

CITATION REPORT

List of articles citing

MEGA7: Molecular Evolutionary Genetics Analysis Version 7.0 for Bigger Datasets

DOI: 10.1093/molbev/msw054
Molecular Biology and Evolution, 2016, 33, 1870-4.

Source: <https://exaly.com/paper-pdf/65468682/citation-report.pdf>

Version: 2024-04-25

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

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

#	Paper	IF	Citations
2248	Identification of Hydroxypyrazine OMethyltransferase Genes in <i>Coffea arabica</i> : A Potential Source of Methoxypyrazines That Cause Potato Taste Defect.		
2247	Novel 1,3/-1,4-Glucosidase from <i>Aspergillus niger</i> Exhibits Unique Transglucosylation to Generate High Levels of Nigerose and Kojibiose.		
2246	Biosynthesis of Amino Acid Derived Prones by an NRPSNRPKS Hybrid Megasyntetase in Fungi.		
2245	Crude-MS Strategy for in-Depth Proteome Analysis of the Methane-Oxidizing <i>Methylocystis</i> sp. strain SC2.		
2244	Decoding Biomineralization: Interaction of a Mad10-Derived Peptide with Magnetite Thin Films.		
2243	Gene Cluster Activation in a Bacterial Symbiont Leads to Halogenated Angucyclic Maduralactomycins and Spirocyclic Actinospirols.		
2242	Activation and Characterization of Bohemamine Biosynthetic Gene Cluster from <i>Streptomyces</i> sp. CB02009.		
2241	Two Marine Cyanobacterial Aplysiatoxin Polyketides Neo-debromoaplysiatoxin A and B, with K ⁺ Channel Inhibition Activity.		
2240	Metabolic Engineering-Based Rapid Characterization of a Sesquiterpene Cyclase and the Skeletons of Fusariumdiene and Fusagramineol from <i>Fusarium graminearum</i> .		
2239	Glucosyltransferase Capable of Catalyzing the Last Step in Neoandrographolide Biosynthesis.		
2238	Donghaesulfins A and B, Dimeric Benz[a]anthracene Thioethers from Volcanic Island Derived <i>Streptomyces</i> sp..		
2237	Biosynthesis of Cyclohexanecarboxyl-CoA Highlights a Promiscuous Shikimoyl-CoA Synthetase and a FAD-Dependent Dehydratase.		
2236	Cardiovascular Small Heat Shock Protein HSPB7 Is a Kinetically Privileged Reactive Electrophilic Species (RES) Sensor.		
2235	<i>Arabidopsis</i> ITPK1 and ITPK2 Have an Evolutionarily Conserved Phytic Acid Kinase Activity.		
2234	Biosynthesis of Long-Chain NAcyl Amide by a Truncated Polyketide SynthaseNonribosomal Peptide Synthetase Hybrid Megasyntetase in Fungi.		
2233	Reactivity of an Unusual Amidase May Explain Colibactins DNA Cross-Linking Activity.		
2232	Semisynthesis of Plant-Derived Englerin A Enabled by Microbe Engineering of Guaia-6,10(14)-diene as Building Block.		

2231	Structure of Ralsolamycin, the Interkingdom Morphogen from the Crop Plant Pathogen <i>Ralstonia solanacearum</i> .	
2230	Zika Virus Genomic RNA Possesses Conserved GQuadruplexes Characteristic of the Flaviviridae Family.	
2229	Crystal Structure of Thioesterase SgcE10 Supporting Common Polyene Intermediates in 9- and 10-Membered Eneiyne Core Biosynthesis.	
2228	Discovery of Unprecedented Hydrazine-Forming Machinery in Bacteria.	
2227	Functional Single-Cell Approach to Probing Nitrogen-Fixing Bacteria in Soil Communities by Resonance Raman Spectroscopy with ¹⁵ N ₂ Labeling.	
2226	Identification and Isolation of Glucosyltransferases (GT) Expressed Fungi Using a Two-Photon Ratiometric Fluorescent Probe Activated by GT.	
2225	Metabolic Traits of Candidatus <i>Accumulibacter</i> clade IIF Strain SCELSE1 Using Amino Acids As Carbon Sources for Enhanced Biological Phosphorus Removal.	
2224	Birthday Honours. 1899 , 1, 1421-1422	
2223	Animal Actin Phylogeny and RNA Secondary Structure Study. 2015 , 5, 46-61	1
2222	New Hepatitis E Virus Genotype in Bactrian Camels, Xinjiang, China, 2013. 2016 , 22, 2219-2221	116
2221	Taxonomic Characterization, Evaluation of Toxigenicity, and Saccharification Capability of Section Isolates from Korean Traditional Wheat-Based Fermentation Starter. 2016 , 44, 155-161	5
2220	<i>Arabidopsis</i> Myrosinase Genes AtTGG4 and AtTGG5 Are Root-Tip Specific and Contribute to Auxin Biosynthesis and Root-Growth Regulation. 2016 , 17,	25
2219	Multilocus sequence typing analysis of isolated from pet Chinese stripe-necked turtles (). 2016 , 32, 208-216	7
2218	Zebra Alphaherpesviruses (EHV-1 and EHV-9): Genetic Diversity, Latency and Co-Infections. 2016 , 8,	16
2217	When Genomics Is Not Enough: Experimental Evidence for a Decrease in LINE-1 Activity During the Evolution of Australian Marsupials. 2016 , 8, 2406-12	1
2216	Reemergence of St. Louis Encephalitis Virus, California, 2015. 2016 , 22, 2185-2188	22
2215	Yeast Gup1(2) Proteins Are Homologues of the Hedgehog Morphogens Acyltransferases HHAT(L): Facts and Implications. 2016 , 4,	1
2214	Genomic Tools for Customized Recovery and Detection of Foodborne Shiga Toxigenic <i>Escherichia coli</i> . 2016 , 79, 2066-2077	10

2213	Comparative Evaluation of Genomic and Laboratory Approaches for Determination of Shiga Toxin Subtypes in <i>Escherichia coli</i> . 2016 , 79, 2078-2085	10
2212	AN INTRODUCTION TO MOLECULAR PHYLOGENETIC ANALYSIS. 2016 , 4, 36-45	8
2211	The complete mitochondrial genome of the threatened Neotropical catfish <i>Lophiosilurus alexandri</i> (Siluriformes: Pseudopimelodidae) and phylogenomic analysis indicate monophyly of Pimelodoidea. 2016 , 39, 674-677	6
2210	PCR-Based Identification of Oral Streptococcal Species. 2016 , 2016, 3465163	3
2209	Comparative Genomics of and Non- <i>Pylori</i> Species to Identify New Regions Associated with Its Pathogenicity and Adaptability. 2016 , 2016, 6106029	18
2208	An integrative systematic revision and biogeography of snakes (Reptilia, Colubridae) with a description of a new species from Israel. 2016 , 4, e2769	11
2207	A New Orbivirus Isolated from Mosquitoes in North-Western Australia Shows Antigenic and Genetic Similarity to Corriparta Virus but Does Not Replicate in Vertebrate Cells. 2016 , 8,	28
2206	Transcriptional Control of Drug Resistance, Virulence and Immune System Evasion in Pathogenic Fungi: A Cross-Species Comparison. 2016 , 6, 131	14
2205	The Worldwide Spread of the Tiger Mosquito as Revealed by Mitogenome Haplogroup Diversity. 2016 , 7, 208	32
2204	Physiological Studies of Glutamine Synthetases I and III from <i>Synechococcus</i> sp. WH7803 Reveal Differential Regulation. 2016 , 7, 969	9
2203	Characterization of Five Podoviridae Phages Infecting <i>Citrobacter freundii</i> . 2016 , 7, 1023	20
2202	Infectious Pancreatic Necrosis Virus Causing Clinical and Subclinical Infections in Atlantic Salmon Have Different Genetic Fingerprints. 2016 , 7, 1393	17
2201	F113 Can Produce a Second Flagellar Apparatus, Which Is Important for Plant Root Colonization. 2016 , 7, 1471	12
2200	Isolation and Characterization of Gut Bacterial Proteases Involved in Inducing Pathogenicity of Toxin in Cotton Bollworm,. 2016 , 7, 1567	14
2199	The Hsp90 Co-chaperones Sti1, Aha1, and P23 Regulate Adaptive Responses to Antifungal Azoles. 2016 , 7, 1571	9
2198	Systematic Review on Global Epidemiology of Methicillin-Resistant : Inference of Population Structure from Multilocus Sequence Typing Data. 2016 , 7, 1599	57
2197	High Diversity of Genogroup I Picobirnaviruses in Mammals. 2016 , 7, 1886	19
2196	Intraclonal Genome Stability of the Metallo- β -lactamase SPM-1-producing ST277, an Endemic Clone Disseminated in Brazilian Hospitals. 2016 , 7, 1946	25

2195	The Complete Genome Sequence of Hyperthermophile DSM 6724 Reveals a Specialized Carbohydrate Fermentor. 2016 , 7, 1979	10
2194	Homology-Based Modeling of Universal Stress Protein from Up-Regulated under Acid Stress Conditions. 2016 , 7, 1998	16
2193	Correlation of Gut Microbiota Composition with Resistance to Experimental Autoimmune Encephalomyelitis in Rats. 2016 , 7, 2005	29
2192	Chemical Composition of the Essential Oil from Aerial Parts of Javanian <i>Pimpinella pruatjan</i> Molk. and Its Molecular Phylogeny. 2016 , 8, 15	9
2191	Interspecies and Intraspecies Analysis of Trehalose Contents and the Biosynthesis Pathway Gene Family Reveals Crucial Roles of Trehalose in Osmotic-Stress Tolerance in Cassava. 2016 , 17,	21
2190	Phylogenetic-Derived Insights into the Evolution of Sialylation in Eukaryotes: Comprehensive Analysis of Vertebrate β -Galactoside α ,3/6-Sialyltransferases (ST3Gal and ST6Gal). 2016 , 17,	17
2189	Biodiversity, Phylogeny, and Antifungal Functions of Endophytic Fungi Associated with <i>Zanthoxylum bungeanum</i> . 2016 , 17,	21
2188	Phylogenetic Analysis of the Synnema-Producing Genus <i>Synnemapestaloides</i> . 2016 , 2,	2
2187	A Novel Insecticidal Peptide SLP1 Produced by <i>Streptomyces laindensis</i> H008 against <i>Lipaphis erysimi</i> . 2016 , 21,	2
2186	cDNA Isolation and Functional Characterization of UDP-d-glucuronic Acid 4-Epimerase Family from <i>Ornithogalum caudatum</i> . 2016 , 21,	7
2185	Recurrent evolution of heat-responsiveness in Brassicaceae COPIA elements. 2016 , 17, 209	45
2184	To each his own: no evidence of gyrodactylid parasite host switches from invasive poeciliid fishes to <i>Goodea atripinnis</i> Jordan (Cyprinodontiformes: Goodeidae), the most dominant endemic freshwater goodeid fish in the Mexican Highlands. 2016 , 9, 604	14
2183	Characterization of the TRAF3IP1 gene in Yesso scallop (<i>Patinopecten yessoensis</i>) and its expression in response to bacterial challenge. 2017 , 91, 267-276	3
2182	Molecular Epidemiology of Agents of Human Chromoblastomycosis in Brazil with the Description of Two Novel Species. 2016 , 10, e0005102	47
2181	Insights into the Utility of the Focal Adhesion Scaffolding Proteins in the Anaerobic Fungus <i>Orpinomyces</i> sp. C1A. 2016 , 11, e0163553	1
2180	Around the World in Eight Million Years: Historical Biogeography and Evolution of the Spray Zone Spider <i>Amaurobioides</i> (Araneae: Anyphaenidae). 2016 , 11, e0163740	12
2179	Species of <i>Pseudorhabdosynochus</i> (Monogenea, Diplectanidae) from Groupers (<i>Mycteroperca</i> spp., Epinephelidae) in the Mediterranean and Eastern Atlantic Ocean, with Special Reference to the 'Beverleyburtonae Group' and Description of Two New Species. 2016 , 11, e0159886	21
2178	Assembly of the Complete Sitka Spruce Chloroplast Genome Using 10X Genomics' GemCode Sequencing Data. 2016 , 11, e0163059	27

2177	The Human Mixed Lineage Leukemia 5 (MLL5), a Sequentially and Structurally Divergent SET Domain-Containing Protein with No Intrinsic Catalytic Activity. 2016 , 11, e0165139	21
2176	gmos: Rapid Detection of Genome Mosaicism over Short Evolutionary Distances. 2016 , 11, e0166602	2
2175	Phylogeography of the Wheat Stem Sawfly, <i>Cephus cinctus</i> Norton (Hymenoptera: Cephidae): Implications for Pest Management. 2016 , 11, e0168370	30
2174	Insights into the innate immunome of actinarians using a comparative genomic approach. 2016 , 17, 850	36
2173	Genome-Wide Association Study of Resistance to Soybean Cyst Nematode (<i>Heterodera glycines</i>) HG Type 2.5.7 in Wild Soybean (<i>Glycine soja</i>). 2016 , 7, 1214	41
2172	Genome-Wide Identification and Expression Profiling of Tomato Hsp20 Gene Family in Response to Biotic and Abiotic Stresses. 2016 , 7, 1215	51
2171	Genomic Dissection and Expression Profiling Revealed Functional Divergence in Leucine Rich Repeat Receptor Like Kinases (TaLRRKs). 2016 , 7, 1374	48
2170	Genome-Wide Identification, Evolution, and Co-expression Network Analysis of Mitogen-Activated Protein Kinase Kinase Kinases in. 2016 , 7, 1400	16
2169	Pectins, Endopolygalacturonases, and Bioenergy. 2016 , 7, 1401	34
2168	Comparative Genomic Analysis of the Genes in Chinese Pear (), Poplar (), Grape (), and Rice (). 2016 , 7, 1750	43
2167	Ca/Cation Antiporters (CaCA): Identification, Characterization and Expression Profiling in Bread Wheat (<i>T. aestivum</i> L.). 2016 , 7, 1775	35
2166	DNA Barcoding Evaluation and Its Taxonomic Implications in the Recently Evolved Genus <i>Lindl.</i> (Orchidaceae) in China. 2016 , 7, 1791	12
2165	Comparative Transcriptomics of Strawberries (<i>Fragaria</i> spp.) Provides Insights into Evolutionary Patterns. 2016 , 7, 1839	26
2164	Structural, Evolutionary, and Functional Analysis of the Class III Peroxidase Gene Family in Chinese Pear (<i>Pyrus</i> spp.). 2016 , 7, 1874	44
2163	Actinobacteria possessing antimicrobial and antioxidant activities isolated from the pollen of scots pine (<i>Pinus sylvestris</i>) grown on the Baikal shore. 2016 , 109, 1307-22	7
2162	Partial Diversity Generates Effector Immunity Specificity of the Bac41-Like Bacteriocins of <i>Enterococcus faecalis</i> Clinical Strains. 2016 , 198, 2379-90	8
2161	Identification of putative Z-ring-associated proteins, involved in cell division in human pathogenic bacteria <i>Helicobacter pylori</i> . 2016 , 590, 2158-71	4
2160	Bacterial communities of oceanic sea star (Asteroidea: Echinodermata) larvae. 2016 , 163, 1	18

2159	CLAUSA Is a MYB Transcription Factor That Promotes Leaf Differentiation by Attenuating Cytokinin Signaling. 2016 , 28, 1602-15	27
2158	Unique yeast histone sequences influence octamer and nucleosome stability. 2016 , 590, 2629-38	7
2157	Underestimation of ammonia-oxidizing bacteria abundance by amplification bias in amoA-targeted qPCR. 2016 , 9, 519-24	19
2156	Complete mitochondrial genome of the Korean oily shinner (Cypriniformes, cyprinidae): mitogenome characterization and phylogenetic analysis. 2016 , 1, 837-838	0
2155	Reinstatement of <i>Varanus douarrha</i> Lesson, 1830 as a valid species with comments on the zoogeography of monitor lizards (Squamata : Varanidae) in the Bismarck Archipelago, Papua New Guinea. 2016 , 64, 434	2
2154	The complete mitochondrial genome of the Thomas's horseshoe bat () using next-generation sequencing and Sanger sequencing. 2016 , 1, 964-965	3
2153	Culture-Dependent and -Independent Identification of Polyphosphate-Accumulating <i>Dechloromonas</i> spp. Predominating in a Full-Scale Oxidation Ditch Wastewater Treatment Plant. 2016 , 31, 449-455	43
2152	Genetic subtyping of <i>Listeria monocytogenes</i> via multiple-locus sequence typing using <i>iap</i> , <i>sigB</i> and <i>actA</i> . 2017 , 78, 1831-1839	1
2151	Classification of genotypes of leaf phenotype (P/tan) and seed phenotype (Y1 and Tan1) in tan sorghum (<i>Sorghum bicolor</i>). 2016 , 135, 683-690	2
2150	PiHOG1, a stress regulator MAP kinase from the root endophyte fungus <i>Piriformospora indica</i> , confers salinity stress tolerance in rice plants. 2016 , 6, 36765	51
2149	Evolutionary analysis and prediction of peptide vaccine candidates for Nipah virus fusion protein. 2016 ,	1
2148	Complete mitochondrial genome of two endemic species to China: and (Cypriniformes, cyprinidae). 2016 , 1, 851-852	2
2147	The complete mitochondrial genome and phylogenetic position of the critically endangered Trinidad Piping Guan, synonym (Aves: Galliformes). 2016 , 1, 649-650	
2146	Characterizing the Brown Spot Pathosystem in Late-Harvest Table Grapes (<i>Vitis vinifera</i> L.) in the California Central Valley. 2016 , 100, 2204-2210	11
2145	(Siluriformes, Pimelodidae): complete mtDNA sequence of an economically important fish from the San Francisco river basin. 2016 , 1, 806-808	1
2144	An adenylyl cyclase with a phosphodiesterase domain in basal plants with a motile sperm system. 2016 , 6, 39232	24
2143	Comparative mitogenomic analyses of three North American stygobiont amphipods of the genus (Crustacea: Amphipoda). 2016 , 1, 560-563	9
2142	Methanoregulaceae. 2016 , 1-4	3

2141	Complete mitochondrial genomes of living and extinct pigeons revise the timing of the columbiform radiation. 2016 , 16, 230	25
2140	Draft genome sequence of bitter melon (<i>Momordica charantia</i>), a vegetable and medicinal plant in tropical and subtropical regions. 2017 , 24, 51-58	56
2139	Multi-locus phylogeny using topotype specimens sheds light on the systematics of <i>Niviventer</i> (Rodentia, Muridae) in China. 2016 , 16, 261	8
2138	Identification and Characterization of Novel Rat Polyomavirus 2 in a Colony of X-SCID Rats by P-PIT assay. 2016 , 1,	18
2137	Gene Function Analysis in the Ubiquitous Human Commensal and Pathogen <i>Malassezia</i> Genus. 2016 , 7,	28
2136	is monophyletic: Evidence from multiple gene phylogenies and extrolites profiles. 2016 , 85, 199-213	50
2135	Sequencing and characterization of the complete mitochondrial genome of the endangered Devils Hole pupfish (Cyprinodontiformes: Cyprinodontidae). 2016 , 1, 705-707	5
2134	Next-generation systematics: An innovative approach to resolve the structure of complex prokaryotic taxa. 2016 , 6, 38392	72
2133	CRISPR-Cas type I-A Cascade complex couples viral infection surveillance to host transcriptional regulation in the dependence of <i>Csa3b</i> . 2017 , 45, 1902-1913	33
2132	Two active bamboo mariner-like transposable elements (<i>Ppmar1</i> and <i>Ppmar2</i>) identified as the transposon-based genetic tools for mutagenesis. 2016 , 36, 1	7
2131	Structural and functional characterization of a novel gene, <i>Hc-daf-22</i> , from the strongylid nematode <i>Haemonchus contortus</i> . 2016 , 9, 422	12
2130	Transcriptomic characterization and curation of candidate neuropeptides regulating reproduction in the eyestalk ganglia of the Australian crayfish, <i>Cherax quadricarinatus</i> . 2016 , 6, 38658	39
2129	Viral and Host Characteristics of Recent and Established HIV-1 Infections in Kisumu based on a Multiassay Approach. 2016 , 6, 37964	7
2128	Chemical composition of preen wax reflects major histocompatibility complex similarity in songbirds. 2016 , 283,	30
2127	Production of uracil from methane by a newly isolated <i>Methylomonas</i> sp. SW1. 2016 , 240, 43-47	2
2126	Comparative sequence analysis of <i>Cyclospora cayetanensis</i> apicoplast genomes originating from diverse geographical regions. 2016 , 9, 611	16
2125	The complete mitochondrial genome of the Basidiomycete edible fungus. 2016 , 1, 772-774	8
2124	A new marseillevirus isolated in Southern Brazil from <i>Limnoperna fortunei</i> . 2016 , 6, 35237	20

2123	Impacts and shortcomings of genetic clustering methods for infectious disease outbreaks. 2016 , 2, vew031	49
2122	Complete mitochondrial genome of the mud loach (Cypriniformes, Cobitidae) and its phylogenetic position in the Cypriniformes. 2016 , 1, 839-840	0
2121	Degradation study of lindane by novel strains sp. DAB-1Y and sp. DAB-1W. 2016 , 3, 53	27
2120	The forgotten collection: Pouring old wine into new bags. 2016 , 85, 159-198	20
2119	Selection analysis and phylogeographic simulation study of worldwide spread of Zika virus. 2016 ,	
2118	Unexpected diversity in the relictual European spiders of the genus Pimoa (Araneae : Pimoidae). 2016 , 30, 566	11
2117	A Metabolic Gene Cluster in the Wheat W1 and the Barley Cer-cqu Loci Determines Ediketone Biosynthesis and Glaucousness. 2016 , 28, 1440-60	87
2116	Identification and characterization of yeasts isolated from sedimentary rocks of Union Glacier at the Antarctica. 2016 , 20, 479-91	27
2115	Nondegenerative Evolution in Ancient Heritable Bacterial Endosymbionts of Fungi. <i>Molecular Biology and Evolution</i> , 2016 , 33, 2216-31	8.3 10
2114	Biochemical and Structural Characterizations of Two Dictyostelium Cellobiohydrolases from the Amoebozoa Kingdom Reveal a High Level of Conservation between Distant Phylogenetic Trees of Life. 2016 , 82, 3395-409	10
2113	cis-Prenyltransferase: New Insights into Protein Glycosylation, Rubber Synthesis, and Human Diseases. 2016 , 291, 18582-90	43
2112	Translation, modification and cellular distribution of two AC4 variants of African cassava mosaic virus in yeast and their pathogenic potential in plants. 2016 , 498, 136-148	16
2111	Characterization of a Chikungunya virus strain isolated from banked patients' sera. 2016 , 13, 150	7
2110	Epidemiologic investigation of a family cluster of imported ZIKV cases in Guangdong, China: probable human-to-human transmission. 2016 , 5, e100	15
2109	Cambarus (Jugicambarus) adustus, a new species of crayfish from northeastern Kentucky delimited from the Cambarus (J.) aff. dubius species complex. 2016 , 4162, 173-87	6
2108	Draft genome sequence of Acinetobacter baumannii strain NCTC 13423, a multidrug-resistant clinical isolate. 2016 , 11, 57	3
2107	Hyalinoecia artifex: Field notes on a charismatic and abundant epifaunal polychaete on the US Atlantic continental margin. 2016 , 135, 211-224	4
2106	Complete genome sequencing and comparative analyses of broad-spectrum antimicrobial-producing Micromonospora sp. HK10. 2016 , 594, 97-107	7

2105	Impact of genomic diversity on food safety. 2016 , 10, 52-59	23
2104	Classification and substrate head-group specificity of membrane fatty acid desaturases. 2016 , 14, 341-349	14
2103	Draft genome sequence of <i>Micrococcus luteus</i> strain O’Kane implicates metabolic versatility and the potential to degrade polyhydroxybutyrates. 2016 , 9, 148-53	4
2102	Draft genome sequence of strain Wellendorf implicates heterotrophic versatility and bioremediation potential. 2016 , 10, 54-60	4
2101	Acanthamoeba and Dictyostelium Use Different Foraging Strategies. 2016 , 167, 511-525	5
2100	Characterization of heme oxygenase and biliverdin reductase gene expression in zebrafish (<i>Danio rerio</i>): Basal expression and response to pro-oxidant exposures. 2016 , 311, 74-87	11
2099	Comparative Genomic Analysis of <i>Haemophilus haemolyticus</i> and Nontypeable <i>Haemophilus influenzae</i> and a New Testing Scheme for Their Discrimination. 2016 , 54, 3010-3017	7
2098	Consolidated bioprocessing of microalgal biomass to carboxylates by a mixed culture of cow rumen bacteria using anaerobic sequencing batch reactor (ASBR). 2016 , 222, 517-522	11
2097	PcToll2 positively regulates the expression of antimicrobial peptides by promoting PcATF4 translocation into the nucleus. 2016 , 58, 59-66	16
2096	Draft genome sequence and detailed analysis of strain Russ and implication for opportunistic pathogenesis. 2016 , 10, 63-68	4
2095	Characterization of proteome dynamics during growth in oleate reveals a new peroxisome-targeting receptor. 2016 , 129, 4067-4075	37
2094	Identification and functional characterization of a pyrokinin neuropeptide receptor in the Lyme disease vector, <i>Ixodes scapularis</i> . 2016 , 86, 42-54	14
2093	Dual interaction of the Hsp70 J-protein cochaperone Zuo1 with the 40S and 60S ribosomal subunits. 2016 , 23, 1003-1010	25
2092	Life history linked to immune investment in developing amphibians. 2016 , 4, cow025	20
2091	A Role for TIC55 as a Hydroxylase of Phyllobilins, the Products of Chlorophyll Breakdown during Plant Senescence. 2016 , 28, 2510-2527	57
2090	Fluorescent Reporter DS6A Mycobacteriophages Reveal Unique Variations in Infectibility and Phage Production in Mycobacteria. 2016 , 198, 3220-3232	18
2089	Isolation and Characterization of Reticuline N-Methyltransferase Involved in Biosynthesis of the Aporphine Alkaloid Magnoflorine in Opium Poppy. 2016 , 291, 23416-23427	27
2088	The ITS-based phylogeny of fungi associated with tarballs. 2016 , 113, 277-281	5

2087	Once Again: Oribatid Mites and Skin Alkaloids in Poison Frogs. 2016 , 42, 841-844		3
2086	Inquilingus limosus in pulmonary disease: case report and review of the literature. 2016 , 86, 446-449		3
2085	Gene duplications circumvent trade-offs in enzyme function: Insect adaptation to toxic host plants. 2016 , 70, 2767-2777		26
2084	Comparative genomic, transcriptomic and secretomic profiling of Penicillium oxalicum HP7-1 and its cellulase and xylanase hyper-producing mutant EU2106, and identification of two novel regulatory genes of cellulase and xylanase gene expression. 2016 , 9, 203		39
2083	A new corticolous Megaspora (Megasporaceae) species from Armenia. 2016 , 46, 245-251		6
2082	A Bacillus anthracis Genome Sequence from the Sverdlovsk 1979 Autopsy Specimens. 2016 , 7,		35
2081	Expression of a putative dioxygenase gene adjacent to an insertion mutation is involved in the short internodes of columnar apples (Malus domestica). 2016 , 129, 1109-1126		21
2080	Oleaginous yeasts from Ethiopia. 2016 , 6, 78		10
2079	Loss and Gain of Human Acidic Mammalian Chitinase Activity by Nonsynonymous SNPs. <i>Molecular Biology and Evolution</i> , 2016 , 33, 3183-3193	8.3	27
2078	HCV dispersal patterns among intravenous drug users (IDUs) in Athens metropolitan area. 2016 , 45, 415-419		1
2077	Trypanosome species, including Trypanosoma cruzi, in sylvatic and peridomestic bats of Texas, USA. 2016 , 164, 259-266		24
2076	Pontifactin, a new lipopeptide biosurfactant produced by a marine Pontibacter korlensis strain SBK-47: Purification, characterization and its biological evaluation. 2016 , 51, 2198-2207		49
2075	Molecular Diversity of Terpene Synthases in the Liverwort Marchantia polymorpha. 2016 , 28, 2632-2650		36
2074	Incidence of diverse dsRNA mycoviruses in Trichoderma spp. causing green mold disease of shiitake Lentinula edodes. 2016 , 363,		12
2073	Depth as a driver of evolution in the deep sea: Insights from grenadiers (Gadiformes: Macrouridae) of the genus Coryphaenoides. 2016 , 104, 73-82		20
2072	Characterisation of major histocompatibility complex class I genes in Japanese Ranidae frogs. 2016 , 68, 797-806		8
2071	Molecular characterisation and antifungal susceptibility of clinical Cryptococcus deuterogattii (AFLP6/VGI1) isolates from Southern Brazil. 2016 , 35, 1803-1810		21
2070	First report of detection and molecular characterization of porcine parvovirus in domestic and wild pigs in Kerala, India. 2016 , 27, 311-314		2

2069	Exploring the potential of fungi isolated from PAH-polluted soil as a source of xenobiotics-degrading fungi. 2016 , 23, 20985-20996	29
2068	Zika Virus Genomic RNA Possesses Conserved G-Quadruplexes Characteristic of the Flaviviridae Family. 2016 , 2, 674-681	87
2067	Molecular cloning, subcellular localization and characterization of two adenylate kinases from cassava, <i>Manihot esculenta</i> Crantz cv. KU50. 2016 , 204, 66-73	1
2066	New GroEL-like chaperonin of bacteriophage OBP <i>Pseudomonas fluorescens</i> suppresses thermal protein aggregation in an ATP-dependent manner. 2016 , 473, 2383-93	17
2065	Plasma Membrane Microdomains Are Essential for Rac1-RbohB/H-Mediated Immunity in Rice. 2016 , 28, 1966-83	66
2064	A fatal yellow fever virus infection in China: description and lessons. 2016 , 5, e69	41
2063	The Transcriptome of the Zoanthid <i>Protopalythoa variabilis</i> (Cnidaria, Anthozoa) Predicts a Basal Repertoire of Toxin-like and Venom-Auxiliary Polypeptides. 2016 , 8, 3045-3064	30
2062	Divergent biosynthesis yields a cytotoxic aminomalonate-containing precolibactin. 2016 , 12, 773-5	62
2061	RNA-Seq reveals virus-virus and virus-plant interactions in nature. 2016 , 92,	51
2060	Cysteinome: The first comprehensive database for proteins with targetable cysteine and their covalent inhibitors. 2016 , 478, 1268-73	29
2059	Phylogenetic tracking of current porcine epidemic diarrhea virus (PEDV) strains in the Philippines. 2016 , 161, 2601-4	10
2058	Enzymes involved in the anaerobic degradation of ortho-phthalate by the nitrate-reducing bacterium <i>Azoarcus</i> sp. strain PA01. 2016 , 18, 3175-88	34
2057	Regulatory Divergence among Beta-Keratin Genes during Bird Evolution. <i>Molecular Biology and Evolution</i> , 2016 , 33, 2769-2780	8.3 8
2056	Genome-wide characterization and expression pattern of auxin response factor (ARF) gene family in soybean and common bean. 2016 , 38, 1165-1178	12
2055	Characterization and Pathogenicity of Botryosphaeriaceae Species Isolated from Almond Trees on the Island of Mallorca (Spain). 2016 , 100, 2483-2491	18
2054	DNA barcoding and morphological studies confirm the occurrence of three <i>Atarbolana</i> (Crustacea: Isopoda: Cirolanidae) species along the coastal zone of the Persian Gulf and Gulf of Oman. 2016 , 4200, zootaxa.4200.1.7	1
2053	Detection of spring viraemia of carp virus in imported amphibians reveals an unanticipated foreign animal disease threat. 2016 , 5, e97	12
2052	Parallel Evolution of Cold Tolerance within <i>Drosophila melanogaster</i> . <i>Molecular Biology and Evolution</i> , 2017 , 34, 349-360	8.3 18

2051	Taxonomic revision of the moss salamander <i>Nototriton barbouri</i> (Schmidt (Caudata: Plethodontidae), with description of two new species from the Cordillera Nombre de Dios, Honduras. 2016 , 4196, zootaxa.4196.4.3	2
2050	Description of the first Oriental species of the ant genus <i>Xymmer</i> (Hymenoptera: Formicidae: Amblyoponinae). 2016 , 4168, 141-150	1
2049	Hsp70 gene expansions in the scallop <i>Patinopecten yessoensis</i> and their expression regulation after exposure to the toxic dinoflagellate <i>Alexandrium catenella</i> . 2016 , 58, 266-273	28
2048	<i>Xanthomonas campestris</i> attenuates virulence by sensing light through a bacteriophytochrome photoreceptor. 2016 , 17, 1565-1577	41
2047	Evolutionary rates and genetic diversities of mixed potyviruses in <i>Narcissus</i> . 2016 , 45, 213-223	16
2046	Complete genome sequences of the <i>Serratia plymuthica</i> strains 3Rp8 and 3Re4-18, two rhizosphere bacteria with antagonistic activity towards fungal phytopathogens and plant growth promoting abilities. 2016 , 11, 61	17
2045	A mitotic nuclear envelope tether for Gle1 also impacts nuclear and nucleolar architecture. 2016 ,	7
2044	Outbreak of Zika Virus Infection, Chiapas State, Mexico, 2015, and First Confirmed Transmission by <i>Aedes aegypti</i> Mosquitoes in the Americas. 2016 , 214, 1349-1356	146
2043	Rice Varieties in Archaic East Asia: Reduction of Its Diversity from Past to Present Times. <i>Molecular Biology and Evolution</i> , 2016 , 33, 2496-505	8.3 6
2042	Isolation of culturable aerobic bacteria and evidence of <i>Kerstersia gyiorum</i> from the blowhole of captive Yangtze finless porpoises. 2016 , 109, 1167-75	4
2041	Specificity, cross-reactivity, and function of antibodies elicited by Zika virus infection. 2016 , 353, 823-6	528
2040	The Ssr protein (T1E_1405) from <i>Pseudomonas putida</i> DOT-T1E enables oligonucleotide-based recombineering in platform strain <i>P. putida</i> EM42. 2016 , 11, 1309-1319	49
2039	Great genetic diversity of rotaviruses detected in piglets with diarrhea in Thailand. 2016 , 161, 2843-9	9
2038	Disease surveillance of Atlantic herring: molecular characterization of hepatic coccidiosis and a morphological report of a novel intestinal coccidian. 2016 , 120, 91-107	3
2037	Nomadic lifestyle of <i>Lactobacillus plantarum</i> revealed by comparative genomics of 54 strains isolated from different habitats. 2016 , 18, 4974-4989	106
2036	Molecular characterization and expression analyses of three RIG-I-like receptor signaling pathway genes (MDA5, LGP2 and MAVS) in <i>Larimichthys crocea</i> . 2016 , 55, 535-49	25
2035	Structure and function of the non-classical major histocompatibility complex molecule MR1. 2016 , 68, 549-59	6
2034	Evolution of codon usage in Zika virus genomes is host and vector specific. 2016 , 5, e107	91

2033	Data set of phylogenetic analysis inferred based on the complete genomes of the family Nodaviridae. 2016 , 8, 1454-61	1
2032	Draft genome sequence of <i>Pseudomonas moraviensis</i> strain Devor implicates metabolic versatility and bioremediation potential. 2016 , 9, 154-9	9
2031	SOXE neofunctionalization and elaboration of the neural crest during chordate evolution. 2016 , 6, 34964	9
2030	The DNA methyltransferase DNMT3C protects male germ cells from transposon activity. 2016 , 354, 909-912	192
2029	Genetic factors underlying boron toxicity tolerance in rice: genome-wide association study and transcriptomic analysis. 2017 , 68, 687-700	17
2028	Functional expression and evaluation of heterologous phosphoketolases in <i>Saccharomyces cerevisiae</i> . 2016 , 6, 115	24
2027	Metabolism of Toxic Sugars by Strains of the Bee Gut Symbiont <i>Gilliamella apicola</i> . 2016 , 7,	122
2026	Genome-wide analysis of lectin receptor-like kinases in <i>Populus</i> . 2016 , 17, 699	37
2025	Mayaro virus: a forest virus primed for a trip to the city?. 2016 , 18, 724-734	60
2024	Dynamic Conformational States Dictate Selectivity toward the Native Substrate in a Substrate-Permissive Acyltransferase. 2016 , 55, 6314-6326	34
2023	The status of <i>Hormathophylla baetica</i> : a new combination and lectotypification in <i>Hormathophylla cochleata</i> . 2016 , 280, 45	1
2022	<i>Melampsora pakistanica</i> sp. nov., a new rust fungus on <i>Euphorbia helioscopia</i> (Sun spurge) from Pakistan. 2016 , 15, 1285-1292	4
2021	Unravelling molecular mechanisms from floral initiation to lipid biosynthesis in a promising biofuel tree species, <i>Pongamia pinnata</i> using transcriptome analysis. 2016 , 6, 34315	17
2020	Identification of drought-responsive microRNAs and their targets in <i>Ammopiptanthus mongolicus</i> by using high-throughput sequencing. 2016 , 6, 34601	25
2019	YopJ Family Effectors Promote Bacterial Infection through a Unique Acetyltransferase Activity. 2016 , 80, 1011-1027	51
2018	Arylalkylamine N-acetyltransferase 1 gene (TcAANAT1) is required for cuticle morphology and pigmentation of the adult red flour beetle, <i>Tribolium castaneum</i> . 2016 , 79, 119-129	26
2017	TWS1, a Novel Small Protein, Regulates Various Aspects of Seed and Plant Development. 2016 , 172, 1732-1745	19
2016	Molecular evolutionary dynamics of cytochrome P450 monooxygenases across kingdoms: Special focus on mycobacterial P450s. 2016 , 6, 33099	44

