 64, 298-300	6
1423	Polyphasic characterization of 10 selected ecologically relevant filamentous cyanobacterial strains from the South Shetland Islands, Maritime Antarctica. <b>2016</b> , 92,	4
1422	Another look at the phylogenetic position of the grape order Vitales: Chloroplast phylogenomics with an expanded sampling of key lineages. <b>2016</b> , 101, 216-223	22
1421	Genomic variation in the porcine immunoglobulin lambda variable region. <b>2016</b> , 68, 285-93	9
1420	Genome-wide identification and expression analysis of SWI1 genes in <i>Boechera</i> species. <b>2016</b> , 62, 75-81	1
1419	Molecular-assisted alpha taxonomy of the genus <i>Rhodymenia</i> (Rhodymeniaceae, Rhodymeniales) from Australia reveals overlooked species diversity. <b>2016</b> , 51, 354-367	9
1418	The complete mitochondrial genome of (Amphibia: Anura: Aromobatidae). <b>2016</b> , 1, 338-340	3
1417	Diversity and systematics of philinid snails (Gastropoda: Cephalaspidea) in West Africa with remarks on the biogeography of the region. <b>2016</b> ,	2
1416	A hypervariable genomic island identified in clinical and environmental <i>Mycobacterium avium</i> subsp. <i>hominissuis</i> isolates from Germany. <b>2016</b> , 306, 495-503	8
1415	Evolution of a CAM anatomy predates the origins of Crassulacean acid metabolism in the Agavoideae (Asparagaceae). <b>2016</b> , 105, 102-113	55



1414	A novel member of the Tombusviridae from a wild legume, <i>Gompholobium preissii</i> . <b>2016</b> , 161, 2893-8	1
1413	The cryptic origins of evolutionary novelty: 1000-fold faster trophic diversification rates without increased ecological opportunity or hybrid swarm. <b>2016</b> , 70, 2504-2519	26
1412	Preliminary assessment of the population genetics of <i>Ixodes affinis</i> (Ixodida: Ixodidae) in North and Central America. <b>2016</b> , 21, 1300	4
1411	Organohalide-Respiring Deltaproteobacteria. <b>2016</b> , 235-258	5
1410	Complete Sequencing of Plasmids Containing blaOXA-163 and blaOXA-48 in <i>Escherichia coli</i> Sequence Type 131. <b>2016</b> , 60, 6948-6951	14
1409	Cryptic diversity within the narrowly endemic <i>Lerista wilkinsi</i> group of north Queensland-two new species (Reptilia: Scincidae). <b>2016</b> , 4162, 61-91	8
1408	Population structure and connectivity in the Mediterranean sponge <i>Ircinia fasciculata</i> are affected by mass mortalities and hybridization. <b>2016</b> , 117, 427-439	27
1407	Multivalent Chromosomal Expression of the <i>Clostridium botulinum</i> Serotype A Neurotoxin Heavy-Chain Antigen and the <i>Bacillus anthracis</i> Protective Antigen in <i>Lactobacillus acidophilus</i> . <b>2016</b> , 82, 6091-6101	24
1406	Complete Genome Sequence of a Novel Strain of Cyanobacterium, <i>Anabaena</i> sp. 4-3. <b>2016</b> , 4,	
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1404	Mitogenomics of <i>Hesperelaea</i> , an extinct genus of Oleaceae. <b>2016</b> , 594, 197-202	17
1403	Exceptionally long CDR3H of bovine scFv antigenized with BoHV-1 B-epitope generates specific immune response against the targeted epitope. <b>2016</b> , 77, 113-25	1
1402	Nuclear Egress of Herpesviruses: The Prototypic Vesicular Nucleocytoplasmic Transport. <b>2016</b> , 94, 81-140	42
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1400	Structural features and inhibitors of bromodomains. <b>2016</b> , 19, 3-15	14
1399	Trails of river monsters: Detecting critically endangered Mekong giant catfish <i>Pangasianodon gigas</i> using environmental DNA. <b>2016</b> , 7, 148-156	39
1398	Evidence of canine parvovirus transmission to a civet cat ( <i>Geniviviparus zibethicus</i> ) in Singapore. <b>2016</b> , 2, 122-125	8
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1396	Data on the multilocus molecular phylogenies of the Neotropical fish family Prochilodontidae (Teleostei: Characiformes). <b>2016</b> , 9, 128-42	2
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1390	Different roads lead to Rome: Integrative taxonomic approaches lead to the discovery of two new lizard lineages in the Liolaemus montanus group (Squamata: Liolaemidae). <b>2016</b> ,	6
1389	Repeated Duplication of Argonaute2 Is Associated with Strong Selection and Testis Specialization in Drosophila. <b>2016</b> , 204, 757-769	12
1388	Fertilization success of sterlet Acipenser ruthenus and Siberian sturgeon Acipenser baerii gametes under conditions of heterospecific mating. <b>2016</b> , 174, 107-113	
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1385	An Anthropocene map of genetic diversity. <b>2016</b> , 353, 1532-1535	142
1384	Novel Endorna-like viruses, including three with two open reading frames, challenge the membership criteria and taxonomy of the Endornaviridae. <b>2016</b> , 499, 203-211	23
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1380	Validity and Redescription of Profundulus balsanus Ahl, 1935 (Cyprinodontiformes: Profundulidae). <b>2016</b> , 4173, 55-65	5
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1378	A genetic assessment of the English bulldog. <b>2016</b> , 3, 6	32
1377	Persistence of Brazilian isolates of the entomopathogenic fungi <i>Metarhizium anisopliae</i> and <i>M. robertsii</i> in strawberry crop soil after soil drench application. <b>2016</b> , 233, 361-369	22
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1371	Phylogeographic analyses of bacterial endosymbionts in fig homotomids (Hemiptera: Psylloidea) reveal codiversification of both primary and secondary endosymbionts. <b>2016</b> , 92,	11
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1324	Positive selection on panpulmonate mitogenomes provide new clues on adaptations to terrestrial life. <b>2016</b> , 16, 164	26
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1314	Phylogenetics and biogeography of the dung beetle genus Onthophagus inferred from mitochondrial genomes. <b>2016</b> , 105, 86-95	37
1313	A single origin of extreme matrotrophy in African mabuyine skinks. <b>2016</b> , 12,	12
1312	Genetic reconstruction of a bullfrog invasion to elucidate vectors of introduction and secondary spread. <b>2016</b> , 6, 5221-33	5
1311	Geographical range and host breadth of Sebacina orchid mycorrhizal fungi associating with Caladenia in south-western Australia. <b>2016</b> , 182, 140-151	14
1310	Eye development and photoreceptor differentiation in the cephalopod Doryteuthis pealeii. <b>2016</b> , 143, 3168-81	16
1309	Phylogenetics of extant and fossil Pinaceae: methods for increasing topological stability. <b>2016</b> , 94, 863-884	18
1308	Larval morphology of the Western Balkans endemic caddisflies Malicky 1981, Malicky 1989, and Marinkovič 1976 (Trichoptera, Limnephilidae, Drusinae). <b>2016</b> , 4083, 483-500	6
1307	Characterization of the whole chloroplast genome of Caragana microphylla Lam (Fabaceae). <b>2016</b> , 8, 371-373	1