2015	Spatio-temporal analysis of Nova virus, a divergent hantavirus circulating in the European mole in Belgium. 2016 , 25, 5994-6008	19
2014	KinView: a visual comparative sequence analysis tool for integrated kinome research. 2016 , 12, 3651-3665	32
2013	The Strange, Expanding World of Animal Hepaciviruses. 2016 , 3, 53-75	53
2012	Mutations in two pollen self-incompatibility factors in geographically marginal populations of <i>Solanum habrochaites</i> impact mating system transitions and reproductive isolation. 2016 , 103, 1847-1861	15
2011	Comparative genomics of <i>Bacillus anthracis</i> from the wool industry highlights polymorphisms of lineage A.Br.Vollum. 2016 , 46, 50-58	11
2010	Draft genome sequence of strain Hudgins isolated from human skin implicates metabolic versatility and several virulence determinants. 2016 , 10, 91-96	1
2009	Tetrapod limb and sarcopterygian fin regeneration share a core genetic programme. 2016 , 7, 13364	35
2008	Draft genome sequence of <i>Thermoactinomyces</i> sp. strain AS95 isolated from a Sebkhah in Thamelah, Algeria. 2016 , 11, 68	2
2007	Draft genome sequence of <i>Enterococcus faecium</i> strain LMG 8148. 2016 , 11, 63	
2006	Defying Muller's Ratchet: Ancient Heritable Endobacteria Escape Extinction through Retention of Recombination and Genome Plasticity. 2016 , 7,	30
2005	Exon-intron structure and sequence variation of the calreticulin gene among <i>Rhipicephalus sanguineus</i> group ticks. 2016 , 9, 640	4
2004	A Forward Genetic Screen and Whole Genome Sequencing Identify Deflagellation Defective Mutants in <i>Chlamydomonas</i> , Including Assignment of ADF1 as a TRP Channel. 2016 , 6, 3409-3418	18
2003	Convergent evolution of tRNA gene targeting preferences in compact genomes. 2016 , 7, 17	12
2002	Complete genome anatomy of the emerging potato pathogen type strain IPO 2222. 2016 , 11, 87	12
2001	A new species of <i>Hirudo</i> (Annelida: Hirudinidae): historical biogeography of Eurasian medicinal leeches. 2016 , 1,	8
2000	Enhancement and Biological Characteristics Related to Aerobic Biodegradation of Toluene with Co-Existence of Benzene. 2016 , 227, 1	9
1999	Development and characterization of EST-SSR markers for <i>Taxus mairei</i> (Taxaceae) and their transferability across species. 2016 , 65, 67-70	2
1998	Complete mitochondrial genome of (Decapoda, Xanthidae). 2016 , 1, 500-501	6

1997	The complete chloroplast genome sequence of Dode. 2016 , 1, 674-675		2
1996	Complete mitochondrial genome of the Korean torrent catfish (Siluriformes, amblycipitidae). 2016 , 1, 779-780		3
1995	Complete mitochondrial genome of the Pacific cod, (Gadiformes, Gadidae). 2016 , 1, 829-830		0
1994	The complete mitochondrial genome of (Perciformes, gobiidae). 2016 , 1, 833-834		2
1993	Complete mitochondrial genome of the Korean flying fish (Beloniformes, Exocoetidae): mitogenome characterization and phylogenetic analysis. 2016 , 1, 901-902		
1992	Comparative mitogenomic and phylogenetic characterization on the complete mitogenomes of (). 2017 , 1, 941-942		2
1991	Identification and characterization of a novel (+)- β -lactamase from Microbacterium hydrocarbonoxydans. 2016 , 100, 9543-9553		16
1990	Host-Associated Genomic Features of the Novel Uncultured Intracellular Pathogen <i>Ca. Ichthyocystis</i> Revealed by Direct Sequencing of Epitheliocysts. 2016 , 8, 1672-89		9
1989	MEGA Evolutionary Software Re-Engineered to Handle Today's Big Data Demands. <i>Molecular Biology and Evolution</i> , 2016 , 33, 1887	8.3	27
1988	Evolution of rough sculpin (<i>Cottus asperimus</i>) genetic divergence and late Quaternary displacement on the Hat Creek fault, California, USA. 2016 , 17, 1257-1267		3
1987	An acyltransferase gene that putatively functions in anthocyanin modification was horizontally transferred from Fabaceae into the genus. 2016 , 38, 149-155		8
1986	Functional Analysis of Amorpho-4,11-Diene Synthase (ADS) Homologs from Non-Artemisinin-Producing <i>Artemisia</i> Species: The Discovery of Novel Koidzumiol and (+)- β -Bisabolol Synthases. 2016 , 57, 1678-88		12
1985	Single-Molecule Sequencing Reveals Complex Genome Variation of Hepatitis B Virus during 15 Years of Chronic Infection following Liver Transplantation. 2016 , 90, 7171-7183		27
1984	Phylogenetically Structured Differences in rRNA Gene Sequence Variation among Species of Arbuscular Mycorrhizal Fungi and Their Implications for Sequence Clustering. 2016 , 82, 4921-30		18
1983	Solute carriers (SLCs) identified and characterized from kidney transcriptome of golden mahseer (<i>Tor putitora</i>) (Fam: Cyprinidae). 2016 , 200, 54-61		5
1982	Expression and localization of the <i>Xenopus laevis</i> small heat shock protein, HSPB6 (HSP20), in A6 kidney epithelial cells. 2016 , 201, 12-21		1
1981	Phylogenetic analysis and differential expression of EF1 β genes in soybean during development, stress and phytohormone treatments. 2016 , 291, 1505-22		8
1980	Morphological and genetic species diversity in ostracods (Crustacea: Oligostraca) from Caribbean reefs. 2017 , 47, 37-53		3

1979	Distinguishing between biochemical and cellular function: Are there peptide signatures for cellular function of proteins?. 2017 , 85, 682-693	1
1978	Population genomic insights into variation and evolution of <i>Xanthomonas oryzae</i> pv. <i>oryzae</i> . 2017 , 7, 40694	29
1977	Effect of soil moisture on root-associated fungal communities of <i>Erica dominans</i> in Drakensberg mountains in South Africa. 2017 , 27, 397-406	7
1976	Immunoglobulin light chain (IGL) genes in torafugu: Genomic organization and identification of a third teleost IGL isotype. 2017 , 7, 40416	2
1975	The voltage-sensitive dye RH421 detects a Na,K-ATPase conformational change at the membrane surface. 2017 , 1859, 813-823	10
1974	Molecular characterization of endophytic fungi associated with the roots of inhabiting the Atacama Desert, Chile. 2017 , 11, 109-112	60
1973	The DC1-domain protein VACUOLELESS GAMETOPHYTES is essential for development of female and male gametophytes in <i>Arabidopsis</i> . 2017 , 90, 261-275	8
1972	Domestication and human demographic history in South America. 2017 , 163, 44-52	15
1971	The complete chloroplast genome of <i>Lagerstroemia intermedia</i> (Lythraceae), a threatened species endemic to southwestern Yunnan province, China. 2017 , 9, 357-360	1
1970	VirusSeeker, a computational pipeline for virus discovery and virome composition analysis. 2017 , 503, 21-30	78
1969	Loss of GET pathway orthologs in causes root hair growth defects and affects SNARE abundance. 2017 , 114, E1544-E1553	38
1968	The complete mitochondrial genome of the widely cultivated edible fungus. 2017 , 2, 13-14	8
1967	Establishment of the complete life cycle of <i>Spirometra</i> (Cestoda: Diphyllbothriidae) in the laboratory using a newly isolated triploid clone. 2017 , 66, 116-118	5
1966	Genetic characterization of ovine herpesvirus 2 strains involved in water buffaloes malignant catarrhal fever outbreaks in Southern Italy. 2017 , 199, 31-35	4
1965	Zoonotic potential of <i>Enterocytozoon</i> genotypes in humans and pigs in Thailand. 2017 , 233, 73-79	23
1964	A new species of <i>Ophiognomonina</i> from Northern China inhabiting the lesions of chestnut leaves infected with <i>Diaporthe eres</i> . 2017 , 16, 83-91	6
1963	Regulation of the mammalian heat shock factor 1. 2017 , 284, 1606-1627	86
1962	The First Isolation and Characterisation of the Protist <i>Labyrinthula</i> sp. in Southeastern Australia. 2017 , 64, 504-513	10

1961	Integrative view of 2-oxoglutarate/Fe(II)-dependent oxygenase diversity and functions in bacteria. 2017 , 1861, 323-334	19
1960	Integrating genomic resources of flatfish (Pleuronectiformes) to boost aquaculture production. 2017 , 21, 41-55	12
1959	Characterization of a hyperthermophilic sulphur-oxidizing biofilm produced by archaea isolated from a hot spring. 2017 , 25, 58-63	8
1958	Genome sequence of the copper resistant and acid-tolerant sp. BG isolated from the tailings of a molybdenum-tungsten mine in the Transbaikal area. 2017 , 11, 106-108	6
1957	The Japanese Red Data book marine mollusk Japonacteon nipponensis and a Japonacteon population from Russia belong to the same species: Molecular evidence and recommendations for conservation. 2017 , 9, 82-89	1
1956	Cellular localization of relaxin-like gonad-stimulating peptide expression in <i>Asterias rubens</i> : New insights into neurohormonal control of spawning in starfish. 2017 , 525, 1599-1617	31
1955	In silico characterization of TTHA0596: A potential Zn ²⁺ binding protein of ATP-binding cassette transporter. 2017 , 6, 132-141	2
1954	<i>Isospora lunaris</i> n. sp. (Apicomplexa: Eimeriidae) from the domestic Java sparrow in Japan. 2017 , 66, 100-105	4
1953	Thermospermine enhances translation of SAC51 and SACL1 in <i>Arabidopsis</i> . 2017 , 12, e1276685	10
1952	High-throughput sequencing allowed the completion of the genome of grapevine Red Globe virus and revealed recurring co-infection with other tymoviruses in grapevine. 2017 , 66, 1202-1213	8
1951	Diverse genotypes of <i>Bradyrhizobium</i> nodulate herbaceous <i>Chamaecrista</i> (Moench) (Fabaceae, Caesalpinioideae) species in Brazil. 2017 , 40, 69-79	22
1950	Phylogeographic structure of <i>Canthon cyanellus</i> (Coleoptera: Scarabaeidae), a Neotropical dung beetle in the Mexican Transition Zone: Insights on its origin and the impacts of Pleistocene climatic fluctuations on population dynamics. 2017 , 109, 180-190	17
1949	Molecular cloning, characterization and antigenicity of <i>Babesia</i> sp. BQ1 (Lintan) (<i>Babesia</i> cf. <i>motasi</i>) apical membrane antigen-1 (AMA-1). 2017 , 144, 641-649	2
1948	Seroepidemiological and phylogenetic characterization of neurotropic enteroviruses in Ireland, 2005-2014. 2017 , 89, 1550-1558	8
1947	Co-inoculation of cellulolytic rumen bacteria with methanogenic sludge to enhance methanogenesis of rice straw. 2017 , 117, 224-235	22
1946	Baseline quasispecies selection and novel mutations contribute to emerging resistance-associated substitutions in hepatitis C virus after direct-acting antiviral treatment. 2017 , 7, 41660	19
1945	What killed Karl Patterson Schmidt? Combined venom gland transcriptomic, venomomic and antivenomic analysis of the South African green tree snake (the boomslang), <i>Dispholidus typus</i> . 2017 , 1861, 814-823	40
1944	HLA-G variability and haplotypes detected by massively parallel sequencing procedures in the geographically distinct population samples of Brazil and Cyprus. 2017 , 83, 115-126	27

1943	Fitness in invasive social wasps: the role of variation in viral load, immune response and paternity in predicting nest size and reproductive output. 2017 , 126, 1208-1218	20
1942	BciD Is a Radical S-Adenosyl-L-methionine (SAM) Enzyme That Completes Bacteriochlorophyllide e Biosynthesis by Oxidizing a Methyl Group into a Formyl Group at C-7. 2017 , 292, 1361-1373	20
1941	Diversification in arid mountains: biogeography and cryptic diversity of <i>Pristurus rupestris rupestris</i> in Arabia. 2017 , 44, 1694-1704	32
1940	Sediment Microbial Diversity of Three Deep-Sea Hydrothermal Vents Southwest of the Azores. 2017 , 74, 332-349	18
1939	A simple model system for identifying arbuscular mycorrhizal fungal taxa that actively colonize rice (<i>Oryza sativa</i> L.) roots grown in field soil. 2017 , 63, 29-36	5
1938	Molecular cloning and functional analysis of the drought tolerance gene MshSP70 from alfalfa (<i>Medicago sativa</i> L.). 2017 , 130, 387-396	23
1937	Integrated Anaerobic-Aerobic Biodegradation of Multiple Contaminants Including Chlorinated Ethylenes, Benzene, Toluene, and Dichloromethane. 2017 , 228, 25	38
1936	Survey of <i>Penicillia</i> associated with Italian grana cheese. 2017 , 246, 25-31	19
1935	The complete chloroplast genome sequence of semi-wild soybean, <i>Glycine gracilis</i> (Fabales: Fabaceae). 2017 , 9, 343-345	5
1934	Origin and evolutionary dynamics of Hepatitis B virus (HBV) genotype E in Madagascar. 2017 , 111, 23-30	0
1933	The interplay between natural and sexual selection in the evolution of sexual size dimorphism in lizards (Squamata: Phrynosomatidae). 2017 , 7, 905-917	20
1932	Plants contain small families of UPF0016 proteins including the PHOTOSYNTHESIS AFFECTED MUTANT71 transporter. 2017 , 12, e1278101	11
1931	Efficient Low-pH Iron Removal by a Microbial Iron Oxide Mound Ecosystem at Scalp Level Run. 2017 , 83,	15
1930	Integrated genomics-based mapping reveals the genetics underlying maize flavonoid biosynthesis. 2017 , 17, 17	21
1929	Characterization of LuxI and LuxR Protein Homologs of N-Acylhomoserine Lactone-Dependent Quorum Sensing System in <i>Pseudoalteromonas</i> sp. 520P1. 2017 , 19, 1-10	21
1928	Genetic diversity and molecular epidemiology of <i>Anaplasma</i> . 2017 , 49, 195-211	90
1927	Exploring the genomic diversity of black yeasts and relatives (,). 2017 , 86, 1-28	93
1926	Novel thermostable antibiotic resistance enzymes from the Atlantis II Deep Red Sea brine pool. 2017 , 10, 189-202	15

1925	Characterization of CYP115 As a Gibberellin 3-Oxidase Indicates That Certain Rhizobia Can Produce Bioactive Gibberellin A. 2017 , 12, 912-917	20
1924	Sumoylation of RNA Polymerase Promotes Viral Infection by Counteracting the Host NPR1-Mediated Immune Response. 2017 , 29, 508-525	48
1923	<i>Enterobacter cloacae</i> Complex Isolates Harboring or -Type Class A Carbapenemase Genes on Novel Chromosomal Integrative Elements and Plasmids. 2017 , 61,	22
1922	Recent progress in diatom genomics and epigenomics. 2017 , 36, 46-55	22
1921	Characterization of two complete <i>Isoospora</i> mitochondrial genomes from passerine birds: <i>Isoospora serinuse</i> in a domestic canary and <i>Isoospora manorinae</i> in a yellow-throated miner. 2017 , 237, 137-142	7
1920	RNA sequencing analysis of transcriptional change in the freshwater mussel <i>Elliptio complanata</i> after environmentally relevant sodium chloride exposure. 2017 , 36, 2352-2366	8
1919	<i>Aphelenchoides gorganensis</i> n. sp. (Nematoda: Aphelenchoididae), a new species from Iran. 2017 , 149, 157-169	7
1918	Occurrence of Grapevine Pinot gris virus in Poland and description of asymptomatic exhibitions in grapevines. 2017 , 124, 407-411	9
1917	Occurrence of a lethal ranavirus in hybrid mandarin (<i>Siniperca scherzeri</i> / <i>Siniperca chuatsi</i>) in Guangdong, South China. 2017 , 203, 28-33	6
1916	The complete genome sequence of the yogurt isolate ACA-DC 2. 2017 , 12, 18	10
1915	Development of a Rapid Identification Method for the Differentiation of <i>Enterococcus</i> Species Using a Species-Specific Multiplex PCR Based on Comparative Genomics. 2017 , 74, 476-483	8
1914	Identification of a New Virulent Clade in Enterohemorrhagic <i>Escherichia coli</i> O26:H11/H- Sequence Type 29. 2017 , 7, 43136	17
1913	Pathogens of brown algae: culture studies of <i>Anisopidium ectocarpii</i> and <i>A. rosenvingei</i> reveal that the Anisopidiales are uniflagellated oomycetes. 2017 , 52, 133-148	14
1912	Canker Stain: A Lethal Disease Destroying Iconic Plane Trees. 2017 , 101, 645-658	38
1911	Adaptive divergence in wine yeasts and their wild relatives suggests a prominent role for introgressions and rapid evolution at noncoding sites. 2017 , 26, 2167-2182	23
1910	Characterization of tomato apical stunt viroid isolated from a 24-year old seed lot of <i>Capsicum annum</i> . 2017 , 162, 1741-1744	6
1909	Isolation and molecular characterization of pathogenesis related PR2 gene and its promoter from <i>Brassica juncea</i> . 2017 , 61, 763-773	14
1908	<i>Mayarhynchus karlae</i> n. g., n. sp. (Acanthocephala: Neoechinorhynchidae), a parasite of cichlids (Perciformes: Cichlidae) in southeastern Mexico, with comments on the paraphyly of <i>Neoechinorhynchus</i> Stiles & Hassall, 1905. 2017 , 94, 351-365	13

1907	Issues with RNA-seq analysis in non-model organisms: A salmonid example. 2017 , 75, 38-47	4
1906	The complete mitochondrial genome of the edible Basidiomycete mushroom. 2017 , 2, 103-105	4
1905	<i>Desulfobulbus aggregans</i> sp. nov., a Novel Sulfate Reducing Bacterium Isolated from Marine Sediment from the Gulf of Gabes. 2017 , 74, 449-454	16
1904	Mitochondrial haplotypes of <i>Aelurostrongylus abstrusus</i> and <i>Troglostrongylus brevior</i> (Nematoda, Metastrongyloidea) from domestic and wild felids. 2017 , 116, 1227-1235	13
1903	The complete mitochondrial genome of <i>Euphlyctis karaavali</i> (Amphibia: Anura) with a note on its range expansion. 2017 , 9, 427-430	4
1902	The <i>Rhizobium leucaenae</i> CFN 299 pSym plasmid contains genes expressed in free life and symbiosis, as well as two replication systems. 2017 , 67, 263-273	2
1901	Molecular characterization of the unique <i>Mesostephanus appendiculatus</i> (Trematoda: Cyathocotylidae) by small ribosomal RNA from Egypt. 2017 , 116, 1129-1136	1
1900	Conservation implications of significant population differentiation in an endangered estuarine seahorse. 2017 , 26, 1275-1293	14
1899	Platypus and opossum calcitonins exhibit strong activities, even though they belong to mammals. 2017 , 246, 270-278	
1898	Papaya ringspot virus Populations From East Timorese and Northern Australian Cucurbit Crops: Biological and Molecular Properties, and Absence of Genetic Connectivity. 2017 , 101, 985-993	21
1897	Low genetic diversity but strong population structure reflects multiple introductions of western flower thrips (Thysanoptera: Thripidae) into China followed by human-mediated spread. 2017 , 10, 391-401	21
1896	Biological and Molecular Properties of a Turnip mosaic virus (TuMV) Strain that Breaks TuMV Resistances in <i>Brassica napus</i> . 2017 , 101, 674-683	18
1895	Redox regulation of SurR by protein disulfide oxidoreductase in <i>Thermococcus onnurineus</i> NA1. 2017 , 21, 491-498	6
1894	Carriage of type II toxin-antitoxin systems by the growing group of IncX plasmids. 2017 , 91, 19-27	17
1893	Development of a common carp (<i>Cyprinus carpio</i>) pregnane X receptor (cPXR) transactivation reporter assay and its activation by azole fungicides and pharmaceutical chemicals. 2017 , 41, 114-122	11
1892	<i>Praobdellidae</i> (Hirudinida: Arhynchobdellida) is not specific only to the mucous-membrane after all: Discovery of a praobdellid leech feeding on the Japanese freshwater crab <i>Geothelphusa dehaani</i> . 2017 , 66, 210-213	5
1891	Statoviruses, A novel taxon of RNA viruses present in the gastrointestinal tracts of diverse mammals. 2017 , 504, 36-44	11
1890	Troponin-I is present as an essential component of muscles in echinoderm larvae. 2017 , 7, 43563	7

1889	Biochemical and structural analyses of a bacterial - β 1,2-glucanase reveal a new glycoside hydrolase family. 2017 , 292, 7487-7506	30
1888	Zucchini yellow mosaic virus Populations from East Timorese and Northern Australian Cucurbit Crops: Molecular Properties, Genetic Connectivity, and Biosecurity Implications. 2017 , 101, 1236-1245	19
1887	Identification and Characterization of Citrus tristeza virus Isolates Breaking Resistance in Trifoliolate Orange in California. 2017 , 107, 901-908	27
1886	Genetic variability in E6, E7 and L1 genes of Human Papillomavirus 62 and its prevalence in Mexico. 2017 , 12, 15	6
1885	Quorum sensing of microalgae associated marine Ponticoccus sp. PD-2 and its algicidal function regulation. 2017 , 7, 59	24
1884	Expression of the heterologous <i>Dunaliella tertiolecta</i> fatty acyl-ACP thioesterase leads to increased lipid production in <i>Chlamydomonas reinhardtii</i> . 2017 , 247, 60-67	39
1883	Description of new genera and species of marine cyanobacteria from the Portuguese Atlantic coast. 2017 , 111, 18-34	38
1882	Morphological and molecular description of <i>Ixodes woyliei</i> n. sp. (Ixodidae) with consideration for co-extinction with its critically endangered marsupial host. 2017 , 10, 70	25
1881	Molecular Convergent Evolution of the MYBPC2 Gene Among Three High-Elevation Amphibian Species. 2017 , 84, 139-143	2
1880	Engineering of β -carotene hydroxylase and ketolase for astaxanthin overproduction in <i>Saccharomyces cerevisiae</i> . 2017 , 11, 89-99	29
1879	A novel anti-lipopolysaccharide factor SpALF6 in mud crab <i>Scylla paramamosain</i> exhibiting different antimicrobial activity from its single amino acid mutant. 2017 , 72, 44-56	29
1878	Molecular cloning and expression analysis of toll-like receptor genes (TLR7, TLR8 and TLR9) of golden pompano (<i>Trachinotus ovatus</i>). 2017 , 63, 270-276	23
1877	Identifying different transcribed proteins in the newly described Theraphosidae <i>Pamphobeteus verdolaga</i> . 2017 , 129, 81-88	4
1876	Novel characteristics of the avian gyrovirus 2 genome. 2017 , 7, 41068	9
1875	Colour polymorphism and genetic relationships among twelve subspecies of <i>Callosiurus finlaysonii</i> in Thailand. 2017 , 85, 6-13	6
1874	A new genome-mining tool redefines the lasso peptide biosynthetic landscape. 2017 , 13, 470-478	224
1873	Fonni dog: morphological and genetic characteristics for a breed standard definition. 2017 , 16, 22-30	6
1872	Strawberry vein banding virus isolates in eastern Canada are molecularly divergent from other isolates. 2017 , 162, 1777-1781	5

1871	A snapshot of <i>Chlamydia trachomatis</i> genetic diversity using multilocus sequence type analysis in an Australian metropolitan setting. 2017 , 36, 1297-1303	2
1870	Evolution of thyroid hormone distributor proteins. 2017 , 459, 43-52	13
1869	Cryptic diversity and discordance in single-locus species delimitation methods within horned lizards (Phrynosomatidae: Phrynosoma). 2017 , 17, 1168-1182	77
1868	Antigenic and genotypic characterization of rabies virus isolated from bats (Mammalia: Chiroptera) from municipalities in S Paulo State, Southeastern Brazil. 2017 , 162, 1201-1209	4
1867	The MiiA motif is a common marker present in polytopic surface proteins of oral and urinary tract invasive bacteria. 2017 , 49, 283-292	2
1866	Post-translational modification of ribosomally synthesized peptides by a radical SAM epimerase in <i>Bacillus subtilis</i> . 2017 , 9, 698-707	56
1865	High-throughput sequencing of multiple amplicons for barcoding and integrative taxonomy. 2017 , 7, 41948	59
1864	Environmental DNA genetic monitoring of the nuisance freshwater diatom, <i>Didymosphenia geminata</i> , in eastern North American streams. 2017 , 23, 381-393	11
1863	Revisiting the Regulation of the Primary Scaffoldin Gene in <i>Clostridium thermocellum</i> . 2017 , 83,	7
1862	Virus Hunting: Discovery of New Episomal Circular Viruses by Rolling Circle Techniques. 2017 , 44, 1E.12.1-1E.12;18	
1861	Redescription of <i>Babesia ardeae</i> Toumanoff, 1940, a parasite of Ardeidae, including molecular characterization. 2017 , 116, 1089-1097	9
1860	Genetic properties and pathogenicity of a novel reassortant H10N5 influenza virus from wild birds. 2017 , 162, 1349-1353	4
1859	Microaerophilic Fe(II)-Oxidizing Zetaproteobacteria Isolated from Low-Fe Marine Coastal Sediments: Physiology and Composition of Their Twisted Stalks. 2017 , 83,	22
1858	Characterization and function analysis of a novel gene, Hc-maoc-1, in the parasitic nematode <i>Haemonchus contortus</i> . 2017 , 10, 67	10
1857	<i>Bradyrhizobium centrolobii</i> and <i>Bradyrhizobium macuxiense</i> sp. nov. isolated from <i>Centrolobium paraense</i> grown in soil of Amazonia, Brazil. 2017 , 199, 657-664	15
1856	Esterase activity inspired selection and characterization of zearalenone degrading bacteria <i>Bacillus pumilus</i> ES-21. 2017 , 77, 57-64	32
1855	Functional characterization of AGAMOUS-subfamily members from cotton during reproductive development and in response to plant hormones. 2017 , 30, 19-39	10
1854	<i>mecA</i> -related structure in methicillin-resistant coagulase-negative staphylococci from street food in Taiwan. 2017 , 7, 42205	9

1853	Molecular markers useful to discriminate <i>Coffea arabica</i> cultivars with high genetic similarity. 2017 , 213, 1	13
1852	The Pivotal Role of Protein Phosphorylation in the Control of Yeast Central Metabolism. 2017 , 7, 1239-1249	14
1851	Conserve primers for sequencing complete ungulate mitochondrial cytochrome c oxidase I (COI) gene from problematic and decomposed biological samples. 2017 , 2, 64-66	7
1850	A modification of the PHYLIP program: A solution for the redundant cluster problem, and an implementation of an automatic bootstrapping on trees inferred from original data. 2017 , 109, 409-414	21
1849	Isolation, identification and pathogenicity of <i>Vibrio harveyi</i> , the causal agent of skin ulcer disease in juvenile hybrid groupers <i>Epinephelus fuscoguttatus</i> \times <i>Epinephelus lanceolatus</i> . 2017 , 40, 1351-1362	37
1848	Genetic and virulence characterization of classical swine fever viruses isolated in Mongolia from 2007 to 2015. 2017 , 53, 418-425	9
1847	Divergence of annual and perennial species in the Brassicaceae and the contribution of cis-acting variation at FLC orthologues. 2017 , 26, 3437-3457	40
1846	Ecological and Evolutionary Insights into <i>Xanthomonas citri</i> Pathovar Diversity. 2017 , 83,	22
1845	Detection and genome characterization of four novel bat hepadnaviruses and a hepevirus in China. 2017 , 14, 40	37
1844	Morphological and molecular characterization of four <i>Sarcocystis</i> spp., including <i>Sarcocystis linearis</i> n. sp., from roe deer (<i>Capreolus capreolus</i>) in Italy. 2017 , 116, 1317-1338	19
1843	Characterization of the complete mitochondrial genome of <i>Discogobio longibarbatus</i> (Cypriniformes, Cyprinidae), an endangered and endemic species from China. 2017 , 9, 447-449	2
1842	Isolation of a non-traditional sulfate reducing-bacteria <i>Citrobacter freundii</i> sp. and bioremoval of thallium and sulfate. 2017 , 102, 397-403	22
1841	Whole genome sequences of three Clade 3 <i>Clostridium difficile</i> strains carrying binary toxin genes in China. 2017 , 7, 43555	18
1840	Ecology and pathology of <i>Phytophthora</i> ITS clade 3 species in forests in western Oregon, USA. 2017 , 109, 100-114	13
1839	Characterization of <i>Enterococcus faecalis</i> isolated from the cloaca of 'fancy breeds' and confined chickens. 2017 , 122, 1149-1158	6
1838	Implications of human evolution and admixture for mitochondrial replacement therapy. 2017 , 18, 140	30
1837	Comparative genomics of canine hemoglobin genes reveals primacy of beta subunit delta in adult carnivores. 2017 , 18, 141	4
1836	Complete nucleotide sequence of clematis chlorotic mottle virus, a new member of the family Tombusviridae. 2017 , 162, 1373-1379	4

1835	Characterization of a New Nepovirus Causing a Leaf Mottling Disease in <i>Petunia hybrida</i> . 2017 , 101, 1017-10213	
1834	First Report of Papaya ringspot virus Associated With a Ringspot Disease of Zucchini in Northern China. 2017 , 101, 847	2
1833	Complete mitochondrial genomes of prasinophyte algae <i>Pyramimonas parkeae</i> and <i>Cymbomonas tetramitiformis</i> . 2017 , 53, 601-615	6
1832	Putative new species of the genus <i>Dickeya</i> as major soft rot pathogens in <i>Phalaenopsis</i> orchid production. 2017 , 66, 1357-1368	11
1831	Searching for novel photolyases in UVC-resistant Antarctic bacteria. 2017 , 21, 409-418	33
1830	Emergence of multi drug resistance among soil bacteria exposing to insecticides. 2017 , 105, 153-165	29
1829	Phytochelatin 2 accumulates in roots of the seagrass <i>Enhalus acoroides</i> collected from sediment highly contaminated with lead. 2017 , 30, 249-260	6
1828	Budburst phenology and host use by <i>Operophtera brumata</i> (Linnaeus, 1758) (Lepidoptera: Geometridae) in three Mediterranean oak species. 2017 , 74, 1	4
1827	Sequencing and comparative genomics analysis of the IncHI2 plasmids pT5282- <i>mphA</i> and p112298- <i>catA</i> and the IncHI5 plasmid pYNKP001- <i>dfrA</i> . 2017 , 49, 709-718	31
1826	Emission of extensively-drug-resistant <i>Acinetobacter baumannii</i> from hospital settings to the natural environment. 2017 , 96, 323-327	39
1825	Molecular Characterization and Variation of the Celiac Disease Epitope Domains among β -Gliadin Genes in <i>Aegilops tauschii</i> . 2017 , 65, 3422-3429	4
1824	Citrus leprosis virus N: A New Dichorhavirus Causing Citrus Leprosis Disease. 2017 , 107, 963-976	37
1823	Identifying connexin expression and determining gap junction intercellular communication in rainbow trout cells. 2017 , 53, 406-416	0
1822	A new species of the genus <i>Microhyla</i> (Anura: Microhylidae) from Eastern Nepal. 2017 , 4254, 221-239	15
1821	Molecular cloning, structural modeling, and expression analysis of MyD88 and IRAK4 of golden pompano (<i>Trachinotus ovatus</i>). 2017 , 74, 19-24	15
1820	A comparison of the adaptations of strains of <i>Lymantria dispar</i> multiple nucleopolyhedrovirus to hosts from spatially isolated populations. 2017 , 146, 41-46	10
1819	Resolution of the Identity of 'Candidatus <i>Liberibacter</i> ' Species From Huanglongbing-Affected Citrus in East Africa. 2017 , 101, 1481-1488	15
1818	Genetic Stability and Evolution of the Allele, Used for <i>Listeria Sensu Stricto</i> Subtyping and Phylogenetic Inference. 2017 , 83,	15

1817	Overexpression of a Domain of Unknown Function 266-containing protein results in high cellulose content, reduced recalcitrance, and enhanced plant growth in the bioenergy crop. 2017 , 10, 74	14
1816	Genetic evidence supporting the taxonomic separation of the Arabian and Northwest African subspecies of the desert hedgehog (<i>Paraechinus aethiopicus</i>). 2017 , 620, 54-65	6
1815	Functional and evolutionary characterization of Ohr proteins in eukaryotes reveals many active homologs among pathogenic fungi. 2017 , 12, 600-609	10
1814	Crimean-Congo hemorrhagic fever virus in ticks in Turkey: A broad range tick surveillance study. 2017 , 52, 59-66	22
1813	Review of Indo-Pacific dwarf lionfishes (<i>Scorpaenidae</i> : <i>Pteroinae</i>) in the <i>Dendrochirus brachypterus</i> complex, with description of a new species from the western Indian Ocean. 2017 , 64, 369-414	6
1812	Cryptic diversity in Amazonian frogs: Integrative taxonomy of the genus <i>Anomaloglossus</i> (Amphibia: Anura: Aromobatidae) reveals a unique case of diversification within the Guiana Shield. 2017 , 112, 158-173	37
1811	Susceptibility and initial immune response of <i>Tupaia belangeri</i> cells to dengue virus infection. 2017 , 51, 203-210	11
1810	Releasing the potential power of terpene synthases by a robust precursor supply platform. 2017 , 42, 1-8	67
1809	Molecular evolutionary mechanisms driving functional diversification of β -glucosidase in Lepidoptera. 2017 , 7, 45787	9
1808	Evolutionary changes in lamin expression in the vertebrate lineage. 2017 , 8, 392-403	2
1807	Molecular control of gut formation in the spider <i>Parasteatoda tepidariorum</i> . 2017 , 55, e23033	9
1806	Sirtuins in the phylum Basidiomycota: A role in virulence in <i>Cryptococcus neoformans</i> . 2017 , 7, 46567	11
1805	The Lon protease-like domain in the bacterial RecA paralog RadA is required for DNA binding and repair. 2017 , 292, 9801-9814	10
1804	Physiological characterization of a halotolerant anoxygenic phototrophic Fe(II)-oxidizing green-sulfur bacterium isolated from a marine sediment. 2017 , 93,	15
1803	Three new active members of the I-OnuI family of homing endonucleases. 2017 , 63, 671-681	2
1802	The R2R3-MYB TT2b and the bHLH TT8 genes are the major regulators of proanthocyanidin biosynthesis in the leaves of <i>Lotus</i> species. 2017 , 246, 243-261	18
1801	The complete genome sequence of a novel virus, bellflower veinal mottle virus, suggests the existence of a new genus within the family Potyviridae. 2017 , 162, 2457-2461	12
1800	IncX2 and IncX1-X2 Hybrid Plasmids Coexisting in a FosA6-Producing <i>Escherichia coli</i> Strain. 2017 , 61,	10

- 1799 Microbial survey of ready-to-eat salad ingredients sold at retail reveals the occurrence and the persistence of *Listeria monocytogenes* Sequence Types 2 and 87 in pre-packed smoked salmon. **2017**, 17, 46 23
- 1798 Phylogenetic analysis and survey of *Apis cerana* strain of Sacbrood virus (AcSBV) in Taiwan suggests a recent introduction. **2017**, 146, 36-40 9
- 1797 2-Alkylquinolone alkaloid biosynthesis in the medicinal plant involves collaboration of two novel type III polyketide synthases. **2017**, 292, 9117-9135 10
- 1796 A New Species of *Orobdella* (Hirudinida: Arhynchobdellida: Orobdellidae) from Japan Reveals the Function of the *Orobdella* Gastroporal Duct. **2017**, 34, 161-172 4
- 1795 Antimicrobial resistance and genetic diversity of the SXT element in *Vibrio cholerae* from clinical and environmental water samples in northeastern Thailand. **2017**, 52, 89-95 13
- 1794 Contrasting evolutionary genome dynamics between domesticated and wild yeasts. **2017**, 49, 913-924 178
- 1793 *Hyphodontia* s.l. (Hymenochaetales, Basidiomycota): 35 new combinations and new keys to all 120 current species. **2017**, 16, 637-666 17
- 1792 Genome-Wide Analysis Provides Evidence on the Genetic Relatedness of the Emergent *Xylella fastidiosa* Genotype in Italy to Isolates from Central America. **2017**, 107, 816-827 44
- 1791 The complete chloroplast genome of the green microalgae strain SQ. **2017**, 2, 225-226 1
- 1790 Species of *Philometra* (Nematoda, Philometridae) from fishes off the Mediterranean coast of Africa, with a description of *Philometra rara* n. sp. from *Hyporthodus haifensis* and a molecular analysis of *Philometra saltatrix* from *Pomatomus saltatrix*. **2017**, 24, 8 7
- 1789 Identification of *Lasiodiplodia pseudotheobromae* causing mango dieback in Korea. **2017**, 39, 241-245 10
- 1788 Beet curly top virus Strains Associated with Sugar Beet in Idaho, Oregon, and a Western U.S. Collection. **2017**, 101, 1373-1382 13
- 1787 Local genes for local bacteria: Evidence of allopatry in the genomes of transatlantic *Campylobacter* populations. **2017**, 26, 4497-4508 20
- 1786 Deciphering MCR-2 Colistin Resistance. **2017**, 8, 53
- 1785 Molecular confirmation of *Sarcocystis fayeri* in a donkey. **2017**, 240, 30-33 2
- 1784 Single-Target and Multiplex Discrimination of Whiteflies (Hemiptera: Aleyrodidae) *Bemisia tabaci* and *Trialeurodes vaporariorum* With Modified Priming Oligonucleotide Thermodynamics. **2017**, 110, 1821-1830 7
- 1783 Integrative systematic analyses of the genus *Chodsigoa* (Mammalia: Eulipotyphla: Soricidae), with descriptions of new species. **2017**, 180, 694-713 9
- 1782 Emergence of cytochrome bc complexes in the context of photosynthesis. **2017**, 161, 150-170 9