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1305	The Evolution of Innate Immune Genes: Purifying and Balancing Selection on Defensins in Waterfowl. <b>2016</b> , 33, 3075-3087	25
1304	Random Mating Between Two Widely Divergent Mitochondrial Lineages of <i>Cryptolestes ferrugineus</i> (Coleoptera: Laemophloeidae): A Test of Species Limits in a Phosphine-Resistant Stored Product Pest. <b>2016</b> , 109, 2221-8	17
1303	Visual Pigments, Ocular Filters and the Evolution of Snake Vision. <b>2016</b> , 33, 2483-95	49
1302	First report of <i>Didymella americana</i> on baby lima bean ( <i>Phaseolus lunatus</i> ). <b>2016</b> , 38, 389-394	7
1301	Broad-complex, tramtrack, and bric- $\bar{a}$ brac (BTB) proteins: Critical regulators of development. <b>2016</b> , 54, 505-518	56
1300	Inter-annual maintenance of the fine-scale genetic structure in a biennial plant. <b>2016</b> , 6, 37712	6
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1298	Revision of the South American genus <i>Tetragonopterus</i> Cuvier, 1816 (Teleostei: Characidae) with description of four new species. <b>2016</b> , 4200, zootaxa.4200.1.1	11
1297	Exploring glycoside hydrolases and accessory proteins from wood decay fungi to enhance sugarcane bagasse saccharification. <b>2016</b> , 9, 110	34
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1295	Genome biogeography reveals the intraspecific spread of adaptive mutations for a complex trait. <b>2016</b> , 25, 6107-6123	35
1294	A genomic island in <i>Vibrio cholerae</i> with VPI-1 site-specific recombination characteristics contains CRISPR-Cas and type VI secretion modules. <b>2016</b> , 6, 36891	28
1293	Candidate egg case silk genes for the spider <i>Argiope argentata</i> from differential gene expression analyses. <b>2016</b> , 25, 757-768	9
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1291	Multi-marker metabarcoding of coral skeletons reveals a rich microbiome and diverse evolutionary origins of endolithic algae. <b>2016</b> , 6, 31508	65
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1190	Geographical distance and barriers explain population genetic patterns in an endangered island perennial. <b>2016</b> , 8,	13
1189	Use of DNA barcoding to distinguish the malaria vector <i>Anopheles neivai</i> in Colombia. <b>2016</b> , 4175, 377-389	7
1188	SNPs across time and space: population genomic signatures of founder events and epizootics in the House Finch (). <b>2016</b> , 6, 7475-7489	29
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1186	Identification of novel alleles from wild barley for the improvement of alpha-amylase and related malt quality traits. <b>2016</b> , 135, 663-670	3
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1184	An Evolutionary Framework for Carpel Developmental Control Genes. <b>2017</b> , 34, 330-348	13
1183	<i>Viola woosanensis</i> , a recurrent spontaneous hybrid between <i>V. ulleungdoensis</i> and <i>V. chaerophylloides</i> (Violaceae) endemic to Ulleung Island, Korea. <b>2016</b> , 129, 807-822	7
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1179	Resolving phylogenetic relationships and species delimitations in closely related gymnosperms using high-throughput NGS, Sanger sequencing and morphology. <b>2016</b> , 302, 1345-1365	18
1178	Insulin as a weapon. <b>2016</b> , 123, 56-61	13
1177	Global monocot diversification: geography explains variation in species richness better than environment or biology. <b>2016</b> ,	3
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1174	Complete and Closed Genome Sequences of 10 <i>Salmonella enterica</i> subsp. <i>enterica</i> Serovar Anatum Isolates from Human and Bovine Sources. <b>2016</b> , 4,	2
1173	Imported anthropogenic bacteria may survive the Antarctic winter and introduce new genes into local bacterial communities. <b>2016</b> , 37, 89-104	2
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1169	Diversity and Evolution of Disease Resistance Genes in Barley ( <i>Hordeum vulgare</i> L.). <b>2016</b> , 12, 99-108	19
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1164	Assessing the feasibility of fly based surveillance of wildlife infectious diseases. <b>2016</b> , 6, 37952	11
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1161	Draft Genome Sequence of the Chloroperoxidase-Producing Fungus <i>Caldariomyces fumago</i> Woronichin DSM1256. <b>2016</b> , 4,	7
1160	Contribution of type W human endogenous retroviruses to the human genome: characterization of HERV-W proviral insertions and processed pseudogenes. <b>2016</b> , 13, 67	44
1159	New observations of the enigmatic West African <i>Cellana</i> limpet (Mollusca: Gastropoda: Nacellidae). <b>2016</b> , 9,	1
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1152	Mitochondrial genomes of the freshwater sponges and. <b>2016</b> , 1, 250-251	4
1151	Analysis of complete mitochondrial genome of (Latreille, 1818) (Decapoda, Ocypodidae). <b>2016</b> , 1, 363-364	5
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1148	Sequence and organization of the complete mitochondrial genome of the blackfly (Diptera: Simuliidae). <b>2016</b> , 1, 799-801	2
1147	Complete plastome sequence of <i>L.</i> (Myrtaceae). <b>2016</b> , 1, 612-614	2
1146	The complete chloroplast genome of <i>Koidz.</i> (Ranunculaceae), an endangered endemic species in Korea. <b>2016</b> , 1, 688-689	4
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1144	The complete mitochondrial genome of the marine polychaete: (Phyllodocida, Nereididae). <b>2016</b> , 1, 822-823	7
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1137	Conservation genetics of the broadstripe shiner, <i>Pteronotropis euryzonus</i> , an endemic species of the middle Chattahoochee River. <b>2016</b> , 26, 429-444	2
1136	Target gene enrichment in the cyclophyllidean cestodes, the most diverse group of tapeworms. <b>2016</b> , 16, 1095-106	22
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1134	Is specialization an evolutionary dead end? Testing for differences in speciation, extinction and trait transition rates across diverse phylogenies of specialists and generalists. <b>2016</b> , 29, 1257-67	53
1133	Multigene analyses resolve early diverging lineages in the Rhodymeniophycidae (Florideophyceae, Rhodophyta). <b>2016</b> , 52, 505-22	7
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1131	The forgotten type specimen of the grey seal [ <i>Halichoerus grypus</i> (Fabricius, 1791)] from the island of Amager, Denmark. <b>2016</b> , 178, 713-720	5
1130	Draft Genome Sequence of <i>Pyrodictium occultum</i> PL19T, a Marine Hyperthermophilic Species of Archaea That Grows Optimally at 105°C. <b>2016</b> , 4,	1
1129	Complete Genome Sequence of <i>Staphylococcus aureus</i> MCRF184, a Necrotizing Fasciitis-Causing Methicillin-Sensitive Sequence Type 45 <i>Staphylococcus</i> Strain. <b>2016</b> , 4,	5
1128	Complete Genome Sequences of the Obligate Symbionts " <i>Candidatus Sulcia muelleri</i> " and " <i>Ca. Nasuia deltocephalinicola</i> " from the Pestiferous Leafhopper <i>Macrosteles quadripunctulatus</i> (Hemiptera: Cicadellidae). <b>2016</b> , 4,	22
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1126	Mitochondrial Genome Sequence of the Galápagos Endemic Land Snail <i>Naesiotus nux</i> . <b>2016</b> , 4,	5
1125	Gut Content Analysis of a Phloem-Feeding Insect, <i>Bactericera cockerelli</i> (Hemiptera: Triozidae). <b>2016</b> , 45, 938-44	15
1124	Gut content analysis of arthropod predators of codling moth in Washington apple orchards. <b>2016</b> , 102, 85-92	18
1123	Unraveling the biogeographic origins of the Eurasian watermilfoil ( <i>Myriophyllum spicatum</i> ) invasion in North America. <b>2016</b> , 103, 709-18	16
1122	Insights into the transcriptional and translational mechanisms of linear organellar chromosomes in the box jellyfish <i>Alatina alata</i> (Cnidaria: Medusozoa: Cubozoa). <b>2016</b> , 13, 799-809	3
1121	Phylogeny of deepwater snappers (Genus <i>Etelis</i> ) reveals a cryptic species pair in the Indo-Pacific and Pleistocene invasion of the Atlantic. <b>2016</b> , 100, 361-371	22
1120	Structural Basis of the Recruitment of Ubiquitin-specific Protease USP15 by Spliceosome Recycling Factor SART3. <b>2016</b> , 291, 17283-92	20
1119	Vaccine-Elicited Mucosal and Systemic Antibody Responses Are Associated with Reduced Simian Immunodeficiency Viremia in Infant Rhesus Macaques. <b>2016</b> , 90, 7285-7302	24
1118	The evolution of scale sensilla in the transition from land to sea in elapid snakes. <b>2016</b> , 6,	21
1117	Phylogenetic relationships and protein modelling revealed two distinct subfamilies of group II HKT genes between crop and model grasses. <b>2016</b> , 59, 509-17	4
1116	Duplication and Diversification of Dipteran Argonaute Genes, and the Evolutionary Divergence of Piwi and Aubergine. <b>2016</b> , 8, 507-18	71
1115	Evolutionary Conservation of a GPCR-Independent Mechanism of Trimeric G Protein Activation. <b>2016</b> , 33, 820-37	22
1114	Biosynthesis and Function of Modified Bases in Bacteria and Their Viruses. <b>2016</b> , 116, 12655-12687	90
1113	Mitochondrial genomes of the South American electric knifefishes (Order Gymnotiformes). <b>2016</b> , 1, 401-403	6
1112	The complete mitochondrial genome of Kuhl's pipistrelle, (Chiroptera: Vespertilionidae). <b>2016</b> , 1, 423-424	2
1111	Natural Competence of <i>Xylella fastidiosa</i> Occurs at a High Frequency Inside Microfluidic Chambers Mimicking the Bacterium's Natural Habitats. <b>2016</b> , 82, 5269-77	12
1110	Range expansion and molecular confirmation of the Asian fish tapeworm in the lower Great Lakes and St. Lawrence River with notes on infections in baitfish. <b>2016</b> , 42, 819-828	5
1109	HIV-1 antibody 3BNC117 suppresses viral rebound in humans during treatment interruption. <b>2016</b> , 535, 556-60	298

1108	Unraveling the biogeographical history of Chrysobalanaceae from plastid genomes. <b>2016</b> , 103, 1089-102	16
1107	Revision of section Setacea of the genus <i>Batrachospermum</i> (Batrachospermales, Rhodophyta) with emphasis on specimens from Brazil. <b>2016</b> , 55, 337-346	20
1106	Suppressed recombination and unique candidate genes in the divergent haplotype encoding <i>Fhb1</i> , a major <i>Fusarium</i> head blight resistance locus in wheat. <b>2016</b> , 129, 1607-23	69
1105	Interrogating Genes That Mediate <i>Chlamydia trachomatis</i> Survival in Cell Culture Using Conditional Mutants and Recombination. <b>2016</b> , 198, 2131-9	20
1104	<i>Cryptosporidium</i> and <i>Giardia</i> taxa in faecal samples from animals in catchments supplying the city of Melbourne with drinking water (2011 to 2015). <b>2016</b> , 9, 315	39
1103	Origin of <i>Chrysanthemum</i> cultivars [Evidence from nuclear low-copy <i>LFY</i> gene sequences. <b>2016</b> , 65, 129-136	11
1102	Combined sequence and sequence-structure based methods for analyzing <i>FGF23</i> , <i>CYP24A1</i> and <i>VDR</i> genes. <b>2016</b> , 9, 26-36	5
1101	Biological Nitrogen Fixation and Beneficial Plant-Microbe Interaction. <b>2016</b> ,	1
1100	Refinement of the canine <i>CD1</i> locus topology and investigation of antibody binding to recombinant canine <i>CD1</i> isoforms. <b>2016</b> , 68, 191-204	7
1099	Identifying <i>FATB1a</i> deletion that causes reduced palmitic acid content in soybean N87-2122-4 to develop a functional marker for marker-assisted selection. <b>2016</b> , 36, 1	9
1098	ANTICALIGN: visualizing, editing and analyzing combined nucleotide and amino acid sequence alignments for combinatorial protein engineering. <b>2016</b> , 29, 263-70	4
1097	Aquaporin family genes exhibit developmentally-regulated and host-dependent transcription patterns in the sea louse <i>Caligus rogercresseyi</i> . <b>2016</b> , 585, 119-127	4
1096	Antibodies to $\beta$ chain of collagen IV are pathogenic in Goodpasture's disease. <b>2016</b> , 70, 1-11	14
1095	Paralogues of nuclear ribosomal genes conceal phylogenetic signals within the invasive Asian fish tapeworm lineage: evidence from next generation sequencing data. <b>2016</b> , 46, 555-62	18
1094	Food safety: Structure and expression of the asparagine synthetase gene family of wheat. <b>2016</b> , 68, 122-131	37
1093	Rev-RRE Functional Activity Differs Substantially Among Primary HIV-1 Isolates. <b>2016</b> , 32, 923-34	16
1092	A comprehensive survey of larval digenean trematodes and their snail hosts in central Alberta, Canada. <b>2016</b> , 115, 3867-80	42
1091	Characterization of the complete chloroplast genome of <i>Idesia polycarpa</i> . <b>2016</b> , 8, 271-273	2