1781	Genetic and Epidemiologic Trends of Norovirus Outbreaks in the United States from 2013 to 2016 Demonstrated Emergence of Novel GII.4 Recombinant Viruses. 2017 , 55, 2208-2221	153
1780	First records of <i>Synthesiomyia nudiseta</i> (Diptera: Muscidae) from forensic cases in Italy. 2017 , 276, e1-e7	13
1779	In vitro characterization of grass carp (<i>Ctenopharyngodon idella</i>) IL-26 in regulating inflammatory factors. 2017 , 66, 148-155	3
1778	Genomic and antigenic characterization of bovine parainfluenza-3 viruses in the United States including modified live virus vaccine (MLV) strains and field strains from cattle. 2017 , 235, 77-81	9
1777	Evolution of the functionally conserved DCC gene in birds. 2017 , 7, 42029	5
1776	Quinone oxidoreductase 2 is involved in haustorium development of the parasitic plant <i>Phtheirospermum japonicum</i> . 2017 , 12, e1319029	13
1775	<i>Fusarium temperatum</i> isolated from maize in France. 2017 , 148, 997-1001	10
1774	A New Parasitic Chytrid, <i>Staurastromyces oculus</i> (Rhizophydiales, Staurastromycetaceae fam. nov.), Infecting the Freshwater Desmid <i>Staurastrum</i> sp. 2017 , 168, 392-407	20
1773	Nonsynonymous changes of equine lentivirus receptor-1 (ELR1) gene in amino acids involved in the interaction with equine infectious anemia virus (EIAV). 2017 , 112, 185-191	
1772	Complete mitochondrial genome and taxonomic revision of <i>Cardiodactylus muiri</i> Otte, 2007 (Gryllidae: Eneopterinae: Lebinthini). 2017 , 4268, 101-116	3
1771	Survey, symptomatology, transmission, host range and characterization of begomovirus associated with yellow mosaic disease of ridge gourd in southern India. 2017 , 28, 146-155	14
1770	Emergence of a new multidrug-resistant and highly virulent serotype of <i>Streptococcus agalactiae</i> in fish farms from Brazil. 2017 , 479, 45-51	41
1769	Identification and molecular characterization of novel primate bocaparvoviruses from wild western lowland gorillas of Moukalaba-Doudou National Park, Gabon. 2017 , 53, 30-37	4
1768	Complete genome sequences of two avian infectious bronchitis viruses isolated in Egypt: Evidence for genetic drift and genetic recombination in the circulating viruses. 2017 , 53, 7-14	22
1767	Humoral cross-reactivity between Zika and dengue viruses: implications for protection and pathology. 2017 , 6, e33	82
1766	Metal homeostasis in bacteria: the role of ArsR-SmtB family of transcriptional repressors in combating varying metal concentrations in the environment. 2017 , 30, 459-503	22
1765	PCR assay for direct specific detection of <i>Bradyrhizobium elite</i> strain BR 3262 in root nodule extracts of soil-grown cowpea. 2017 , 417, 535-548	2
1764	The developmental biology of genetic Notch disorders. 2017 , 144, 1743-1763	102

1763	Identification of dimethylamine monooxygenase in marine bacteria reveals a metabolic bottleneck in the methylated amine degradation pathway. 2017 , 11, 1592-1601	14
1762	Evidence for a role of oestrogen receptor-related receptor in the regulation of male sexual behaviour in the moth <i>Agrotis ipsilon</i> . 2017 , 26, 403-413	8
1761	A complete survey of normal pores on a smooth shell ostracod (Crustacea): Landmark-based versus outline geometric morphometrics. 2017 , 278, 1091-1104	5
1760	Isolation, purification, and characterization of staphylocoagulase, a blood coagulating protein from <i>Staphylococcus</i> sp. MBBJP S43. 2017 , 102, 1312-1321	2
1759	Sequence-based species delineation and molecular phylogenetics of the transitional Nearctic≠eotropical grasshopper genus <i>Taeniopoda</i> (Orthoptera, Romaleidae). 2017 , 15, 600-617	5
1758	Expression, immunogenicity and variation of iron-regulated surface protein A from bovine isolates of <i>Staphylococcus aureus</i> . 2017 , 364,	6
1757	A gapA PCR-sequencing Assay for Identifying the <i>Dickeya</i> and <i>Pectobacterium</i> Potato Pathogens. 2017 , 101, 1278-1282	34
1756	Integrative taxonomy improves understanding of native beneficial fauna: revision of the Nearctic <i>Peristenus pallipes</i> complex (Hymenoptera: Braconidae) and implications for release of exotic biocontrol agents. 2017 , 42, 596-608	7
1755	Genome specific PPARB duplicates in salmonids and insights into estrogenic regulation in brown trout. 2017 , 208-209, 94-101	8
1754	Ribosomal background of the <i>Bacillus cereus</i> group thermotypes. 2017 , 7, 46430	14
1753	Single-cell sequencing deciphers a convergent evolution of copy number alterations from primary to circulating tumor cells. 2017 , 27, 1312-1322	58
1752	Truffle biogeography-A case study revealing ecological niche separation of different species. 2017 , 7, 4275-4288	9
1751	Selectivity determinants of GPCR-G-protein binding. 2017 , 545, 317-322	207
1750	An Adenosine Receptor for Olfaction in Fish. 2017 , 27, 1437-1447.e4	50
1749	Genetic diversity of indigenous soybean-nodulating <i>Bradyrhizobium elkanii</i> from southern Japan and Nueva Ecija, Philippines. 2017 , 417, 349-362	4
1748	Three new species of <i>Hyphodontia</i> s.l. (Basidiomycota) with poroid or raduloid hymenophore. 2017 , 16, 553-564	11
1747	Population Dynamics of <i>Staphylococcus aureus</i> in Cystic Fibrosis Patients To Determine Transmission Events by Use of Whole-Genome Sequencing. 2017 , 55, 2143-2152	21
1746	Detecting and Differentiating Phytoplasmas Belonging to Subgroups 16SrIV-A and 16SrIV-D Associated With Lethal Declines of Palms in Florida Using qPCR and High-Resolution Melt Analysis (HRMA). 2017 , 101, 1449-1454	16

1745	Phylogeography of the dry vegetation endemic species <i>Nephila sexpunctata</i> (Araneae: Araneidae) suggests recent expansion of the Neotropical Dry Diagonal. 2017 , 44, 2007-2020	14
1744	Detection of Toscana virus from an adult traveler returning to Australia with encephalitis. 2017 , 89, 1861-1864	4
1743	Herpesviral capture of immunomodulatory host genes. 2017 , 53, 762-773	13
1742	Genetic diversity and population structure of <i>Indigofera szechuensis</i> complex (Fabaceae) based on EST-SSR markers. 2017 , 624, 26-33	3
1741	Sensory genes identification with head transcriptome of the migratory armyworm, <i>Mythimna separata</i> . 2017 , 7, 46033	20
1740	Pan-Genomic Approaches in <i>Lactobacillus reuteri</i> as a Porcine Probiotic: Investigation of Host Adaptation and Antipathogenic Activity. 2017 , 74, 709-721	10
1739	Whole genome sequencing and functional features of UMX-103: a new <i>Bacillus</i> strain with biosurfactant producing capability. 2017 , 39, 877-886	1
1738	Wide variety of recombinant strains of norovirus GII in pediatric patients hospitalized with acute gastroenteritis in Thailand during 2005 to 2015. 2017 , 52, 44-51	16
1737	Newly identified invertebrate-type lysozyme (Splys-i) in mud crab (<i>Scylla paramamosain</i>) exhibiting muramidase-deficient antimicrobial activity. 2017 , 74, 154-166	16
1736	Epidemiological features and genetic characterization of virus strains in rotavirus associated gastroenteritis in children of Odisha in Eastern India. 2017 , 53, 77-84	6
1735	The role of dissimilatory arsenate reducing bacteria in the biogeochemical cycle of arsenic based on the physiological and functional analysis of <i>Aeromonas</i> sp. O23A. 2017 , 598, 680-689	16
1734	Convergently Evolved Toxic Secondary Metabolites in Plants Drive the Parallel Molecular Evolution of Insect Resistance. 2017 , 190, S29-S43	27
1733	First record of the ant cricket <i>Myrmecophilus</i> (<i>Myrmecophilina</i>) <i>americanus</i> (Orthoptera: Myrmecophilidae) in Mexico. 2017 , 4258, 195-200	0
1732	Genetic variants of type IV secretion system components CagL and CagI and their association with clinical outcomes. 2017 , 9, 21	15
1731	The Tadpole of the Microendemic, Bromeligenous <i>Crossodactylodes itambe</i> (Anura, Leptodactylidae) from the Endangered Campo Rupestre of Southeastern Brazil, with Additional Comments on Natural History. 2017 , 12, 14-23	6
1730	Complete genome sequence of jacquemontia yellow vein virus, a novel begomovirus infecting <i>Jacquemontia tamnifolia</i> in Venezuela. 2017 , 162, 2463-2466	3
1729	Isolation and Molecular Characterization of Biosurfactant-Producing Bacterial Diversity of Fimkassar Oil Field, Pakistan. 2017 , 42, 2349-2359	5
1728	Rhythmic expressed clock regulates the transcription of proliferating cellular nuclear antigen in teleost retina. 2017 , 160, 21-30	5

1727	Complete Genome Sequences of Strains Isolated from Rhesus Macaques. 2017 , 5,	1
1726	Molecular and morphological data suggest weak phylogeographic structure in the fairy shrimp <i>Streptocephalus torvicornis</i> (Branchiopoda, Anostraca). 2017 , 801, 21-32	11
1725	The genome sequence of <i>Agrotis segetum</i> granulovirus, isolate AgseGV-DA, reveals a new Betabaculovirus species of a slow killing granulovirus. 2017 , 146, 58-68	4
1724	The axon degeneration gene <i>SARM1</i> is evolutionarily distinct from other TIR domain-containing proteins. 2017 , 292, 909-922	10
1723	Characterization of Colombian serotype 1 avian paramyxoviruses, 2008-2010. 2017 , 53, 584-592	1
1722	Seroepidemiology and molecular characterization of hepatitis E virus infection in swine and occupationally exposed workers in Punjab, India. 2017 , 64, 662-672	14
1721	Comparative Genomics of <i>Chrysochromulina Ericina</i> Virus and Other Microalga-Infecting Large DNA Viruses Highlights Their Intricate Evolutionary Relationship with the Established Mimiviridae Family. 2017 , 91,	37
1720	A novel East African monopartite begomovirus-betasatellite complex that infects <i>Vernonia amygdalina</i> . 2017 , 162, 1079-1082	1
1719	Analysis of complete genome sequences of G9P[19] rotavirus strains from human and piglet with diarrhea provides evidence for whole-genome interspecies transmission of nonreassorted porcine rotavirus. 2017 , 47, 99-108	15
1718	Characterization of canine coronavirus spread among domestic dogs in Vietnam. 2017 , 79, 343-349	14
1717	The complete chloroplast genome sequence and phylogenetic analysis of (Sheh et Shan). 2017 , 23, 35-41	9
1716	Isolation and identification of anaerobic bacteria from coconut wastewater factory for ethanol, butanol and 2, 3 butanediol production. 2017 , 119, 461-466	6
1715	New data on flatfish scuticociliatosis reveal that and are different species. 2017 , 144, 1394-1411	15
1714	Abundance, genetic diversity and sensitivity to demethylation inhibitor fungicides of <i>Aspergillus fumigatus</i> isolates from organic substrates with special emphasis on compost. 2017 , 73, 2481-2494	9
1713	The role of lipid metabolism during parental care in two species of burying beetle (<i>Nicrophorus</i> spp.). 2017 , 129, 143-149	5
1712	Complex Sexual Deception in an Orchid Is Achieved by Co-opting Two Independent Biosynthetic Pathways for Pollinator Attraction. 2017 , 27, 1867-1877.e5	38
1711	Knockdown of a metathoracic scent gland desaturase enhances the production of (E)-4-oxo-2-hexenal and suppresses female sexual attractiveness in the plant bug <i>Adelphocoris suturalis</i> . 2017 , 26, 642-653	7
1710	Identification and antifungal activity analysis of two biocontrol antagonists to <i>Colletotrichum musae</i> . 2017 , 165, 554-561	6

1709	Functional Analysis of a Novel β (1,3)-Glucanase from <i>Corallocooccus</i> sp. Strain EGB Containing a Fascin-Like Module. 2017 , 83,	10
1708	Minimal barcode distance between two water mite species from Madeira Island: a cautionary tale. 2017 , 72, 133-143	8
1707	Limited MHC class I intron 2 repertoire variation in bonobos. 2017 , 69, 677-688	12
1706	Molecular identification and characterization of haptoglobin in teleosts revealed an important role on fish viral infections. 2017 , 76, 189-199	9
1705	Analysis of mtDNA control region of an isolated population of Eld's deer (<i>Dama dama</i>) reveals its vulnerability to inbreeding. 2017 , 2, 277-280	1
1704	Taxonomy and identification of bacteria associated with acute oak decline. 2017 , 33, 143	19
1703	Genetic diversity of Southeastern Nigerian date palms reveals a secondary structure within Western populations. 2017 , 13, 1	7
1702	Short-chain alkanes fuel mussel and sponge <i>Cycloclasticus</i> symbionts from deep-sea gas and oil seeps. 2017 , 2, 17093	55
1701	Impact of Module-X2 and Carbohydrate Binding Module-3 on the catalytic activity of associated glycoside hydrolases towards plant biomass. 2017 , 7, 3700	19
1700	Identification, expression and characterization of an R- β -transaminase from <i>Capronia semiimmersa</i> . 2017 , 101, 5677-5687	19
1699	Development of simple sequence repeat markers in the halophytic turf grass <i>Sporobolus virginicus</i> and transferable genotyping across multiple grass genera/species/genotypes. 2017 , 213, 1	2
1698	New epidemiological pattern of cutaneous leishmaniasis in two pre-Saharan arid provinces, southern Morocco. 2017 , 173, 11-16	14
1697	A genomic landscape of mitochondrial DNA insertions in the pig nuclear genome provides evolutionary signatures of interspecies admixture. 2017 , 24, 487-498	9
1696	Characterization of the Protein Tyrosine Phosphatase LmPRL-1 Secreted by <i>Leishmania major</i> via the Exosome Pathway. 2017 , 85,	22
1695	Complete genome sequence of longan witches' broom-associated virus, a novel member of the family Potyviridae. 2017 , 162, 2885-2889	7
1694	Aegerolysins: Lipid-binding proteins with versatile functions. 2017 , 72, 142-151	11
1693	Population Genomic Analysis of 1,777 Extended-Spectrum Beta-Lactamase-Producing Isolates, Houston, Texas: Unexpected Abundance of Clonal Group 307. 2017 , 8,	79
1692	Identification and expression analysis of chitinase genes in parasitic plant <i>Monotropa hypopitys</i> . 2017 , 473, 111-113	4

1691	Mitochondrial genome sequences uncover evolutionary relationships of two <i>Sargassum</i> subgenera, <i>Bactrophyucus</i> and <i>Sargassum</i> . 2017 , 29, 3261-3270	8
1690	Fundamental differences in diversity and genomic population structure between Atlantic and Pacific <i>Prochlorococcus</i> . 2017 , 11, 1997-2011	35
1689	Genome-wide characterization and expression analysis of MYB transcription factors in <i>Lotus japonicas</i> and <i>Medicago truncatula</i> . 2017 , 39, 831-842	4
1688	First report of the occurrence and pathogenicity of <i>Clonostachys rosea</i> on faba bean. 2017 , 46, 231-234	7
1687	Molecular phylogenetics and biogeography of the mint tribe Elsholtzieae (Nepetoideae, Lamiaceae), with an emphasis on its diversification in East Asia. 2017 , 7, 2057	11
1686	In vitro and in vivo characterization of a novel H1N1/2009 influenza virus reassortant with an NS gene from a highly pathogenic H5N1 virus, isolated from a human. 2017 , 162, 2633-2642	1
1685	Novel reductive dehalogenases from the marine sponge associated bacterium <i>Desulfoluna spongiiphila</i> . 2017 , 9, 537-549	12
1684	An additional record of <i>Fejervarya manoharani</i> Garg and Biju from the Western Ghats with a description of its complete mitochondrial genome. 2017 , 4277, 491-502	5
1683	Production, characterization, and antifungal activity of a biosurfactant produced by <i>Rhodotorula babjevae</i> YS3. 2017 , 16, 95	98
1682	Molecular and morphological evidence for nine species in North American <i>Australapatemon</i> (Sudarikov, 1959): a phylogeny expansion with description of the zygotercous <i>Australapatemon mclaughlini</i> n. sp. 2017 , 116, 2181-2198	21
1681	Novel in vivo experimental viability assays with high sensitivity and throughput capacity using a bdelloid rotifer. 2017 , 144, 115-122	10
1680	Genome wide identification, phylogeny, and expression of bone morphogenetic protein genes in tetraploidized common carp (<i>Cyprinus carpio</i>). 2017 , 627, 157-163	8
1679	Analysis of Species, Subgroups, and Endosymbionts of <i>Bemisia tabaci</i> (Hemiptera: Aleyrodidae) From Southwestern Cotton Fields in Turkey. 2017 , 46, 1035-1040	8
1678	Molecular cloning, mRNA expression and biological activity of the pheromone biosynthesis activating neuropeptide (PBAN) from the European corn borer, <i>Ostrinia nubilalis</i> . 2017 , 26, 616-632	6
1677	Signatures of soft sweeps across the Dt1 locus underlying determinate growth habit in soya bean [<i>Glycine max</i> (L.) Merr.]. 2017 , 26, 4686-4699	8
1676	FisR activates β -dependent transcription of sulfide-oxidizing genes in <i>Cupriavidus pinatubonensis</i> JMP134. 2017 , 105, 373-384	27
1675	The gene expression landscape of pine seedling tissues. 2017 , 91, 1064-1087	27
1674	Stress Survival Islet 2, Predominantly Present in <i>Listeria monocytogenes</i> Strains of Sequence Type 121, Is Involved in the Alkaline and Oxidative Stress Responses. 2017 , 83,	63

- 1673 New molecular and morphological data for opecoelid digeneans in two Mediterranean sparid fishes with descriptions of *Macvicaria gibsoni* n. sp. and *M. crassigula* (Linton, 1910) (sensu stricto). **2017**, 94, 739-763 15
- 1672 Privileged Electrophile Sensors: A Resource for Covalent Drug Development. **2017**, 24, 787-800 48
- 1671 The neuropeptidome of the Crown-of-Thorns Starfish, *Acanthaster planci*. **2017**, 165, 61-68 25
- 1670 The mitogenome phylogeny of Adepahga (Coleoptera). **2017**, 114, 166-174 49
- 1669 Transcriptome of *Pterospermum kingtungense* provides implications on the mechanism underlying its rapid vegetative growth and limestone adaption. **2017**, 7, 3198 4
- 1668 Morphology and molecular phylogeny of Trentepohliales (Chlorophyta) from China. **2017**, 52, 330-341 14
- 1667 Prevalence and evolutionary history of endosymbiont *Wolbachia* (Rickettsiales: Anaplasmataceae) in parasitoids (Hymenoptera: Braconidae) associated with *Bactrocera* fruit flies (Diptera: Tephritidae) infesting carambola. **2017**, 20, 382-395 2
- 1666 The golden chanterelles of Newfoundland and Labrador: a new species, a new record for North America, and a lost species rediscovered. **2017**, 95, 547-560 12
- 1665 Low temperature, autotrophic microbial denitrification using thiosulfate or thiocyanate as electron donor. **2017**, 28, 287-301 27
- 1664 *Skoulekia erythrini* n. sp. (Digenea: Aporocotylidae): a parasite of *Pagellus erythrinus* (L.) (Perciformes: Sparidae) from the western Mediterranean with an amendment of the generic diagnosis. **2017**, 94, 669-688 13
- 1663 Production of macrolide antibiotics from a cytotoxic soil *Streptomyces* sp. strain ZDB. **2017**, 33, 139 2
- 1662 Evolutionary dynamics of an expressed MHC class II locus in the Ranidae (Anura) uncovered by genome walking and high-throughput amplicon sequencing. **2017**, 76, 177-188 7
- 1661 Gene-enriched draft genome of the cattle tick *Rhipicephalus microplus*: assembly by the hybrid Pacific Biosciences/Illumina approach enabled analysis of the highly repetitive genome. **2017**, 47, 569-583 35
- 1660 *Anaplasma ovis* infects sheep in Niger. **2017**, 151, 32-35 3
- 1659 Identification of an oxytocinase/vasopressinase-like leucyl-cystinyl aminopeptidase (LNPEP) in teleost fish and evidence for hypothalamic mRNA expression linked to behavioral social status. **2017**, 250, 58-69 7
- 1658 Phylogenetic relationships among tetraploid species of *Bellevalia* (Asparagaceae) endemic to south-central Mediterranean. **2017**, 151, 1120-1128 7
- 1657 A Unique Second-Generation Recombinant Form of HIV-1 Identified Among Men Who Have Sex with Men Population in Beijing, China. **2017**, 33, 1070-1076 3
- 1656 Fatty acids in arbuscular mycorrhizal fungi are synthesized by the host plant. **2017**, 356, 1175-1178 289

1655	Chaetomiaceae Fungi, Novel Pathogens of Equine Neurotropic Phaeohyphomycosis. 2017 , 54, 813-819	7
1654	Highly divergent patterns of genetic diversity and evolution in proviral quasispecies from HIV controllers. 2017 , 14, 29	32
1653	A New Species of Hylodes (Anura, Hylodidae) from Serra do Mar, Southeastern Brazil: The Fourth with Nuptial Thumb Tubercles. 2017 , 73, 136	7
1652	Responding to a cVDPV1 outbreak in Ukraine: Implications, challenges and opportunities. 2017 , 35, 4769-4776	13
1651	Characterization and phylogenetic analysis of complete mitochondrial genomes for two desert cyprinodontoid fishes, <i>Empetrichthys latos</i> and <i>Crenichthys baileyi</i> . 2017 , 626, 163-172	5
1650	Isolation of Ascomycota fungi with capability to transform PAHs: Insights into the biodegradation mechanisms of <i>Penicillium oxalicum</i> . 2017 , 122, 141-150	37
1649	Complete genome sequence and analysis of three kinds of β glucanase of <i>Cellulophaga lytica</i> DAU203 isolated from marine sediment. 2017 , 35, 43-46	4
1648	Detection of a novel putative phlebovirus and first isolation of Dugbe virus from ticks in Accra, Ghana. 2017 , 8, 640-645	20
1647	Structural basis for a novel type of cytokinin-activating protein. 2017 , 7, 45985	15
1646	Insect pathogenic fungus interacts with the gut microbiota to accelerate mosquito mortality. 2017 , 114, 5994-5999	128
1645	The tardigrade fauna of Tunisia, with an integrative description of <i>Bryodelphax maculatus</i> sp. nov. (Heterotardigrada: Echiniscidae). 2017 , 52, 77-89	15
1644	The Tomato Kinase Pti1 Contributes to Production of Reactive Oxygen Species in Response to Two Flagellin-Derived Peptides and Promotes Resistance to <i>Pseudomonas syringae</i> Infection. 2017 , 30, 725-738	14
1643	Postepizootic Persistence of Asymptomatic <i>Mycoplasma conjunctivae</i> Infection in Iberian Ibex. 2017 , 83,	9
1642	<i>Pseudomonas chlororaphis</i> Produces Two Distinct R-Tailocins That Contribute to Bacterial Competition in Biofilms and on Roots. 2017 , 83,	29
1641	RNA-Dependent Cysteine Biosynthesis in Bacteria and Archaea. 2017 , 8,	16
1640	Phylogenetic Analyses Suggest that Factors Other Than the Capsid Protein Play a Role in the Epidemic Potential of GII.2 Norovirus. 2017 , 2,	61
1639	Molecular characterization of <i>Dirofilaria</i> spp. circulating in Portugal. 2017 , 10, 250	9
1638	Comparison among Japanese isolates of <i>Pseudomonas savastanoi</i> pv. <i>savastanoi</i> , causal agent of olive knot disease. 2017 , 83, 152-161	4

1637	Characterization of Phormidium lacuna strains from the North Sea and the Mediterranean Sea for biotechnological applications. 2017 , 59, 194-206	5
1636	Evidence for parallel evolution of a gene involved in the regulation of spermatogenesis. 2017 , 284,	4
1635	Floral nectar of the obligate outcrossing <i>Canavalia gladiata</i> (Jacq.) DC. (Fabaceae) contains only one predominant protein, a class III acidic chitinase. 2017 , 19, 749-759	5
1634	Assessment of pathogenicity and antigenicity of American lineage influenza H5N2 viruses in Taiwan. 2017 , 508, 159-163	3
1633	Evolutionary, computational, and biochemical studies of the salicylaldehyde dehydrogenases in the naphthalene degradation pathway. 2017 , 7, 43489	11
1632	A case of Appalachian endemism: Revision of the <i>Cambarus robustus</i> complex (Decapoda: Cambaridae) in the Kentucky and Licking River basins of Kentucky, USA, with the description of three new species. 2017 , 4269, 460-494	9
1631	Redescription of the numbat tick <i>Ixodes (Sternalixodes) myrmecobii</i> Roberts, 1962 (Acari: Ixodidae) with descriptions of the male and nymph, and new host records. 2017 , 4272, 40-56	10
1630	Biochemical Mechanisms and Catabolic Enzymes Involved in Bacterial Estrogen Degradation Pathways. 2017 , 24, 712-724.e7	55
1629	Genetic signatures coupled with lineage shift characterise endemic evolution of Dengue virus serotype 2 during 2015 outbreak in Delhi, India. 2017 , 22, 871-880	8
1628	Identification and expression profiling of novel plant cell wall degrading enzymes from a destructive pest of palm trees, <i>Rhynchophorus ferrugineus</i> . 2017 , 26, 469-484	7
1627	Spotted Gar and the Evolution of Innate Immune Receptors. 2017 , 328, 666-684	12
1626	Comparative evaluation of the stability of seven-transmembrane microbial rhodopsins to various physicochemical stimuli. 2017 , 682, 6-14	3
1625	Genetic and phenotypic variability in <i>Stenoperla prasina</i> (Newman, 1845) (Plecoptera: Eustheniidae) in relation to latitude and altitude in New Zealand. 2017 , 38, 49-65	7
1624	Molecular characterization of Hollyhock leaf curl virus and associated DNA-satellites infecting <i>Malva parviflora</i> in Pakistan. 2017 , 39, 229-234	4
1623	Beyond Simple Homology Searches: Multiple Sequence Alignments and Phylogenetic Trees. 2017 , 14, 11.3.1	
1622	Plant Receptor Kinases. 2017 ,	0
1621	In Silico Prediction of Ligand-Binding Sites of Plant Receptor Kinases Using Conservation Mapping. 2017 , 1621, 93-105	1
1620	Phylogenomics. 2017 ,	39

1619	Phylogenetic Analyses. 2017 , 143-172	1
1618	Discovery of two small circular ssDNA viruses associated with the whitefly <i>Bemisia tabaci</i> . 2017 , 162, 2835-2838	6
1617	Identification and comparative analysis of hepatitis B virus genotype D/E recombinants in Africa. 2017 , 53, 538-547	7
1616	Discovery and molecular characterization of a novel enamovirus, Grapevine enamovirus-1. 2017 , 53, 667-671	13
1615	Identification, transmission and genomic characterization of a new member of the family Caulimoviridae causing a flower distortion disease of <i>Rudbeckia hirta</i> . 2017 , 241, 62-67	3
1614	The complete mitochondrial genome of <i>Campana-Rouget & Biocca, 1955</i> , (Nematoda, Chromadorea, Rhabditida, Anisakidae) - clarification of mitogenome sequences of the species complex. 2017 , 2, 240-241	3
1613	Complete mitochondrial genome of near threatened butter Catfish (Siluriformes: Siluridae). 2017 , 2, 313-314	2
1612	Plant growth promotion and suppression of charcoal-rot fungus (<i>Macrophomina phaseolina</i>) in velvet bean (<i>Mucuna pruriens</i> L.) by root nodule bacteria. 2017 , 165, 463-478	11
1611	<i>Phyllanthus kaweesakii</i> (Phyllanthaceae), a new species from Thailand. 2017 , 95, 567-577	3
1610	Tracing a toad invasion: lack of mitochondrial DNA variation, haplotype origins, and potential distribution of introduced <i>Duttaphrynus melanostictus</i> in Madagascar. 2017 , 38, 197-207	9
1609	<i>Oxynoemacheilus zarzianus</i> , a new loach from the Lesser Zab River drainage in Iraqi Kurdistan (Teleostei: Nemacheilidae). 2017 , 4273, 258-270	3
1608	Parasites, pathogens and commensals in the "low-impact" non-native amphipod host <i>Gammarus roeselii</i> . 2017 , 10, 193	26
1607	A molecular insight into papaya leaf curl-a severe viral disease. 2017 , 254, 2055-2070	11
1606	Four new species of <i>Paradiscogaster</i> Yamaguti, 1934 (Digenea: Faustulidae) from batfishes (Perciformes: Ephippidae) on the Great Barrier Reef, Australia. 2017 , 94, 339-349	1
1605	Detection and phylogenetic characterisation of novel <i>Anaplasma</i> and <i>Ehrlichia</i> species in <i>Amblyomma triguttatum</i> subsp. from four allopatric populations in Australia. 2017 , 8, 749-756	20
1604	Protein and pathway engineering for the biosynthesis of 5-hydroxytryptophan in. 2017 , 17, 892-899	8
1603	Optimization of cultivation conditions for biotechnological production of lipid by <i>Rhodotorula kratochvilovae</i> (syn, <i>Rhodospiridium kratochvilovae</i>) SY89 for biodiesel preparation. 2017 , 7, 145	31
1602	Genetic variation and population dynamics of the cereal cyst nematode, <i>Heterodera filipjevi</i> in wheat areas of Bolu, Turkey. 2017 , 42, 362-369	6

1601	Zinc solubilizing <i>Bacillus</i> spp. potential candidates for biofortification in maize. 2017 , 202, 51-60	110
1600	Ubiquity and quantitative significance of bacterioplankton lineages inhabiting the oxygenated hypolimnion of deep freshwater lakes. 2017 , 11, 2279-2293	37
1599	New species of <i>Ameletus</i> Eaton, 1885 from the Russian Far East with notes on <i>Ameletus camtschaticus</i> Ulmer 1927 (Ephemeroptera: Ameletidae). 2017 , 4276, 151-176	0
1598	Plant pectin acetyltransferase structure and function: new insights from bioinformatic analysis. 2017 , 18, 456	29
1597	Plant Argonaute Proteins. 2017 ,	0
1596	Phylogenetic analysis of G1P[8] and G12P[8] rotavirus A samples obtained in the pre- and post-vaccine periods, and molecular modeling of VP4 and VP7 proteins. 2017 , 173, 153-159	5
1595	Characterization of badnaviruses infecting <i>Dioscorea</i> spp. in the Pacific reveals two putative novel species and the first report of <i>dioscorea</i> bacilliform RT virus 2. 2017 , 238, 29-34	13
1594	Against the odds of unusual mtDNA inheritance, introgressive hybridisation and phenotypic plasticity: systematic revision of Korean freshwater gastropods (Semisulcospiridae, Cerithioidea). 2017 , 31, 249	7
1593	Phylogenetic evidence for the ancient Himalayan wolf: towards a clarification of its taxonomic status based on genetic sampling from western Nepal. 2017 , 4, 170186	21
1592	Circulation and diagnostics of Puumala virus in Norway: nephropatia epidemica incidence and rodent population dynamics. 2017 , 125, 732-742	5
1591	Grafting response to excess boron and expression analysis of genes coding boron transporters in tomato. 2017 , 19, 728-735	6
1590	External diversity is restrained by internal conservatism: New nudibranch mollusc contributes to the cryptic species problem. 2017 , 46, 683-692	28
1589	Systematic revision of <i>Acanthodactylus busacki</i> (Squamata: Lacertidae) with a description of a new species from Morocco. 2017 , 4276, 357	3
1588	Functional Characterization of <i>Xenopus</i> Thyroid Hormone Transporters <i>mct8</i> and <i>oatp1c1</i> . 2017 , 158, 2694-2705	8
1587	Papaya ringspot virus W infecting <i>Luffa aegyptiaca</i> in Cuba. 2017 , 12, 1	
1586	Nitrogen-fixing rhizobial strains isolated from <i>Desmodium incanum</i> DC in Argentina: Phylogeny, biodiversity and symbiotic ability. 2017 , 40, 297-307	9
1585	Identification and Evolutionary Characterization of ARGONAUTE-Binding Platforms. 2017 , 1640, 257-266	1
1584	Analysis of synonymous codon usage in Zika virus. 2017 , 173, 136-146	7

1583	The complete mitochondrial genome of the. 2017 , 2, 354-355	0
1582	WUSCHEL-RELATED HOMEODOMAIN 4 (WOX4)-like genes regulate cambial cell division activity and secondary growth in <i>Populus</i> trees. 2017 , 215, 642-657	57
1581	Identification of bakanae disease resistance loci in japonica rice through genome wide association study. 2017 , 10, 29	27
1580	A GLABRA1 ortholog on LG A9 controls trichome number in the Japanese leafy vegetables Mizuna and Mibuna (<i>Brassica rapa</i> L. subsp. <i>nipposinica</i> L. H. Bailey): evidence from QTL analysis. 2017 , 130, 539-550	4
1579	Species complex delimitation and patterns of population structure at different geographic scales in Neotropical silver catfish (<i>Rhamdia</i> : Heptapteridae). 2017 , 100, 1047-1067	8
1578	Diversity and evolution of plastomes in Saharan mimosoids: potential use for phylogenetic and population genetic studies. 2017 , 13, 1	7
1577	Structural analysis and insight into Zika virus NS5 mediated interferon inhibition. 2017 , 51, 143-152	11
1576	Evolution of multi-drug resistant HCV clones from pre-existing resistant-associated variants during direct-acting antiviral therapy determined by third-generation sequencing. 2017 , 7, 45605	12
1575	Mechanisms for <i>Pseudoalteromonas piscicida</i> -Induced Killing of Vibrios and Other Bacterial Pathogens. 2017 , 83,	43
1574	Transcriptome analysis of the two unrelated fungal β -lactam producers <i>Acremonium chrysogenum</i> and <i>Penicillium chrysogenum</i> : Velvet-regulated genes are major targets during conventional strain improvement programs. 2017 , 18, 272	13
1573	Characterization of <i>Phaeoacremonium</i> isolates associated with Petri disease of table grape in Northeastern Brazil, with description of <i>Phaeoacremonium nordesticola</i> sp. nov.. 2017 , 149, 695-709	14
1572	Adaptive evolution of insect selective excitatory β -type sodium channel neurotoxins from scorpion venom. 2017 , 92, 31-37	2
1571	Comparison of pseudorabies virus China reference strain with emerging variants reveals independent virus evolution within specific geographic regions. 2017 , 506, 92-98	25
1570	Signatures of adaptation in the weedy rice genome. 2017 , 49, 811-814	97
1569	Cultivar-specific gene modulation in <i>Vitis vinifera</i> : analysis of the promoters regulating the expression of WOX transcription factors. 2017 , 7, 45670	13
1568	<i>Pseudococcus orchidicola</i> (Hemiptera: Pseudococcidae), a newly found mealybug pest, confused with <i>P. longispinus</i> in Korea. 2017 , 47, 185-193	2
1567	Molecular detection and isolation of pathogenic <i>Leptospira</i> from asymptomatic humans, domestic animals and water sources in Nan province, a rural area of Thailand. 2017 , 115, 146-154	26
1566	Intra- and interspecific genetic diversity of New Zealand hairworms (Nematomorpha). 2017 , 144, 1026-1040	8