1090	Characteristics, tissue-specific expression, and hormonal regulation of expression of tyrosine aminotransferase in the avian female reproductive tract. <b>2016</b> , 57, 10-20	6
1089	Molecular phylogeny and taxonomy of Lagenidium-like oomycetes pathogenic to mammals. <b>2016</b> , 120, 931-947	20
1088	ABC-B transporter genes in <i>Dirofilaria immitis</i> . <b>2016</b> , 6, 116-24	12
1087	The complete chloroplast genome sequence of <i>Abies nephrolepis</i> (Pinaceae: Abietoideae). <b>2016</b> , 9, 245-249	10
1086	A predicted T4 secretion system and conserved DNA-repeats identified in a subset of related <i>Arthrobacter</i> plasmids. <b>2016</b> , 191, 32-7	4
1085	Prevalence of <i>Cryptosporidium</i> and <i>Giardia</i> in the water resources of the Kuang River catchment, Northern Thailand. <b>2016</b> , 562, 701-713	20
1084	Molecular phylogeny and species delimitation within the ciliate genus <i>Spirostomum</i> (Ciliophora, Postciliodesmatophora, Heterotrichea), using the internal transcribed spacer region. <b>2016</b> , 102, 128-44	31
1083	Untangling a species complex of arid zone grasses ( <i>Triodia</i> ) reveals patterns congruent with co-occurring animals. <b>2016</b> , 101, 142-162	16
1082	Molecular phylogenetics of the Neotropical fish family Prochilodontidae (Teleostei: Characiformes). <b>2016</b> , 102, 189-201	29
1081	Holding it together: rapid evolution and positive selection in the synaptonemal complex of <i>Drosophila</i> . <b>2016</b> , 16, 91	10
1080	The first genome sequence of a metatherian herpesvirus: Macropodid herpesvirus 1. <b>2016</b> , 17, 70	5
1079	A betabaculovirus encoding a gp64 homolog. <b>2016</b> , 17, 94	8
1078	A comparative gene analysis with rice identified orthologous group II HKT genes and their association with Na(+) concentration in bread wheat. <b>2016</b> , 16, 21	9
1077	Global genetic diversity of the <i>Plasmodium vivax</i> transmission-blocking vaccine candidate Pvs48/45. <b>2016</b> , 15, 202	12
1076	Visual programming for next-generation sequencing data analytics. <b>2016</b> , 9, 16	9
1075	Elaboration of bilateral symmetry across <i>Knautia macedonica</i> capitula related to changes in ventral petal expression of CYCLOIDEA-like genes. <b>2016</b> , 7, 8	16
1074	Mitochondrial metagenomics: letting the genes out of the bottle. <b>2016</b> , 5, 15	75
1073	Insights into the single cell draft genome of "Candidatus <i>Achromatium palustre</i> ". <b>2016</b> , 11, 28	6

1072	The first record of the African Sergeant, <i>Abudefduf hoefleri</i> (Perciformes: Pomacentridae), in the Mediterranean Sea. <b>2016</b> , 9,	11
1071	Bacterial diversity and tetrodotoxin analysis in the viscera of the gastropods from Portuguese coast. <b>2016</b> , 119, 186-93	12
1070	Evidence for common horizontal transmission of <i>Wolbachia</i> among butterflies and moths. <b>2016</b> , 16, 118	68
1069	Symbiotic and Agronomic Characterization of Bradyrhizobial Strains Nodulating Cowpea in Northern Peru. <b>2016</b> , 195-212	2
1068	Evidence from two independent backcross experiments supports genetic linkage of microsatellite Hcms8a20, but not other candidate loci, to a major ivermectin resistance locus in <i>Haemonchus contortus</i> . <b>2016</b> , 46, 653-61	20
1067	Prediction of conserved long-range RNA-RNA interactions in full viral genomes. <i>Bioinformatics</i> , <b>2016</b> , 32, 2928-35	7.2 11
1066	The Pangenome of the <i>Anticarsia gemmatalis</i> Multiple Nucleopolyhedrovirus (AgMNPV). <b>2015</b> , 8, 94-108	20
1065	Diverse Ecological Strategies Are Encoded by <i>Streptococcus pneumoniae</i> Bacteriocin-Like Peptides. <b>2016</b> , 8, 1072-90	23
1064	Plastid-Nuclear Interaction and Accelerated Coevolution in Plastid Ribosomal Genes in Geraniaceae. <b>2016</b> , 8, 1824-38	51
1063	Adaptation by Deletogenic Replication Slippage in a Nascent Symbiont. <b>2016</b> , 33, 1957-66	15
1062	Genetic variation of the prion protein gene (PRNP) in alpaca ( <i>Vicugna pacos</i> ). <b>2016</b> , 4, 213-217	1
1061	A longitudinal genetic survey identifies temporal shifts in the population structure of Dutch house sparrows. <b>2016</b> , 117, 259-67	6
1060	Tick-borne bacterial pathogens in southwestern Finland. <b>2016</b> , 9, 168	41
1059	A PCR assay detects a male-specific duplicated copy of Anti-Müllerian hormone (amh) in the lingcod ( <i>Ophiodon elongatus</i> ). <b>2016</b> , 9, 230	16
1058	Isolation of Madre de Dios Virus (Orthobunyavirus; Bunyaviridae), an Oropouche Virus Species Reassortant, from a Monkey in Venezuela. <b>2016</b> , 95, 328-38	29
1057	Testing the monophyly of <i>Aesculus</i> L. and <i>Billia</i> Peyr., woody genera of tribe Hippocastaneae of the Sapindaceae. <b>2016</b> , 102, 145-51	11
1056	Using registries to integrate bioinformatics tools and services into workbench environments. <b>2016</b> , 18, 581-586	4
1055	CD5 expression is regulated during human T-cell activation by alternative polyadenylation, PTBP1, and miR-204. <b>2016</b> , 46, 1490-503	17

1054	Whole Genome Sequence Analysis of Pig Respiratory Bacterial Pathogens with Elevated Minimum Inhibitory Concentrations for Macrolides. <b>2016</b> , 22, 531-537	8
1053	Evolutionary implications of mitochondrial genetic variation: mitochondrial genetic effects on OXPPOS respiration and mitochondrial quantity change with age and sex in fruit flies. <b>2016</b> , 29, 736-47	37
1052	Application of multigene phylogenetics and site-stripping to resolve intraordinal relationships in the Rhodymeniales (Rhodophyta). <b>2016</b> , 52, 339-55	10
1051	Fifteen novel universal primer pairs for sequencing whole chloroplast genomes and a primer pair for nuclear ribosomal DNAs. <b>2016</b> , 54, 219-227	30
1050	Detection of a Novel Bovine Astrovirus in a Cow with Encephalitis. <b>2016</b> , 63, 253-9	52
1049	Diversification, evolution and methylation of short interspersed nuclear element families in sugar beet and related Amaranthaceae species. <b>2016</b> , 85, 229-44	23
1048	Short interspersed nuclear elements (SINEs) are abundant in Solanaceae and have a family-specific impact on gene structure and genome organization. <b>2016</b> , 86, 268-85	21
1047	Phylogenetic relationships within the superfamily Desmodoroidea (Nematoda: Desmodorida), with descriptions of two new and one known species. <b>2016</b> , 176, 511-536	6
1046	Phylogeny and taxonomic reassessment of pikas <i>Ochotona pallasii</i> and <i>O. argentata</i> (Mammalia, Lagomorpha). <b>2016</b> , 45, 583-594	3
1045	Complete Genome Sequences of Eight Human Papillomavirus Type 16 Asian American and European Variant Isolates from Cervical Biopsies and Lesions in Indian Women. <b>2016</b> , 4,	4
1044	Complete Genome Sequences of Seven <i>Helicoverpa armigera</i> SNPV-AC53-Derived Strains. <b>2016</b> , 4,	2
1043	Genome Sequences of Eight <i>Aspergillus flavus</i> spp. and One <i>A. parasiticus</i> sp., Isolated from Peanut Seeds in Georgia. <b>2016</b> , 4,	23
1042	Draft Genome Assembly of a Filamentous Euendolithic (True Boring) Cyanobacterium, <i>Mastigocoleus testarum</i> Strain BC008. <b>2016</b> , 4,	2
1041	Complete Genome Sequences of Two Interactive Moderate Thermophiles, <i>Paenibacillus naphthalenovorans</i> 32O-Y and <i>Paenibacillus</i> sp. 32O-W. <b>2016</b> , 4,	4
1040	Contagious Ecthyma, Rangeliferine Brucellosis, and Lungworm Infection in a Muskox ( <i>Ovibos moschatus</i> ) from the Canadian Arctic, 2014. <b>2016</b> , 52, 719-24	22
1039	Rapid and recent diversification of curassows, guans, and chachalacas (Galliformes: Cracidae) out of Mesoamerica: Phylogeny inferred from mitochondrial, intron, and ultraconserved element sequences. <b>2016</b> , 102, 320-30	21
1038	Evaluation and validation of reference genes for qPCR analysis to study climate change-induced stresses in <i>Sinularia</i> cf. <i>cruciata</i> (Octocorallia: Alcyonidae). <b>2016</b> , 483, 42-52	1
1037	Parasite Cathepsin D-Like Peptidases and Their Relevance as Therapeutic Targets. <b>2016</b> , 32, 708-723	17



1036	The borage family (Boraginaceae s.str.): A revised infrafamilial classification based on new phylogenetic evidence, with emphasis on the placement of some enigmatic genera. <b>2016</b> , 65, 523-546	50
1035	Universal multiplexable matK primers for DNA barcoding of angiosperms. <b>2016</b> , 4, 1500137	16
1034	The Phormidolide Biosynthetic Gene Cluster: A trans-AT PKS Pathway Encoding a Toxic Macrocylic Polyketide. <b>2016</b> , 17, 164-73	29
1033	Influence of phosphine resistance genes on flight propensity and resource location in <i>Tribolium castaneum</i> (Herbst) (Coleoptera: Tenebrionidae): the landscape for selection. <b>2016</b> , 119, 348-358	13
1032	Recent selection for self-compatibility in a population of <i>Leavenworthia alabamica</i> . <b>2016</b> , 70, 1212-24	8
1031	The complete plastid genome sequence of <i>Abies koreana</i> (Pinaceae: Abietoideae). <b>2016</b> , 27, 2351-3	13
1030	Cytauxzoon Infections in Wild Felids from Carpathian-Danubian-Pontic Space: Further Evidence for a Different Cytauxzoon Species in European Felids. <b>2016</b> , 102, 377-80	18
1029	Morphological and Genetic Reappraisal of the Orius Fauna of the Western United States (Hemiptera: Heteroptera: Anthocoridae). <b>2016</b> , 109, 319-334	1
1028	Brevis plant1, a putative inositol polyphosphate 5-phosphatase, is required for internode elongation in maize. <b>2016</b> , 67, 1577-88	19
1027	Rubisco catalytic properties of wild and domesticated relatives provide scope for improving wheat photosynthesis. <b>2016</b> , 67, 1827-38	67
1026	Discovery and characterisation of a new insect-specific bunyavirus from <i>Culex</i> mosquitoes captured in northern Australia. <b>2016</b> , 489, 269-81	23
1025	Local admixture of amplified and diversified secreted pathogenesis determinants shapes mosaic <i>Toxoplasma gondii</i> genomes. <b>2016</b> , 7, 10147	151
1024	New Coffee Plant-Infecting <i>Xylella fastidiosa</i> Variants Derived via Homologous Recombination. <b>2015</b> , 82, 1556-68	43
1023	Behavior and population structure of <i>Anopheles darlingi</i> in Colombia. <b>2016</b> , 39, 64-73	13
1022	Origins of softshell turtles in Hawaii with implications for conservation. <b>2016</b> , 17, 207-220	1
1021	Oocyte mitochondrial deletions and heteroplasmy in a bovine model of ageing and ovarian stimulation. <b>2016</b> , 22, 261-71	15
1020	Mutation analysis of EGFR and its correlation with the HPV in Indian cervical cancer patients. <b>2016</b> , 37, 9089-98	19
1019	First report of <i>Cryptosporidium</i> species in farmed and wild buffalo from the Northern Territory, Australia. <b>2016</b> , 115, 1349-53	9

1018	Diversity of transcripts and transcript processing forms in plastids of the dinoflagellate alga <i>Karenia mikimotoi</i> . <b>2016</b> , 90, 233-47	17
1017	Genome Analysis of the Fruiting Body-Forming Myxobacterium <i>Chondromyces crocatus</i> Reveals High Potential for Natural Product Biosynthesis. <b>2016</b> , 82, 1945-1957	26
1016	Soil moisture and chemistry influence diversity of ectomycorrhizal fungal communities associating with willow along an hydrologic gradient. <b>2016</b> , 92,	45
1015	Mitochondrial DNA Variation in Southeastern Pre-Columbian Canids. <b>2016</b> , 107, 287-93	7
1014	Inactivation of C4orf26 in toothless placental mammals. <b>2016</b> , 95, 34-45	34
1013	The effects of the growth substrate on cultivable and total endophytic assemblages of <i>Arabidopsis thaliana</i> . <b>2016</b> , 405, 325-336	14
1012	Characterization of a Novel Composite Staphylococcal Cassette Chromosome mec in Methicillin-Resistant <i>Staphylococcus pseudintermedius</i> from Thailand. <b>2016</b> , 60, 1153-7	12
1011	Comprehensive Genomic Analyses of the OM43 Clade, Including a Novel Species from the Red Sea, Indicate Ecotype Differentiation among Marine Methyloproteobacteria. <b>2016</b> , 82, 1215-1226	20
1010	Laboratory-Acquired Infection with <i>Salmonella enterica</i> Serovar Typhimurium Exposed by Whole-Genome Sequencing. <b>2016</b> , 54, 190-3	12
1009	Suppression of the D-class MADS-box AGL11 gene triggers seedlessness in fleshy fruits. <b>2016</b> , 35, 239-54	34
1008	Phylogenomic analyses resolve an ancient trichotomy at the base of Ischyropsalidoidea (Arachnida, Opiliones) despite high levels of gene tree conflict and unequal minority resolution frequencies. <b>2016</b> , 95, 171-82	16
1007	A transgenic, visual screenable marker for soybean seeds. <b>2016</b> , 25, 187-93	1
1006	Comparison of environmental DNA metabarcoding and conventional fish survey methods in a river system. <b>2016</b> , 197, 131-138	143
1005	The phylogenetic position and diversity of the enigmatic mongrel frog <i>Nothophryne Poynton</i> , 1963 (Amphibia, Anura). <b>2016</b> , 99, 89-102	16
1004	Detecting and Characterizing the Highly Divergent Plastid Genome of the Nonphotosynthetic Parasitic Plant <i>Hydnora visseri</i> (Hydnoraceae). <b>2016</b> , 8, 345-63	58
1003	Characterizing the genetic diversity of the monkey malaria parasite <i>Plasmodium cynomolgi</i> . <b>2016</b> , 40, 243-252	11
1002	Phylogeny and population genetic structure of the ant genus <i>Acropyga</i> (Hymenoptera : Formicidae) in Papua New Guinea. <b>2016</b> , 30, 28	10
1001	Evolution of virulence in <i>Photorhabdus</i> spp., entomopathogenic nematode symbionts. <b>2016</b> , 39, 173-179	15

1000	Mammalian X homolog acts as sex chromosome in lacertid lizards. <b>2016</b> , 117, 8-13	29
999	Evolutionary distinctiveness of fatty acid and polyketide synthesis in eukaryotes. <b>2016</b> , 10, 1877-90	56
998	Whole-Genome Identification, Phylogeny, and Evolution of the Cytochrome P450 Family 2 (CYP2) Subfamilies in Birds. <b>2016</b> , 8, 1115-31	15
997	A short LSU rRNA fragment as a standard marker for integrative taxonomy in calcareous sponges (Porifera: Calcarea). <b>2016</b> , 16, 53-64	25
996	FaRXf1: a locus conferring resistance to angular leaf spot caused by <i>Xanthomonas fragariae</i> in octoploid strawberry. <b>2016</b> , 129, 1191-201	39
995	Integrated Cytogenetic and Mitochondrial DNA Analyses Indicate That Two Different Phenotypes of <i>Hypancistrus</i> (L066 and L333) Belong to the Same Species. <b>2016</b> , 13, 209-16	6
994	Integrative taxonomy of new firefly taxa from the Atlantic Rainforest. <b>2016</b> , 14, 371-384	20
993	Zika virus in the Americas: Early epidemiological and genetic findings. <b>2016</b> , 352, 345-349	703
992	A multilocus molecular phylogeny of Fasciolariidae (Neogastropoda: Buccinoidea). <b>2016</b> , 99, 309-322	13
991	Identification of novel Fgf enhancers and their role in dental evolution. <b>2016</b> , 18, 31-40	6
990	RIM15 antagonistic pleiotropy is responsible for differences in fermentation and stress response kinetics in budding yeast. <b>2016</b> , 16,	24
989	Measuring Cluster Stability in a Large Scale Phylogenetic Analysis of Functional Genes in Metagenomes Using pplacer. <b>2016</b> , 13, 341-9	1
988	Evolutionary History of the Global Emergence of the <i>Escherichia coli</i> Epidemic Clone ST131. <b>2016</b> , 7, e02162	200
987	Reduced genetic diversity and increased reproductive isolation follow population-level loss of larval dispersal in a marine gastropod. <b>2016</b> , 70, 18-37	14
986	An assessment of ancient DNA preservation in HolocenePleistocene fossil bone excavated from the world heritage Naracoorte Caves, South Australia. <b>2016</b> , 31, 33-45	10
985	Diversity and oceanic distribution of the Parmales (Bolidophyceae), a picoplanktonic group closely related to diatoms. <b>2016</b> , 10, 2419-34	40
984	The Eurasian invasion: phylogenomic data reveal multiple Southeast Asian origins for Indian Dragon Lizards. <b>2016</b> , 16, 43	31
983	Shaping species conservation strategies using mtDNA analysis: The case of the elusive Mediterranean monk seal ( <i>Monachus monachus</i> ). <b>2016</b> , 193, 71-79	16

982	Discovery of cahuitamycins as biofilm inhibitors derived from a convergent biosynthetic pathway. <b>2016</b> , 7, 10710	50
981	Evolutionary Relationships among Extinct and Extant Sloths: The Evidence of Mitogenomes and Retroviruses. <b>2016</b> , 8, 607-21	31
980	Contributions of Sinorhizobium meliloti Transcriptional Regulator DksA to Bacterial Growth and Efficient Symbiosis with Medicago sativa. <b>2016</b> , 198, 1374-83	10
979	Genetic population structure and low genetic diversity in the over-exploited sea cucumber <i>Holothuria edulis</i> Lesson, 1830 (Echinodermata: Holothuroidea) in Okinawa Island. <b>2016</b> , 17, 811-821	12
978	Design of a protocol for obtaining genomic DNA from saliva using mouthwash: Samples taken from patients with periodontal disease. <b>2016</b> , 6, 129-34	3
977	Isolation of a Novel Insect-Specific Flavivirus from <i>Culiseta melanura</i> in the Northeastern United States. <b>2016</b> , 16, 181-90	12
976	A novel method of microsatellite genotyping-by-sequencing using individual combinatorial barcoding. <b>2016</b> , 3, 150565	45
975	Interstitial telomeric sites and Robertsonian translocations in species of <i>Ipheion</i> and <i>Nothoscordum</i> (Amaryllidaceae). <b>2016</b> , 144, 157-66	12
974	Contrasting evolutionary histories of MHC class I and class II loci in grouse--effects of selection and gene conversion. <b>2016</b> , 116, 466-76	22
973	S1 gene-based phylogeny of infectious bronchitis virus: An attempt to harmonize virus classification. <b>2016</b> , 39, 349-364	198
972	Revisiting a Classic Study of the Molecular Clock. <b>2016</b> , 82, 110-6	1
971	Full Mitochondrial Genome Sequence of the Sugar Beet Wireworm <i>LimoniUS californicus</i> (Coleoptera: Elateridae), a Common Agricultural Pest. <b>2016</b> , 4,	5
970	Enzymatic breakage of dimethylsulfoniopropionate-a signature molecule for life at sea. <b>2016</b> , 31, 58-65	45
969	Gas exchange and leaf anatomy of a C3-CAM hybrid, <i>Yucca gloriosa</i> (Asparagaceae). <b>2016</b> , 67, 1369-79	21
968	Bacteriophage Combinations Significantly Reduce <i>Clostridium difficile</i> Growth In Vitro and Proliferation In Vivo. <b>2016</b> , 60, 968-81	115
967	Phylogeny of the Cecropieae (Urticaceae) and the Evolution of an Ant-Plant Mutualism. <b>2016</b> , 41, 56-66	15
966	Dating of the Limnadiidae family suggests an American origin of <i>Eulimnadia</i> . <b>2016</b> , 773, 149-161	6
965	The genome of an <i>Encephalitozoon cuniculi</i> type III strain reveals insights into the genetic diversity and mode of reproduction of a ubiquitous vertebrate pathogen. <b>2016</b> , 116, 458-65	11

964	An Expanded Reverse Line Blot Hybridization Protocol for the Simultaneous Detection of Numerous Tick-Borne Pathogens in North America. <b>2016</b> , 53, 721-726	1
963	The arbuscular mycorrhizal fungi colonising roots and root nodules of New Zealand kauri <i>Agathis australis</i> . <b>2016</b> , 120, 807-17	19
962	Isolation and fine mapping of Rps6: an intermediate host resistance gene in barley to wheat stripe rust. <b>2016</b> , 129, 831-843	30
961	New deep-sea species of <i>Xenoturbella</i> and the position of Xenacoelomorpha. <b>2016</b> , 530, 94-7	89
960	Morphological and molecular description of <i>Tenuisentis niloticus</i> (Meyer, 1932) (Acanthocephala: Tenuisentidae) from <i>Heterotis niloticus</i> (Cuvier) (Actinopterygii: Arapaimidae), in Burkina Faso, with emendation of the family diagnosis and notes on new features, cryptic genetic diversity and histopathology. <b>2016</b> , 93, 173-91	10
959	Development of microsatellite markers and a preliminary assessment of population structuring in the rice weevil, <i>Sitophilus oryzae</i> (L.). <b>2016</b> , 66, 12-17	9
958	Generation of a molecular clone of an attenuated lentivirus, a first step in understanding cytopathogenicity and virulence. <b>2016</b> , 487, 50-8	5
957	Group A <i>Streptococcus emm3</i> strains induce early macrophage cell death. <b>2016</b> , 74,	1
956	Mode and tempo of sequence and floral evolution within the Anserineae. <b>2016</b> , 302, 385-398	1
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954	A Rose by any Other Name: Systematics and Diversity in the Chilean Giant Barnacle <i>Austromegabalanus Psittacus</i> () (Cirripedia). <b>2016</b> , 36, 180-188	2
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952	The complete mitochondrial genome of <i>Crassostrea gasar</i> (Bivalvia: Ostreidae). <b>2016</b> , 27, 2939-40	3
951	A novel molecular method for noninvasive sex identification of order Carnivora. <b>2016</b> , 8, 119-121	6
950	Mycocerosic acid synthase exemplifies the architecture of reducing polyketide synthases. <b>2016</b> , 531, 533-7	52
949	A global perspective on Campanulaceae: Biogeographic, genomic, and floral evolution. <b>2016</b> , 103, 233-45	26
948	<i>Clitopilus reticulosporus</i> , a new species with unique spore ornamentation, its phylogenetic affinities and implications on the spore evolution theory. <b>2016</b> , 15, 1	6
947	Mitogenomics of 'Old World <i>Acraea</i> ' butterflies reveals a highly divergent 'Bematistes'. <b>2016</b> , 97, 233-241	12