1565	How Embryophytic is the Biosynthesis of Phenylpropanoids and their Derivatives in Streptophyte Algae?. 2017 , 58, 934-945	66
1564	Keystone predation and molecules of keystone significance. 2017 , 98, 1710-1721	6
1563	Globisporangium oryzicola sp. nov., causing poor seedling establishment of directly seeded rice. 2017 , 110, 543-552	5
1562	Quantitative detection of Colletotrichum godetiae and C. acutatum sensu stricto in the phyllosphere and carposphere of olive during four phenological phases. 2017 , 149, 337-347	27
1561	Comparative analysis data of SF1 and SF2 helicases from three domains of life. 2017 , 11, 510-516	3
1560	Genome sequence of the acid-tolerant sp. DV isolated from the sediments of a Pb-Zn mine tailings dam in the Chita region, Russia. 2017 , 11, 125-127	2
1559	" gen. nov., sp. nov., a new member of family, isolated from human sample at Archet 2 Hospital, Nice, France. 2017 , 17, 81-83	7
1558	Larval stages of Neoplagioporus elongatus (Goto and Ozaki, 1930) (Opecoelidae: Plagioporinae), with notes on potential second intermediate hosts. 2017 , 66, 181-185	3
1557	Morpho-histological, histochemical, and molecular evidences related to cellular reprogramming during somatic embryogenesis of the model grass Brachypodium distachyon. 2017 , 254, 2017-2034	21
1556	Phlebotomine sandflies of Botswana: a taxonomic review and a faunistic update with the first record of genus Phlebotomus. 2017 , 171, 96-100	2
1555	The Ssl2245-Sll1130 Toxin-Antitoxin System Mediates Heat-induced Programmed Cell Death in sp. PCC6803. 2017 , 292, 4222-4234	11
1554	The mitochondrial genome sequences of the round goby and the sand goby reveal patterns of recent evolution in gobiid fish. 2017 , 18, 177	13
1553	Transmission of hepatitis D virus between spouses: A longitudinal study of the first reported Canadian case. 2017 , 8, 37-41	2
1552	Proliferation of latently infected CD4 T cells carrying replication-competent HIV-1: Potential role in latent reservoir dynamics. 2017 , 214, 959-972	228
1551	PhaR, a Negative Regulator of PhaP, Modulates the Colonization of a Burkholderia Gut Symbiont in the Midgut of the Host Insect, Riptortus pedestris. 2017 , 83,	11
1550	Identification, purification, and expression patterns of chitinase from psychrotolerant Pedobacter sp. PR-M6 and antifungal activity in vitro. 2017 , 107, 62-68	11
1549	Evolutionary insights into T-type Ca channel structure, function, and ion selectivity from the homologue. 2017 , 149, 483-510	25
1548	Functional characterization of the aspartic proteinase cathepsin D in the beet armyworm (Spodoptera exigua). 2017 , 617, 1-7	7

1547	Screening wild and semi-free ranging great apes for putative sexually transmitted diseases: Evidence of Trichomonadidae infections. 2017 , 79, 1-2	1
1546	The crown-of-thorns starfish genome as a guide for biocontrol of this coral reef pest. 2017 , 544, 231-234	90
1545	Identified of a novel cis-element regulating the alternative splicing of LcDREB2. 2017 , 7, 46106	8
1544	Non-biting midges (Diptera: Chironomidae) research in South America: subsidizing biogeographic hypotheses. 2017 , 53, 111-128	5
1543	Two Geminin homologs regulate DNA replication in silkworm, <i>Bombyx mori</i> . 2017 , 16, 830-840	5
1542	A pseudaminic acid or a legionaminic acid derivative transferase is strain-specifically implicated in the general protein O-glycosylation system of the periodontal pathogen <i>Tannerella forsythia</i> . 2017 , 27, 555-567	9
1541	Generation and characterization of a collection of knock-down lines for the chloroplast Clp protease complex in tobacco. 2017 , 68, 2199-2218	22
1540	Hepatitis B virus sequencing and liver fibrosis evaluation in HIV/HBV co-infected Nigerians. 2017 , 22, 744-754	5
1539	The taxonomic status of two <i>Telmatobius</i> frog species (Anura: Telmatobiidae) from the western Andean slopes of northernmost Chile. 2017 , 4250, 301-314	4
1538	GENETIC CHARACTERIZATION OF H13 AND H16 INFLUENZA A VIRUSES IN GULLS (<i>LARUS</i> SPP.) WITH CLINICALLY SEVERE DISEASE AND CONCURRENT CIRCOVIRUS INFECTION. 2017 , 53, 561-571	1
1537	Functional characterization of LotP from <i>Liberibacter asiaticus</i> . 2017 , 10, 642-656	9
1536	Consequences of eye fluke infection on anti-predator behaviours in invasive round gobies in Kalmar Sound. 2017 , 116, 1653-1663	9
1535	Description of <i>Hyphopichia buzzinii</i> f.a., sp. nov. and <i>Hyphopichia homilentoma</i> comb. nov., the teleomorph of <i>Candida homilentoma</i> . 2017 , 110, 985-994	3
1534	Carbonate biomineralization and heavy metal remediation by calcifying fungi isolated from karstic caves. 2017 , 103, 106-117	46
1533	Molecular and pathobiological characterization of 61 Potato mop-top virus full-length cDNAs reveals great variability of the virus in the centre of potato domestication, novel genotypes and evidence for recombination. 2017 , 18, 864-877	10
1532	Single-Cell Resolution of Uncultured Magnetotactic Bacteria via Fluorescence-Coupled Electron Microscopy. 2017 , 83,	23
1531	Evolution of the duplicated intracellular lipid-binding protein genes of teleost fishes. 2017 , 292, 699-727	11
1530	Molecular fundamentals of nitrogen uptake and transport in trees. 2017 , 68, 2489-2500	27

- 1529 A cytochrome P450 gene plays a role in the recognition of sex pheromones in the tobacco cutworm, *Spodoptera litura*. **2017**, 26, 369-382 14
- 1528 An integrated approach to identify cytochrome P450 superfamilies in plant species within the malvids. **2017**,
- 1527 New or little-known species of *Chaetocladius* s. str. Kieffer, 1911 (Diptera: Chironomidae: Orthocladiinae) from the Amur River basin (Russian Far East). **2017**, 4247, 313-330 8
- 1526 Genome-wide identification, classification, and functional analysis of the basic helix-loop-helix transcription factors in the cattle, *Bos Taurus*. **2017**, 28, 176-197 8
- 1525 Production of bioactive hydrolysate using protease, α -glucosidase and α -amylase of *Bacillus* spp. isolated from kinema. **2017**, 235, 358-365 43
- 1524 Molecular evolution of pancreatic ribonuclease gene (RNase1) in Rodentia. **2017**, 44, 219-222 5
- 1523 *Rickettsia parkeri* in *Amblyomma dubitatum* ticks in a spotted fever focus from the Brazilian Pampa. **2017**, 171, 182-185 11
- 1522 Isolation and characterization of a novel putative human polyomavirus. **2017**, 506, 45-54 60
- 1521 Improved full-length killer cell immunoglobulin-like receptor transcript discovery in Mauritian cynomolgus macaques. **2017**, 69, 325-339 18
- 1520 Cytokinin Transporters: GO and STOP in Signaling. **2017**, 22, 455-461 33
- 1519 Heterologous biosynthesis and manipulation of crocetin in *Saccharomyces cerevisiae*. **2017**, 16, 54 28
- 1518 Is the Causal Gene of the Medaka Iridophore Mutant. **2017**, 7, 1357-1363 16
- 1517 A new polytypic species of yellow-shouldered bats, genus *Sturnira* (Mammalia: Chiroptera: Phyllostomidae), from the Andean and coastal mountain systems of Venezuela and Colombia. **2017**, 4243, 75-96 13
- 1516 Detection of West Nile virus in six mosquito species in synchrony with seroconversion among sentinel chickens in India. **2017**, 10, 13 11
- 1515 *Phytophthora chlamydospora* and *P. megasperma* associated with root and crown rot of sour cherry in Turkey. **2017**, 124, 403-406 3
- 1514 Morula cells as key hemocytes of the lectin pathway of complement activation in the colonial tunicate *Botryllus schlosseri*. **2017**, 63, 157-164 14
- 1513 *Phomopsis longicolla* RNA virus 1 - Novel virus at the edge of myco- and plant viruses. **2017**, 506, 14-18 20
- 1512 Evidence of respiratory syncytial virus and parainfluenza-3 virus in Mexican sheep. **2017**, 28, 102-110 3

1511	The complete mitochondrial genome of the surubim <i>Pseudoplatystoma corruscans</i> (Siluriformes: Pimelodidae) and mitochondrial phylogenomics of catfishes confirm monophyly of Siluriformes families. 2017 , 9, 535-539	1
1510	A bacterial aromatic aldehyde dehydrogenase critical for the efficient catabolism of syringaldehyde. 2017 , 7, 44422	31
1509	Nosocomial BK Polyomavirus Infection Causing Hemorrhagic Cystitis Among Patients With Hematological Malignancies After Hematopoietic Stem Cell Transplantation. 2017 , 17, 2428-2433	9
1508	<i>Hymenobacter knuensis</i> sp. nov., Isolated From River Water. 2017 , 74, 515-521	7
1507	On Wet Rocks with Snorkels: Immature Stages of Tritonus Cascade Beetles with Unusual Modification of Spiracles (Coleoptera: Hydrophilidae: Laccobiini). 2017 , 67, 91-107	6
1506	Genetic diversity of disease resistance genes in foxtail millet (<i>Setaria italica</i> L.). 2017 , 10, 8-16	13
1505	A Mixed Infection of Lettuce chlorosis virus, Papaya ringspot virus, and Tomato yellow leaf curl virus-IL Detected in a Texas Papaya Orchard Affected by a Virus-Like Disease Outbreak. 2017 , 101, 1094-1102	6
1504	Global Distribution Patterns and Pangenomic Diversity of the Candidate Phylum "Latescibacteria" (WS3). 2017 , 83,	54
1503	Genome-wide identification and evolution of the PIN-FORMED (PIN) gene family in <i>Glycine max.</i> 2017 , 60, 564-571	6
1502	Novel methicillin resistance gene <i>mecD</i> in clinical <i>Micrococcus caseolyticus</i> strains from bovine and canine sources. 2017 , 7, 43797	50
1501	Characterization of the polyphenol oxidase gene family reveals a novel microRNA involved in posttranscriptional regulation of PPOs in <i>Salvia miltiorrhiza</i> . 2017 , 7, 44622	23
1500	Optimization of some fermentation conditions for the production of extracellular amylases by using and isolates from organic kitchen wastes. 2017 , 15, 59-68	27
1499	The pangenome of the genus <i>Clostridium</i> . 2017 , 19, 2588-2603	27
1498	Experimental recreation of the evolution of lignin-degrading enzymes from the Jurassic to date. 2017 , 10, 67	28
1497	Evaluation of short-chain-length polyhydroxyalkanoate accumulation in <i>Bacillus aryabhatai</i> . 2017 , 48, 451-460	27
1496	Ecological survey of two Calomyscidae species; Goodwin's brush-tailed mouse and Hotson's brush-tailed mouse (Rodentia) in the eastern parts of Iran. 2017 , 37, 105-114	3
1495	Variations in the chemical composition and content of salicylic glycosides in the bark of <i>Salix purpurea</i> from natural locations and their significance for breeding. 2017 , 118, 118-125	24
1494	Genetic Evidence for Cytochrome b Qi Site Inhibition by 4(1H)-Quinolone-3-Diarylethers and Antimycin in <i>Toxoplasma gondii</i> . 2017 , 61,	38

- 1493 The mitochondrial genome of the lepidopteran host cadaver (*Thitarodes* sp.) of *Ophiocordyceps sinensis* and related phylogenetic analysis. **2017**, 598, 32-42 6
- 1492 Norovirus in feces and nasopharyngeal swab of children with and without acute gastroenteritis symptoms: First report of GI.5 in Brazil and GI.3 in nasopharyngeal swab. **2017**, 87, 60-66 9
- 1491 Systematics and biogeography of the *Automolus infuscatus* complex (Aves; Furnariidae): Cryptic diversity reveals western Amazonia as the origin of a transcontinental radiation. **2017**, 107, 503-515 17
- 1490 Novel hantavirus identified in European bat species *Nyctalus noctula*. **2017**, 48, 127-130 15
- 1489 Why UV vision and red vision are important for damselfish (Pomacentridae): structural and expression variation in opsin genes. **2017**, 26, 1323-1342 32
- 1488 Ecophysiological Response on Dehydration and Temperature in Terrestrial Klebsormidium (Streptophyta) Isolated from Biological Soil Crusts in Central European Grasslands and Forests. **2017**, 73, 850-864 9
- 1487 Transcription of four *Rhopalosiphum padi* (L.) heat shock protein genes and their responses to heat stress and insecticide exposure. **2017**, 205, 48-57 22
- 1486 First characterization of viruses from freshwater snails of the genus *Biomphalaria*, the intermediate host of the parasite *Schistosoma mansoni*. **2017**, 167, 196-203 8
- 1485 Overview of the membrane-associated RING-CH (MARCH) E3 ligase family. **2017**, 38, 7-15 30
- 1484 Evolutionary dynamic of antigenic residues on influenza B hemagglutinin. **2017**, 502, 84-96 14
- 1483 Atypical Protein Phosphatase 2A Gene Families Do Not Expand via Paleopolyploidization. **2017**, 173, 1283-1300 20
- 1482 Characterization of MHC class IA in the endangered southern corroboree frog. **2017**, 69, 165-174 10
- 1481 *Cystobasidium tubakii* and *Cystobasidium ongulense*, new basidiomycetous yeast species isolated from East Ongul Island, East Antarctica. **2017**, 58, 103-110 16
- 1480 In silico identification of alternative oxidase 2 (AOX2) in monocots: A new evolutionary scenario. **2017**, 210, 58-63 11
- 1479 [(L-β-aminoadipyl)-L-cysteinyl-D-valine synthetase (ACVS): discovery and perspectives. **2017**, 44, 517-524 11
- 1478 A novel thermophilic and halophilic esterase from *Janibacter* sp. R02, the first member of a new lipase family (Family XVII). **2017**, 98, 86-95 45
- 1477 Cross-reactivities of mammalian MAPKs antibodies in rotifer and copepod: Application in mechanistic studies in aquatic ecotoxicology. **2017**, 124, 614-623 9
- 1476 Structure and expression of dna methyltransferase genes from apomictic and sexual *Boechera* species. **2017**, 67, 15-21 3

1475	Phylogenetic relationship and genotypic variability in <i>Anaplasma marginale</i> strains causing anaplasmosis in India. 2017 , 48, 71-75	11
1474	Motility, morphology and phylogeny of the plasmodial worm, <i>Ceratomyxa vermiformis</i> n. sp. (Cnidaria: Myxozoa: Myxosporae). 2017 , 144, 158-168	22
1473	Involvement of glyoxalases and glutathione reductase in conferring abiotic stress tolerance to <i>Jatropha curcas</i> L.. 2017 , 134, 141-150	16
1472	<i>Hepatozoon silvestris</i> sp. nov.: morphological and molecular characterization of a new species of Hepatozoon (Adeleorina: Hepatozoidae) from the European wild cat (<i>Felis silvestris silvestris</i>). 2017 , 144, 650-661	29
1471	Genomic cartography and proposal of nomenclature for the repeated, interspersed elements of the <i>Leishmania major</i> SIDER2 family and identification of SIDER2-containing transcripts. 2017 , 212, 9-15	6
1470	Cat fleas (<i>Ctenocephalides felis</i>) from cats and dogs in New Zealand: Molecular characterisation, presence of <i>Rickettsia felis</i> and <i>Bartonella clarridgeiae</i> and comparison with Australia. 2017 , 234, 25-30	22
1469	The on-again, off-again relationship between mitochondrial genomes and species boundaries. 2017 , 26, 2212-2236	124
1468	Historical processes and contemporary ocean currents drive genetic structure in the seagrass <i>Thalassia hemprichii</i> in the Indo-Australian Archipelago. 2017 , 26, 1008-1021	36
1467	<i>Deinococcus knuensis</i> sp. nov., a bacterium isolated from river water. 2017 , 110, 407-414	2
1466	OR2M3: A Highly Specific and Narrowly Tuned Human Odorant Receptor for the Sensitive Detection of Onion Key Food Odorant 3-Mercapto-2-methylpentan-1-ol. 2017 , 42, 195-210	32
1465	" <i>Candidatus Rickettsia aseboensis</i> " in <i>Rhipicephalus sanguineus</i> ticks, Brazil. 2017 , 167, 18-20	18
1464	A report on extensive lateral genetic reciprocation between arsenic resistant <i>Bacillus subtilis</i> and <i>Bacillus pumilus</i> strains analyzed using RAPD-PCR. 2017 , 107, 443-454	4
1463	The conserved SNARE SEC-22 localizes to late endosomes and negatively regulates RNA interference in. 2017 , 23, 297-307	11
1462	Tracing sulfate recycling in the hypersaline PÉrola Lake (SE Spain): A combined isotopic and microbiological approach. 2017 , 473, 74-89	11
1461	Using Molecules and Morphology to Unravel the Systematics of Neotropical Preponine Butterflies (Lepidoptera: Charaxinae: Preponini). 2017 , 1, 48-56	3
1460	Characterization of AICAR transformylase/IMP cyclohydrolase (ATIC) from <i>Staphylococcus lugdunensis</i> . 2017 , 284, 4233-4261	4
1459	First Complete Genome Sequence of a French Strain. 2017 , 5,	
1458	CK12a, a CCL19-like Chemokine That Orchestrates both Nasal and Systemic Antiviral Immune Responses in Rainbow Trout. 2017 , 199, 3900-3913	23

1457	The complete chloroplast genome of. 2017 , 2, 694-695	3
1456	Forensic characteristics and phylogenetic analysis of two Han populations from the southern coastal regions of China using 27 Y-STR loci. 2017 , 31, e17-e23	33
1455	Development of microsatellite loci for two <i>Agabus</i> diving beetle species from the pooled DNA and testing their utility in mountain lake populations. 2017 , 67, 7-19	1
1454	The Diversification of Zika Virus: Are There Two Distinct Lineages?. 2017 , 9, 2940-2945	20
1453	Genotypes of IFIH1 and IFIT5 in seven chicken breeds indicated artificial selection for commercial traits influenced antiviral genes. 2017 , 56, 54-61	5
1452	Metabarcoding Analyses Enable Differentiation of Both Interspecific Assemblages and Intraspecific Divergence in Habitats With Differing Management Practices. 2017 , 46, 1381-1389	5
1451	New findings from the first transcriptome of the <i>Bothrops moojeni</i> snake venom gland. 2017 , 140, 105-117	16
1450	Comparative analysis of mitochondrial genomes of geographic variants of the gypsy moth, <i>Lymantria dispar</i> , reveals a previously undescribed genotypic entity. 2017 , 7, 14245	21
1449	A Horizontally Transferred Autonomous Helitron Became a Full Polydnavirus Segment in. 2017 , 7, 3925-3935	7
1448	New genetic lineage within the Siberian subtype of tick-borne encephalitis virus found in Western Siberia, Russia. 2017 , 56, 36-43	10
1447	<i>Actinoalloteichus fjordicus</i> sp. nov. isolated from marine sponges: phenotypic, chemotaxonomic and genomic characterisation. 2017 , 110, 1705-1717	5
1446	<i>Staphylococcus agnetis</i> , a potential pathogen in broiler breeders. 2017 , 212, 1-6	14
1445	Assessing Genetic Diversity in Four Stink Bug Species, <i>Chinavia hilaris</i> , <i>Chlorochroa uhleri</i> , <i>Chlorochroa sayi</i> , and <i>Thyanta pallidovirens</i> (Hemiptera: Pentatomidae), Using DNA Barcodes. 2017 , 110, 2590-2598	7
1444	Genetic characterization of the Brazilian immigrant population in Lisboa with InDel genetic markers (P). 2017 , 6, e327-e328	1
1443	Genome-wide analysis and expression profiles of NTMC2 family genes in <i>Oryza sativa</i> . 2017 , 637, 130-137	2
1442	Morphological, phytochemical and genetic diversity of <i>Ziziphus spina Christi</i> (L) Des. in South and Southeastern of Iran. 2017 , 7, 99-107	5
1441	Rapid discrimination of <i>Isaria javanica</i> and <i>Isaria poprawskii</i> from <i>Isaria</i> spp. using high resolution DNA melting assays. 2017 , 150, 88-93	2
1440	Introduction of canine parvovirus 2 into wildlife on the Island of Newfoundland, Canada. 2017 , 55, 205-208	11

1439	Novel Specificity of IDO Enzyme Involved in the Biosynthesis of Mating Pheromone in the Ciliate <i>Blepharisma stoltei</i> . 2017 , 168, 686-696	4
1438	Genetic and pathogenic characterization of a Russian subtype 2 PRRSV-1 isolate. 2017 , 211, 22-28	7
1437	A general mechanism of ribosome dimerization revealed by single-particle cryo-electron microscopy. 2017 , 8, 722	34
1436	A novel 111-nucleotide duplication in the G gene of human metapneumovirus. 2017 , 61, 507-512	14
1435	Unexpected genetic composition of a reintroduced carnivore population. 2017 , 215, 246-253	15
1434	Epidemiology and molecular characterization of protoparvoviruses infecting wild raccoons (<i>Procyon lotor</i>) in British Columbia, Canada. 2017 , 242, 85-89	11
1433	Genomic-assisted characterisation of <i>Pseudomonas</i> sp. strain Pf4, a potential biocontrol agent in hydroponics. 2017 , 27, 969-991	6
1432	Electrochemically active iron (III)-reducing bacteria in coastal riverine sediments. 2017 , 57, 1045-1054	6
1431	Updated mtDNA study of Guinea-Bissau immigrant population living in Lisbon. 2017 , 6, e329-e331	
1430	Characterization of an <i>Alteromonas</i> long-type ulvan lyase involved in the degradation of ulvan extracted from <i>Ulva ohnoi</i> . 2017 , 81, 2145-2151	16
1429	Developing an Apicomplexan DNA Barcoding System to Detect Blood Parasites of Small Coral Reef Fishes. 2017 , 103, 366-376	9
1428	Sulfur oxidation by <i>Achromobacter xylosoxidans</i> strain wsp05 reveals ecological widening over which thiotrophs are distributed. 2017 , 33, 192	3
1427	The nitrate-reduction gene cluster components exert lineage-dependent contributions to optimization of <i>Sinorhizobium</i> symbiosis with soybeans. 2017 , 19, 4926-4938	14
1426	Systemic Histomoniasis in a Leucistic Indian Peafowl (<i>Pavo cristatus</i>) from Southern Brazil. 2017 , 61, 325-329	2
1425	Detection and genome sequencing of porcine circovirus 3 in neonatal pigs with congenital tremors in South China. 2017 , 64, 1650-1654	64
1424	A molecular approach towards taxonomic identification of elasmobranch species from Maltese fisheries landings. 2017 , 36, 17-23	17
1423	Phylogeographic and genome-wide investigations of Vietnam ethnic groups reveal signatures of complex historical demographic movements. 2017 , 7, 12630	13
1422	Isolation and Characterisation of a Halotolerant α -Transaminase from a Triassic Period Salt Mine and Its Application to Biocatalysis. 2017 , 2, 9783-9791	13

1421	First report of <i>Fusarium solani</i> species complex as a causal agent of <i>Erythrina variegata</i> decline and death after gall formation by <i>Quadrastichus erythrinae</i> on Okinawa Island, Japan. 2017 , 83, 344-357	2
1420	Analysis of the CRISPR-Cas system in bacteriophages active on epidemic strains of <i>Vibrio cholerae</i> in Bangladesh. 2017 , 7, 14880	22
1419	Are Circulating Type 2 Vaccine-derived Polioviruses (VDPVs) Genetically Distinguishable from Immunodeficiency-associated VDPVs?. 2017 , 15, 456-462	4
1418	Draft genome of the brown-rot fungus GR9-4. 2017 , 15, 496-500	2
1417	Structures of human-infecting fusogens support a common ancestor with insect baculovirus. 2017 , 114, E8905-E8912	17
1416	Genetic survey of alveolar and cystic echinococcoses in Romania: first molecular evidence of <i>Echinococcus multilocularis</i> in humans in the country. 2017 , 54, 189-198	5
1415	Enhanced biodegradation of mixed PAHs by mutated naphthalene 1,2-dioxygenase encoded by strain KD6 isolated from petroleum refinery waste. 2017 , 7, 365	6
1414	<i>Trachemys medemi</i> n. sp. from northwestern Colombia turns the biogeography of South American slider turtles upside down. 2017 , 55, 326-339	6
1413	Synthesis of polyhydroxyalkanoates (PHAs) from vegetable oils and free fatty acids by wild-type and mutant strains of <i>Pseudomonas chlororaphis</i> . 2017 , 63, 1009-1024	27
1412	Contribution of DNA barcoding to the study of the bees (Hymenoptera: Apoidea) of Canada: progress to date. 2017 , 149, 736-754	17
1411	Identification of <i>Azadinium</i> species and a new azaspiracid from <i>Azadinium poporum</i> in Puget Sound, Washington State, USA. 2017 , 68, 152-167	41
1410	Application of PCR-RFLP of COI Gene for Identification of Life Stages of <i>Bactrocera dorsalis</i> and <i>Ceratitidis anona</i> Infesting Citrus in Southeastern Nigeria. 2017 , 25, 485-493	3
1409	Full genomic characterization of California serogroup viruses, genus <i>Orthobunyavirus</i> , family <i>Peribunyaviridae</i> including phylogenetic relationships. 2017 , 512, 201-210	17
1408	Biodegradation of anthracene and phenanthrene by bacteria isolated from oil-contaminated soil of Bangladesh. 2017 , 33, 843-855	5
1407	Effect of potential biocontrol agents selected among grapevine endophytes and commercial products on crown gall disease. 2017 , 62, 821-833	17
1406	Impact of poxvirus lesions on saltwater crocodile (<i>Crocodylus porosus</i>) skins. 2017 , 211, 29-35	7
1405	Sequence analysis of feline immunoglobulin mRNAs and the development of a felinized monoclonal antibody specific to feline panleukopenia virus. 2017 , 7, 12713	2
1404	Beneath the hairy look: the hidden reproductive diversity of the <i>Gibsmithia hawaiiensis</i> complex (<i>Dumontiaceae</i> , <i>Rhodophyta</i>). 2017 , 53, 1171-1192	7

1403	Molecular and expression analysis of the Allograft inflammatory factor 1 (AIF-1) in the coelomocytes of the common sea urchin <i>Paracentrotus lividus</i> . 2017 , 71, 136-143	4
1402	Full-length genomic sequences of new subtype 1g hepatitis E virus strains obtained from four patients with imported or autochthonous acute hepatitis E in Japan. 2017 , 55, 343-349	6
1401	Phylogenetic relationships of millipedes in the subclass Penicillata (Diplopoda) with a key to the genera. 2017 , 51, 2443-2461	4
1400	A Specialist Macaque MHC Class I Molecule with HLA-B*27-like Peptide-Binding Characteristics. 2017 , 199, 3679-3690	8
1399	Erratum to: Discovery of two small circular ssDNA viruses associated with the whitefly <i>Bemisia tabaci</i> . 2017 , 162, 3563-3566	3
1398	A halotolerant laccase from strain isolated from desert soil and its ability for dye decolourization. 2017 , 7, 329	15
1397	Network of nutrient-sensing pathways and a conserved kinase cascade integrate osmolarity and carbon sensing in. 2017 , 114, E8665-E8674	28
1396	Complete mitochondrial genome sequence of the Jayakar's seahorse Boulenger, 1900 (<i>Gasterosteiformes</i> : <i>Syngnathidae</i>). 2017 , 2, 593-594	4
1395	Genetic Basis of Metal Resistance in <i>Acidiphilium</i> sp. DSM 27270 (Yenapatur). 2017 , 262, 358-363	
1394	Phylogeographic and phylogenetic analysis for species delimitation. 2017 , 7, 8612-8623	9
1393	Molecular detection of Crimean-Congo hemorrhagic fever virus in ticks, Greece, 2012-2014. 2017 , 116, 3057-3063	5
1392	A novel methanotroph in the genus <i>Methylomonas</i> that contains a distinct clade of soluble methane monooxygenase. 2017 , 55, 775-782	13
1391	Driving mosquito refractoriness to with engineered symbiotic bacteria. 2017 , 357, 1399-1402	121
1390	A Novel, Extremely Elongated, and Endocellular Bacterial Symbiont Supports Cuticle Formation of a Grain Pest Beetle. 2017 , 8,	17
1389	Full Issue. 2017 , 61, fmii	
1388	<i>Myxobolus linzhiensis</i> n. sp. (Myxozoa: Myxobolidae) from the gill filament of <i>Schizothorax oconnori</i> Lloyd (Cyprinidae: Schizothoracinae) in Tibet, China: morphological and molecular characterization. 2017 , 116, 3097-3103	3
1387	A Human Bi-specific Antibody against Zika Virus with High Therapeutic Potential. 2017 , 171, 229-241.e15	85
1386	Morphology and phylogeny of <i>Ameson portunus</i> n. sp. (Microsporidia) infecting the swimming crab <i>Portunus trituberculatus</i> from China. 2017 , 61, 122-136	20

1385	Phylogenetic and genetic characterization of a 2017 clinical isolate of H7N9 virus in Guangzhou, China during the fifth epidemic wave. 2017 , 60, 1331-1339	7
1384	A new black fly species of the <i>Simulium</i> (<i>Gomphostilbia</i>) <i>epistum</i> species-group (Diptera: Simuliidae) from Thailand. 2017 , 176, 373-379	3
1383	New species of <i>Talaromyces</i> isolated from maize, indoor air, and other substrates. 2017 , 109, 537-556	11
1382	Recombinant expression, purification, and characterization of polyphenol oxidase 2 (VvPPO2) from "Shine Muscat" (<i>Vitis labruscana</i> Bailey [<i>Vitis vinifera</i> L.). 2017 , 81, 2330-2338	6
1381	Genetic diversity and population structure of <i>Anastrepha obliqua</i> in southwestern Colombia. 2017 , 164, 291-304	6
1380	Preferential induction of cross-group influenza A hemagglutinin stem-specific memory B cells after H7N9 immunization in humans. 2017 , 2,	62
1379	Arginine Kinases from the Precious Corals <i>Corallium rubrum</i> and <i>Paracorallium japonicum</i> : Presence of Two Distinct Arginine Kinase Gene Lineages in Cnidarians. 2017 , 36, 502-512	1
1378	<i>Phytophthora colocasiae</i> from Vietnam, China, Hawaii and Nepal: intra- and inter-genomic variations in ploidy and a long-lived, diploid Hawaiian lineage.. 2017 , 16, 893-904	12
1377	Differential expression of putative sodium-dependent cation-chloride cotransporters in <i>Aedes aegypti</i> . 2017 , 214, 40-49	9
1376	Population panmixia and demographic expansion of a highly piscivorous marine fish <i>Scomberomorus niphonius</i> . 2017 , 91, 1435-1448	2
1375	RiceAntherNet: a gene co-expression network for identifying anther and pollen development genes. 2017 , 92, 1076-1091	21
1374	An integrative redescription of <i>Echiniscus testudo</i> (DoyÈe, 1840), the nominal taxon for the class Heterotardigrada (Ecdysozoa: Panarthropoda: Tardigrada). 2017 , 270, 107-122	32
1373	Deep Sequencing Reveals a Divergent Isolate from Malawi. 2017 , 5,	2
1372	Peroxidase production and ligninolytic potentials of fresh water bacteria and. 2017 , 16, 12-17	33
1371	Serpin-9 and -13 regulate hemolymph proteases during immune responses of <i>Manduca sexta</i> . 2017 , 90, 71-81	9
1370	Revealing the Saline Adaptation Strategies of the Halophilic Bacterium <i>Halomonas beimenensis</i> through High-throughput Omics and Transposon Mutagenesis Approaches. 2017 , 7, 13037	16
1369	Bioinformatic Identification and Analysis of Cell Wall Extensins in Three <i>Arabidopsis</i> Species. 2017 , 178, 724-739	
1368	Regulation of TG accumulation and lipid droplet morphology by the novel TLDP1 in F26-b. 2017 , 58, 2334-2347 ₁₂	

1367	Spirosoma daeguensis sp. nov., isolated from beach soil. 2017 , 55, 678-683	2
1366	Bacterial Lipopolysaccharide Destabilizes Influenza Viruses. 2017 , 2,	33
1365	The enzymatic ulvan depolymerisation system from the alga-associated marine flavobacterium <i>Formosa agariphila</i> . 2017 , 27, 335-344	17
1364	Novel chitinase producer <i>Bacillus pumilus</i> RST25 isolated from the shellfish processing industry revealed antifungal potential against phyto-pathogens. 2017 , 125, 228-234	13
1363	Morphometric and molecular characterisation of <i>Tenuiproboscis keralensis</i> n. sp. infecting marine and brackish water fishes from the south-west coast of India with a note on morphological plasticity. 2017 , 116, 3131-3149	3
1362	Chromatin-associated regulation of sorbitol synthesis in flower buds of peach. 2017 , 95, 507-517	11
1361	Bacterial and fungal biodeterioration of discolored building paints in Lagos, Nigeria. 2017 , 33, 196	9
1360	A new population and subspecies of the critically endangered Anatolian meadow viper <i>Vipera anatolica</i> Eiselt and Baran, 1970 in eastern Antalya province. 2017 , 38, 289-305	5
1359	Limited polymorphism of the functional MHC class II B gene in the black-spotted frog () identified by locus-specific genotyping. 2017 , 7, 9860-9868	4
1358	Tobacco streak virus: an emerging threat to cotton cultivation in India. 2017 , 45, 729-743	7
1357	Nitric Oxide regulates mouth development in amphioxus. 2017 , 7, 8432	12
1356	New localities and awn morphology variation in <i>Miscanthus bngiformis</i> . 2017 , 17, 136-143	
1355	Phylogenetic Analysis of Torque Teno Virus in Thalassemic Children in Egypt. 2017 , 60, 102-108	3
1354	The novel ethylene-responsive factor CsERF025 affects the development of fruit bending in cucumber. 2017 , 95, 519-531	7
1353	Characterization of probiotic potential of species isolated from a traditional brine pickle. 2017 , 54, 4473-4483	18
1352	A virus carries a gene encoding juvenile hormone acid methyltransferase, a key regulatory enzyme in insect metamorphosis. 2017 , 7, 13522	6
1351	T-cell epitope content comparison (EpiCC) of swine H1 influenza A virus hemagglutinin. 2017 , 11, 531-542	9
1350	Whole-Genome Next-Generation Sequencing to Study Within-Host Evolution of Norovirus (NoV) Among Immunocompromised Patients With Chronic NoV Infection. 2017 , 216, 1513-1524	26

1349	Genome-wide scan and analysis of positive selective signatures in Dwarf Brown-egg Layers and Silky Fowl chickens. 2017 , 96, 4158-4171	3
1348	Patterns of specificity and diversity in species of <i>Paraorygmatobothrium</i> Ruhnke, 1994 (Cestoda: Phyllobothriidae) in Moreton Bay, Queensland, Australia, with the description of four new species. 2017 , 94, 941-970	5
1347	Genome skimming and plastid microsatellite profiling of alder trees (<i>Alnus</i> spp., Betulaceae): phylogenetic and phylogeographical prospects. 2017 , 13, 1	14
1346	ZIKA virus isolated from mosquitoes: a field and laboratory investigation in China, 2016. 2017 , 60, 1364-1371	24
1345	Hetero-oligomer of dynamin-related proteins participates in the fission of highly divergent mitochondria from <i>Entamoeba histolytica</i> . 2017 , 7, 13439	11
1344	Mitochondrial genomes of the key zooplankton copepods Arctic <i>Calanus glacialis</i> and North Atlantic <i>Calanus finmarchicus</i> with the longest crustacean non-coding regions. 2017 , 7, 13702	7
1343	High Prevalence of Distinct Human Herpesvirus 8 Contributes to the High Incidence of Non-acquired Immune Deficiency Syndrome-Associated Kaposi's Sarcoma in Isolated Japanese Islands. 2017 , 216, 850-858	15
1342	DNA-Based Identification of Forensically Important Blow Flies (Diptera: Calliphoridae) From India. 2017 , 54, 1151-1156	12
1341	Mechanosensory Transduction in <i>Drosophila Melanogaster</i> . 2017 ,	3
1340	Potato germplasm poses the highest risk of introducing potato spindle tuber viroid in potatoes in the Netherlands: analysis and evaluation of an outbreak in potato breeding. 2017 , 151, 201	
1339	High genetic variation of invasive signal crayfish in Europe reflects multiple introductions and secondary translocations. 2017 , 36, 838-850	5
1338	Unique pleuroproctid taxa of the nudibranch family Aeolidiidae from the Atlantic and Pacific Oceans, with description of a new genus and species. 2017 , 83, 409-421	9
1337	Molecular bases for multidrug resistance in <i>Yersinia pseudotuberculosis</i> . 2017 , 307, 371-381	6
1336	<i>Borrelia burgdorferi</i> sensu lato in <i>Ixodes longiscutatus</i> ticks from Brazilian Pampa. 2017 , 8, 928-932	15
1335	A novel geminivirus identified in tomato and cleome plants sampled in Brazil. 2017 , 240, 175-179	16
1334	Structural Transitions of the Conserved and Metastable Hantaviral Glycoprotein Envelope. 2017 , 91,	27
1333	Lipopolysaccharide-specific binding C-type lectin with one CRD domain from <i>Fenneropenaeus merguensis</i> (FmLC4) functions as a pattern recognition receptor in shrimp innate immunity. 2017 , 69, 236-246	20
1332	RNA interference of E75 nuclear receptor gene suppresses transmission of rice stripe virus in <i>Laodelphax striatellus</i> . 2017 , 20, 1140-1144	3