946	Mutagenesis and Functional Analysis of the Bacterial Arginine Glycosyltransferase Effector NleB1 from Enteropathogenic Escherichia coli. <b>2016</b> , 84, 1346-1360	18
945	Parasitoids, Hyperparasitoids, and Inquilines Associated With the Sexual and Asexual Generations of the Gall Former, <i>Belonocnema treatae</i> (Hymenoptera: Cynipidae). <b>2016</b> , 109, 49-63	22
944	Phylogenetic analysis of human influenza A/H3N2 viruses isolated in 2015 in Germany indicates significant genetic divergence from vaccine strains. <b>2016</b> , 161, 1505-15	12
943	Genomic organization of the zebrafish ( <i>Danio rerio</i> ) T cell receptor alpha/delta locus and analysis of expressed products. <b>2016</b> , 68, 365-79	13
942	Characterisation of 12 microsatellite loci in the Vietnamese commercial clam <i>Lutraria rhynchaena</i> Jonas 1844 (Heterodonta: Bivalvia: Mactridae) through next-generation sequencing. <b>2016</b> , 43, 391-6	5
941	Characterization of new allele influencing flowering time in bread wheat introgressed from <i>Triticum militinae</i> . <b>2016</b> , 33, 718-727	8
940	Evaluation of growth, metabolism and production of potentially bioactive components during fermentation of barley with <i>Lactobacillus reuteri</i> . <b>2016</b> , 57, 159-71	23
939	Plant Host Species and Geographic Distance Affect the Structure of Aboveground Fungal Symbiont Communities, and Environmental Filtering Affects Belowground Communities in a Coastal Dune Ecosystem. <b>2016</b> , 71, 912-26	55
938	Coccidian parasites of fish encompass profound phylogenetic diversity and gave rise to each of the major parasitic groups in terrestrial vertebrates. <b>2016</b> , 40, 219-227	16
937	Acidianus Tailed Spindle Virus: a New Archaeal Large Tailed Spindle Virus Discovered by Culture-Independent Methods. <b>2016</b> , 90, 3458-68	23
936	Systematic revision of the pocket gopher genus <i>Orthogeomys</i> . <b>2016</b> , 97, 405-423	2
935	Chilenopeptins A and B, Peptaibols from the Chilean <i>Sepedonium</i> aff. <i>chalcipori</i> KSH 883. <b>2016</b> , 79, 929-38	21
934	Two new isoforms of the human hepatoma-derived growth factor interact with components of the cytoskeleton. <b>2016</b> , 397, 417-36	3
933	Phylogenetic relationships within the cosmopolitan buckthorn family (Rhamnaceae) support the resurrection of <i>Sarcomphalus</i> and the description of <i>Pseudoziziphus</i> gen. nov.. <b>2016</b> , 65, 47-64	31
932	Analysis of the cosmopolitan buckthorn genera <i>Frangula</i> and <i>Rhamnus</i> s.l. supports the description of a new genus, <i>Ventia</i> . <b>2016</b> , 65, 65-78	9
931	Phylogeny and biogeography of the most diverse clade of South American gymnophthalmid lizards (Squamata, Gymnophthalmidae, Cercosaurinae). <b>2016</b> , 99, 63-75	24
930	Mosaic Activating Mutations in FGFR1 Cause Encephalocraniocutaneous Lipomatosis. <b>2016</b> , 98, 579-587	60
929	Transcripts levels of Phytoene synthase 1 ( <i>Psy-1</i> ) are associated to semolina yellowness variation in durum wheat ( <i>Triticum turgidum</i> L. ssp. <i>durum</i> ). <b>2016</b> , 68, 155-163	4

928	MAT--gene structure and mating behavior of <i>Hymenoscyphus fraxineus</i> and <i>Hymenoscyphus albidus</i> . <b>2016</b> , 87, 54-63	19
927	The Antarctic Circumpolar Current as a diversification trigger for deep-sea octocorals. <b>2016</b> , 16, 2	23
926	Genetic diversity of <i>Parides ascanius</i> (Lepidoptera: Papilionidae: Troidini): implications for the conservation of Brazil's most iconic endangered invertebrate species. <b>2016</b> , 17, 533-546	7
925	Identification of the first insulin-like peptide in the disease vector <i>Rhodnius prolixus</i> : Involvement in metabolic homeostasis of lipids and carbohydrates. <b>2016</b> , 70, 148-59	28
924	Trends on the Karyotype Acrocentrization Within Carangidae (Perciformes): A New Phylogenetic Evidence About a Traditional Marine Paradigm. <b>2016</b> , 13, 45-53	2
923	The Bacteriome of Bat Flies (Nycteribiidae) from the Malagasy Region: a Community Shaped by Host Ecology, Bacterial Transmission Mode, and Host-Vector Specificity. <b>2016</b> , 82, 1778-88	39
922	Molecular Characterization of Nonhemolytic and Nonpigmented Group B Streptococci Responsible for Human Invasive Infections. <b>2016</b> , 54, 75-82	23
921	Molecular systematics of the freshwater stingrays (myliobatiformes: potamotrygonidae) of the Amazon, Orinoco, Magdalena, Esequibo, Caribbean, and Maracaibo basins (Colombia - Venezuela): evidence from three mitochondrial genes. <b>2016</b> , 27, 4479-4491	8
920	Molecular detection and identification of <i>Leishmania</i> spp. in naturally infected <i>Phlebotomus tobbi</i> and <i>Sergentomyia dentata</i> in a focus of human and canine leishmaniasis in western Turkey. <b>2016</b> , 155, 89-94	20
919	High-fidelity CRISPR-Cas9 nucleases with no detectable genome-wide off-target effects. <b>2016</b> , 529, 490-5	1600
918	Historical population size of the threatened New Zealand sea lion <i>Phocarctos hookeri</i> . <b>2016</b> , 97, 436-443	7
917	Molecular data support the existence of two species of the Antarctic fish genus <i>Cryodraco</i> (Channichthyidae). <b>2016</b> , 39, 1369-1379	8
916	Genetic Diversity of <i>Clostridium sporogenes</i> PA 3679 Isolates Obtained from Different Sources as Resolved by Pulsed-Field Gel Electrophoresis and High-Throughput Sequencing. <b>2016</b> , 82, 384-93	15
915	Complete mitochondrial genome sequence of the pelagic chaetognath, <i>sagitta ferox</i> . <b>2016</b> , 27, 4699-4700	3
914	Application of quantitative PCR assays for diagnosing <i>Ikeda</i> and other <i>Theileria orientalis</i> types to examine associations between severity of anaemia and parasitaemia in bovine anaemia outbreaks. <b>2016</b> , 64, 60-4	6
913	The complete mitogenomes of <i>Calameuta filiformis</i> (Eversmann, 1847) and <i>Calameuta idolon</i> (Rossi, 1794) (Hymenoptera: Cephidae): The remarkable features of the elongated A+T rich region in Cephini. <b>2016</b> , 576, 404-11	17
912	Shotgun Mitogenomics Provides a Reference Phylogenetic Framework and Timescale for Living Xenarthrans. <b>2016</b> , 33, 621-42	105
911	A synthetic lethal approach for compound and target identification in <i>Staphylococcus aureus</i> . <b>2016</b> , 12, 40-5	48



910	Bucking the trend: genetic analysis reveals high diversity, large population size and low differentiation in a deep ocean cetacean. <b>2016</b> , 116, 277-85	13
909	Divergence times, historical biogeography, and shifts in speciation rates of Myrtales. <b>2016</b> , 95, 116-36	92
908	Mitochondrial DNA variants help monitor the dynamics of Wolbachia invasion into host populations. <b>2016</b> , 116, 265-76	20
907	The complete plastid genome sequence of <i>Picea jezoensis</i> (Pinaceae: Piceoideae). <b>2016</b> , 27, 3761-3	6
906	Intraspecific Variation in Microbial Symbiont Communities of the Sun Sponge, <i>Hymeniacidon heliophila</i> , from Intertidal and Subtidal Habitats. <b>2016</b> , 82, 650-8	39
905	Generic reclassification and species boundaries in the rediscovered freshwater mussel <i>Quadrula mitchelli</i> (Simpson in Dall, 1896). <b>2016</b> , 17, 279-292	29
904	Activity and interactions of methane seep microorganisms assessed by parallel transcription and FISH-NanoSIMS analyses. <b>2016</b> , 10, 678-92	39
903	Sequence characterization and phylogeny analysis of the complete mitochondrial genome of verreaux's sifaka, <i>Propithecus verreauxi</i> (primates: indriidae). <b>2016</b> , 27, 4431-4432	
902	Diversity of <i>Pseudomonas</i> Genomes, Including <i>Populus</i> -Associated Isolates, as Revealed by Comparative Genome Analysis. <b>2016</b> , 82, 375-83	50
901	Molecular phylogeny of the Neotropical fish genus <i>Tetragonopterus</i> (Teleostei: Characiformes: Characidae). <b>2016</b> , 94, 709-717	10
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899	The complete chloroplast genome of <i>Ostrya rehderiana</i> . <b>2016</b> , 27, 4536-4537	4
898	Phylogeny of the island archipelago frog genus <i>Sanguirana</i> : Another endemic Philippine radiation that diversified 'Out-of-Palawan'. <b>2016</b> , 94, 531-536	20
897	Conserved S-Layer-Associated Proteins Revealed by Exoproteomic Survey of S-Layer-Forming Lactobacilli. <b>2016</b> , 82, 134-45	41
896	The isolation and characterization of actinobacteria from dominant benthic macroinvertebrates endemic to Lake Baikal. <b>2016</b> , 61, 159-68	10
895	The whole chloroplast genomes of two <i>Eutrema</i> species (Brassicaceae). <b>2016</b> , 27, 3727-8	1
894	Origin of the hungry caterpillar: Evolution of fasting in slug moths (Insecta: Lepidoptera: Limacodidae). <b>2016</b> , 94, 827-832	9
893	Deep Sequencing Analysis of Human T Cell Lymphotropic Virus Type 1 Long Terminal Repeat 5' Region from Patients with Tropical Spastic Paraparesis/Human T Cell Lymphotropic Virus Type 1-Associated Myelopathy and Asymptomatic Carriers. <b>2016</b> , 32, 279-83	3

892	Complete plastid genome of <i>Astragalus mongholicus</i> var. <i>nakaianus</i> (Fabaceae). <b>2016</b> , 27, 2838-9	5
891	Mitochondrial genome sequences of landsnails <i>Aegista diversifamilia</i> and <i>Dolicheulota formosensis</i> (Gastropoda: Pulmonata: Stylommatophora). <b>2016</b> , 27, 2793-5	9
890	The complete chloroplast genome of <i>Schrenkiella parvula</i> (Brassicaceae). <b>2016</b> , 27, 3527-8	3
889	The complete plastid genome of <i>Piper kadsura</i> (Piperaceae), an East Asian woody vine. <b>2016</b> , 27, 3555-6	7
888	The complete chloroplast genome sequence of <i>Alocasia macrorrhizos</i> . <b>2016</b> , 27, 3464-5	2
887	The complete chloroplast genome sequence of <i>Spathiphyllum kochii</i> . <b>2016</b> , 27, 2973-4	6
886	The complete chloroplast genome of salt cress ( <i>Eutrema salsugineum</i> ). <b>2016</b> , 27, 2862-3	7
885	Mitochondrial genomes of the jungle crow <i>Corvus macrorhynchos</i> (Passeriformes: Corvidae) from shed feathers and a phylogenetic analysis of genus <i>Corvus</i> using mitochondrial protein-coding genes. <b>2016</b> , 27, 2668-70	4
884	The complete chloroplast genome sequence of <i>Dieffenbachia seguine</i> (Araceae). <b>2016</b> , 27, 2913-4	4
883	The complete chloroplast genome sequence of medicinal plant <i>Pinellia ternata</i> . <b>2016</b> , 27, 2921-2	1
882	Complete mitochondrial genomes for <i>Icelus spatula</i> , <i>Aspidophoroides olrikii</i> and <i>Leptoclinus maculatus</i> : pan-Arctic marine fishes from Canadian waters. <b>2016</b> , 27, 2982-3	7
881	Museomics illuminate the history of an extinct, paleoendemic plant lineage ( <i>Hesperelaea</i> , Oleaceae) known from an 1875 collection from Guadalupe Island, Mexico. <b>2016</b> , 117, 44-57	44
880	Sequence and organization of the complete mitochondrial genome of the marsh tit <i>Poecile palustris</i> (Aves: Paridae). <b>2016</b> , 27, 3212-3	2
879	The complete plastid genome sequence of <i>Eustrephus latifolius</i> (Asparagaceae: Lomandroideae). <b>2016</b> , 27, 1549-51	3
878	Mitochondrial genome of <i>Hylaeus dilatatus</i> (Hymenoptera: Colletidae). <b>2016</b> , 27, 3975-3976	8
877	The mitochondrial genome of the Arizona Snowfly <i>Mesocapnia arizonensis</i> (Plecoptera, Capniidae). <b>2016</b> , 27, 3365-6	10
876	The complete mitochondrial genome of <i>Dixella aestivalis</i> (Diptera: Nematocera: Dixidae). <b>2017</b> , 28, 83-84	1
875	The complete mitochondrial genome of the Greater Mouse-Eared bat, <i>Myotis myotis</i> (Chiroptera: Vespertilionidae). <b>2017</b> , 28, 347-349	5

874	The chloroplast genome of <i>Ephedra foeminea</i> (Ephedraceae, Gnetales), an entomophilous gymnosperm endemic to the Mediterranean area. <b>2017</b> , 28, 330-331	3
873	Using environmental (e)DNA sequencing for aquatic biodiversity surveys: a beginner's guide. <b>2017</b> , 68, 20	27
872	Characterization of mitochondrial genome of <i>Haemagogus janthinomys</i> (Diptera: Culicidae). <b>2017</b> , 28, 50-51	6
871	Protecting Free-Living Dormice: Molecular Identification of Cestode Parasites in Captive Dormice ( <i>Muscardinus avellanarius</i> ) Destined for Reintroduction. <b>2017</b> , 14, 106-116	4
870	A new, subalpine species of <i>Daphnia</i> (Cladocera, Anomopoda) in the <i>D. carinata</i> species complex, in the South Island, New Zealand. <b>2017</b> , 798, 151-169	4
869	Biology of a deep-water sea anemone (Anthozoa: Actiniidae) from eastern Canada: Spawning, development, and growth. <b>2017</b> , 137, 359-367	1
868	Complete mitochondrial genome of <i>Spiniphilus spinicornis</i> (Coleoptera: Vesperidae: Philinae) and phylogenetic analysis among Cerambycoidea. <b>2017</b> , 28, 145-146	2
867	Vkorc1 sequencing suggests anticoagulant resistance in rats in New Zealand. <b>2017</b> , 73, 262-266	14
866	Discriminating power of microsatellites in cranberry organelles for taxonomic studies in <i>Vaccinium</i> and <i>Ericaceae</i> . <b>2017</b> , 64, 451-466	11
865	Molecular identification of cryptic diversity in species of cis-Andean <i>Mylossoma</i> (Characiformes: Serrasalminae). <b>2017</b> , 28, 778-780	6
864	Mitochondrial D-loop sequences reveal a mixture of endemism and immigration in Egyptian goat populations. <b>2017</b> , 28, 711-716	6
863	The complete mitochondrial genome of the cryptic species C of <i>Aneura pinguis</i> . <b>2017</b> , 28, 112-113	6
862	The repetitive DNA element BncDNA, enriched in the B chromosome of the cichlid fish <i>Astatotilapia latifasciata</i> , transcribes a potentially noncoding RNA. <b>2017</b> , 126, 313-323	23
861	The Chloroplast Genome of <i>Euglena mutabilis</i> -Cluster Arrangement, Intron Analysis, and Intrageneric Trends. <b>2017</b> , 64, 31-44	11
860	A molecular phylogeny of marine amphipods in the herbivorous family Ampithoidae. <b>2017</b> , 46, 85-95	8
859	Resolving the taxonomic status of <i>Frankliniella schultzei</i> (Thysanoptera: Thripidae) colour forms in Kenya: a morphological-, biological-, molecular- and ecological-based approach. <b>2017</b> , 37, 57-70	8
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857	megasat: automated inference of microsatellite genotypes from sequence data. <b>2017</b> , 17, 247-256	48

856	An unusual strategy for the anoxic biodegradation of phthalate. <b>2017</b> , 11, 224-236	46
855	Genome Analysis of <i>Pseudoloma neurophilia</i> : A Microsporidian Parasite of Zebrafish ( <i>Danio rerio</i> ). <b>2017</b> , 64, 18-30	18
854	<i>Colletotrichum</i> species associated with chili anthracnose in Australia. <b>2017</b> , 66, 254-267	57
853	Molecular phylogeny of the hyperdiverse genus <i>Sarcophaga</i> (Diptera: Sarcophagidae), and comparison between algorithms for identification of rogue taxa. <b>2017</b> , 33, 109-133	21
852	Genetic characterization of the Asian clam species complex ( <i>Corbicula</i> ) invasion in the Iberian Peninsula. <b>2017</b> , 784, 349-365	10
851	Multilocus molecular identification and phylogenetic analysis of <i>Colletotrichum tamarilloi</i> as the causal agent of Tamarillo ( <i>Solanum betaceum</i> ) anthracnose in the Ecuadorian highlands. <b>2017</b> , 148, 983-996	6
850	Coexistence of potent HIV-1 broadly neutralizing antibodies and antibody-sensitive viruses in a viremic controller. <b>2017</b> , 9,	96
849	Effect of marker choice and thermal cycling protocol on zooplankton DNA metabarcoding studies. <b>2017</b> , 7, 873-883	88
848	The DC1-domain protein VACUOLELESS GAMETOPHYTES is essential for development of female and male gametophytes in <i>Arabidopsis</i> . <b>2017</b> , 90, 261-275	8
847	A new melanistic variant of the caterpillar hunter <i>Calosoma wilcoxi</i> LeConte, 1848 from Texas, United States of America and a preliminary phylogeny of the genus <i>Calosoma</i> Weber, 1801 (Coleoptera: Carabidae). <b>2017</b> , 149, 1-7	2
846	Historical biogeography and mitogenomics of two endemic Mediterranean gorgonians ( <i>Holaxonia</i> , <i>Plexauridae</i> ). <b>2017</b> , 17, 365-373	10
845	Comparative genomic analysis of wide and narrow host range strains of <i>Xanthomonas citri</i> subsp. <i>citri</i> , showing differences in the genetic content of their pathogenicity and virulence factors. <b>2017</b> , 46, 49-61	4
844	Zika virus disrupts molecular fingerprinting of human neurospheres. <b>2017</b> , 7, 40780	82
843	HTLV-1aA introduction into Brazil and its association with the trans-Atlantic slave trade. <b>2017</b> , 48, 95-101	6
842	Clarification of Photorespiratory Processes and the Role of Malic Enzyme in Diatoms. <b>2017</b> , 168, 134-153	20
841	A morphological and phylogenetic investigation into divergence among sympatric Australian southern bull kelps ( <i>Durvillaea potatorum</i> and <i>D. amatheiae</i> sp. nov.). <b>2017</b> , 107, 630-643	14
840	Myrteae phylogeny, calibration, biogeography and diversification patterns: Increased understanding in the most species rich tribe of Myrtaceae. <b>2017</b> , 109, 113-137	70
839	The First Isolation and Characterisation of the Protist <i>Labyrinthula</i> sp. in Southeastern Australia. <b>2017</b> , 64, 504-513	10