1331	Detection and characterization of an H4N6 avian-lineage influenza A virus in pigs in the Midwestern United States. 2017 , 511, 56-65	16
1330	Arabinogalactan Proteins Accumulate in the Cell Walls of Searching Hyphae of the Stem Parasitic Plants, <i>Cuscuta campestris</i> and <i>Cuscuta japonica</i> . 2017 , 58, 1868-1877	9
1329	Bioenergetics of Monoterpenoid Essential Oil Biosynthesis in Nonphotosynthetic Glandular Trichomes. 2017 , 175, 681-695	13
1328	<i>Halamphora oceanica</i> (Catenulaceae, Bacillariophyta), a new species from the epipelagic region of the southwestern Gulf of Mexico. 2017 , 317, 188	5
1327	<i>Lactococcus lactis</i> as a safe and inexpensive source of bioactive silver composites. 2017 , 101, 7141-7153	33
1326	Large-scale examination of functional and sequence diversity of 2-oxoglutarate/Fe(II)-dependent oxygenases in Metazoa. 2017 , 1861, 2922-2933	16
1325	Complete genome analysis of <i>Lactobacillus fermentum</i> SK152 from kimchi reveals genes associated with its antimicrobial activity. 2017 , 364,	13
1324	Microbial Landscape of the Grapevine Endosphere in the Context of Pierce's Disease. 2017 , 1, 138-149	30
1323	Full-length genome of a novel genotype 3 hepatitis E virus strain obtained from domestic pigs in Japan. 2017 , 240, 147-153	3
1322	Transcriptome analysis of the response of Burmese python to digestion. 2017 , 6, 1-18	10
1321	Spatial separation of the cyanogenic β -glucosidase ZfBGD2 and cyanogenic glucosides in the haemolymph of larvae facilitates cyanide release. 2017 , 4, 170262	11
1320	Evolution of the wheat blast fungus through functional losses in a host specificity determinant. 2017 , 357, 80-83	150
1319	Superoxide dismutases in bread wheat (<i>Triticum aestivum</i> L.): Comprehensive characterization and expression analysis during development and, biotic and abiotic stresses. 2017 , 6, 1-13	32
1318	Complete genome sequence of <i>Pseudomonas antarctica</i> PAMC 27494, a bacteriocin-producing psychrophile isolated from Antarctica. 2017 , 259, 15-18	13
1317	Crimean-Congo hemorrhagic fever virus in ticks collected from livestock in Albania. 2017 , 54, 496-500	7
1316	Molecular characterization of the pA3J1 plasmid from the psychrotolerant Antarctic bacterium <i>Pseudomonas</i> sp. ANT_J3. 2017 , 92, 49-56	7
1315	Physiological and ecological implications of an iron- or hydrogen-oxidizing member of the Zetaproteobacteria, <i>Ghiorsea bivora</i> , gen. nov., sp. nov. 2017 , 11, 2624-2636	28
1314	Classification of infectious bursal disease virus into genogroups. 2017 , 162, 3661-3670	67

1313	Molecular epidemiology of Epizootic haematopoietic necrosis virus (EHNV). 2017 , 511, 320-329	2
1312	Whole-Genome Sequence of the Anaerobic Isosaccharinic Acid Degrading Isolate, <i>Macellibacteroides fermentans</i> Strain HH-ZS. 2017 , 9, 2140-2144	14
1311	Comparative genome-wide analysis of repetitive DNA in the genus <i>Populus</i> L.. 2017 , 13, 1	15
1310	Modulation of ABA Signaling by Altering VxGII Motif of PP2Cs in <i>Oryza sativa</i> . 2017 , 10, 1190-1205	11
1309	<i>Ceratomyxa azevedoi</i> n. sp. (Myxozoa: Myxosporea) parasitizing the gallbladder of <i>Lutjanus ehrenbergii</i> in the Arabian Gulf. 2017 , 116, 2757-2763	4
1308	Low levels of genetic diversity associated with evidence of negative selection on the <i>Babesia bovis</i> apical membrane antigen 1 from parasite populations in Thailand. 2017 , 54, 447-454	9
1307	The preliminary molecular study of four skink species in Rajaji Tiger Reserve (RTR), Uttarakhand, using 12S rRNA mitochondrial locus. 2017 , 2, 495-499	3
1306	Genome-Wide Analysis and Expression Profiles of the MYB Genes in <i>Brachypodium distachyon</i> . 2017 , 58, 1777-1788	30
1305	<i>Spirosoma gilvum</i> sp. nov., Isolated from Beach Soil. 2017 , 74, 1425-1431	2
1304	Deletion of <i>TpKu70</i> facilitates gene targeting in <i>Talaromyces pinophilus</i> and identification of <i>TpAmyR</i> involvement in amylase production. 2017 , 33, 171	5
1303	Crystal Structure of Thioesterase SgcE10 Supporting Common Polyene Intermediates in 9- and 10-Membered Eneidyne Core Biosynthesis. 2017 , 2, 5159-5169	5
1302	Identification and characterization of bacterial symbionts in three species of filth fly parasitoids. 2017 , 93,	11
1301	Rhinovirus Viremia in Patients Hospitalized With Community-Acquired Pneumonia. 2017 , 216, 1104-1111	21
1300	Whole-Genome Sequencing of Bacterial Pathogens: the Future of Nosocomial Outbreak Analysis. 2017 , 30, 1015-1063	180
1299	l-Lactic acid production from liquefied cassava starch by thermotolerant <i>Rhizopus microsporus</i> : Characterization and optimization. 2017 , 63, 26-34	22
1298	Evolutionary relationships of the hexon and penton base genes of novel squirrel adenovirus. 2017 , 116, 25-29	3
1297	Functional Constraints on Replacing an Essential Gene with Its Ancient and Modern Homologs. 2017 , 8,	27
1296	A Remarkable New White-Eyed Glassfrog Species of <i>Sachatamia</i> from Colombia (Anura: Centrolenidae), with Comments on the Systematics of the Genus. 2017 , 12, 157-173	5

1295	Characterization of a (R)-selective amine transaminase from <i>Fusarium oxysporum</i> . 2017 , 63, 130-136	20
1294	Crop-wild sunflower hybridization can mediate weediness throughout growth-stress tolerance trade-offs. 2017 , 249, 12-21	7
1293	An exception among diatoms: unique organization of genes involved in isoprenoid biosynthesis in <i>Rhizosolenia setigera</i> CCMP 1694. 2017 , 92, 822-833	5
1292	Phylogenetic position and age of Lake Baikal candonids (Crustacea, Ostracoda) inferred from multigene sequence analyzes and molecular dating. 2017 , 7, 7091-7103	7
1291	An outbreak of mumps with genetic strain variation in a highly vaccinated student population in Scotland. 2017 , 145, 3219-3225	27
1290	Pan-genomic and transcriptomic analyses of <i>Leuconostoc mesenteroides</i> provide insights into its genomic and metabolic features and roles in kimchi fermentation. 2017 , 7, 11504	37
1289	De novo transcriptome of the cosmopolitan dinoflagellate <i>Amphidinium carterae</i> to identify enzymes with biotechnological potential. 2017 , 7, 11701	42
1288	Genome-wide identification, classification, evolutionary analysis and gene expression patterns of the protein kinase gene family in wheat and <i>Aegilops tauschii</i> . 2017 , 95, 227-242	8
1287	Soft rot of potatoes caused by <i>Bacillus amyloliquefaciens</i> in Guangdong province, China. 2017 , 39, 533-539	6
1286	Functional convergence and phenotypic divergence in two specialist species of pine-associated ladybirds. 2017 , 31, 885-898	1
1285	Association analysis of cowpea mosaic virus (CPMV) resistance in the USDA cowpea germplasm collection. 2017 , 213, 1	5
1284	The homothallic mating-type locus of the conifer needle endophyte <i>Phialocephala scopiformis</i> DAOMC 229536 (order Helotiales). 2017 , 121, 1011-1024	3
1283	The influence of the mating type on virulence of <i>Mucor irregularis</i> . 2017 , 7, 10629	3
1282	Insights into species diversity of the genus <i>Hydropsyche</i> Pictet, 1834 (Hydropsychidae, Trichoptera) from the Lake Kinneret catchment (Israel). 2017 , 38, 125-140	1
1281	Acyl-Homoserine Lactone Production in Nitrifying Bacteria of the Genera <i>Nitrosospora</i> , <i>Nitrobacter</i> , and <i>Nitrospira</i> Identified via a Survey of Putative Quorum-Sensing Genes. 2017 , 83,	37
1280	Evaluating the role of Pleistocene refugia, rivers and environmental variation in the diversification of central African duikers (genera <i>Cephalophus</i> and <i>Philantomba</i>). 2017 , 17, 212	2
1279	The sibling polychaetes <i>Platynereis dumerilii</i> and <i>Platynereis massiliensis</i> in the Mediterranean Sea: are phylogeographic patterns related to exposure to ocean acidification?. 2017 , 164, 1	9
1278	The core ubiquitin system of mandarin fish, <i>Siniperca chuatsi</i> , can be utilized by infectious spleen and kidney necrosis virus. 2017 , 70, 293-301	17

1277	Complete genome sequence of the nematocidal <i>Bacillus thuringiensis</i> MYBT18247. 2017 , 260, 48-52	7
1276	Pan-genome analysis of <i>Bacillus</i> for microbiome profiling. 2017 , 7, 10984	17
1275	Systems Identification and Characterization of Cell Wall Reassembly and Degradation Related Genes in <i>Glycine max</i> (L.) Merrill, a Bioenergy Legume. 2017 , 7, 10862	14
1274	Alligator wrestling: morphological, molecular, and phylogenetic data on <i>Odhneriotrema incommodum</i> (Leidy, 1856) (Digenea: Clinostomidae) from Alligator mississippiensis Daudin, 1801 in Mississippi, USA. 2017 , 116, 2981-2993	10
1273	Two novel Alphaflexiviridae members revealed by deep sequencing of the Vanilla (Orchidaceae) virome. 2017 , 162, 3855-3861	6
1272	Characterization of cadmium-resistant <i>Klebsiella pneumoniae</i> MCC 3091 promoted rice seedling growth by alleviating phytotoxicity of cadmium. 2017 , 24, 24419-24437	66
1271	Community-like genome in single cells of the sulfur bacterium <i>Achromatium oxaliferum</i> . 2017 , 8, 455	16
1270	A <i>Botrytis cinerea</i> KLP-7 Kinesin acts as a Virulence Determinant during Plant Infection. 2017 , 7, 10664	5
1269	Regional genetic diversity for NNV grouper viruses across the Indo-Asian region - implications for selecting virus resistance in farmed groupers. 2017 , 7, 10658	8
1268	Glareosin: a novel sexually dimorphic urinary lipocalin in the bank vole,. 2017 , 7,	6
1267	Deep-sequencing to resolve complex diversity of apicomplexan parasites in platypuses and echidnas: Proof of principle for wildlife disease investigation. 2017 , 55, 218-227	6
1266	Genetic analysis of ID1-DBL2X predicts its validity as a vaccine candidate in Colombia and supports at least two independently introduced <i>Plasmodium falciparum</i> populations in the region. 2017 , 55, 175-185	3
1265	<i>Cryptosporidium homai</i> n. sp. (Apicomplexa: Cryptosporidiidae) from the guinea pig (<i>Cavia porcellus</i>). 2017 , 245, 92-101	21
1264	Emerging new HCV strains among intravenous drug users and their route of transmission in the north eastern state of Mizoram, India. 2017 , 116, 239-247	
1263	Genome Sequence of a Novel Reassortant and Very Virulent Strain of Infectious Bursal Disease Virus. 2017 , 5,	7
1262	Genetic differentiation and inferred dynamics of a hybrid zone between Northern Spotted Owls () and California Spotted Owls () in northern California. 2017 , 7, 6871-6883	5
1261	Analysis of multiple haloarchaeal genomes suggests that the quinone-dependent respiratory nitric oxide reductase is an important source of nitrous oxide in hypersaline environments. 2017 , 9, 788-796	13
1260	Comparative and population genomic landscape of <i>Phellinus noxius</i> : A hypervariable fungus causing root rot in trees. 2017 , 26, 6301-6316	14

- 1259 Identification of a divergent genotype of equine arteritis virus from South American donkeys. **2017**, 64, 1655-1660 2
- 1258 Reference-based RADseq resolves robust relationships among closely related species of lichen-forming fungi using metagenomic DNA. **2017**, 7, 9884 22
- 1257 Cyanobacterial Sfp-type phosphopantetheinyl transferases functionalize carrier proteins of diverse biosynthetic pathways. **2017**, 7, 11888 12
- 1256 Evolutionarily significant units of the critically endangered leaf frog (Anura, Phyllomedusidae) are not effectively preserved by the Brazilian protected areas network. **2017**, 7, 8812-8828 13
- 1255 Morphological and molecular characteristics of six Sarcocystis spp. from red deer (*Cervus elaphus*) in Spain, including *Sarcocystis cervicanis* and three new species. **2017**, 116, 2795-2811 20
- 1254 Molecular Evolution of Herpes Simplex Virus 2 Complete Genomes: Comparison between Primary and Recurrent Infections. **2017**, 91, 17
- 1253 Natural Occurrence of *Heterorhabditis indica* Poinar, Karunakar & David on Sugarcane Weevil, *Sphenophorus incurrens* Gyllenhal, at Morelos, Mexico. **2017**, 42, 905-910
- 1252 Hydrolytic activities of hydrolase enzymes from halophilic microorganisms. **2017**, 22, 450-461 17
- 1251 Multiple mechanisms contribute to increased neutral lipid accumulation in yeast producing recombinant variants of plant diacylglycerol acyltransferase 1. **2017**, 292, 17819-17831 17
- 1250 First report of *Rhizoctonia* disease of lily caused by *Rhizoctonia solani* AG-11 in Japan. **2017**, 83, 406-409 3
- 1249 Ancestor of land plants acquired the DNA-3-methyladenine glycosylase (MAG) gene from bacteria through horizontal gene transfer. **2017**, 7, 9324 12
- 1248 Genomic DNA variation confirmed *Seriola lalandi* comprises three different populations in the Pacific, but with recent divergence. **2017**, 7, 9386 14
- 1247 Evolution of Hemoglobin Genes in Codfishes Influenced by Ocean Depth. **2017**, 7, 7956 12
- 1246 Genome-wide identification and expression analysis of E2 ubiquitin-conjugating enzymes in tomato. **2017**, 7, 8613 12
- 1245 Fungal Hybrid B heme peroxidases - unique fusions of a heme peroxidase domain with a carbohydrate-binding domain. **2017**, 7, 9393 8
- 1244 Genome-Wide Linkage-Disequilibrium Mapping to the Candidate Gene Level in Melon (*Cucumis melo*). **2017**, 7, 9770 34
- 1243 Multiple origins of endosymbionts in *Chlorellaceae* with no reductive effects on the plastid or mitochondrial genomes. **2017**, 7, 10101 13
- 1242 The extraordinary variation of the organellar genomes of the *Aneura pinguis* revealed advanced cryptic speciation of the early land plants. **2017**, 7, 9804 23

1241	Coprophagous features in carnivorous <i>Nepenthes</i> plants: a task for ureases. 2017 , 7, 11647	11
1240	The complete mtDNA sequence of the griffon vulture (<i>Gyps fulvus</i>): Phylogenetic analysis and haplotype frequency variations after restocking in the Sardinian population. 2017 , 214, 195-205	8
1239	Degradation of indigo dye by a newly isolated yeast, <i>Diutina rugosa</i> from dye wastewater polluted soil. 2017 , 5, 4639-4648	29
1238	Complete mitochondrial genome of (Diptera, Ephydriidae). 2017 , 2, 591-592	0
1237	Different histories of two highly variable LTR retrotransposons in sunflower species. 2017 , 634, 5-14	12
1236	Identification of two novel Rotavirus A genotypes, G35 and P[50], from Peruvian alpaca faeces. 2017 , 55, 71-74	14
1235	Large-scale HFMD epidemics caused by Coxsackievirus A16 in Bangalore, India during 2013 and 2015. 2017 , 55, 228-235	10
1234	Genomic and transcriptomic analyses reveal differential regulation of diverse terpenoid and polyketides secondary metabolites in <i>Hericium erinaceus</i> . 2017 , 7, 10151	17
1233	Hyphodontia (Hymenochaetales, Basidiomycota) and similar taxa from Central Asia. 2017 , 95, 1041-1056	9
1232	Genome-wide characterization of Toll-like receptor gene family in common carp (<i>Cyprinus carpio</i>) and their involvement in host immune response to <i>Aeromonas hydrophila</i> infection. 2017 , 24, 89-98	19
1231	<i>Cupriavidus necator</i> H16 Uses Flavocytochrome Sulfide Dehydrogenase To Oxidize Self-Produced and Added Sulfide. 2017 , 83,	17
1230	Outbreaks of edwardsiellosis caused by <i>Edwardsiella piscicida</i> and <i>Edwardsiella tarda</i> in farmed barramundi (<i>Lates calcarifer</i>). 2017 , 481, 202-210	26
1229	A Step-by-Step Protocol for Classifying AOX Proteins in Flowering Plants. 2017 , 1670, 225-234	5
1228	Molecular characterization of a beet ringspot nepovirus isolated from <i>Begonia ricinifolia</i> in Hungary. 2017 , 162, 3559-3562	6
1227	Crystal Structure of a Plant Multidrug and Toxic Compound Extrusion Family Protein. 2017 , 25, 1455-1460.e2	31
1226	Characterization and RNAi-mediated knockdown of Chitin Synthase A in the potato tuber moth, <i>Phthorimaea operculella</i> . 2017 , 7, 9502	23
1225	Functional expression of the entire adhesiome of <i>Salmonella enterica</i> serotype Typhimurium. 2017 , 7, 10326	25
1224	Origin of the Reflectin Gene and Hierarchical Assembly of Its Protein. 2017 , 27, 2833-2842.e6	23

1223	A molecular survey of small ruminant hemotropic mycoplasmosis in Turkey, including first laboratory confirmed clinical cases caused by <i>Mycoplasma ovis</i> . 2017 , 208, 217-222	11
1222	A novel inducible prophage from the mycosphere inhabitant <i>Paraburkholderia terrae</i> BS437. 2017 , 7, 9156	11
1221	Genome Analysis of <i>Staphylococcus capitis</i> TE8 Reveals Repertoire of Antimicrobial Peptides and Adaptation Strategies for Growth on Human Skin. 2017 , 7, 10447	20
1220	Light rare earth element depletion during Deepwater Horizon blowout methanotrophy. 2017 , 7, 10389	46
1219	Combinatorial interaction network of abscisic acid receptors and coreceptors from. 2017 , 114, 10280-10285	85
1218	Widespread Fosfomycin Resistance in Gram-Negative Bacteria Attributable to the Chromosomal Gene. 2017 , 8,	87
1217	The complete chloroplast genome sequence of the threatened trident maple (<i>Aceraceae</i>). 2017 , 2, 273-274	6
1216	New Identification of Three or More <i>Campylobacter</i> Species on the Basis of a Degenerate PCR-RFLP Method Targeting <i>gyrB</i> Gene. 2017 , 74, 1160-1168	2
1215	<i>Winogradskyella aurantia</i> sp. nov., isolated from a marine solar saltern. 2017 , 110, 1445-1452	5
1214	Molecular surveillance of measles and rubella in the WHO European Region: new challenges in the elimination phase. 2017 , 23, 516-523	14
1213	Monitoring microevolution of OXA-48-producing <i>Klebsiella pneumoniae</i> ST147 in a hospital setting by SMRT sequencing. 2017 , 72, 2737-2744	20
1212	Transcriptional profiling of mechanically and genetically sink-limited soybeans. 2017 , 40, 2307-2318	11
1211	The diversity and antibiotic properties of actinobacteria associated with endemic deepwater amphipods of Lake Baikal. 2017 , 110, 1593-1611	11
1210	Identification of Arsenic Resistance Genes from Marine Sediment Metagenome. 2017 , 57, 299-306	13
1209	Molecular characterization and expression analysis of four fish-specific CC chemokine receptors CCR4La, CCR4Lc1, CCR4Lc2 and CCR11 in rainbow trout (<i>Oncorhynchus mykiss</i>). 2017 , 68, 411-427	8
1208	Detection of invasive and cryptic species in marine mussels (<i>Bivalvia</i> , <i>Mytilidae</i>): A chromosomal perspective. 2017 , 39, 58-67	8
1207	Characterization of complete mitochondrial genomes of indigenous Mayans in Mexico. 2017 , 44, 652-658	
1206	Molecular characterization and expression analysis of the myostatin gene and its association with growth traits in Noble scallop (<i>Chlamys nobilis</i>). 2017 , 212, 24-31	10

1205	Resolution of enantiopure (S)-1-(1-naphthyl) ethanol from racemic mixture by a novel <i>Bacillus cereus</i> isolate. 2017 , 57, 762-769	7
1204	Fluorescence A(H3N2) genetic variants in vaccinated patients in northern Greece. 2017 , 94, 29-32	11
1203	Identification of biosynthetic gene clusters from metagenomic libraries using PPTase complementation in a <i>Streptomyces</i> host. 2017 , 364,	17
1202	Association mapping revealed SNP markers for adaptation to low phosphorus conditions and rock phosphate response in USDA cowpea (<i>Vigna unguiculata</i> (L.) Walp.) germplasm. 2017 , 213, 1	6
1201	Genetic diversity of 21 autosomal STR loci in the Han population from Sichuan province, Southwest China. 2017 , 31, e33-e35	24
1200	Time scaled phylogeography and demography of <i>Bradypus torquatus</i> (Pilosa: Bradypodidae). 2017 , 11, 224-235	2
1199	The xenobiotic sensor PXR in a marine flatfish species (<i>Solea senegalensis</i>): Gene expression patterns and its regulation under different physiological conditions. 2017 , 130, 187-199	11
1198	Biological control of septoria leaf blotch and growth promotion in wheat by <i>Paenibacillus</i> sp. strain B2 and <i>Curtobacterium plantarum</i> strain EDS. 2017 , 114, 87-96	20
1197	Molecular characterization of novel Bradyrhizobium strains nodulating <i>Eriosema chinense</i> and <i>Flemingia vestita</i> , important unexplored native legumes of the sub-Himalayan region (Meghalaya) of India. 2017 , 40, 334-344	14
1196	A curated database of cyanobacterial strains relevant for modern taxonomy and phylogenetic studies. 2017 , 4, 170054	22
1195	Oral insecticidal activity of new bacterial isolates against insects in two orders. 2017 , 27, 886-902	6
1194	The Turkish Endemic <i>Pseudodelphinium turcicum</i> (Ranunculaceae): An Unusual Population of <i>Delphinium</i> with Peloric Flowers That Has Persisted in the Wild for 20 Years. 2017 , 178, 546-555	3
1193	Cucurbit chlorotic yellows virus: Insights Into Its Natural Host Range, Genetic Variability, and Transmission Parameters. 2017 , 101, 2053-2058	8
1192	First report of flyspeck of mango caused by <i>Stomiopeltis</i> sp. in Japan. 2017 , 83, 299-303	4
1191	Two new <i>Thermocyclops</i> species (Copepoda, Cyclopoida) from Thailand, with notes on the genus phylogeny inferred from 18S and ITS sequences. 2017 , 269, 26-47	5
1190	Increasing phylogenetic support for explosively radiating taxa: The promise of high-throughput sequencing for <i>Oxytropis</i> (Fabaceae). 2017 , 55, 385-404	21
1189	Taxonomic Identification of Cyanobacteria by a Polyphasic Approach. 2017 , 79-134	10
1188	Regulatory Expansion in Mammals of Multivalent hnRNP Assemblies that Globally Control Alternative Splicing. 2017 , 170, 324-339.e23	72

1187	The interbranchial lymphoid tissue likely contributes to immune tolerance and defense in the gills of Atlantic salmon. 2017 , 76, 247-254		16
1186	Data on the genome-wide identification of CNL R-genes in (<i>L.</i>) <i>P. Beauv.</i> 2017 , 13, 259-273		1
1185	Comparative genomic and phylogenetic analysis of a toxigenic clinical isolate of <i>Corynebacterium diphtheriae</i> strain B-D-16-78 from Malaysia. 2017 , 54, 263-270		7
1184	"", "", "", "", new bacterial species and genera isolated from the gut microbiota of healthy infants. 2017 , 19, 1-7		10
1183	Transmission of highly virulent community-associated MRSA ST93 and livestock-associated MRSA ST398 between humans and pigs in Australia. 2017 , 7, 5273		43
1182	Genome-wide survey indicates diverse physiological roles of the barley (<i>Hordeum vulgare</i> L.) calcium-dependent protein kinase genes. 2017 , 7, 5306		9
1181	Wider geographic distribution and higher diversity of hexaploids than tetraploids in <i>Carassius</i> species complex reveal recurrent polyploidy effects on adaptive evolution. 2017 , 7, 5395		26
1180	An outbreak of locally acquired <i>Plasmodium vivax</i> malaria among migrant workers in Oman. 2017 , 24, 25		9
1179	The complete mitochondrial genome sequence of Dode. 2017 , 2, 113-114		6
1178	Accelerated Evolution and Functional Divergence of the Dim Light Visual Pigment Accompanies Cichlid Colonization of Central America. <i>Molecular Biology and Evolution</i> , 2017 , 34, 2650-2664	8,3	27
1177	Virulence-associated factors in <i>Vibrio cholerae</i> non-O1/non-O139 and <i>V. mimicus</i> strains isolated in ornamental fish species. 2017 , 40, 1857-1868		10
1176	Mitochondrial genomes of the green macroalga <i>Ulva pertusa</i> (Ulvophyceae, Chlorophyta): novel insights into the evolution of mitogenomes in the Ulvophyceae. 2017 , 53, 1010-1019		13
1175	Francisella-Like Endosymbionts and Rickettsia Species in Local and Imported Hyalomma Ticks. 2017 , 83,		30
1174	Development of a molecular marker tightly linked to the C locus conferring a white bulb color in onion (<i>Allium cepa</i> L.) using bulked segregant analysis and RNA-Seq. 2017 , 37, 1		13
1173	A novel C-type lectin gene is a strong candidate gene for <i>Benedenia</i> disease resistance in Japanese yellowtail, <i>Seriola quinqueradiata</i> . 2017 , 76, 361-369		6
1172	Effectiveness of the DNA barcoding approach for closely related conifers discrimination: A case study of the <i>Pinus mugo</i> complex. 2017 , 340, 339-348		15
1171	Draft genome sequence of sp. KIM isolated from South African grassland biome soils. 2017 , 13, 24-26		2
1170	Type II chaperonin gene as a complementary barcode for 16S rRNA gene in study of Archaea diversity of petroleum reservoirs. 2017 , 123, 113-120		3

1169	Metabolic gene-targeted monitoring of non-starter lactic acid bacteria during cheese ripening. 2017 , 257, 276-284	20
1168	Pneumonia due to <i>Talaromyces marneffeii</i> in a Dog from Southern Brazil with Concomitant Canine Distemper Virus Infection. 2017 , 157, 61-66	7
1167	Detection of rat hepatitis E virus in wild Norway rats (<i>Rattus norvegicus</i>) and Black rats (<i>Rattus rattus</i>) from 11 European countries. 2017 , 208, 58-68	44
1166	Species diversity of the entomopathogenic fungi <i>Metarhizium anisopliae</i> and <i>M. flavoviride</i> species complexes isolated from insects in Japan. 2017 , 58, 472-479	12
1165	Morphological and molecular data support <i>Lichina intermedia</i> as a distinct austral-marine species in the <i>L. pygmaea</i> group. 2017 , 49, 321-332	5
1164	Molecular cloning, heterologous expression, and functional characterization of a cellulolytic enzyme (Cel PRII) from buffalo rumen metagenome. 2017 , 7, 257	8
1163	T-GOWler: Discovering Generalized Process Models Within Texts. 2017 , 24, 799-808	
1162	First report of spinach (<i>Spinacia oleracea</i>) wilt caused by cucumber mosaic virus (CMV) in Brazil. 2017 , 101, 2154-2154	2
1161	Biosynthesis of Diterpenoids in Adventitious Root Cultures. 2017 , 175, 92-103	22
1160	Alzheimer's disease related genes during primate evolution. 2017 , 39, 1183-1192	1
1159	Bacterial species and mycotoxin contamination associated with locust bean, melon and their fermented products in south-western Nigeria. 2017 , 258, 73-80	20
1158	Fibrobacter communities in the gastrointestinal tracts of diverse hindgut-fermenting herbivores are distinct from those of the rumen. 2017 , 19, 3768-3783	12
1157	Geosmin-producing Species of <i>Coelosphaerium</i> (Synechococcales, Cyanobacteria) in Lake Shinji, Japan. 2017 , 7, 41928	11
1156	Xylanase production from marine derived <i>Trichoderma pleuroticola</i> 08R001 strain isolated from Mediterranean coastal sediments. 2017 , 57, 839-851	11
1155	Full genetic characterization and epidemiology of a novel amdoparvovirus in striped skunk (<i>Mephitis mephitis</i>). 2017 , 6, e30	11
1154	Evolutionary history of the extant amphioxus lineage with shallow-branching diversification. 2017 , 7, 1157	18
1153	Characterization of porcine simple sequence repeat variation on a population scale with genome resequencing data. 2017 , 7, 2376	7
1152	Analysis of aquaporins in Brassicaceae species reveals high-level of conservation and dynamic role against biotic and abiotic stress in canola. 2017 , 7, 2771	57

1151	Kanyawara Virus: A Novel Rhabdovirus Infecting Newly Discovered Nycteribiid Bat Flies Infesting Previously Unknown Pteropodid Bats in Uganda. 2017 , 7, 5287	22
1150	Microbiota composition of the koala (<i>Phascolarctos cinereus</i>) ocular and urogenital sites, and their association with Chlamydia infection and disease. 2017 , 7, 5239	11
1149	Microbiome analysis and confocal microscopy of used kitchen sponges reveal massive colonization by <i>Acinetobacter</i> , <i>Moraxella</i> and <i>Chryseobacterium</i> species. 2017 , 7, 5791	28
1148	Comparative genomic analysis of <i>Paenibacillus</i> sp. SSG-1 and its closely related strains reveals the effect of glycometabolism on environmental adaptation. 2017 , 7, 5720	7
1147	Methylation profile of a satellite DNA constituting the intercalary G+C-rich heterochromatin of the cut trough shell <i>Spisula subtruncata</i> (Bivalvia, Mactridae). 2017 , 7, 6930	6
1146	In silico analyses of conservational, functional and phylogenetic distribution of the LuxI and LuxR homologs in Gram-positive bacteria. 2017 , 7, 6969	21
1145	Partial Characterization of Tick-Borne Encephalitis Virus Isolates from Ticks of Southern Ukraine. 2017 , 17, 550-557	9
1144	Morphological, Pathogenic, and Molecular Characterization of <i>Colletotrichum acutatum</i> Isolates Causing Almond Anthracnose in Spain. 2017 , 101, 2034-2045	17
1143	Coronafacoyl Phytotoxin Biosynthesis and Evolution in the Common Scab Pathogen <i>Streptomyces scabiei</i> . 2017 , 83,	16
1142	DETECTION OF BARTONELLA SP. IN DEER LOUSE FLIES (<i>LILOPTENA MAZAMAE</i>) ON GRAY BROCKET DEER (<i>MAZAMA GOUAZOUBIRA</i>) IN THE NEOTROPICS. 2017 , 48, 532-535	4
1141	A checklist of the genus <i>Tomosvaryella</i> Acz (Diptera: Pipunculidae) from the Middle East with the description of a new species. 2017 , 63, 336-347	1
1140	Messinian Salinity Crisis and Quaternary glacial events shaped genetic diversification in Siculo-Maghrebian blister beetles (Coleoptera: Meloidae). 2017 , 122, 455-468	5
1139	Characterization of a low-density lipoprotein receptor, Lrp13, in Chinese tongue sole (<i>Cynoglossus semilaevis</i>) and medaka (<i>Oryzias latipes</i>). 2017 , 43, 1289-1298	3
1138	Scavengers for bacteria: Rainbow trout have two functional variants of MARCO that bind to gram-negative and -positive bacteria. 2017 , 77, 95-105	7
1137	Phylogenetic relationships of <i>Chlamydomyces</i> , <i>Harzia</i> , <i>Olpitrichum</i> , and their sexual allies, <i>Melanospora</i> and <i>Sphaerodes</i> . 2017 , 121, 890-904	6
1136	Molecular identification and characterization of partial COX1 gene from caecal worm () in Northern bobwhite () from the Rolling Plains Ecoregion of Texas. 2017 , 6, 195-201	14
1135	Genetic characterisation of Norovirus strains in outpatient children from rural communities of Vhembe district/South Africa, 2014-2015. 2017 , 94, 100-106	6
1134	Phylogenetic evaluation of <i>Amyntas</i> earthworms from South China reveals the initial ancestral state of spermathecae. 2017 , 115, 106-114	7

1133	Evolution of mitochondrial energy metabolism genes associated with hydrothermal vent adaption of Alvinocaridid shrimps. 2017 , 39, 1367-1376	17
1132	A study on IL8RB gene polymorphism as a potential immuno-compromised adherent in exaggeration of parenteral and mammo-crine oxidative stress during mastitis in buffalo. 2017 , 8, 617-625	7
1131	Molecular characterization and antimicrobial resistance profile of atypical <i>Citrobacter gillenii</i> and <i>Citrobacter</i> sp. isolated from diseased rainbow trout (<i>Oncorhynchus mykiss</i>). 2017 , 10, 136-142	15
1130	Characterization of starch phosphorylase from the marine green microalga (<i>Chlorophyta</i>) <i>Tetraselmis subcordiformis</i> reveals its potential role in starch biosynthesis. 2017 , 218, 84-93	10
1129	F-group bZIPs in barley-a role in Zn deficiency. 2017 , 40, 2754-2770	26
1128	Impact of Coxsackievirus A6 emergence on hand, foot, and mouth disease epidemic in Osaka City, Japan. 2017 , 89, 2116-2121	14
1127	Screening for potential <i>Striga hermonthica</i> fungal and bacterial biocontrol agents from suppressive soils in Western Kenya. 2017 , 62, 705-717	6
1126	Molecular characterization of viruses infecting canna in Russia. 2017 , 149, 923-931	6
1125	Genotypic and geographical distribution of porcine reproductive and respiratory syndrome viruses in mainland China in 1996-2016. 2017 , 208, 164-172	35
1124	FLUCTUATING-LIGHT-ACCLIMATION PROTEIN1, Conserved in Oxygenic Phototrophs, Regulates H ⁺ Homeostasis and Non-Photochemical Quenching in Chloroplasts. 2017 , 58, 1622-1630	8
1123	Bioinformatic search for Ca ²⁺ - and calmodulin-dependent protein kinases potentially associated with the regulation of plant cytoskeleton. 2017 , 51, 239-246	3
1122	Development of a bifunctional xylanase-cellulase chimera with enhanced activity on rice and barley straws using a modular xylanase and an endoglucanase procured from camel rumen metagenome. 2017 , 101, 6929-6939	15
1121	Co-circulation of three clusters of 793/B-like avian infectious bronchitis virus genotypes in Iranian chicken flocks. 2017 , 162, 3183-3189	2
1120	Noroviruses and sapoviruses associated with acute gastroenteritis in pediatric patients in Thailand: increased detection of recombinant norovirus GII.P16/GII.13 strains. 2017 , 162, 3371-3380	13
1119	Two novel poxviruses with unusual genome rearrangements: NY_014 and Murmansk. 2017 , 53, 883-897	7
1118	Detection and characterization of three zoonotic viruses in wild rodents and shrews from Shenzhen city, China. 2017 , 32, 290-297	17
1117	The infection process of chestnut rot, an important disease caused by <i>Gnomoniopsis smithogilvyi</i> (<i>Gnomoniaceae</i> , <i>Diaporthales</i>) in Oceania and Europe. 2017 , 46, 397-405	11
1116	Identification of <i>Neocosmospora ipomoeae</i> causing tomato stem rot in Korea. 2017 , 12, 1	3