838	Sequence motifs associated with paternal transmission of mitochondrial DNA in the horse mussel, <i>Modiolus modiolus</i> (Bivalvia: Mytilidae). <b>2017</b> , 605, 32-42	11
837	Phylogenetic Origin and Diversification of RNAi Pathway Genes in Insects. <b>2016</b> , 8, 3784-3793	45
836	Evolution of copper resistance in the kiwifruit pathogen <i>Pseudomonas syringae</i> pv. <i>actinidiae</i> through acquisition of integrative conjugative elements and plasmids. <b>2017</b> , 19, 819-832	57
835	Recent sequence variation in probe binding site affected detection of respiratory syncytial virus group B by real-time RT-PCR. <b>2017</b> , 88, 21-25	31
834	Sensory active piperine analogues from <i>Macropiper excelsum</i> and their effects on intestinal nutrient uptake in Caco-2 cells. <b>2017</b> , 135, 181-190	6
833	Testing the contribution of individual genes in mitochondrial genomes for assessing phylogenetic relationships in Vetigastropoda. <b>2017</b> , 83, 123-128	10
832	Eggshell palaeogenomics: Palaeognath evolutionary history revealed through ancient nuclear and mitochondrial DNA from Madagascan elephant bird ( <i>Aepyornis</i> sp.) eggshell. <b>2017</b> , 109, 151-163	42
831	The dinoflagellate genera <i>Gambierdiscus</i> and <i>Ostreopsis</i> from subtropical Raoul Island and North Meyer Island, Kermadec Islands. <b>2017</b> , 51, 490-504	18
830	Advances in the systematics of the spider genus <i>Troglohyphantes</i> (Araneae, Linyphiidae). <b>2017</b> , 15, 307-326	12
829	Hospital surveillance of influenza strains: a concordant image of viruses identified by the Swiss Sentinel system?. <b>2017</b> , 11, 41-47	3
828	Discovery of <i>Streptococcus pneumoniae</i> serogroup 35 variants in Australian patients. <b>2017</b> , 23, 476-479	8
827	Historical relationships of three enigmatic phasianid genera (Aves: Galliformes) inferred using phylogenomic and mitogenomic data. <b>2017</b> , 109, 217-225	18
826	The Florida manatee ( <i>Trichechus manatus latirostris</i> ) immunoglobulin heavy chain suggests the importance of clan III variable segments in repertoire diversity. <b>2017</b> , 72, 57-68	7
825	The phylogenetic position of eriophyoid mites (superfamily Eriophyoidea) in Acariformes inferred from the sequences of mitochondrial genomes and nuclear small subunit (18S) rRNA gene. <b>2017</b> , 109, 271-282	39
824	Dynamic evolution of hepatitis C virus resistance-associated substitutions in the absence of antiviral treatment. <b>2017</b> , 7, 41719	11
823	The sense behind retroviral anti-sense transcription. <b>2017</b> , 14, 9	6
822	The genera <i>Melanothamnus</i> Bornet & Falkenberg and <i>Vertebrata</i> S.F. Gray constitute well-defined clades of the red algal tribe Polysiphonieae (Rhodomelaceae, Ceramiales). <b>2017</b> , 52, 1-30	39
821	Feeding-Related Traits Are Affected by Dosage of the foraging Gene in <i>Drosophila melanogaster</i> . <b>2017</b> , 205, 761-773	36

820	Characterisation of bacterial cellulose from diverse Komagataeibacter strains and their application to construct plant cell wall analogues. <b>2017</b> , 24, 1211-1226	17
819	Occurrence of <i>Octopus insularis</i> Leite and Haimovici, 2008 in the Tropical Northwestern Atlantic and implications of species misidentification to octopus fisheries management. <b>2017</b> , 47, 723-734	28
818	Phylogeography of the sergeants <i>Abudefduf sexfasciatus</i> and <i>A. vaigiensis</i> reveals complex introgression patterns between two widespread and sympatric Indo-West Pacific reef fishes. <b>2017</b> , 26, 2527-2542	11
817	Genome-wide analysis of starch metabolism genes in potato ( <i>Solanum tuberosum</i> L.). <b>2017</b> , 18, 37	56
816	Satellite DNA and Transposable Elements in Seabuckthorn ( <i>Hippophae rhamnoides</i> ), a Dioecious Plant with Small Y and Large X Chromosomes. <b>2017</b> , 9, 197-212	17
815	Using DNA barcoding to track seafood mislabeling in Los Angeles restaurants. <b>2017</b> , 31, 1076-1085	65
814	Mechanistic insights into type I toxin antitoxin systems in <i>Helicobacter pylori</i> : the importance of mRNA folding in controlling toxin expression. <b>2017</b> , 45, 4782-4795	32
813	The measure of success: geographic isolation promotes diversification in <i>Pachydactylus</i> geckos. <b>2017</b> , 17, 9	16
812	Cloning, heterologous expression and biochemical characterization of a non-specific endoglucanase family 12 from <i>Aspergillus terreus</i> NIH2624. <b>2017</b> , 1865, 395-403	27
811	Switch from sexual to parthenogenetic reproduction in a zebra shark. <b>2017</b> , 7, 40537	19
810	" <i>Candidatus Liberibacter solanacearum</i> " Associated With the Psyllid, <i>Bactericera maculipennis</i> (Hemiptera: Trioizidae). <b>2017</b> , 46, 210-216	11
809	Independent evolution of sexual dimorphism and female-limited mimicry in swallowtail butterflies ( <i>Papilio dardanus</i> and <i>Papilio phorcas</i> ). <b>2017</b> , 26, 1273-1284	6
808	Resurrecting KIR2DP1: A Key Intermediate in the Evolution of Human Inhibitory NK Cell Receptors That Recognize HLA-C. <b>2017</b> , 198, 1961-1973	8
807	Genomics-Guided Exploitation of Lipopeptide Diversity in Myxobacteria. <b>2017</b> , 12, 779-786	10
806	<i>Trpc2</i> pseudogenization dynamics in bats reveal ancestral vomeronasal signaling, then pervasive loss. <b>2017</b> , 71, 923-935	22
805	Detection of a novel gammaherpesvirus (genus <i>Rhadinovirus</i> ) in wild muntjac deer in Northern Ireland. <b>2017</b> , 162, 1737-1740	5
804	Syllids inhabiting holdfasts of <i>Lessonia spicata</i> in Central Chile: diversity, systematics, and description of three new species. <b>2017</b> , 15, 520-531	2
803	The Source and Evolutionary History of a Microbial Contaminant Identified Through Soil Metagenomic Analysis. <b>2017</b> , 8,	10

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755	Blue turns to grey - Palaeogenomic insights into the evolutionary history and extinction of the blue antelope ( <i>Hippotragus leucophaeus</i> ).	0
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- 618 Expanding known viral diversity in plants: virome of 161 species alongside an ancient canal. **2022**, 17, ○
- 617 Survivor bias drives overestimation of stability in reconstructed ancestral proteins. ○
- 616 Target-enrichment sequencing reveals for the first time a well-resolved phylogeny of the core Bromelioideae (Family Bromeliaceae). ○
- 615 First report of watermelon crinkle leaf associated virus-1 (WCLaV-1) in watermelon (*Citrullus lanatus*) in Australia. ○
- 614 Description of the whole mitochondrial genome of *Bhatia longiradiata* (Hemiptera, Cicadellidae, Deltocephalinae: Drabescini) and phylogenetic relationship. ○
- 613 Plastid Genome Assembly Using Long-read Data (ptGAUL). ○
- 612 Diversification processes between monogenoids (Dactylogyridae) and their marine catfish (Siluriformes: Ariidae) from the Atlantic coast of South America. 1-11 ○
- 611 Sensitive detection, quantification, and monitoring of *Erwinia psidii* colonization of guava plants using intercalating dye-based real-time PCR. ○
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- 609 Complete Chloroplast Genome Sequences of Four Species in the *Caladium* Genus: Comparative and Phylogenetic Analyses. **2022**, 13, 2180 ○
- 608 Phylogenetic relationships and divergence times of the poorly known genus *Spalerosophis* (Serpentes: Colubridae). ○
- 607 Comparative analysis of medicinal plant *Isodon rubescens* and its common adulterants based on chloroplast genome sequencing. 13, ○
- 606 How to survive pig farming: Mechanism of SCCmec element deletion and metabolic stress adaptation in livestock-associated MRSA. 13, ○
- 605 Phaeohyphomycosis due to *Exophiala* in Aquarium-Housed Lumpfish (*Cyclopterus lumpus*): Clinical Diagnosis and Description. **2022**, 11, 1401 ○

- 604 The resurrection of Cerasommatidiidae, an enigmatic group of coccinelloid beetles (Coleoptera: Coccinelloidea) based on molecular and morphological evidence. ○
- 603 Incorporating distance metrics and temporal trends to refine mixed stock analysis. **2022**, 12, ○
- 602 IMA genome-F17. **2022**, 13, ○
- 601 Enigma moth parasitoid: a new Australian cyclostome genus and species, *Ovaustra aurantia* Tetley, Glatz & Fagan Jeffries, gen. et sp. nov. (Hymenoptera: Braconidae) from Kangaroo Island. **2022**, 61, 420-432 ○
- 600 Red Mangrove Propagule Bacterial Communities Vary With Geographic, But Not Genetic Distance. ○
- 599 H4K20me3 controls Ash1-mediated H3K36me3 and transcriptional silencing in facultative heterochromatin. ○
- 598 Factors governing attachment of *Rhizobium leguminosarum* to legume roots. ○
- 597 Origins of juvenile green sea turtles (*Chelonia mydas*) in the Bahamas: A comparison of recent and historical rookery contributions. **2022**, 12, ○
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- 591 Complete gene sequence and mechanical property of the fourth type of major ampullate silk protein. **2022**, 1 ○
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- 588 Diversification of Amazonian spiny tree rats in genus *Makalata* (Rodentia, Echimyidae): Cryptic diversity, geographic structure and drivers of speciation. **2022**, 17, e0276475 ○
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- 566 Heterologous Expression Reveals Ancient Properties of Tei3A VanS Ortholog from the Teicoplanin Producer *Actinoplanes teichomyceticus*. **2022**, 23, 15713 ○
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- 563 Exceptional Genetic Differentiation at a Micro-geographic Scale in *Apistogramma agassizii* (Steindachner, 1875) from the Peruvian Amazon: Sympatric Speciation? ○
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- 553 From species detection to population size indexing: the use of sign surveys for monitoring a rare and otherwise elusive small mammal. **2023**, 69, ○
- 552 Comparative and phylogenetic analysis based on chloroplast genome of *Heteroplexis* (Compositae), a protected rare genus. **2022**, 22, ○
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549	<i>Dermacentor reticulatus</i> - a tick on its way from glacial refugia to a panmictic Eurasian population. <b>2022</b> ,	1
548	Establishment of the non-native horned-face bee <i>Osmia cornifrons</i> and the taurus mason bee <i>Osmia taurus</i> (Hymenoptera: Megachilidae) in Canada. 10, e14216	0
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546	The Precise Breakpoint Mapping in Paracentric Inversion 10q22.2q23.3 by Comprehensive Cytogenomic Analysis, Multicolor Banding, and Single-Copy Chromosome Sequencing. <b>2022</b> , 10, 3255	0
545	Plastome Characterization, Phylogenetic Relationships, and Regional Conservation Status of <i>Ficus populifolia</i> Vahl. (Moraceae), a Peripherally Isolated Plant Population in the Arabian Peninsula. <b>2022</b> , 13, 2063	1
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543	Genomic epidemiology of SARS-CoV-2 in Cambodia, January 2020 to February 2021.	0
542	Isolation and Characterization of Chi-like Salmonella Bacteriophages Infecting Two <i>Salmonella enterica</i> Serovars, Typhimurium and Enteritidis. <b>2022</b> , 11, 1480	1
541	Complete organellar genomes of six <i>Sargassum</i> species and development of species-specific markers. <b>2022</b> , 12,	1
540	Population genetic structure and evolutionary demographic patterns of <i>Phrynoderma karaavali</i> , an edible frog species of Kerala, India. <b>2023</b> , 102,	0
539	Plastome phylogenomics, biogeography, and evolutionary diversification of <i>Lilium</i> (Liliaceae).	0
538	The ecological adaptation of the unparalleled plastome character evolution in slipper orchids. 13,	0
537	Silent gene clusters encode magnetic organelle biosynthesis in a non-magnetotactic phototrophic bacterium.	0
536	Cannabinoid receptor 2 evolutionary gene loss makes parrots more susceptible to neuroinflammation. <b>2022</b> , 289,	1
535	Sequencing and description of the complete mitochondrial genome of <i>Limatus durhamii</i> (Diptera Culicidae). <b>2022</b> , 106805	0
534	Phylogenetic revision of <i>Dennstaedtioidae</i> (Dennstaedtiaceae: Polypodiales) with description of <i>Mucura</i> , gen. nov..	0
533	Genetic Diversity of Viral Populations Associated with Ananas Germplasm and Improvement of Virus Diagnostic Protocols. <b>2022</b> , 11, 1470	0



- 532 Mitogenome of the Brazilian critically endangered pitviper *Bothrops insularis* † Structural genomic characterization and evolutionary aspects. ○
- 531 Super-Mitobarcoding in Plant Species Identification? It Can Work! The Case of Leafy Liverworts Belonging to the Genus *Calypogeia*. **2022**, 23, 15570 ○
- 530 A Large Intergenic Spacer Leads to the Increase in Genome Size and Sequential Gene Movement around IR/SC Boundaries in the Chloroplast Genome of *Adiantum malesianum* (Pteridaceae). **2022**, 23, 15616 ○
- 529 Comparative analysis of the mitochondrial genome of *Dermacentor steini* from different regions in China. 1-32 ○
- 528 Morphological Characteristics and Comparative Chloroplast Genome Analyses between Red and White Flower Phenotypes of *Pyracantha fortuneana* (Maxim.) Li (Rosaceae), with Implications for Taxonomy and Phylogeny. **2022**, 13, 2404 ○
- 527 Sources of Fungal Symbionts in the Microbiome of a Mobile Insect Host, *Spodoptera frugiperda*. ○
- 526 New insights on patterns of genetic admixture and phylogeographic history in Iberian high mountain populations of midwife toads. **2022**, 17, e0277298 ○
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- 524 The complete chloroplast genome of *Angelonia angustifolia* Benth. (Plantaginaceae), an ornamental and medicinal plant. **2022**, 7, 2060-2062 ○
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- 495 Characterization of the complete plastid genome of Korean endemic, *Ajuga spectabilis* Nakai (Lamiaceae). **2023**, 8, 119-123 ○
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- 491 Diagnosis of protozoa diarrhoea in *Campylobacter* patients increases markedly with molecular techniques. ○
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- 484 Phylogenomic Insights into the Phylogeography of *Halophila baillonii* Asch.. **2023**, 15, 111 ○
- 483 Bacteriocin Production Correlates with Epidemiological Prevalence of Phylotype I Sequevar 18 *Ralstonia pseudosolanacearum* in Madagascar. ○
- 482 Full-Length Transcriptome Profiling of *Coridius chinensis* Mitochondrial Genome Reveals the Transcription of Genes with Ancestral Arrangement in Insects. **2023**, 14, 225 ○
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- 478 Scratching the surface: a new species of Bent-toed gecko (*Squamata*, *Gekkonidae*, *Cyrtodactylus*) from Timor-Leste of the *darmandvillei* group marks the potential for future discoveries. 1139, 107-126 1
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- 472 Insights into chloroplast genome structure, intraspecific variation, and phylogeny of *Cyclamen* species (*Myrsinoideae*). **2023**, 13, 0
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- 462 Comparative Analyses of 18 Complete Chloroplast Genomes from Eleven *Mangifera* Species (*Anacardiaceae*): Sequence Characteristics and Phylogenomics. **2023**, 9, 86 0
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- 457 Genome-wide identification and functional analysis of long non-coding RNAs in *Chilo suppressalis* reveal their potential roles in chlorantraniliprole resistance. 13, ○
- 456 Application of chloroplast genome in the identification of *Phyllanthus urinaria* and its common adulterants. 13, ○
- 455 The complete chloroplast genome of *Crataegus scabrifolia* (Franch.) Rehd (Rosaceae), a medicinal and edible plant in Southwest China. **2023**, 8, 81-85 ○
- 454 The complete chloroplast genome of *Ardisia brevicaulis* Diels 1900, one traditional medicinal plant in southern China. **2023**, 8, 95-99 ○
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- 451 Domiciliation of *Trichoderma asperellum* Suppresses *Globiosporangium ultimum* and Promotes Pea Growth, Ultrastructure, and Metabolic Features. **2023**, 11, 198 1
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- 446 First mitochondrial genome of subfamily Julodinae (Coleoptera, Buprestidae) with its phylogenetic implications. 1139, 165-182 ○
- 445 Molecular characterization of haemosporidian and haemogregarine diversity in southwestern Iberian amphibians and reptiles. ○
- 444 The chromosome-scale genome assembly of the yellowtail clownfish *Amphiprion clarkii* provides insights into melanic pigmentation of anemonefish. ○
- 443 Late-Season Decline [A New Bacterial Disease of Corn Identified in the Texas Panhandle. ○

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- 435 Identification of *Laporteia bulbifera* using the complete chloroplast genome as a potentially effective super-barcode. 0
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- 432 Characterization of the fragmented mitochondrial genome of domestic pig louse *Haematopinus suis* (Insecta: Haematopinidae) from China. 0
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- 429 Complete mitogenome sequence of *Aedes (Hulecoeteomyia) japonicus japonicus* from Hawaii Island. **2023**, 8, 64-68 0
- 428 Atypical life cycle does not lead to inbreeding or selfing in parasites despite clonemate accumulation in intermediate hosts. 0
- 427 A new *Pipistrelle* bat from the oceanic Island of Príncipe (Western Central Africa). 0
- 426 Discovery of novel Mamastroviruses in Bactrian camels and dromedaries reveals complex recombination history. 0
- 425 Co-Localization of Resistance and Metabolic Quantitative Trait Loci on Carrot Genome Reveals Fungitoxic Terpenes and Related Candidate Genes Associated with the Resistance to *Alternaria dauci*. **2023**, 13, 71 0

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- 420 FastViromeExplorer-Novel: Recovering Draft Genomes of Novel Viruses and Phages in Metagenomic Data. 0
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- 417 Insights into the evolutionary history and taxonomic status of *Sinopteris* (Pteridaceae). **2023**, 180, 107672 0
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- 413 Genetic population dynamics of the critically endangered scalloped hammerhead shark (*Sphyrna lewini*) in the Eastern Tropical Pacific. **2022**, 12, 0
- 412 Comparative genetic study of the colony structure and colony spatial distribution between the higher termite *Amitermes parvulus* and the lower, subterranean termite *Reticulitermes flavipes* in an urban environment. 0
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- 410 A Cautionary Tale of Sexing by Methylation: Hybrid Bisulfite-Conversion Sequencing of Immunoprecipitated Methylated DNA in *Chrysemys picta* Turtles with Temperature-Dependent Sex Determination Reveals Contrasting Patterns of Somatic and Gonadal Methylation, but No Unobtrusive Sex Diagnostic. **2023**, 13, 117 0
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- 402 Plastid Phylogenomic Analyses Reveal the Taxonomic Position of *Peucedanum franchetii*. **2023**, 12, 97 ○
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- 397 A phylogenomic study of Iridaceae Juss. based on complete plastid genome sequences. 14, ○
- 396 Comparative performance of a multi-locus barcoding approach to enhance taxonomic resolution of New Zealand mosquitoes (Diptera: Culicidae). ○
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- 382 New evidence to demystify the supposed holoplanktonic life cycle in Ceriantaria (Cnidaria). **2023**, 53, ○
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- 371 Characterization and Genome Analysis of *Vibrio campbellii* Lytic Bacteriophage OPA17. ○

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- 367 Phylogenetics and phylogeography of *Euphorbia canariensis* reveal an extreme Canarian-Asian disjunction and limited inter-island colonization. ○
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- 358 Effect of light environment on prey consumption in two species of larval stomatopods, *Gonodactylaceus falcatus* (Forskål, 1775) and *Gonodactylus* sp. (Stomatopoda: Gonodactylidae). **2023**, 43, ○
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- 355 Limited cross-species virus transmission in a spatially restricted coral reef fish community. **2023**, 9, ○
- 354 Molecular insight for baru *Dipteryx alata* (Fabaceae) populations based on novel SSRs. 37, ○
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- 338 A clue to the evolutionary history of modern East Asian flora: insights from phylogeography and diterpenoid alkaloid distribution pattern of the *Spiraea japonica* complex. **2023**, 107772 ○
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- 332 Structure Elucidation and Biosynthesis of Nannosterols A and B, Myxobacterial Sterols from *Nannocystis* sp. MNa10993. ○
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- 292 Polypharmacology-based kinome screen identifies new regulators of KSHV reactivation. ○
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- 288 Plant Growth Promotion, Phytohormone Production and Genomics of the Rhizosphere-Associated Microalga, *Micractinium rhizosphaerae* sp. nov.. **2023**, 12, 651 ○
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- 280 Genotypic detection of barriers to rat dispersal: *Rattus rattus* behind a peninsula predator-proof fence. ○
- 279 Characterization of the Complete Mitochondrial Genome of a Flea Beetle *Luperomorpha xanthodera* (Coleoptera: Chrysomelidae: Galerucinae) and Phylogenetic Analysis. **2023**, 14, 414 1
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- 274 Molecular identification of critically endangered European eels (*Anguilla anguilla*) in US retail outlets. 11, e14531 ○
- 273 Pragmatic applications of DNA barcoding markers in identification of fish species [↗](#) review. **2023**, ○
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- 253 Parasite detection and quantification in avian blood is dependent on storage medium and duration. **2023**, 13, ○
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- 251 On the mysterious Seychellois endemic spider genus *Cenemus* (Araneae, Pholcidae). 81, 179-200 ○
- 250 Two new species of miniature tetras of the fish genus *Priocharax* from the Rio Juruá drainage, Acre, Brazil (Teleostei: Characiformes: Characidae). **2023**, 101, 248-266 ○
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