1115	First record of <i>Podospaera xanthii</i> on <i>Peperomia tetragona</i> . 2017 , 12, 1	
1114	Clarification of <i>Lyomyces sambuci</i> complex with the descriptions of four new species. 2017 , 16, 865-876	9
1113	Hybridization patterns in two contact zones of grass snakes reveal a new Central European snake species. 2017 , 7, 7378	31
1112	Major structural genomic alterations can be associated with hybrid speciation in <i>Aegilops markgrafii</i> (Triticeae). 2017 , 92, 317-330	35
1111	New <i>Haemoproteus</i> parasite of parrots, with remarks on the virulence of haemoproteids in naive avian hosts. 2017 , 176, 256-262	13
1110	Methyl farnesoate epoxidase (<i>mfe</i>) gene expression and juvenile hormone titers in the life cycle of a highly eusocial stingless bee, <i>Melipona scutellaris</i> . 2017 , 101, 185-194	16
1109	Isolated population of the Middle Eastern <i>Phoenicolacerta laevis</i> from the Georgian Black Sea Coast, and its genetic closeness to populations from southern Turkey. 2017 , 63, 311-315	1
1108	The Effect of RGD/NGR Peptide Modification of Melanoma Differentiation-Associated Gene-7/Interleukin-24 on Its Receptor Attachment, an In Silico Analysis. 2017 , 32, 205-214	5
1107	<i>orco</i> Mutagenesis Causes Loss of Antennal Lobe Glomeruli and Impaired Social Behavior in Ants. 2017 , 170, 727-735.e10	143
1106	Genetic legacy of tertiary climatic change: a case study of two freshwater loaches, <i>Schistura fasciolata</i> and <i>Pseudogastromyzon myersi</i> , in Hong Kong. 2017 , 119, 360-370	5
1105	Multi-effect of the water-soluble <i>Moringa oleifera</i> lectin against <i>Serratia marcescens</i> and <i>Bacillus</i> sp.: antibacterial, antibiofilm and anti-adhesive properties. 2017 , 123, 861-874	28
1104	Xylanase from <i>Acinetobacter pittii</i> MASK 25 and developed magnetic cross-linked xylanase aggregate produce predominantly xylopentose and xylohexose from agro biomass. 2017 , 244, 793-799	22
1103	Toxin production, growth kinetics and molecular characterization of <i>Ostreopsis</i> cf. <i>ovata</i> isolated from Todos os Santos Bay, tropical southwestern Atlantic. 2017 , 138, 18-30	9
1102	Cryo-EM structures of the 80S ribosomes from human parasites <i>Trichomonas vaginalis</i> and <i>Toxoplasma gondii</i> . 2017 , 27, 1275-1288	12
1101	Basidiomycete-specific PsCaMKL1 encoding a CaMK-like protein kinase is required for full virulence of <i>Puccinia striiformis</i> f. sp. <i>tritici</i> . 2017 , 19, 4177-4189	4
1100	Bovine viral diarrhea virus 1b fetal infection with extensive hemorrhage. 2017 , 29, 880-884	4
1099	Comparison of <i>Phenacoccus solenopsis</i> specimens from different regions of Pakistan using COI molecular barcoding (Hemiptera: Pseudococcidae). 2017 , 53, 374-378	
1098	<i>Hexameris popilliae</i> n. sp. (Nematoda: Mermithidae) parasitizing the Japanese beetle <i>Popillia japonica</i> Newman (Coleoptera: Scarabaeidae) in Italy. 2017 , 94, 915-926	11

1097	Characterization of H5N6 highly pathogenic avian influenza viruses isolated from wild and captive birds in the winter season of 2016-2017 in Northern Japan. 2017 , 61, 387-397	22
1096	Serine protease-related proteins in the malaria mosquito, <i>Anopheles gambiae</i> . 2017 , 88, 48-62	22
1095	A re-evaluation of the <i>Abarenicola assimilis</i> group with a new species from the Falkland Islands and key to species. 2017 , 97, 897-910	2
1094	The invasion of the genus <i>Marenzelleria</i> (Polychaeta: Spionidae) into the Don River mouth and the Taganrog Bay: morphological and genetic study. 2017 , 97, 975-984	15
1093	Six species in one: evidence of cryptic speciation in the <i>Hygrobatas fluviatilis</i> complex (Acariformes, Hydrachnidia, Hygrobatidae). 2017 , 22, 1327	22
1092	Molecular Tests That Target the RTX Locus Do Not Distinguish between <i>Kingella kingae</i> and the Recently Described <i>Kingella negevensis</i> Species. 2017 , 55, 3113-3122	22
1091	Role of domestic ducks in the emergence of a new genotype of highly pathogenic H5N1 avian influenza A viruses in Bangladesh. 2017 , 6, e72	20
1090	Genotyping of Avian infectious bronchitis viruses in Iran (2015-2017) reveals domination of IS-1494 like virus. 2017 , 240, 101-106	18
1089	EGinkgotides: Hyperdisulfide-constrained peptides from <i>Ginkgo biloba</i> . 2017 , 7, 6140	9
1088	The complete mitochondrial genome of the burrowing ghost shrimp, (<i>Bouvier</i> , 1901), (Crustacea, Decapoda, Axiidea, Callianassidae) - a validation of the genus and species classifications. 2017 , 2, 238-239	3
1087	(Characiformes, Anostomidae): complete mtDNA sequence of an economically important fish from the Paraná and La Plata river basins. 2017 , 2, 261-263	2
1086	Studies of mitochondrial genomics in. 2017 , 2, 307-308	1
1085	The complete mitochondrial genome of the green microalgae strain SQ. 2017 , 2, 311-312	1
1084	The complete mitochondrial genome of the. 2017 , 2, 329-330	
1083	The complete mitochondrial genome of the. 2017 , 2, 347-348	
1082	The complete mitochondrial DNA of the Cuban gar (). 2017 , 2, 359-360	1
1081	The complete mitochondrial genome of <i>F.</i> (<i>Coreinea</i> , <i>Coreidae</i> , <i>Heteroptera</i>), a pest of fresh cowpea pods. 2017 , 2, 421-423	2
1080	Complete mitochondrial genome of (<i>Ave</i> , <i>Passeriformes</i>). 2017 , 2, 417-418	5

1079	Characterization of complete mitochondrial genome of the Brown Accentor on the Tibet Plateau. 2017 , 2, 435-436	2
1078	Mitochondrial genome analysis of (Diptera, Tachinidae). 2017 , 2, 457-458	21
1077	Complete mitochondrial genome of (Diptera, Stratiomyidae). 2017 , 2, 461-462	25
1076	<i>Spirosoma metallicus</i> sp. nov., isolated from an automobile air conditioning system. 2017 , 55, 673-677	3
1075	High genetic variation and low gene flow among populations of <i>Viscum verrucosum</i> in semi-arid savanna, southwest Zimbabwe. 2017 , 3-5, 41-46	2
1074	<i>Bifiguratus adelaidae</i> , gen. et sp. nov., a new member of Mucoromycotina in endophytic and soil-dwelling habitats. 2017 , 109, 363-378	20
1073	Genetic Characterization of 'Candidatus <i>Liberibacter solanacearum</i> ' Haplotypes Associated with Apiaceous Crops in France. 2017 , 101, 1383-1390	26
1072	Heterogeneous Patterns of Genetic Diversity and Differentiation in European and Siberian Chiffchaff (<i>Parus</i>). 2017 , 7, 3983-3998	4
1071	Evolutionary history of two pollen self-incompatibility factors reveals alternate routes to self-compatibility within. 2017 , 104, 1904-1919	9
1070	Associated bacterial diversity of insecticide-susceptible and -resistant brown planthopper, <i>Nilaparvata lugens</i> (Homoptera: Delphacidae) analyzed by culture-dependent and -independent methods. 2017 , 45, 683-693	2
1069	Biosynthesis and Regulation of Phenylpropanoids in Plants. 2017 , 36, 257-290	161
1068	<i>Polyozellus multiplex</i> (Thelephorales) is a species complex containing four new species. 2017 , 109, 975-992	4
1067	RALF4/19 peptides interact with LRX proteins to control pollen tube growth in. 2017 , 358, 1600-1603	138
1066	<i>Occallatibacter</i> . 2017 , 1-9	0
1065	Molecular Characterization and Co-expression Analysis of the SnRK2 Gene Family in Sugarcane (<i>Saccharum officinarum</i> L.). 2017 , 7, 17659	12
1064	Protein kinase KIN10 from <i>Arabidopsis thaliana</i> as a potential regulator of primary microtubule nucleation centers in plants. 2017 , 51, 415-421	3
1063	Global biogeographic patterns in bipolar moss species. 2017 , 4, 170147	34
1062	Genomic Variation and Evolution of ST36 over the Course of a Transcontinental Epidemic Expansion. 2017 , 8,	36

1061	n. sp. (Adeleorina: Hepatozoidae) from the Japanese wild boar (Mammalia: Cetartiodactyla). 2017 , 6, 354-360	2
1060	A SNP-based association analysis for plant growth habit in worldwide cowpea (<i>Vigna unguiculata</i> (L.) Walp) Germplasm. 2017 , 213, 1	5
1059	Towards a natural classification of <i>Ophiobolus</i> and ophiobolus-like taxa; introducing three novel genera <i>Ophiobolopsis</i> , <i>Paraophiobolus</i> and <i>Pseudoophiobolus</i> in Phaeosphaeriaceae (Pleosporales). 2017 , 87, 299-339	24
1058	Secondary contact between two divergent lineages of charrs of the genus <i>Salvelinus</i> in the Northwest Pacific. 2017 , 53, 1221-1233	8
1057	Seasonality and brain size are negatively associated in frogs: evidence for the expensive brain framework. 2017 , 7, 16629	20
1056	Atmospheric trace gases support primary production in Antarctic desert surface soil. 2017 , 552, 400-403	159
1055	Immune Regulation of Is Species Specific and Infection Intensity Dependent. 2017 , 8,	22
1054	Major role of nitrite-oxidizing bacteria in dark ocean carbon fixation. 2017 , 358, 1046-1051	118
1053	Parasite infection of specific host genotypes relates to changes in prevalence in two natural populations of bumblebees. 2017 , 56, 125-132	5
1052	Serological evidence of hepatitis E virus infection in zoo animals and identification of a rodent-borne strain in a Syrian brown bear. 2017 , 212, 87-92	14
1051	Insights into the species-specific metabolic engineering of glucosinolates in radish (<i>Raphanus sativus</i> L.) based on comparative genomic analysis. 2017 , 7, 16040	21
1050	Distribution and phylogeny of <i>Hyalomma</i> ticks (Acari: Ixodidae) in Turkey. 2017 , 73, 501-519	9
1049	<i>Spirosoma lituiforme</i> sp. nov., isolated from soil. 2017 , 55, 856-861	2
1048	Development, Characterization, and Utility of 13 Polymorphic Microsatellite Loci in <i>Praticolella</i> (Gastropoda: Polygyridae) Species from South Texas, U.S.A.. 2017 , 35, 158-162	
1047	Carbonate-rich dendrolitic cones: insights into a modern analog for incipient microbialite formation, Little Hot Creek, Long Valley Caldera, California. 2017 , 3, 32	16
1046	Evaluating the effect of <i>Clostridium difficile</i> conditioned medium on fecal microbiota community structure. 2017 , 7, 16448	6
1045	Characterization of mitochondrial genome and phylogenetic implications for Chinese black ant, (Hymenoptera: Formicidae). 2017 , 2, 679-680	4
1044	Strategy to Identify and Test Putative Light-Sensitive Non-Opson G-Protein-Coupled Receptors: A Case Study. 2017 , 233, 70-82	4

1043	FKBP12-Dependent Inhibition of Calcineurin Mediates Immunosuppressive Antifungal Drug Action in. 2017 , 8,	10
1042	Dermatophytes and Dermatophytosis. 2017 , 381-425	
1041	Drastic Genome Reduction in an Herbivore's Pectinolytic Symbiont. 2017 , 171, 1520-1531.e13	77
1040	The North American bullfrog draft genome provides insight into hormonal regulation of long noncoding RNA. 2017 , 8, 1433	56
1039	Integrative taxonomy methods reveal high mealybug (Hemiptera: Pseudococcidae) diversity in southern Brazilian fruit crops. 2017 , 7, 15741	8
1038	Genetic potentiality of indigenous rice genotypes from Eastern India with reference to submergence tolerance and deepwater traits. 2017 , 11-12, 23-32	9
1037	HIV-1 sequences in the epidemic suggest an alternative pathway for the generation of the Long Terminal Repeats. 2017 , 7, 13715	
1036	Azole sensitivity in <i>Leptosphaeria</i> pathogens of oilseed rape: the role of lanosterol 14 α -demethylase. 2017 , 7, 15849	8
1035	Epidemiology, pathology and identification of <i>Colletotrichum</i> including a novel species associated with avocado (<i>Persea americana</i>) anthracnose in Israel. 2017 , 7, 15839	51
1034	Genome-wide survey indicates diverse physiological roles of the turnip (<i>Brassica rapa</i> var. <i>rapa</i>) calcium-dependent protein kinase genes. 2017 , 7, 15803	2
1033	Complete Genome Sequences of BK Polyomavirus Strains from Two Patients with Urinary Tract Infection, Sequenced Using the Ion Torrent Platform. 2017 , 5,	
1032	Plastid Genome of <i>Dictyopteris divaricata</i> (Dictyotales, Phaeophyceae): Understanding the Evolution of Plastid Genomes in Brown Algae. 2017 , 19, 627-637	15
1031	Characterization of <i>Erysiphe</i> sp. causing powdery mildew on <i>Saxifraga stolonifera</i> in Korea. 2017 , 12, 1	
1030	Characterizing a thermostable Cas9 for bacterial genome editing and silencing. 2017 , 8, 1647	74
1029	Defense against Reactive Carbonyl Species Involves at Least Three Subcellular Compartments Where Individual Components of the System Respond to Cellular Sugar Status. 2017 , 29, 3234-3254	19
1028	Different on the abundance of in Persian Gulf exceeding in variety comparing to Gulf of Oman. 2017 , 2, 676-678	
1027	Walnut anthracnose caused by <i>Colletotrichum siamense</i> in China. 2017 , 46, 585-595	12
1026	"Canary Islands (NE Atlantic) as a biodiversity 'hotspot' of <i>Gambierdiscus</i> : Implications for future trends of ciguatera in the area". 2017 , 67, 131-143	44

1025	Enzymatic degradation of organophosphorus insecticides decreases toxicity in planarians and enhances survival. 2017 , 7, 15194	23
1024	Morphology and phylogeny of <i>Prorocentrum caipirignum</i> sp. nov. (Dinophyceae), a new tropical toxic benthic dinoflagellate. 2017 , 70, 73-89	25
1023	Unprecedented pathway of reducing equivalents in a diflavin-linked disulfide oxidoreductase. 2017 , 114, 12725-12730	10
1022	Function and structure relationships of a β 1,2-glucooligosaccharide-degrading β glucosidase. 2017 , 591, 3926-3936	17
1021	Bringing back the dead: Genetic data from avian carcasses. 2017 , 41, 796-803	1
1020	Population structure and genetic diversity of coffee progenies derived from <i>Catua</i> and <i>Hbrido</i> de Timor revealed by genome-wide SNP marker. 2017 , 13, 1	15
1019	The maize <i>brevis</i> plant1 is a type II inositol polyphosphate 5-phosphatase. 2017 , 27, 215	
1018	Complete mitochondrial genome of Simao pine caterpillar moth, (Lepidoptera: Lasiocampidae) and the related phylogenetic analysis. 2017 , 2, 611-612	1
1017	New Species of <i>Neopanorpa</i> (Mecoptera) from Vietnam, with a Key to the Species of Mecoptera of Vietnam. 2017 , 119, 529-544	2
1016	Comparative population genetic structure of redbelly tilapia ((Gervais, 1848)) from three different aquatic habitats in Egypt. 2017 , 7, 11092-11099	8
1015	Characterization of a UGT84 Family Glycosyltransferase Provides New Insights into Substrate Binding and Reactivity of Galloylglucose Ester-Forming UGTs. 2017 , 56, 6389-6400	10
1014	Anaerobic digestion of pig manure supernatant at high ammonia concentrations characterized by high abundances of <i>Methanosaeta</i> and non-euryarchaeotal archaea. 2017 , 7, 15077	19
1013	Extreme Suppression of Lateral Floret Development by a Single Amino Acid Change in the VRS1 Transcription Factor. 2017 , 175, 1720-1731	29
1012	A Computational Methodology to Overcome the Challenges Associated With the Search for Specific Enzyme Targets to Develop Drugs Against. 2017 , 11, 1177932217712471	3
1011	Bacterial Degradors of Coexisting Dichloromethane, Benzene, and Toluene, Identified by Stable-Isotope Probing. 2017 , 228, 418	16
1010	Complete Coding Genome Sequences of Uncommon GII.8 Sapovirus Strains Identified in Diarrhea Samples Collected from Peruvian Children. 2017 , 5,	15
1009	Phylogeny of xerophilic aspergilli (subgenus) and taxonomic revision of section. 2017 , 88, 161-236	46
1008	Molecular phylogeny of <i>Bradyrhizobium</i> bacteria isolated from root nodules of tribe Genisteae plants growing in southeast Poland. 2017 , 40, 482-491	14

1007	Trunk dental tissue evolved independently from underlying dermal bony plates but is associated with surface bones in living odontode-bearing catfish. 2017 , 284,	12
1006	Magnetite production and transformation in the methanogenic consortia from coastal riverine sediments. 2017 , 55, 862-870	15
1005	<i>Spirosoma flavus</i> sp. nov., a novel bacterium from soil of Jeju Island. 2017 , 55, 850-855	1
1004	Discovery of T-cell Driven Subunit Vaccines from Zika Virus Genome: An Immunoinformatics Approach. 2017 , 9, 468-477	9
1003	New method for the identification of arbuscular mycorrhizal fungi by proteomic-based biotyping of spores using MALDI-TOF-MS. 2017 , 7, 14306	13
1002	Description of a New Species for Asian Populations of the "Cosmopolitan" <i>Perinereis cultrifera</i> (Annelida: Nereididae). 2017 , 34, 252-260	4
1001	Phylogenetic study of the <i>Colletotrichum</i> species on imported citrus fruits uncovers a low diversity and a new species in the <i>Colletotrichum gigasporum</i> complex. 2017 , 121, 858-868	16
1000	Origin, prevalence and response to therapy of hepatitis C virus genotype 2k/1b chimeras. 2017 , 67, 680-686	29
999	Prevalence and genetic diversity of blood parasite mixed infections in Spanish terrapins, <i>Mauremys leprosa</i> . 2017 , 144, 1449-1457	11
998	Co-existence of Anaerobic Ammonium Oxidation Bacteria and Denitrifying Anaerobic Methane Oxidation Bacteria in Sewage Sludge: Community Diversity and Seasonal Dynamics. 2017 , 74, 832-840	18
997	Process optimization of α -Hexachlorocyclohexane degradation using three novel <i>Bacillus</i> sp. strains. 2017 , 11, 97-107	16
996	Paralog-divergent Features May Help Reduce Off-target Effects of Drugs: Hints from Glucagon Subfamily Analysis. 2017 , 15, 246-254	1
995	Genetic diversity in the C-terminus of merozoite surface protein 1 among <i>Plasmodium knowlesi</i> isolates from Selangor and Sabah Borneo, Malaysia. 2017 , 54, 39-46	13
994	Infections of horses and shrews with Bornaviruses in Upper Austria: a novel endemic area of Borna disease. 2017 , 6, e52	19
993	High resolution profiling of coral-associated bacterial communities using full-length 16S rRNA sequence data from PacBio SMRT sequencing system. 2017 , 7, 2774	63
992	Tracing the epidemic history of HIV-1 CRF01_AE clusters using near-complete genome sequences. 2017 , 7, 4024	25
991	A Single-Target Mitochondrial RNA Editing Factor of <i>Funaria hygrometrica</i> Can Fully Reconstitute RNA Editing at Two Sites in <i>Physcomitrella patens</i> . 2017 , 58, 496-507	8
990	Morphological and molecular characterization of <i>Travassosinema claudiae</i> n. sp. (Oxyuridomorpha: Travassosinematidae) from the Japanese millipede <i>Parafontaria laminata</i> (Attems, 1909) (Polydesmida: Xystodesmidae). 2017 , 4282, 166	6

989	Globally intertwined evolutionary history of giant barrel sponges. 2017 , 36, 933-945	19
988	New data on <i>Neodiplostomum americanum</i> Chandler and Rausch, 1947 (Digenea: Diplostomidae), in the Great Horned Owl <i>Bubo virginianus</i> Gmelin, 1788 and the Eastern Screech Owl <i>Megascops asio</i> Linnaeus, 1758 in Mississippi, USA. 2017 , 116, 2075-2089	4
987	Isolation of an indigenous <i>Chlorella vulgaris</i> from swine wastewater and characterization of its nutrient removal ability in undiluted sewage. 2017 , 243, 247-253	37
986	Two LEAFY homologs ILFY1 and ILFY2 control reproductive and vegetative developments in <i>Isoetes</i> L. 2017 , 7, 225	4
985	Morphological description of egg masses and hatchlings of <i>Lolliguncula diomedea</i> (Cephalopoda: Loliginidae). 2017 , 83, 194-199	3
984	Genome Analysis of <i>Endomicrobium proavitum</i> Suggests Loss and Gain of Relevant Functions during the Evolution of Intracellular Symbionts. 2017 , 83,	14
983	PL10 DEAD-Box Protein is Expressed during Germ Cell Differentiation in the Reptile <i>Podarcis sicula</i> (Family Lacertidae). 2017 , 328, 433-448	3
982	Piroplasms in brown hyaenas (<i>Parahyaena brunnea</i>) and spotted hyaenas (<i>Crocuta crocuta</i>) in Namibia and South Africa are closely related to <i>Babesia lengau</i> . 2017 , 116, 685-692	7
981	<i>Coccomyxa</i> : a dominant planktic alga in two acid lakes of different origin. 2017 , 21, 245-257	6
980	Genome-wide identification and expression profiling of the SOX gene family in a bivalve mollusc <i>Patinopecten yessoensis</i> . 2017 , 627, 530-537	18
979	Metagenomic Survey of Potential Symbiotic Bacteria and Polyketide Synthase Genes in an Indonesian Marine Sponge. 2017 , 24, 6-15	3
978	Ecological preferences of <i>Metarhizium</i> spp. from Russia and neighboring territories and their activity against Colorado potato beetle larvae. 2017 , 149, 1-7	16
977	Prevalence of drug resistance among HIV-1 treatment-naive patients in Greece during 2003-2015: Transmitted drug resistance is due to onward transmissions. 2017 , 54, 183-191	21
976	The malate sensing two-component system MaeKR is a non-canonical class of sensory complex for C4-dicarboxylates. 2017 , 7, 2708	4
975	Dynamic responses to silicon in <i>Thalassiosira pseudonana</i> - Identification, characterisation and classification of signature genes and their corresponding protein motifs. 2017 , 7, 4865	11
974	Whole transcriptome sequencing of <i>Pseudomonas syringae</i> pv. <i>actinidiae</i> -infected kiwifruit plants reveals species-specific interaction between long non-coding RNA and coding genes. 2017 , 7, 4910	25
973	Ectopic Expression of WINDING 1 Leads to Asymmetrical Distribution of Auxin and a Spiral Phenotype in Rice. 2017 , 58, 1494-1506	1
972	Evolutionary Aspects of Grapevine Virology. 2017 , 659-688	10

971	Detection and genotyping of bovine leukemia virus in Mexican cattle. 2017 , 162, 3191-3196	3
970	Can we predict diatoms herbicide sensitivities with phylogeny? Influence of intraspecific and interspecific variability. 2017 , 26, 1065-1077	12
969	Strong increase of durum wheat iron and zinc content by field-inoculation with arbuscular mycorrhizal fungi at different soil nitrogen availabilities. 2017 , 419, 153-167	37
968	Morphological identity of a taxonomically unassigned cytochrome c oxidase subunit I sequence from stomach contents of juvenile chum salmon determined using polymerase chain reaction. 2017 , 83, 757-765	3
967	25 years of serving the community with ribosomal RNA gene reference databases and tools. 2017 , 261, 169-176	294
966	Sequence variation in the B1 gene among <i>Toxoplasma gondii</i> isolates from swine and cats in Italy. 2017 , 115, 353-355	4
965	Transcriptome analysis of <i>Helicoverpa armigera</i> male hairpencils: Alcohol biosynthesis and requirement for mating success. 2017 , 87, 154-164	8
964	The p53 gene with emphasis on its paralogues in mosquitoes. 2017 , 50, 747-754	5
963	Phenolic Responses to Esca-Associated Fungi in Differently Decayed Grapevine Woods from Different Trunk Parts of 'Cabernet Sauvignon'. 2017 , 65, 6615-6624	9
962	Bacterial Production of a Pederin Analogue by a Free-Living Marine Alphaproteobacterium. 2017 , 80, 2170-2173	21
961	Revisiting antithrombotic therapeutics; sculptin, a novel specific, competitive, reversible, scissile and tight binding inhibitor of thrombin. 2017 , 7, 1431	9
960	The chromosomes and the mitogenome of <i>Ceratitis fasciventris</i> (Diptera: Tephritidae): two genetic approaches towards the <i>Ceratitis</i> FAR species complex resolution. 2017 , 7, 4877	14
959	Detection of misidentifications of species from the <i>Burkholderia cepacia</i> complex and description of a new member, the soil bacterium <i>Burkholderia catarinensis</i> sp. nov. 2017 , 75,	35
958	Description of Active Post-Larval Forms of <i>Neotrombicula vulgaris</i> (Schluger, 1955) (Prostigmata: Trombiculidae), with Notes on Biology and Ecology of the Species. 2017 , 67, 243-251	3
957	Taxonomic assignment of the benthic toxigenic dinoflagellate <i>Gambierdiscus</i> sp. type 6 as <i>Gambierdiscus balechii</i> (Dinophyceae), including its distribution and ciguatoxicity. 2017 , 67, 107-118	21
956	Metagenomic binning of a marine sponge microbiome reveals unity in defense but metabolic specialization. 2017 , 11, 2465-2478	88
955	Diversity of Sweepoviruses Infecting Sweet Potato in China. 2017 , 101, 2098-2103	5
954	Functional characterization of single-domain cystatin-like cysteine proteinase inhibitors expressed by the trematode <i>Fasciola hepatica</i> . 2017 , 144, 1695-1707	8

953	Phylogeny and morphology of <i>Ovipleistophora diplostomuri</i> n. sp. (Microsporidia) with a unique dual-host tropism for bluegill sunfish and the digenean parasite <i>Posthodiplostomum minimum</i> (Strigeatida). 2017 , 144, 1898-1911	10
952	Activation of gene expression by histone deubiquitinase OTLD1. 2017 , 12, 584-590	9
951	Life at the beach: comparative phylogeography of a sandhopper and its nematode parasite reveals extreme lack of parasite mtDNA variation. 2017 , 122, 113-132	7
950	Molecular phylogeny of the Haplospianchata Olson, Cribb, Tkach, Bray and Littlewood, 2003, with a description of <i>Schikhobalotrema huffmanii</i> n. sp. 2017 , 62, 502-512	6
949	Geospatial and temporal associations of Getah virus circulation among pigs and horses around the perimeter of outbreaks in Japanese racehorses in 2014 and 2015. 2017 , 13, 187	8
948	The genome sequence of <i>Condylorrhiza vestigialis</i> NPV, a novel baculovirus for the control of the Alamo moth on <i>Populus</i> spp. in Brazil. 2017 , 148, 152-161	2
947	Complete genome sequence of Ostreid herpesvirus type 1 μ Var isolated during mortality events in the Pacific oyster <i>Crassostrea gigas</i> in France and Ireland. 2017 , 509, 239-251	28
946	Over-expression of GmSN1 enhances virus resistance in <i>Arabidopsis</i> and soybean. 2017 , 36, 1441-1455	11
945	Hypoxia-Inducible Factor-1 β n Antarctic notothenioids contains a polyglutamine and glutamic acid insert that varies in length with phylogeny. 2017 , 40, 2537-2545	4
944	<i>Trichoderma asperellum</i> (NVT2) as a potential antagonist for the management of stem rot in carnation under protected cultivation. 2017 , 113, 58-64	21
943	Hypoxia Sensing in Plants: On a Quest for Ion Channels as Putative Oxygen Sensors. 2017 , 58, 1126-1142	43
942	Characterization of a Large Antibiotic Resistance Plasmid Found in Enteropathogenic <i>Escherichia coli</i> Strain B171 and Its Relatedness to Plasmids of Diverse <i>E. coli</i> and <i>Shigella</i> Strains. 2017 , 61,	7
941	High contents of eicosapentaenoic acid and docosahexaenoic acid in the mixotrophic dinoflagellate <i>Paragymnodinium shiwhaense</i> and identification of putative omega-3 biosynthetic genes. 2017 , 25, 525-537	8
940	Genome-wide identification, evolution, and expression analysis of GATA transcription factors in apple (<i>Malus domestica</i> Borkh.). 2017 , 627, 460-472	17
939	Genome-wide identification of nuclear receptor (NR) genes and the evolutionary significance of the NR10 subfamily in the monogonont rotifer <i>Brachionus</i> spp. 2017 , 252, 219-225	9
938	Identification and expression analysis of CYS-A1, CYS-C1, NIT4 genes in rice seedlings exposed to cyanide. 2017 , 26, 956-965	9
937	Novel mastreviruses identified in Australian wild rice. 2017 , 238, 193-197	10
936	Evolution of Th2 responses: characterization of IL-4/13 in sea bass (<i>Dicentrarchus labrax</i> L.) and studies of expression and biological activity. 2017 , 7, 2240	17

935	The complete mitochondrial genome of a medicinal fungus. 2017 , 2, 95-96		5
934	The draft genome sequence of sp. CRA2 isolated from Nama Karoo shrub land soils from South Africa. 2017 , 13, 21-23		
933	A Critical Review on the Use of Support Values in Tree Viewers and Bioinformatics Toolkits. <i>Molecular Biology and Evolution</i> , 2017 , 34, 1535-1542	8.3	13
932	Detection and Characterization of <i>Xanthomonas vasicola</i> pv. <i>vasculorum</i> (Cobb 1894) comb. nov. Causing Bacterial Leaf Streak of Corn in the United States. 2017 , 107, 1312-1321		30
931	Internal Transcribed sequence (ITS) of <i>Halocafeteria seosinensis</i> (Bicosoecids). 2017 , 6, 266-268		1
930	Fungal BVMOs as alternatives to cyclohexanone monooxygenase. 2017 , 106, 11-17		15
929	A possible origin population of pathogenic intestinal nematodes, <i>Strongyloides stercoralis</i> , unveiled by molecular phylogeny. 2017 , 7, 4844		42
928	An Analysis of the Complete Genome Sequence and Subgenomic RNAs Reveals Unique Features of the Ampelovirus, Grapevine leafroll-associated virus 1. 2017 , 107, 1069-1079		8
927	A red squirrel associated adenovirus identified by a combined microarray and deep sequencing approach. 2017 , 162, 3167-3172		10
926	Beneficial traits of bacterial endophytes belonging to the core communities of the tomato root microbiome. 2017 , 247, 149-156		46
925	Are microbial symbionts involved in the speciation of the gall-inducing aphid, <i>Slavum wertheimae</i> ?. 2017 , 11, 475-484		1
924	<i>Hymenobacter daeguensis</i> sp. nov. isolated from river water. 2017 , 55, 253-259		9
923	The complete mitochondrial genome of the copperhead (<i>Agkistrodon contortrix</i>) and phylogenetic analyses of Crotalinae (Serpentes; Colubroidea; Viperidae). 2017 , 9, 607-611		
922	First report of Iris yellow spot virus in Costa Rica. 2017 , 12, 1		1
921	Morphological and molecular identification of <i>Cytospora chrysosperma</i> causing canker disease on <i>Prunus persica</i> . 2017 , 12, 1		1
920	<i>Helicobacter pylori</i> does not use spermidine synthase to produce spermidine. 2017 , 490, 861-867		2
919	Unraveling the venom components of an encyrtid endoparasitoid wasp <i>Diversinervus elegans</i> . 2017 , 136, 15-26		11
918	Genetic diversity of armored scales (Hemiptera: Diaspididae) and soft scales (Hemiptera: Coccidae) in Chile. 2017 , 7, 2014		13

917	Complete mitochondrial genome of near threatened fish species (Cypriniformes: Cyprinidae). 2017 , 2, 300-301	2
916	Prevalence of <i>Bacillus</i> sp. among the biofilm forming community on Ti surface in marine environment. 2017 , 36, 89-94	
915	Spatial distribution of <i>Monilinia fructicola</i> and <i>M. laxa</i> in stone fruit production areas in Western Australia. 2017 , 46, 339-349	6
914	Cleaning and Disinfection of Biofilms Composed of <i>Listeria monocytogenes</i> and Background Microbiota from Meat Processing Surfaces. 2017 , 83,	73
913	Olfactory coding from the periphery to higher brain centers in the <i>Drosophila</i> brain. 2017 , 15, 56	28
912	First record of the megamouth shark, <i>Megachasma pelagios</i> , (family Megachasmidae) in the tropical western North Atlantic Ocean. 2017 , 10,	4
911	Diversification and domain evolution of molluskan metallothioneins: a mini review. 2017 , 20,	4
910	Phylogenetic analysis of H9N2 avian influenza viruses in Afghanistan (2016-2017). 2017 , 162, 3161-3165	10
909	DNA barcoding allows identification of European Fanniidae (Diptera) of forensic interest. 2017 , 278, 106-114	11
908	Impact of species delimitation and sampling on niche models and phylogeographical inference: A case study of the East African reed frog <i>Hyperolius substriatus</i> Ahl, 1931. 2017 , 114, 261-270	4
907	Partial revision of the <i>Pyrgulopsis kolobensis</i> complex (Caenogastropoda: Hydrobiidae), with resurrection of <i>P. pinetorum</i> and description of three new species from the Virgin River drainage, Utah. 2017 ,	1
906	Stand-Alone EAL Domain Proteins Form a Distinct Subclass of EAL Proteins Involved in Regulation of Cell Motility and Biofilm Formation in Enterobacteria. 2017 , 199,	19
905	Biochemistry of Catabolic Reductive Dehalogenation. 2017 , 86, 357-386	62
904	Integration of quantitated expression estimates from polyA-selected and rRNA-depleted RNA-seq libraries. 2017 , 18, 301	18
903	The essential requirement of an animal heme peroxidase protein during the wing maturation process in <i>Drosophila</i> . 2017 , 17, 1	10
902	Phylogenetic analysis of ionotropic L-glutamate receptor genes in the Bilateria, with special notes on <i>Aplysia californica</i> . 2017 , 17, 11	13
901	Ruminant-specific multiple duplication events of PRDM9 before speciation. 2017 , 17, 79	3
900	Very high MHC Class IIB diversity without spatial differentiation in the mediterranean population of greater Flamingos. 2017 , 17, 56	12

899	Retention of duplicated long-wavelength opsins in mosquito lineages by positive selection and differential expression. 2017 , 17, 84	15
898	RUNX2 repeat variation does not drive craniofacial diversity in marsupials. 2017 , 17, 110	9
897	Evolutionary origin of type IV classical cadherins in arthropods. 2017 , 17, 142	9
896	Comparative analysis of the mitochondrial genomes of <i>Colletotrichum gloeosporioides</i> sensu lato: insights into the evolution of a fungal species complex interacting with diverse plants. 2017 , 18, 171	20
895	Whole genome sequencing reveals within-host genetic changes in paired meningococcal carriage isolates from Ethiopia. 2017 , 18, 407	17
894	Comparison of pathogenic and non-pathogenic <i>Enterococcus cecorum</i> strains from different animal species. 2017 , 17, 33	20
893	Determining <i>Clostridium difficile</i> intra-taxa diversity by mining multilocus sequence typing databases. 2017 , 17, 62	11
892	Lip leishmaniasis: a case series with molecular identification and literature review. 2017 , 17, 96	18
891	Variability in P1 gene redefines phylogenetic relationships among cassava brown streak viruses. 2017 , 14, 118	11
890	Real-time monitoring of PtaHMGB activity in poplar transactivation assays. 2017 , 13, 50	7
889	Cellulosic ethanol production via consolidated bioprocessing by a novel thermophilic anaerobic bacterium isolated from a Himalayan hot spring. 2017 , 10, 73	42
888	Applications of microalgal biofilms for wastewater treatment and bioenergy production. 2017 , 10, 120	84
887	Black-backed jackals (<i>Canis mesomelas</i>) are natural hosts of <i>Babesia rossi</i> , the virulent causative agent of canine babesiosis in sub-Saharan Africa. 2017 , 10, 124	18
886	Distribution and phylogeny of <i>Wolbachia</i> strains in wild mosquito populations in Sri Lanka. 2017 , 10, 230	19
885	Detection and genetic characterization of a wide range of infectious agents in <i>Ixodes pavlovskyi</i> ticks in Western Siberia, Russia. 2017 , 10, 258	38
884	Immunolocation and enzyme activity analysis of <i>Cryptosporidium parvum</i> enolase. 2017 , 10, 273	2
883	Molecular investigation and phylogeny of Anaplasmataceae species infecting domestic animals and ticks in Corsica, France. 2017 , 10, 302	27
882	Comparative genomic analysis reveals genetic features related to the virulence of FORC_013. 2017 , 9, 29	4

881	The community structure of in the rumen of Chinese goats and its response to a high-grain diet. 2017 , 8, 47	13
880	Isolation of biologically active peptides from the venom of Japanese carpenter bee,. 2017 , 23, 29	4
879	Characterization of novel microsatellite markers of the Emei Shan Liocichla using restriction site-associated DNA sequencing. 2017 , 8,	3
878	High-quality-draft genome sequence of the fermenting bacterium type strain GluBS11 (DSM 29698). 2017 , 12, 24	4
877	Genome sequencing and analysis of phylotype I strains FJAT-91, FJAT-452 and FJAT-462 isolated from tomato, eggplant, and chili pepper in China. 2017 , 12, 29	1
876	Complete genome sequence of a Capsicum chlorosis virus in China and the structural variation and evolutionary origin of its S RNA intergenic region. 2017 , 162, 3229-3232	2
875	Identification and Symbiotic Phenotype Characterization of an OPDA Reductase Gene AsOPR1 in Chinese Milk Vetch. 2017 , 35, 469-479	
874	A comparative study of utilization of single and mixed phenolic compounds by individual and mixed culture. 2017 , 7, 215	
873	Isolation and expression analysis of defensin gene and its promoter from Brassica juncea. 2017 , 124, 591-600	5
872	Long-term investigation of constructed wetland wastewater treatment and reuse: Selection of adapted plant species for metaremediation. 2017 , 201, 120-128	24
871	UgpB, a periplasmic component of the UgpABCE ATP-binding cassette transporter, predominantly follows the Sec translocation pathway. 2017 , 13, 129-139	3
870	Phylogenetic analysis of Placobdella (Hirudinea: Rhynchobdellida: Glossiphoniidae) with consideration of COI variation. 2017 , 114, 234-248	21
869	The Timescale of Emergence and Spread of Turnip Mosaic Potyvirus. 2017 , 7, 4240	37
868	Single-stranded RNA viruses infecting the invasive Argentine ant, Linepithema humile. 2017 , 7, 3304	30
867	Mitogenomic analyses support the recent division of the genus Orthotrichum (Orthotrichaceae, Bryophyta). 2017 , 7, 4408	21
866	Auxin homeostasis: the DAO of catabolism. 2017 , 68, 3145-3154	58
865	AspWood: High-Spatial-Resolution Transcriptome Profiles Reveal Uncharacterized Modularity of Wood Formation in. 2017 , 29, 1585-1604	119
864	Identification of young-of-the-year great hammerhead shark Sphyrna mokarran in northern Florida and South Carolina. 2017 , 91, 664-668	5

863	New insights into global biogeography, population structure and natural selection from the genome of the epipelagic copepod <i>Oithona</i> . 2017 , 26, 4467-4482	22
862	Cis-regulatory evolution in a wild primate: Infection-associated genetic variation drives differential expression of MHC-DQA1 in vitro. 2017 , 26, 4523-4535	1
861	Morphological description and DNA barcoding of <i>Hydrobaenus golovinensis</i> sp. nov. (Diptera: Chironomidae: Orthoclaadiinae) from the Russian Far East. 2017 , 4286, 277	4
860	Presence of Human Hepatitis B Virus-1 in a Cohort of People Who Inject Drugs. 2017 , 167, 1-7	21
859	Genetic diversity of <i>Batrachium</i> (Ranunculaceae) species reveals the necessity of their protection in Lithuanian rivers. 2017 , 142, 61-70	6
858	Molecular and morphological characterization of <i>Acanthamoeba</i> isolated from corneal scrapes and contact lens wearers in Argentina. 2017 , 54, 170-175	8
857	Characterization of MHC class I in a long distance migratory wader, the Icelandic black-tailed godwit. 2017 , 69, 463-478	4
856	Phytoremediation potential of rhizobacterial isolates from Kans grass (<i>Saccharum spontaneum</i>) of fly ash ponds. 2017 , 19, 1373-1385	20
855	The orthologs of HLA-DQ and -DP genes display abundant levels of variability in macaque species. 2017 , 69, 87-99	13
854	Bioinformatic analysis of fold-type III PLP-dependent enzymes discovers multimeric racemases. 2017 , 101, 1499-1507	1
853	Aneurinifactin, a new lipopeptide biosurfactant produced by a marine <i>Aneurinibacillus aneurinilyticus</i> SBP-11 isolated from Gulf of Mannar: Purification, characterization and its biological evaluation. 2017 , 194, 1-9	62
852	Indexing the <i>Pseudomonas</i> specialized metabolome enabled the discovery of poaeamide B and the bananamides. 2016 , 2, 16197	83
851	Fast and Accurate Estimates of Divergence Times from Big Data. <i>Molecular Biology and Evolution</i> , 2017 , 34, 45-50	8.3 33
850	A new species of <i>Microcotyle</i> (Monogenea: Microcotylidae) from <i>Scorpaena notata</i> (Teleostei: Scorpaenidae) in the Mediterranean Sea. 2017 , 66, 37-42	24
849	The chromosomal basis of meiotic acentrosomal spindle assembly and function in oocytes. 2017 , 126, 351-364	26
848	Membrane Proteomic Insights into the Physiology and Taxonomy of an Oleaginous Green Microalga. 2017 , 173, 390-416	10
847	Complete mitochondrial genomes of Thai and Lao populations indicate an ancient origin of Austroasiatic groups and demic diffusion in the spread of Tai-Kadai languages. 2017 , 136, 85-98	37
846	Complete nucleotide sequence of a new filamentous phage, Xf109, which integrates its genome into the chromosomal DNA of <i>Xanthomonas oryzae</i> . 2017 , 162, 567-572	5

845	Evolution of the RH gene family in vertebrates revealed by brown hagfish (<i>Eptatretus atami</i>) genome sequences. 2017 , 107, 1-9	3
844	Weird genotypes? Don't discard them, transmissible cancer could be an explanation. 2017 , 10, 140-145	13
843	<i>bmp15l</i> , <i>figla</i> , <i>smc1bl</i> , and <i>larp6l</i> are preferentially expressed in germ cells in Atlantic salmon (<i>Salmo salar</i> L.). 2017 , 84, 76-87	7
842	Clinical and molecular features of adenovirus type 2, 3, and 7 infections in children in an outbreak in Taiwan, 2011. 2017 , 23, 110-116	27
841	Fungal and plant gene expression in the <i>Tulasnella calospora</i> - <i>Serapias vomeracea</i> symbiosis provides clues about nitrogen pathways in orchid mycorrhizas. 2017 , 213, 365-379	69
840	Characterization of mitochondrial glycerol-3-phosphate acyltransferase in notothenioid fishes. 2017 , 204, 9-26	2
839	Phylogenetic and Functional Classification of the Photolyase/Cryptochrome Family. 2017 , 93, 104-111	46
838	The complete mitochondrial genome sequence of the sea urchin <i>Glyptocidaris crenularis</i> and its phylogenetic analysis. 2017 , 9, 63-66	1
837	<i>Sarcocystis entzerothi</i> n. sp. from the European roe deer (<i>Capreolus capreolus</i>). 2017 , 116, 271-279	15
836	Phylogenetic and functional analyses of a plant protein related to human B-cell receptor-associated proteins. 2017 , 132, 28-37	12
835	Structural and functional annotation of human FAM26F: A multifaceted protein having a critical role in the immune system. 2017 , 597, 66-75	12
834	A new species of <i>Clionea</i> distinguished from sympatric <i>C. limacina</i> (Gastropoda: Gymnosomata) in the southern Okhotsk Sea, Japan, with remarks on the taxonomy of the genus. 2017 , 83, 19-26	3
833	Detection of pseudocowpox virus in water buffalo (<i>Bubalus bubalis</i>) with vesicular disease in the state of São Paulo, Brazil, in 2016. 2017 , 37, 16-22	6
832	Incidence and molecular characterisation of lumpy skin disease virus in Zimbabwe using the P32 gene. 2017 , 49, 47-54	14
831	Functional Role of MrpA in the MrpABCDEF Na ⁺ /H ⁺ Antiporter Complex from the Archaeon <i>Methanosarcina acetivorans</i> . 2017 , 199,	13
830	Pomegranate dieback caused by <i>Lasiodiplodia gilanensis</i> in California. 2017 , 148, 223-228	4
829	Polyphasic and functional diversity of high altitude culturable <i>Bacillus</i> from rhizosphere of <i>Eleusine coracana</i> (L.) Gaertn.. 2017 , 110, 127-136	5
828	Hydrolytic enzyme-producing microbes in the Antarctic oligochaete <i>Grania</i> sp. (Annelida). 2017 , 40, 947-953	17

827	Do genome size differences within (Rotifera, Monogononta) cause reproductive barriers among geographic populations?. 2017 , 796, 59-75	10
826	Identification and characterization of yeasts isolated from the South Shetland Islands and the Antarctic Peninsula. 2017 , 40, 649-658	16
825	Serpins in arthropod biology. 2017 , 62, 105-119	77
824	Molecular phylogenies challenge the classification of Polymastiidae (Porifera, Demospongiae) based on morphology. 2017 , 17, 45-66	10
823	Spatio-Temporal Monitoring and Ecological Significance of Retrievable Pelagic Heterotrophic Bacteria in Kongsfjorden, an Arctic Fjord. 2017 , 57, 116-120	6
822	Arbuscular mycorrhizal fungi alter Hg root uptake and ligand environment as studied by X-ray absorption fine structure. 2017 , 133, 12-23	22
821	The expression and function of hsp30-like small heat shock protein genes in amphibians, birds, fish, and reptiles. 2017 , 203, 179-192	20
820	Life cycle and biology of <i>Tristriata anatis</i> (Digenea: Notocotylidae): morphological and molecular approaches. 2017 , 116, 45-59	15
819	D-Xylose fermentation, xylitol production and xylanase activities by seven new species of <i>Sugiyamaella</i> . 2017 , 110, 53-67	23
818	MALDI-TOF mass spectrometry for the identification of lactic acid bacteria isolated from a French cheese: The Maroilles. 2017 , 247, 2-8	57
817	The full genome sequences of 8 equine herpesvirus type 4 isolates from horses in Japan. 2017 , 79, 206-212	3
816	Study of the performance of a thermophilic biological methanation system. 2017 , 225, 308-315	55
815	Functional Characterization of Adaptive Mutations during the West African Ebola Virus Outbreak. 2017 , 91,	43
814	Rapid bacteria identification from environmental mining samples using MALDI-TOF MS analysis. 2017 , 24, 3717-3726	20
813	Specific populations of the yeast <i>Geotrichum candidum</i> revealed by molecular typing. 2017 , 34, 165-178	10
812	Multiple transporters are involved in natamycin efflux in <i>Streptomyces chattanoogensis</i> L10. 2017 , 103, 713-728	15
811	Mutations in the CYP51 gene reduce DMI sensitivity in <i>Parastagonospora nodorum</i> populations in Europe and China. 2017 , 73, 1503-1510	31
810	Microdiversification of a Pelagic Polynucleobacter Species Is Mainly Driven by Acquisition of Genomic Islands from a Partially Interspecific Gene Pool. 2017 , 83,	38

809	Proteomics and antivenomics of Papuan black snake (<i>Pseudechis papuanus</i>) venom with analysis of its toxicological profile and the preclinical efficacy of Australian antivenoms. 2017 , 150, 201-215	17
808	The effect of plant growth-promoting rhizobacteria on the growth, physiology, and Cd uptake of <i>Arundo donax</i> L. 2017 , 19, 360-370	34
807	First report of Grapevine Pinot gris virus infecting grapevine in Brazil. 2017 , 12, 1	13
806	Whole genome sequence and a phylogenetic analysis of the G8P[14] group A rotavirus strain from roe deer. 2017 , 13, 353	7
805	<i>Phyllosticta capitalensis</i> causes black spot on persimmon (<i>Diospyros kaki</i>) fruit in Taiwan. 2017 , 12, 1	2
804	Dry season characteristics in western Amazonia underlie the divergence of <i>Astrocaryum</i> section Huicungo (Arecaceae) and evaluation of potential anatomical adaptations. 2017 , 185, 291-306	1
803	Post genomics era for orchid research. 2017 , 58, 61	22
802	Hermaphroditic freshwater mussel does not have supranumerary open reading frames in the mitogenome. 2017 , 2, 862-864	8
801	Genetic Diversity and Prevalence of <i>Leishmania mexicana</i> in <i>Bichromomyia olmeca olmecina</i> an Endemic Area of Mexico. 2017 , 42, 983-994	2
800	The complete mitochondrial genome of olive barb, (Hamilton, 1822) and its phylogenetic status. 2017 , 2, 940-942	1
799	Analysis of the Genes Involved in Thiocyanate Oxidation during Growth in Continuous Culture of the Haloalkaliphilic Sulfur-Oxidizing Bacterium ARh 2 Using Transcriptomics. 2017 , 2,	9
798	Structure-Related Differences between Cytochrome Oxidase I Proteins in a Stable Heteroplasmic Mitochondrial System. 2017 , 9, 3265-3281	9
797	High-throughput sequencing revealed novel Dehalococcoidia in dechlorinating microbial enrichments from PCB-contaminated marine sediments. 2017 , 93,	10
796	Expanded Taxonomic Sampling Coupled with Gene Genealogy Interrogation Provides Unambiguous Resolution for the Evolutionary Root of Angiosperms. 2017 , 9, 3154-3161	14
795	The gorgonian coral <i>Eunicella labiata</i> hosts a distinct prokaryotic consortium amenable to cultivation. 2017 , 93,	21
794	Rediscovery of a halophytic endemic and rare species of <i>Portulaca</i> (Portulacaceae) from central Argentina: morphology and its phylogenetic position. 2017 , 332, 41	
793	Features of Protein-Protein Interactions in the Cyanobacterial Photoprotection Mechanism. 2017 , 82, 1592-1614	17
792	Enhancement of phylogenetic tree construction based on differential evolution algorithm. 2017 ,	

791	Molecular architectures of benzoic acid-specific type III polyketide synthases. 2017 , 73, 1007-1019	9
790	<i>Spirosoma migulaei</i> sp. nov., isolated from soil. 2017 , 55, 927-932	3
789	Leading role of TBP in the Establishment of Complexity in Eukaryotic Transcription Initiation Systems. 2017 , 21, 3941-3956	5
788	Comparative genetic structure in two high-dispersal prawn species from the south-west Indian Ocean. 2017 , 39, 467-474	4
787	Genome-Wide Identification of Mitogen-activated Protein Kinase Cascade Genes and Transcriptional Profiling Analysis during Organ Development in <i>Eucommia ulmoides</i> . 2017 , 7, 17732	5
786	Characterization of the complete chloroplast genome sequence of in Hainan, China. 2017 , 2, 843-844	15
785	The complete mitochondrial genome of Yihe bream, <i>Yih</i> . 2017 , 2, 566-567	
784	Complete mitochondrial genome of (Hymenoptera: Apidae). 2017 , 2, 604-606	7
783	Determination of complete mitogenome sequence for Eastern Asian population of (Harrington, 1897) (Polychaeta: Nereididae). 2017 , 2, 669-671	3
782	Complete mitochondrial genome of Cramer (Lepidoptera: Zygaenidae). 2017 , 2, 636-637	5
781	Complete mitogenome of tea green leafhopper, (Hemiptera: Cicadellidae) from Anshun, Guizhou Province in China. 2017 , 2, 808-809	13
780	Characterization of the complete chloroplast genome of longan (Lour.) using illumina paired-end sequencing. 2017 , 2, 904-906	3
779	Characterisation of <i>Neoscytalidium dimidiatum</i> causing leaf blight on <i>Sansevieria trifasciata</i> in Malaysia. 2017 , 12, 1	11
778	Oxidative rearrangement of (+)-sesamin by CYP92B14 co-generates twin dietary lignans in sesame. 2017 , 8, 2155	22
777	Study on inter-taxon population structure and diversity variation of <i>hosta</i> inferring from trnG-trnS regional cpDNA. 2017 , 62, 211-220	
776	Evolution of pollination systems involving edible trichomes in orchids. 2017 , 9,	13
775	Genetic relationships of Chukchi charr <i>Salvelinus andriashevi</i> and Taranetz charr <i>Salvelinus taranetzi</i> . 2017 , 53, 1137-1145	3
774	Evolution of a flipped pathway creates metabolic innovation in tomato trichomes through BAHD enzyme promiscuity. 2017 , 8, 2080	30

773	Testing Convergent Evolution in Auditory Processing Genes between Echolocating Mammals and the Aye-Aye, a Percussive-Foraging Primate. 2017 , 9, 1978-1989	4
772	Molecular detection of <i>Histoplasma capsulatum</i> in insectivorous and frugivorous bats in Southeastern Brazil. 2018 , 56, 937-940	6
771	Transcript profiling indicates a widespread role for bacterial-type phosphoenolpyruvate carboxylase in malate-accumulating sink tissues. 2017 , 68, 5857-5869	2
770	Evolutionary Origins of Pax6 Control of Crystallin Genes. 2017 , 9, 2075-2092	14
769	The JASMONATE ZIM-Domain Gene Family Mediates JA Signaling and Stress Response in Cotton. 2017 , 58, 2139-2154	34
768	Complete Mitochondrial Genomes of the Cherskii's Sculpin and Siberian Taimen Reveal GenBank Entry Errors: Incorrect Species Identification and Recombinant Mitochondrial Genome. 2017 , 13, 1176934317726783	8
767	Further Description of <i>Helicoverpa zea</i> (Lepidoptera: Noctuidae) Male Genitalia and New Genetic Evidence of Synonymy With Respect to the Anomalous Form, " <i>Heliothis stombleri</i> ". 2017 , 17,	1
766	An integrative taxonomic study of European <i>Eupelmus</i> (Macroneura) (Hymenoptera: Chalcidoidea: Eupelmidae), with a molecular and cytogenetic analysis of <i>Eupelmus</i> (Macroneura) <i>vesicularis</i> : several species hiding under one name for 240 years. 2017 , 181, 519-603	19
765	Numerous mitochondrial DNA haplotypes reveal multiple independent polyploidy origins of hexaploids in species complex. 2017 , 7, 10604-10615	18
764	Geographic isolation facilitates the evolution of reproductive isolation and morphological divergence. 2017 , 7, 10278-10288	8
763	SlWRKY45, nematode-responsive tomato WRKY gene, enhances susceptibility to the root knot nematode; <i>M. javanica</i> infection. 2017 , 12, e1356530	27
762	<i>Cotesia flavipes</i> (Hymenoptera: Braconidae) as a Biological Control Agent of Sugarcane Stem Borers in Colombia's Cauca River Valley. 2017 , 100, 826-830	8
761	Conservation of Repeats at the Mammalian KCNQ1OT1-CDKN1C Region Suggests a Role in Genomic Imprinting. 2017 , 13, 1176934317715238	1
760	The broad-snouted caiman population recovery in Argentina. A case of genetics conservation. 2017 , 38, 411-424	6
759	VCFToTree: a user-friendly tool to construct locus-specific alignments and phylogenies from thousands of anthropologically relevant genome sequences. 2017 , 18, 426	9
758	DNA Barcode Reference Library for the African Citrus Triozid, <i>Trioza erytrae</i> (Hemiptera: Triozidae): Vector of African Citrus Greening. 2017 , 110, 2637-2646	15
757	A new record of <i>Xiphinema dentatum</i> Sturhan, 1978 and description of <i>X. paradedentatum</i> sp. n. (Nematoda: Dorylaimida) from Serbia. 2017 , 19, 925-949	3
756	Molecular phylogenetic relationships among Anatolian-Hyrcanian brown frog taxa (Ranidae: <i>Rana</i>). 2017 , 38, 339-350	5

755	Transposition of insertion sequence IS256Bsu1 in <i>Bacillus subtilis</i> 168 is strictly dependent on <i>recA</i> . 2017 , 92, 59-71	3
754	Brown hagfish from the northwest and east coasts of Honshu, Japan are genetically different. 2018 , 92, 197-203	3
753	New endophytic species from cacti in Brazil, and description of gen. nov. 2017 , 8, 77-97	20
752	The Lactate Dehydrogenase Gene LDH-C1, a New Molecular Marker for Phylogenetic Analysis of Salmonid Fishes (Salmoniformes: Salmonidae). 2017 , 43, 499-502	3
751	Transcriptomic profiling and genetic analyses reveal novel key regulators of cellulase and xylanase gene expression in. 2017 , 10, 279	26
750	The complete mitochondrial genome of <i>Wonwhang</i> (). 2017 , 2, 902-903	3
749	Description of <i>Bursaphelenchus taphrorychi</i> sp. n. (Nematoda: Parasitaphelenchidae), the second <i>Bursaphelenchus</i> species from larval galleries of the beech bark beetle, <i>Taphrorychus bicolor</i> (Herbst.) (Coleoptera: Curculionidae: Scolytinae), in European beech, <i>Fagus sylvatica</i> L.. 2017 , 19, 1217-1235	5
748	Carbonyl Cyanide 3-Chloro Phenyl Hydrazone (CCCP) Restores the Colistin Sensitivity in <i>Brucella intermedia</i> . 2023 , 24, 2106	0
747	Finds of the Turuchan Pika (<i>Ochotona turuchanensis</i> Naumov 1934) on the Primorsky Mountain Ridge (Irkutsk Oblast). 2022 , 49, 1345-1351	0
746	Still Many to Be Named: An Integrative Analysis of the Genus <i>Dendronotus</i> (Gastropoda: Nudibranchia) in the North Pacific Revealed Seven New Species. 2023 , 15, 162	0
745	Creation of intermuscular bone-free mutants in amphitriploid gibel carp by editing two duplicated <i>runx2b</i> homeologs. 2023 , 567, 739300	0
744	Molecular characterization of <i>Maccallumtrema xiphiados</i> (Trematoda: Azygiida) and <i>Molicola</i> sp. (Cestoda: Trypanorhyncha) infecting commercial frozen slices of Atlantic swordfish. 2023 , 389, 110103	0
743	Design and characterization of an artificial two-strain bacterial consortium for the efficient biodegradation of deoxynivalenol. 2023 , 179, 105172	0
742	Identification of two proposed novel human rhinovirus types: Bpat107 and Cpat58. 2023 , 95,	0
741	Climate change in the Arctic: Testing the poleward expansion of ticks and tick-borne diseases. 2023 , 29, 1729-1740	0
740	High-level production of pullulan and its biosynthesis regulation in <i>Aureobasidium pullulans</i> BL06. 11,	0
739	Spatiotemporal distribution of free-living marine nematodes in the tidal flats of Nakatsu and Yokohama Umino-Koen. 2022 , 77, 10-19	0
738	Mycoremediation of Rhodamine B through <i>Aspergillus fumigatus</i> P5 and evaluation of degradative pathway.	0

- 737 Estimation of genetic diversity for interspecific hybridization in *Pleurotus* spp. ○
- 736 Bringing to light nuclear-mitochondrial insertions in the genomes of nocturnal predatory birds. **2023**, 181, 107722 ○
- 735 Analysis of MTNR1A Genetic Polymorphisms and Their Association with the Reproductive Performance Parameters in Two Mediterranean Sheep Breeds. **2023**, 13, 448 ○
- 734 Insights into the Sulfate Transporter Gene Family and Its Expression Patterns in Durum Wheat Seedlings under Salinity. **2023**, 14, 333 3
- 733 Diversity and Dynamics of Marine Arenicolous Fungi in Three Seasides of the Korean Peninsula. ○
- 732 *Hypochnicium* sensu lato (*Polyporales*, *Basidiomycota*) from Japan, with descriptions of a new genus and three new species. **2023**, 64, 19-34 ○
- 731 Mitochondrial ND4 Gene as a Marker Trait for Studying Structure and Dynamics of Aphid (Hemiptera, Aphididae) Populations. **2022**, 102, 820-828 ○
- 730 Overexpression of an autophagy-related gene DiATG3 from *Davidia involucreta* improves plant thermotolerance by enhancing the accumulation of polyamines and regulating genes in calcium and MAPK signaling pathways. **2023**, 208, 105235 ○
- 729 Fungal Diversity in Korean Caves and Cave-Inhabiting Bats with Attention to *Pseudogymnoascus* Species. **2023**, 15, 198 ○
- 728 Genome-wide Transcriptome Analysis Reveals the Gene Regulatory Network in Star Fruit Flower Blooming. ○
- 727 Genome-wide identification, evolution and expression analysis of bone morphogenetic protein (BMP) gene family in chinese soft-shell turtle (*Pelodiscus sinensis*). 14, ○
- 726 A New Species of Bisexual Milnesium (Eutardigrada: Apochela) Having Aberrant Claws from Innhovde, Dronning Maud Land, East Antarctica. **2023**, 40, ○
- 725 A Pleiotropic Drug Resistance Family Protein Gene Is Required for Rice Growth, Seed Development and Zinc Homeostasis. **2023**, 30, 127-137 ○
- 724 Management of take-all disease caused by *Gaeumannomyces graminis* var. *tritici* in wheat through *Bacillus subtilis* strains. 14, ○
- 723 New Insights on Endophytic Microbacterium-Assisted Blast Disease Suppression and Growth Promotion in Rice: Revelation by Polyphasic Functional Characterization and Transcriptomics. **2023**, 11, 362 ○
- 722 DNA Barcoding of Fish Species Diversity in Guizhou, China. **2023**, 15, 203 ○
- 721 Genome-wide identification and characterization of polycomb repressive complex 2 core components in upland cotton (*Gossypium hirsutum* L.). **2023**, 23, ○
- 720 Boletaceae in China: Taxonomy and phylogeny reveal a new genus, two new species, and a new record. 13, ○

- 719 *Cryobacterium zhongshanensis* sp. nov., an actinobacterium isolated from Antarctic soil. **2023**, 205, ○
- 718 Screening for antifolate and artemisinin resistance in *Plasmodium falciparum* clinical isolates from three hospitals of Eritrea. 10, 628 ○
- 717 Alphaviruses Detected in Mosquitoes in the North-Eastern Regions of South Africa, 2014 to 2018. **2023**, 15, 414 ○
- 716 DNA barcoding of sand flies (Diptera, Psychodidae, Phlebotominae) from the western Brazilian Amazon. **2023**, 18, e0281289 ○
- 715 Molecular evolution analysis of three species gyroviruses in China from 2018 to 2019. **2023**, 326, 199058 ○
- 714 *Cinnamomum verum* Plantations in the Lowland Tropical Forest of Mexico Are Affected by *Phytophthora cinnamomi*, Phylogenetically Classified into *Phytophthora* Subclade 7c. **2023**, 9, 187 ○
- 713 Molecular forms of the Indian *Anopheles subpictus* complex differ in their susceptibility to insecticides and the presence of knockdown resistance (kdr) mutations in the voltage-gated sodium channel. **2023**, 18, e0280289 ○
- 712 Phylogeography of *Eriotheca* species complex: insights into the origin and range expansion of apomictic and polyploid trees in Neotropical Savannas. **2023**, 25, 457-467 ○
- 711 RNA virus discoveries in the electric ant, *Wasmannia auropunctata*. **2023**, 59, 276-289 ○
- 710 The Impact of Permethrin and Cypermethrin on Plants, Soil Enzyme Activity, and Microbial Communities. **2023**, 24, 2892 1
- 709 Diversification of spiny-throated reed frogs (Anura: Hyperoliidae) with the description of a new, range-restricted species from the Ukaguru Mountains, Tanzania. **2023**, 18, e0277535 ○
- 708 The Complete Mitochondrial Genome of *Torix tukubana* (Annelida: Hirudinea: Glossiphoniidae). **2023**, 14, 388 ○
- 707 Identification of Pathogens Causing Alfalfa Fusarium Root Rot in Inner Mongolia, China. **2023**, 13, 456 ○
- 706 Genomic identification of cotton SAC genes branded ovule and stress-related key genes in *Gossypium hirsutum*. 14, ○
- 705 Morphological characteristics and phylogenetic analyses revealed four new species of Agaricales from China. 14, ○
- 704 Genetic Structure and Phylogeography of Commercial *Mytilus unguiculatus* in China Based on Mitochondrial COI and Cytb Sequences. **2023**, 8, 89 ○
- 703 Introducing mirror-image discrimination capability to the TSR-based method for capturing stereo geometry and understanding hierarchical structure relationships of protein receptor family. **2023**, 103, 107824 ○
- 702 Do parapatric populations of the ticks *Amblyomma tonelliae* Nava, Beati & Labruna, 2014 and *Amblyomma sculptum* Berlese, 1888 (Acari: Ixodidae) hybridize?. ○

- 701 Emerging and Re-Emerging Diseases Caused by Badnaviruses. **2023**, 12, 245 ○
- 700 OsDPE2 Regulates Rice Panicle Morphogenesis by Modulating the Content of Starch. **2023**, 16, ○
- 699 Diversity and Distribution of *Calonectria* Species in Soils from *Eucalyptus úrophylla* [E. grandis, *Pinus massoniana*, and *Cunninghamia lanceolata* Plantations in Four Provinces in Southern China. **2023**, 9, 198 ○
- 698 Characterization of Peptaibols Produced by a Marine Strain of the Fungus *Trichoderma endophyticum* via Mass Spectrometry, Genome Mining and Phylogeny-Based Prediction. **2023**, 13, 221 ○
- 697 Expanding the Bacterial Diversity of the Female Urinary Microbiome: Description of Eight New *Corynebacterium* Species. **2023**, 11, 388 ○
- 696 Improving the COI DNA barcoding library for Neotropical phlebotomine sand flies (Diptera, Psychodidae). ○
- 695 Global population genetic structure and lineage differentiation of the stable fly, *Stomoxys calcitrans*. ○
- 694 Next-Generation Sequencing of the Complete Huaibei Grey Donkey Mitogenome and Mitogenomic Phylogeny of the Equidae Family. **2023**, 13, 531 ○
- 693 Isolation, Identification and Antimicrobial Activities of Four Bacteria Associated with Entomopathogenic Nematodes, *Steinernema* spp.. **2023**, 17, 309-319 ○
- 692 Genome-wide identification of apple auxin receptor family genes and functional characterization of MdAFB1. **2023**, ○
- 691 Molecular evidence of anteroposterior patterning in adult echinoderms. ○
- 690 Identification and haplotype analysis of SiCHLI: a gene for yellow-green seedling as morphological marker to accelerate foxtail millet (*Setaria italica*) hybrid breeding. **2023**, 136, ○
- 689 Heterologous functional analysis and expression patterns of gibberellin 2-oxidase genes of barley (*Hordeum vulgare* L.). **2023**, 861, 147255 ○
- 688 Teleost TRAF7, a protein functions in the host antiviral responses via NF- κ B and IRF3/7 mediated signaling. 10, ○
- 687 The fungal pathogen *Fusarium solani* poses an increasing threat to tomato production in Northern China. 1-15 ○
- 686 Roles of the Fungal-Specific Lysine Biosynthetic Pathway in the Nematode-Trapping Fungus *Arthrobotrys oligospora* Identified through Metabolomics Analyses. **2023**, 9, 206 ○
- 685 Molecular characterization of fungal endophyte diversity isolated from *Aconitum heterophyllum*: a critically endangered medicinal plant of Kashmir Himalaya. ○
- 684 Fungal Catastrophe of a Specimen Room: Just One Week is Enough to Eradicate Traces of Thousands of Animals. **2023**, 61, 189-197 ○

- 683 Genome-Wide Identification and Characterization of R2R3-MYB Provide Insight into Anthocyanin Biosynthesis Regulation Mechanism of *Ananas comosus* var. *bracteatus*. **2023**, 24, 3133 ○
- 682 *Nocardiopsis changdeensis* sp. nov., an endophytic actinomycete isolated from the roots of *Eucommia ulmoides* Oliv. **2023**, 76, 191-197 ○
- 681 Evolution of the WRKY66 Gene Family and Its Mutations Generated by the CRISPR/Cas9 System Increase the Sensitivity to Salt Stress in *Arabidopsis*. **2023**, 24, 3071 ○
- 680 *Diaporthe* and *Diplodia* Species Associated with Walnut (*Juglans regia* L.) in Hungarian Orchards. **2023**, 9, 205 ○
- 679 First record of *Linderiella jebalae* Boix, Sala, Escoriza & Alonso 2016 (Crustacea, Branchiopoda, Anostraca) in the Iberian Peninsula. Dispersal across the Strait of Gibraltar?. **2023**, 42, 1 1
- 678 Detection and Complete Genomic Analysis of Porcine circovirus 3 (PCV3) in Diarrheic Pigs from the Dominican Republic: First Report on PCV3 from the Caribbean Region. **2023**, 12, 250 ○
- 677 Characterization of the Complete Mitochondrial Genome of a Flea Beetle *Luperomorpha xanthodera* (Coleoptera: Chrysomelidae: Galerucinae) and Phylogenetic Analysis. **2023**, 14, 414 1
- 676 The Ras small GTPase RSR1 regulates cellulase production in *Trichoderma reesei*. ○
- 675 Comparative Genomic Analyses of Cellulolytic Machinery Reveal Two Nutritional Strategies of Marine Labyrinthulomycetes Protists. **2023**, 11, ○
- 674 Reconsideration of the previously classified incompatibility groups of plasmids, IncP -1 and IncP -11. ○
- 673 Genetic analysis of infectious bronchitis virus (IBV) in vaccinated poultry populations over a period of 10 years. 1-11 ○
- 672 Phylogeny of sea spiders (Arthropoda: Pycnogonida) inferred from mitochondrial genome and 18S ribosomal RNA gene sequences. **2023**, 182, 107726 ○
- 671 Tomato APETALA2 family member SITOE1 regulates inflorescence branching by repressing SISTER OF TM3. ○
- 670 Genetic diversity of Siberian bovine coronavirus isolates (Coronaviridae: Coronavirinae: <i>Betacoronavirus-1: Bovine-Like coronaviruses</i>). **2023**, 67, 465-474 ○
- 669 Study of Genetic Variation in Bermuda Grass along Longitudinal and Latitudinal Gradients Using Spectral Reflectance. **2023**, 15, 896 ○
- 668 Morphological and molecular identification of adult *Stichorchis subtriquetrus* in beaver in Slovakia. ○
- 667 *Aliidiomarina quisquiliarum* sp. nov., isolated from landfill leachate. **2023**, 73, ○
- 666 Trehalose transporter-like gene diversity and dynamics enhances stress response and recovery in *Helicoverpa armigera*. **2023**, 862, 147259 ○

- 665 Leaves of *Moringa oleifera* Are Potential Source of Bioactive Compound β -Carotene: Evidence from In Silico and Quantitative Gene Expression Analysis. **2023**, 28, 1578 1
- 664 Olive Polyphenol Oxidase Gene Family. **2023**, 24, 3233 0
- 663 Characterisation of the Upper Respiratory Tract Virome of Feedlot Cattle and Its Association with Bovine Respiratory Disease. **2023**, 15, 455 0
- 662 Genome-Wide Identification and Evolutionary Analyses of SrfA Operon Genes in *Bacillus*. **2023**, 14, 422 0
- 661 Complete genome sequence of wheat yellow stripe polerovirus, a new polerovirus infecting wheat (*Triticum aestivum*) in China. 0
- 660 Biofilm Formation and Prevention of Bacteria Isolated from Fish and Fish Stalls. 0
- 659 *Lactiplantibacillus argentoratensis* and *Candida tropicalis* Isolated from the Gastrointestinal Tract of Fish Exhibited Inhibitory Effects against Pathogenic Bacteria of Nile Tilapia. **2023**, 10, 129 0
- 658 Evaluating the Potential Fitness Effects of Chinook Salmon (*Oncorhynchus tshawytscha*) Aquaculture Using Non-Invasive Population Genomic Analyses of MHC Nucleotide Substitution Spectra. **2023**, 13, 593 0
- 657 Distinct Molecular Patterns of Two-Component Signal Transduction Systems in Thermophilic Cyanobacteria as Revealed by Genomic Identification. **2023**, 12, 271 1
- 656 Macroevolutionary diversity of traits and genomes in the model yeast genus *Saccharomyces*. **2023**, 14, 0
- 655 Revealing the potential regulatory relationship between HSP70, HSP90 and HSF genes under temperature stress. **2023**, 134, 108607 0
- 654 Uncovering the role of wheat magnesium transporter family genes in abiotic responses. 14, 1
- 653 Molecular phylogeny and historical biogeography of *Cyclommatus* stag beetles (Coleoptera: Lucanidae): Insights into their evolution and diversification in tropical and subtropical Asia. 11, 0
- 652 Identification and Genomic Characterization of Anelloviruses in Patients with Chronic Lymphocytic Leukemia. **2023**, 2023, 1-8 0
- 651 Analysis of genetic diversity and population structure in sweetpotato using SSR markers. **2023**, 0
- 650 Brewing potential of strains of the boreal wild yeast *Mrakia gelida*. 14, 0
- 649 Genetic population structures of common scavenging species near hydrothermal vents in the Okinawa Trough. **2023**, 13, 0
- 648 A Novel Glycoside Hydrolase DogH Utilizing Soluble Starch to Maltose Improve Osmotic Tolerance in *Deinococcus radiodurans*. **2023**, 24, 3437 0

- 647 Wound healing and regeneration in the reef building coral *Acropora millepora*. 10, ○
- 646 Population dynamics of migrant wheat aphids in China's main wheat production region and their interactions with bacterial symbionts. 14, ○
- 645 A new species of *Caulophacus* (Hexactinellida: Lyssacinosa: Rossellidae) from the western Pacific Ocean, with new insights into the mitochondrial genome characteristics of hexactinellid sponges. 10, ○
- 644 Single-amplified genomes reveal most streamlined free-living marine bacteria. ○
- 643 Genome-wide identification of the CPK gene family in wheat (*Triticum aestivum* L.) and characterization of TaCPK40 associated with seed dormancy and germination. **2023**, 196, 608-623 1
- 642 Taxonomic revision of the *Merodon tarsatus* species group (Diptera, Syrphidae). 81, 201-256 ○
- 641 Overproduction of poly(3-hydroxybutyrate) by the extremely halophilic archaeon *Haloarcula* sp. CEJ40-10 using starchy substrate. ○
- 640 Tetratricopeptide repeat protein SIREC2 positively regulates cold tolerance in tomato. ○
- 639 Plastome evolution and phylogeny of the tribe Ruteae (Rutaceae). **2023**, 13, ○
- 638 Mucormycosis-causing fungi in humans: a meta-analysis establishing the phylogenetic relationships using internal transcribed spacer (ITS) sequences. **2023**, 72, ○
- 637 Genome-Wide Characterization and Analysis of bHLH Transcription Factors Related to Anthocyanin Biosynthesis in *Cinnamomum camphora* (Guantong 1) **2023**, 24, 3498 ○
- 636 The role of the epeptide EpeX in defining competitive fitness in intra-species mixed isolate colony biofilms of *Bacillus subtilis*. ○
- 635 Insights on the evolution and conservation of Appalachian burrowing crayfishes, with the description of a new species of *Cambarus* Erichson, 1846 (Decapoda: Astacidea: Cambaridae). **2023**, 43, ○
- 634 DNA signaturing derived from the internal transcribed spacer 2 (ITS2): a novel tool for identifying *Desmodesmus* species (Scenedesmaceae, Chlorophyta). **2023**, 23, 1-7 ○
- 633 The R2R3 MYB transcription factor LoMYB21 regulates anther dehiscence by jasmonate biosynthesis pathway in *Lilium oriental* hybrid *Biberia* **2023**, 313, 111887 ○
- 632 Genome-wide analysis of *Panax* MADS-box genes reveals role of PgMADS41 and PgMADS44 in modulation of root development and ginsenoside synthesis. **2023**, 233, 123648 ○
- 631 Cryptochrome 1 Ubiquitously Regulates Hypocotyl Elongation from *Arabidopsis* to Sacred Lotus (*Nelumbo nucifera*). ○
- 630 Synergy of Nisin Z and Sodium Chloride in the Inhibition of Food-Borne Pathogens and Quality Control of Aquatic Foods. **2023**, 32, 175-184 ○

- 629 Four principles to establish a universal virus taxonomy. **2023**, 21, e3001922 2
- 628 Identification and virulence of entomopathogenic fungi, *Isaria javanica* and *Purpureocillium lilacinum* isolated from the whitefly, *Bemisia tabaci* (Gennadius) (Hemiptera: Aleyrodidae) in Malaysia. **2023**, 33, 0
- 627 Enhanced uricase production using novel *Escherichia marmotae* strain (DJDS001): Characterization and optimization. **2023**, 48, 102649 0
- 626 NbMLP43 Ubiquitination and Proteasomal Degradation via the Light Responsive Factor NbBBX24 to Promote Viral Infection. **2023**, 12, 590 0
- 625 Identification, Characterization and Functional Analysis of Fibroblast Growth Factors in Black Rockfish (*Sebastes schlegelii*). **2023**, 24, 3626 0
- 624 Evaluation of the evolutionary genetics and population structure of *Culex pipiens pallens* in Shandong province, China based on knockdown resistance (*kdr*) mutations and the mtDNA-COI gene. 0
- 623 Whole-genome sequencing-based analyses of drug-resistant *Mycobacterium tuberculosis* from Taiwan. **2023**, 13, 0
- 622 Knockdown of *Dcr1* and *Dcr2* limits the lethal effect of C-factor in *Chilo suppressalis*. **2023**, 113, 0
- 621 Sequence analysis of the non-coding control region of John Cunningham virus isolates from patients with multiple sclerosis treated with natalizumab. **2023**, 100, 7-25 0
- 620 Identification of a putative novel cholivirus in the transcriptome of *Gymnema sylvestris* R. Br. 0
- 619 Genome-wide identification, expression pattern and genetic variation analysis of SWEET gene family in barley reveal the artificial selection of *HvSWEET1a* during domestication and improvement. 14, 0
- 618 Phenotypic Characterization and Comparative Genomic Analysis of Novel *Salmonella* Bacteriophages Isolated from a Tropical Rainforest. **2023**, 24, 3678 0
- 617 Trehalose-6-phosphate synthase regulates chitin synthesis in *Mythimna separata*. 14, 0
- 616 Characterization of Megabat-Favored, CA-Dependent Susceptibility to Retrovirus Infection. **2023**, 97, 0
- 615 Temporal Dynamics of *Anaplasma marginale* Infections and the Composition of *Anaplasma* spp. in Calves in the Mnisi Communal Area, Mpumalanga, South Africa. **2023**, 11, 465 0
- 614 A revised taxonomy and estimate of species diversity for western North American *Lampetra*. 0
- 613 Potent transmission-blocking monoclonal antibodies from naturally exposed individuals target a conserved epitope on *Plasmodium falciparum* Pfs230. **2023**, 56, 420-432.e7 0
- 612 Sequence Characterization of ITS Regions of Immortelle *Helichrysum italicum* (Roth) G. Don from the East Adriatic Coast. **2023**, 14, 480 0

- 611 Post-Vaccination and Post-Infection Immunity to the Hepatitis B Virus and Circulation of Immune-Escape Variants in the Russian Federation 20 Years after the Start of Mass Vaccination. **2023**, 11, 430 ○
- 610 The baseless mutant links protein phosphatase 2A with basal cell identity in the brown alga *Ectocarpus*. **2023**, 150, ○
- 609 Genome-wide analysis of R2R3-MYB genes in cultivated peanut (*Arachis hypogaea* L.): Gene duplications, functional conservation, and diversification. 14, ○
- 608 Glucosinolate Biosynthetic Genes of Cabbage: Genome-Wide Identification, Evolution, and Expression Analysis. **2023**, 14, 476 ○
- 607 New insights on the systematics of echinoids belonging to the family Spatangidae Gray, 1825 using a combined approach based on morphology, morphometry, and genetics. 10, ○
- 606 AoSte12 Is Required for Mycelial Development, Conidiation, Trap Morphogenesis, and Secondary Metabolism by Regulating Hyphal Fusion in Nematode-Trapping Fungus *Arthrobotrys oligospora*. **2023**, 11, 1 ○
- 605 Peroxin Pex14/17 Is Required for Trap Formation, and Plays Pleiotropic Roles in Mycelial Development, Stress Response, and Secondary Metabolism in *Arthrobotrys oligospora*. **2023**, 8, ○
- 604 Revealing anole diversity in the highlands of the Northern Andes: New and resurrected species of the *Anolis heterodermus* species group. 73, 161-188 ○
- 603 Prevalence and genetic diversity of canine coronavirus in northeastern China during 2019-2021. **2023**, 94, 101956 ○
- 602 *Mucilaginibacter straminoryzae* sp. nov., isolated from rice straw used for growing periphyton. **2023**, 73, ○
- 601 Competitive Reactions during Ethanol Chain Elongation Were Temporarily Suppressed by Increasing Hydrogen Partial Pressure through Methanogenesis Inhibition. **2023**, 57, 3369-3379 ○
- 600 *Commatarcha galicicae* Tokšić & Srnka, sp. nov., and a genus new for Europe (Lepidoptera, Carposinidae). 46, 19-29 ○
- 599 Differentiation of the Flavescence dorée phytoplasma genetic clusters by multiplex real-time PCR assay targeting the map gene. ○
- 598 First report on molecular identification of *Fusarium* species causing fruit rot of mandarin (*Citrus reticulata*) in Bangladesh. 9, 1212 ○
- 597 Draft Genome Sequence of *Afifella* sp. Strain JA880, Isolated from a Salt Pond. **2023**, 12, ○
- 596 Diaporthe species associated with the maritime grass *Festuca rubra* subsp. *pruinosa*. 14, ○
- 595 Nuclear receptor FTZ-F1 is required for larval-pupal molting by regulating ecdysteroidogenesis and chitin metabolism in *Lasioderma serricorne*. **2023**, 101, 102096 ○
- 594 Genome-wide identification and characterization of major RNAi genes highlighting their regulatory factors in Cowpea (*Vigna unguiculata*(L.) Walp.). ○

- 593 Higher-level phylogeny and evolutionary history of nonditrysians (Lepidoptera) inferred from mitochondrial genome sequences. ○
- 592 Genetic analysis of the tomato russet mite provides evidence of oligophagy and a widespread pestiferous haplotype. **2023**, 89, 171-199 ○
- 591 *Exitianus atratus* (Hemiptera: Cicadellidae) a vector of phytoplasmas: morphometry, DNA barcode and phylogenetic relationships for nymphs and adults from Colombia. ○
- 590 Identification and expression profile analysis of chemosensory genes in pine needle gall midge, *Thecodiplosis japonensis* (Diptera: Cecidomyiidae). 14, ○
- 589 Population structure and diversity of the needle pathogen *Dothistroma pini* suggests human-mediated movement in Europe. 14, ○
- 588 Potential of *Burkholderia* sp. IMCC1007 as a biodegradation agent in mycotoxin biotransformation evaluated by mass spectrometry and phytotoxicity analysis. **2023**, 39, ○
- 587 A novel phytopathogen *Erwinia sorbitola* sp. nov., isolated from the feces of ruddy shelducks. 13, ○
- 586 Identification and Phylogenetic Analysis of the R2R3-MYB Subfamily in *Brassica napus*. **2023**, 12, 886 ○
- 585 Multilocus sequence typing reveals two distinct populations of *Candidatus Phytoplasma sacchari* in China. **2023**, 48, 199-206 ○
- 584 Identification and characterization of a novel high-activity amylosucrase from *Salinispirillum* sp. LH10-3-1. **2023**, 107, 1725-1736 ○
- 583 Molecular survey of hemotropic mycoplasmas in crab-eating raccoons (*Procyon cancrivorus*) in southern Brazil. **2023**, 32, ○
- 582 Larvae of *Spirocerca lupi* and another spirurid species in the same dung beetles: notes on species identification. **2023**, 97, ○
- 581 First report of *Crassiphiala* sp. (Trematoda: Diplostomidae) as an etiological agent of black spot disease in commercial ornamental fish from Brazil. **2023**, 122, 1037-1042 ○
- 580 Orthologs of Human-Disease-Associated Genes in Plants Are Involved in Regulating Leaf Senescence. **2023**, 13, 559 ○
- 579 Bacterial Communities and Diversity of Western Ghats Soil: A Study of a Biodiversity Hotspot. **2023**, 80, ○
- 578 A new species and two new records of the genus *Alysia* Latreille (Hymenoptera, Braconidae, Alysiniinae) from South Korea. 95, 45-58 ○
- 577 Characterization of RING-type ubiquitin SINA E3 ligases and their responsive expression to salt and osmotic stresses in *Brassica napus*. ○
- 576 Antifungal Metabolites of *Streptomyces chrestomyceticus* STR-2 Inhibits *Magnaporthe oryzae*, the Incitant of Rice Blast. **2023**, 80, ○

- 575 Activity Evaluation of *Eucommia ulmoides* Extracts for Urinary System Disease Treatment and Phylogenetic Analysis. **2022**, 16, 830-835 ○
- 574 Phylotranscriptomics and evolution of key genes for terpene biosynthesis in Pinaceae. 14, ○
- 573 *Fusarium sacchari* associated with stem rot in sweet corn in Brazil. 53, ○
- 572 Effect of climate and phenological stage on fungal endophytes community in *Sorghum bicolor* leaves. **2023**, 22, ○
- 571 *Dioscorea composita* WRKY12 is involved in the regulation of salt tolerance by directly activating the promoter of *AtRCI2A*. **2023**, 196, 746-758 ○
- 570 Succession of bacteria and archaea involved in the nitrogen cycle of a seasonally stratified lake. **2023**, 370, ○
- 569 A novel variant of the *Listeria monocytogenes* type VII secretion system EssC component is associated with an Rhs toxin. ○
- 568 Seasonal plasticity and energy efficiency in migratory buntings is an assemblage of alterations in metabolic and gut microbe adaptations. ○
- 567 Multiple genetic lineages of anadromous migratory Mekong catfish *Pangasius krempfi* revealed by mtDNA control region and cytochrome b. **2023**, 13, ○
- 566 Cross-Hemispheric Genetic Diversity and Spatial Genetic Structure of *Callinectes sapidus* Reovirus 1 (CsRV1). **2023**, 15, 563 ○
- 565 Characterization of the Passion Fruit (*Passiflora edulis* Sim) bHLH Family in Fruit Development and Abiotic Stress and Functional Analysis of *PebHLH56* in Cold Stress. **2023**, 9, 272 ○
- 564 Cohort-Specific Peptide Reagents Broaden Depth and Breadth Estimates of the CD8 T Cell Response to HIV-1 Gag Potential T Cell Epitopes. **2023**, 11, 472 ○
- 563 Surge of mucormycosis during the COVID-19 pandemic. **2023**, 52, 102557 ○
- 562 Metagenomic Approach Reveals the Second Subtype of PRRSV-1 in a Pathogen Spectrum during a Clinical Outbreak with High Mortality in Western Siberia, Russia. **2023**, 15, 565 ○
- 561 Phylogeography of the Plateau Pika (*Ochotona curzoniae*) in Response to the Uplift of the Qinghai-Tibet Plateau. **2023**, 15, 307 ○
- 560 Genome-wide identification and analysis of the molecular evolution and expression of type-A response regulator genes in *Populus deltoids*. **2023**, 194, 116336 ○
- 559 Genomic Survey of Flavin Monooxygenases in Wild and Cultivated Rice Provides Insight into Evolution and Functional Diversities. **2023**, 24, 4190 ○
- 558 Genome-Wide Genetic Structure of Henan Indigenous Chicken Breeds. **2023**, 13, 753 ○

- 557 Characterization of a Potential Probiotic *Lactiplantibacillus plantarum* LRCC5310 by Comparative Genomic Analysis and its Vitamin B6 Production Ability. **2023**, ○
- 556 Comparison of plastid genomes and ITS of two sister species in *Gentiana* and a discussion on potential threats for the endangered species from hybridization. **2023**, 23, ○
- 555 Genome-Wide Identification, Classification, and Expression Analyses of the CsDGAT Gene Family in *Cannabis sativa* L. and Their Response to Cold Treatment. **2023**, 24, 4078 ○
- 554 *Aliilewinella sediminis* gen. nov. sp. nov., isolated from the coastal sediment, and reclassification of some *Lewinella* species as the members of the genus *Aliilewinella*. ○
- 553 Heterologous expression and characterization of *Bacillus velezensis* SW5 serine protease involved in the hydrolysis of anchovy protein. **2023**, 103, 3468-3478 ○
- 552 Uphill energy transfer mechanism for photosynthesis in an Antarctic alga. **2023**, 14, ○
- 551 Genome-wide analysis of R2R3-MYB transcription factors in *Boehmeria nivea* (L.) gaudich revealed potential cadmium tolerance and anthocyanin biosynthesis genes. 14, ○
- 550 Mutant structure of metabolic switch protein in complex with monomeric c-di-GMP reveals a potential mechanism of protein-mediated ligand dimerization. **2023**, 13, ○
- 549 *Levilactobacillus yiduensis* sp. nov., Isolated from Zha-chili in Yidu County, Hubei Province, China. **2023**, 80, ○
- 548 Gut Bacterial Microbiota of The Honeybee, *Apis mellifera* (Hymenoptera: Apidae) with a New Host Record. 592-599 ○
- 547 Mitochondrial genome of *Acheilognathus barbatulus* (Cypriniformes, Cyprinidae, Acheilognathinae): characterisation and phylogenetic analysis. 11, ○
- 546 Identification of Trehalose-6-Phosphate Synthase (TPS) Genes Associated with Both Source-/Sink-Related Yield Traits and Drought Response in Rapeseed (*Brassica napus* L.). **2023**, 12, 981 ○
- 545 Complete mitochondrial genomes of *Lycosa grahmi* and *Lycosa* sp. (Araneae: Lycosidae): comparison within the family Lycosidae. ○
- 544 Morphology, Molecular Genetics and Potential Importance for Mucilage Events of the New Coccolithophorid *Ochrosphaera neapolitana* in the Sea of Marmara. **2023**, 11, 468 ○
- 543 Genomic insights of an alkaliphilic bacterium *Halalkalibacter alkaliphilus* sp. nov. isolated from an Indian Soda Lake. ○
- 542 Novel gene re-arrangement in the mitochondrial genome of *Pisidia serratifrons* (Anomura, Galatheaidea, Porcellanidae) and phylogenetic associations in Anomura. 11, ○
- 541 Conservation initiatives of Syngnathiformes species in the southern Philippines: What does the mitochondrial DNA signature tell us?. **2023**, 33, 231-245 ○
- 540 New insights into the phylogeny and evolution of Chinese *Ovophis* (Serpentes, Viperidae): Inferred from multilocus data. ○

- 539 *Ostreopsis* Schmidt and *Coolia* Meunier (Dinophyceae, Gonyaulacales) from Cook Islands and Niue (South Pacific Ocean), including description of *Ostreopsis tairoto* sp. nov.. **2023**, 13, ○
- 538 Application value of *Fagopyrum tataricum* extracts in postpartum depression and phylogenetic analysis. **2022**, 12, 1566-1571 ○
- 537 *Brassica napus* BnaC9.DEWAX1 Negatively Regulates Wax Biosynthesis via Transcriptional Suppression of BnCER1-2. **2023**, 24, 4287 ○
- 536 Complete Chloroplast genomes of five *Cuscuta* species and their evolutionary significance in the *Cuscuta* genus. ○
- 535 Rapid detection of mpox virus using recombinase aided amplification assay. 13, ○
- 534 Chromatic polymorphism in *Trichomycterus albinotatus* (Siluriformes, Trichomycteridae), a mountain catfish from south-eastern Brazil and the role of colouration characters in trichomycterine taxonomy. **2023**, 99, 161-171 ○
- 533 Exploration of actinobacteria communities in seawater and sediments of mediterranean basin from Algerian coast displays high diversity with new taxa and antibacterial potential. ○
- 532 Manganese Efflux Achieved by MetA and MetB Affects Oxidative Stress Resistance and Iron Homeostasis in *Riemerella anatipestifer*. **2023**, 89, ○
- 531 Development of two new sets of PCR primers for eDNA metabarcoding of brittle stars (Echinodermata, Ophiuroidea). 7, ○
- 530 Characterization and biodegradation of paracetamol by biomass of *Bacillus licheniformis* strain PPY-2 isolated from wastewater. ○
- 529 *Azospirillum Aestuarii* sp. nov., a Novel Nitrogen-Fixing and Aerobic Denitrifying Bacteria Isolated from an Estuary of a Freshwater River. **2023**, 80, ○
- 528 Pathogenicity of *Fusarium oxysporum* and *Fusarium proliferatum* isolates from symptomless onions (*Allium cepa*) and onions with *Fusarium* basal rot. ○
- 527 Antigenic comparison of H3N8 equine influenza viruses belonging to Florida sublineage clade 1 between vaccine strains and North American strains isolated in 2021-2022. **2023**, 168, ○
- 526 Identification of Pyrabactin resistance 1-like (PYL) genes in *Brachypodium distachyon* and functional characterization of BdPYL5. **2023**, 283, 153949 ○
- 525 Metabolic relationships and niche differentiation between ammonia-oxidizing microorganisms and complete ammonia oxidizers in soil ecosystems. ○
- 524 *Hannaella floricola* sp. nov., a novel basidiomycetous yeast species isolated from a flower of *Lantana camara* in Portugal. **2023**, 73, ○
- 523 Expanded Description of *Achalinus yangdatongi* (Serpentes: Xenodermidae). **2023**, 42, ○
- 522 Comprehensive study of rice YABBY gene family: evolution, expression and interacting proteins analysis. 11, e14783 ○

- 521 Xeno interactions between MHC-I proteins and molecular chaperones enable ligand exchange on a broad repertoire of HLA allotypes. **2023**, 9, ○
- 520 Comprehensive phylogenomic analyses reveal that order Armophorida is most closely related to class Armophorea (Protista, Ciliophora). **2023**, 182, 107737 ○
- 519 The presence of human respiratory syncytial virus in the cerebrospinal fluid of a child with Anti-N-methyl-D-aspartate receptor encephalitis of unknown trigger. **2023**, 20, ○
- 518 High diversity of microsporidian parasites and new planktonic hosts in freshwater and marine ecosystems. **2023**, 68, 928-941 ○
- 517 Genomic characterization and molecular dating of the novel bacterium *Permianibacter aggregans* HW001T, which originated from Permian ground water. **2023**, 5, 12-27 ○
- 516 Genome-wide identification, evolution, and expression analysis of MLO gene family in melon (*Cucumis melo* L.). 14, ○
- 515 The life cycle of *Dermacentor nuttalli* from the Qinghai-Tibetan Plateau under laboratory conditions and detection of spotted fever group *Rickettsia* spp.. 10, ○
- 514 The combination of NIMIP and G β /q coupled-receptor NLA10 promotes abdominal vibration production in female *Nilaparvata lugens* (Stål). **2023**, ○
- 513 Use of bacterial biocontrol agents for the control of *Fusarium oxysporum* f.sp. *Lycopersici*, tomato wilt in Kenya. ○
- 512 Molecular phylogenetic tools reveal the phylogeographic history of the genus *Capparis* L. and suggest its reclassification. **2023**, 58, 125720 ○
- 511 Tomato defence against *Meloidogyne incognita* by jasmonic acid-mediated fine-tuning of kaempferol homeostasis. **2023**, 238, 1651-1670 ○
- 510 A novel subgenotype I3 of hepatitis B virus in Guangxi, China: a 15-year follow-up study. ○
- 509 *Chitinophaga horti* sp. nov., Isolated from Garden Soil. **2023**, 80, ○
- 508 Characterization and genomic analysis of a novel *Synechococcus* phage S-H9 β belonging to *Bristolvirus* genus isolated from the Yellow Sea. **2023**, 328, 199072 ○
- 507 Deciphering the network of cholesterol biosynthesis in *Paris polyphylla* laid a base for efficient diosgenin production in plant chassis. **2023**, 76, 232-246 ○
- 506 LRRC23 loss-of-function impairs radial spoke 3 head assembly and causes defective sperm motility underlying male infertility. ○
- 505 Changing Ecotypes of Dengue Virus 2 Serotype in Nigeria and the Emergence of Cosmopolitan and Asian I Lineages, 1966-2019. **2023**, 11, 547 ○
- 504 New Mitogenomes of the *Polypedilum* Generic Complex (Diptera: Chironomidae): Characterization and Phylogenetic Implications. **2023**, 14, 238 ○

- 503 Population structure and evolutionary history of the greater cane rat (*Thryonomys swinderianus*) from the Guinean Forests of West Africa. **2023**, 14, ○
- 502 Characterization and functional analyses of wheat TaPR1 genes in response to stripe rust fungal infection. **2023**, 13, ○
- 501 Description of the Three Complete Mitochondrial Genomes of Sitta (*S. himalayensis*, *S. nagaensis*, and *S. yunnanensis*) and Phylogenetic Relationship (Aves: Sittidae). **2023**, 14, 589 ○
- 500 A Genome-Wide Association Study and Genomic Prediction for Fiber and Sucrose Contents in a Mapping Population of LCP 85-384 Sugarcane. **2023**, 12, 1041 ○
- 499 A new and accurate qPCR protocol to detect plant pathogenic bacteria of the genus *Candidatus Liberibacter* in plants and insects. **2023**, 13, ○
- 498 Delving into the *Bacillus cereus* group biosynthetic gene clusters cosmos: a comparative-genomics-based classification framework. ○
- 497 High-Resolution Genomic Profiling of a Genotype 3b Hepatitis C Virus from a Flare of an Occult Hepatitis Patient with Acute-on-Chronic Liver Failure. **2023**, 15, 634 ○
- 496 Genome-Wide Identification, Characterization and Experimental Expression Analysis of CNGC Gene Family in *Gossypium*. **2023**, 24, 4617 ○
- 495 Isolation of Bioactive Metabolites from Soil Derived Fungus-*Aspergillus fumigatus*. **2023**, 11, 590 ○
- 494 Characteristics of the complete mitochondrial genome of Douhua chicken (*Gallus gallus*) and phylogenetic considerations. **2023**, 101, ○
- 493 Metabolic networks during dark anoxia. **2023**, 317-341 ○
- 492 Identification and Characterization of Phycocyanin Family Genes in Cotton Genomes. **2023**, 14, 611 ○
- 491 Multi-clade neutralizing antibodies against H1 influenza A viruses of swine and humans by sequential vaccinations with divergent H1N1 strains. ○
- 490 HPLC and DNA barcoding profiles for identification of the selected twelve *Mucuna* species and its application for detecting prohibited aphrodisiac *Mucuna* products. **2023**, 9, e14130 ○
- 489 Genetic, Functional, and Immunogenic Analyses of the O-Linked Protein Glycosylation System in *Neisseria meningitidis* Serogroup A ST-7 Isolates. **2023**, 205, ○
- 488 Pan-Chromosome and Comparative Analysis of *Agrobacterium fabrum* Reveal Important Traits Concerning the Genetic Diversity, Evolutionary Dynamics, and Niche Adaptation of the Species. **2023**, 11, ○
- 487 Genome-Wide Identification and Expression Analysis of RCC1 Gene Family under Abiotic Stresses in Rice (*Oryza sativa* L.). **2023**, 13, 703 ○
- 486 Improvement of Laccase Production by *Thielavia terrestris* Co3Bag1. Enhancing the Bio-Catalytic Performance of the Native Thermophilic TtLacA via Immobilization in Copper Alginate Gel Beads. **2023**, 9, 308 ○

- 485 Genome-Wide Analysis of MYB Transcription Factors and Screening of MYBs Involved in the Red Color Formation in *Rhododendron delavayi*. **2023**, 24, 4641 ○
- 484 Do Deep Mitochondrial DNA Divergences within Intertidal Gastropods Reveal Phylogeographic Signals from Earlier Glacial Cycles?. **2023**, 15, 346 ○
- 483 Identification of two putative novel deltapartitiviruses and an enamovirus in coriander transcriptomes. ○
- 482 Two new species of *Diaporthe* (Diaporthaceae, Diaporthales) in China. 95, 209-228 ○
- 481 *Cartusia hunanensis* sp. nov. (Oculatellaceae, Oculatellales) from a Stream in China Based on Polyphasic Approach. **2023**, 15, 350 ○
- 480 Influence of Extremely High Pressure and Oxygen on Hydrocarbon-Enriched Microbial Communities in Sediments from the Challenger Deep, Mariana Trench. **2023**, 11, 630 ○
- 479 Morphology, phylogeny, and pathogenicity of *Colletotrichum siamense* associated with leaf blight and pod rot of *Theobroma cacao* in Malaysia. ○
- 478 Prevalence and Genotype of *Trichomonas vaginalis* among Men in Xinxiang City, Henan Province, China. **2023**, 2023, 1-7 ○
- 477 Unveiling the evolutionary relationships and the high cryptic diversity in Andean rainfrogs (Craugastoridae: *Pristimantis myersi* group). 11, e14715 ○
- 476 Shifts in soil nitrogen availability and associated microbial drivers during stand development of Mongolian pine plantations. ○
- 475 Thermotolerant and protease-resistant GH5 family β mannanase with CBM1 from *Penicillium aculeatum* APS1: purification and characterization. **2023**, 13, ○
- 474 A thermophilic chemolithoautotrophic bacterial consortium suggests a mutual relationship between bacteria in extreme oligotrophic environments. **2023**, 6, ○
- 473 Identification of *Vitis vinifera* L. Local Cultivars Recovered in Andalusia (Spain) by Using Microsatellite Markers. **2023**, 9, 316 ○
- 472 Enhanced mercury phytoremediation by *Pseudomonodictys pantanalensis* sp. nov. A73 and *Westerdykella aquatica* P71. ○
- 471 Isolation and functional analysis of SrMYB1, a direct transcriptional repressor of SrUGT76G1 in *Stevia rebaudiana*. **2023**, 22, 1058-1067 ○
- 470 Complete genome sequences of newly discovered *Dioscorea* bacilliform AL virus and *Dioscorea* bacilliform SN virus isolates from *Dioscorea bulbifera* L. in northeastern Brazil. ○
- 469 Plastid DNA sequences and oospore characters of some European taxa of *Tolypella* section *Tolypella* (Characeae) identify five clusters, including one new cryptic *Tolypella* taxon from Sardinia, but they do not coincide with current morphological descriptions. 14, ○
- 468 Comprehensive genomic analysis of the Rho GTPases regulators in seven Rosaceae species revealed that PbrGDI1 controls pollen tube growth in *Pyrus* via mediating cellulose deposition. **2023**, 235, 123860 ○

- 467 Multi-gene phylogeny and morphology of two new Phyllosticta (Phyllostictaceae, Botryosphaerales) species from China. 95, 189-207 ○
- 466 Genome-Wide Characterization and Expression Profiling of ABA Biosynthesis Genes in a Desert Moss *Syntrichia caninervis*. **2023**, 12, 1114 ○
- 465 Molecular Evolutionary Analyses of the *Pseudomonas*-Derived Cephalosporinase Gene. **2023**, 11, 635 ○
- 464 A novel durian (*Durio zibethinus* L.) homeodomain-leucine zipper (DzHD-ZIP) transcription factor 1.8 regulates the production of volatile sulfur compounds during fruit ripening. ○
- 463 Delving into the *Bacillus cereus* group biosynthetic gene clusters cosmos: a comparative-genomics-based classification framework. ○
- 462 First report of endophytic *Bipolaris axonopicola* from untapped Bastar forests, India, producing human lipase and histone deacetylase inhibitors. **2023**, 155, 318-329 ○
- 461 How ambient temperature affects the heading date of foxtail millet (*Setaria italica*). 14, ○
- 460 Brassinosteroids regulate cotton fiber elongation by modulating very-long-chain fatty acid biosynthesis. ○
- 459 Genome-Wide Identification and Expression Analysis of ESPs and NSPs Involved in Glucosinolate Hydrolysis and Insect Attack Defense in Chinese Cabbage (*Brassica rapa* subsp. *pekinensis*). **2023**, 12, 1123 ○
- 458 Isolation and Molecular Characterization of the Naringinase Producing Micro-organisms for the Bio-transformation of Flavonoid. **2023**, 17, 456-466 ○
- 457 Identification and expression analysis of C2H2-zinc finger protein genes reveals their role in stress tolerance in *Brassica napus*. ○
- 456 The phylogeny and divergence time of *Ophiocordyceps sinensis* and its host insects based on elongation factor 1 alpha. **2023**, 205, ○
- 455 Modulation of anthocyanin accumulation in storage roots of sweetpotato by transcription factor IbMYB1-2 through direct binding to anthocyanin biosynthetic gene promoters. **2023**, 196, 868-879 ○
- 454 Genome-wide characterization of R2R3-MYB gene family in *Santalum album* and their expression analysis under cold stress. 14, ○
- 453 Thyroid Hormone Signaling Is Required for Dynamic Variation in Opsins in the Retina during Metamorphosis of the Japanese Flounder (*Paralichthys olivaceus*). **2023**, 12, 397 ○
- 452 Genome-wide assessment of genetic variation and differentiation for *Gastrodia elata* germplasm based on SLAF sequencing. ○
- 451 New genera of thin homocyted cyanobacteria from Brazilian tropical and subtropical marine islands. 1-12 ○
- 450 Identification and characterization analysis of candidate genes controlling mushroom leaf development in Chinese kale by BSA-seq. **2023**, 43, ○

- 449 Comparison of Immune Response of *Litopenaeus vannamei* Shrimp Naturally Infected with *Vibrio* Species, and after Being Fed with Florfenicol. **2023**, 8, 148 ○
- 448 *Burkholderia gladioli* strain KJ-34 exhibits broad-spectrum antifungal activity. 14, ○
- 447 Genome-Wide Analysis of Snapdragon WRKY and VQ Gene Families and Their Expression in Response to Drought and Cold Stresses. **2022**, 91, 773-789 ○
- 446 Mango malformation: etiology, symptoms, distribution and cultivar susceptibility in the Dominican Republic. ○
- 445 Analysis of genetic diversity and selection signals in Chaling cattle of southern China using whole-genome scan. ○
- 444 Evolutionary and phylogenetic analyses of 11 *Cerasus* species based on the complete chloroplast genome. 14, ○
- 443 Effects of synonymous mutations on kinetic properties and structure of firefly luciferase: Molecular dynamics simulation, molecular docking, RNA folding, and experimental study. **2023**, 235, 123835 ○
- 442 Bioassessment of Phylogenetic Relatedness and Plant Growth Enhancement of Endophytic Bacterial Isolates from Cowpea (*Vigna unguiculata*) Plant Tissues. **2023**, 9, 332 ○
- 441 *Blastopirellula sediminis* sp. nov. a new member of Pirellulaceae isolated from the Andaman and Nicobar Islands. ○
- 440 Systematic analysis and expression of *Gossypium* 20DD superfamily highlight the roles of GhLDOXs responding to alkali and other abiotic stress in cotton. **2023**, 23, ○
- 439 Species diversity and distribution of the calcareous green macroalgae *Halimeda* in Taiwan, Spratly Island, and Dongsha Atoll, with the proposal of *Halimeda taiwanensis* sp. nov.. **2023**, 71, 116-130 ○
- 438 Etiological Structure, Clinical and Epidemiological Characteristics of Infections Transmitted by Ixodic Ticks in the Sverdlovsk Region at the Present Stage. **2023**, 22, 38-58 ○
- 437 Diversity of *Wolbachia* infection and its influence on mitochondrial DNA variation in the diamondback moth, *Plutella xylostella*. **2023**, 182, 107751 ○
- 436 Discovery of a New *Lichtheimia* (*Lichtheimiaceae*, *Mucorales*) from Invertebrate Niche and Its Phylogenetic Status and Physiological Characteristics. **2023**, 9, 317 ○
- 435 Mitochondrial Genomes Assembled from Non-Invasive eDNA Metagenomic Scat Samples in Critically Endangered Mammals. **2023**, 14, 657 ○
- 434 Molecular detection and genetic characterization of bovine hepatitis virus identified in ticks collected from cattle in Harbin, northeastern China. 10, ○
- 433 Virulence of *Metarhizium rileyi* Is Determined by Its Growth and Antioxidant Stress and the Protective and Detoxifying Enzymes of *Spodoptera frugiperda*. **2023**, 14, 260 ○
- 432 Antioxidant Status and Biotechnological Potential of New *Vischeria vischeri* (*Eustigmatophyceae*) Soil Strains in Enrichment Cultures. **2023**, 12, 654 ○

- 431 Integrative approach resolves the systematics of barred wolf snakes in the *Lycodon striatus* complex (Reptilia, Colubridae). ○
- 430 FK506 binding protein 5 regulates cell quiescence-proliferation decision in zebrafish epithelium. ○
- 429 Spontaneous Genomic Variation as a Survival Strategy of Nosocomial *Staphylococcus haemolyticus*. **2023**, 11, ○
- 428 Marketed Quinoa (*Chenopodium quinoa* Willd.) Seeds: A Mycotoxin-Free Matrix Contaminated by Mycotoxigenic Fungi. **2023**, 12, 418 ○
- 427 Genome-wide identification and expression analysis of MYB transcription factors involved in fiber formation in white jute (*Corchorus capsularis*). **2023**, 197, 116539 ○
- 426 Seasonal gene-expression signatures of delayed fertilization in Fagaceae. ○
- 425 Skunk-associated rabies case in equine from Northern Mexico. ○
- 424 The Growth and Conidiation of *Purpureocillium lavendulum* Are Co-Regulated by Nitrogen Sources and Histone H3K14 Acetylation. **2023**, 9, 325 ○
- 423 Genome-Wide Identification and Evolutionary Analysis of Gossypium YTH Domain-Containing RNA-Binding Protein Family and the Role of GhYTH8 in Response to Drought Stress. **2023**, 12, 1198 ○
- 422 Effects of rice blast biocontrol strain *Pseudomonas alcaliphila* EJ2 on the endophytic microbiome and proteome of rice under salt stress. 14, ○
- 421 Short-chain dehydrogenases in *Haemonchus contortus*: changes during life cycle and in relation to drug-resistance. **2023**, 54, ○
- 420 Comparative Mitogenome Analyses Uncover Mitogenome Features and Phylogenetic Implications of the Parrotfishes (Perciformes: Scaridae). **2023**, 12, 410 ○
- 419 Improved hepatitis delta virus genome characterization by single molecule full-length genome sequencing combined with VIRiONT pipeline. **2023**, 95, ○
- 418 Descriptions of two new species of the botiid genus *Leptobotia* Bleeker, 1870 (Teleostei: Cypriniformes) from South China. ○
- 417 Environmental DNA phylogeography: Successful reconstruction of phylogeographic patterns of multiple fish species from cups of water. ○
- 416 Genetic features and phylogenetic relationship analyses of Guizhou Han population residing in Southwest China via 38 X-InDels. 11, e14964 ○
- 415 Mitochondrial genomic characterization of two endemic Chinese freshwater crabs of the genus *Sinopotamon* (Brachyura: Potamidae) and implications for biogeography analysis of Potamidae. **2023**, 13, ○
- 414 Reprogramming an RNA-guided archaeal TnpB endonuclease for genome editing. ○

- 413 Serological, Morphological and Molecular Diagnosis of *Mycobacterium bovis* in Cattle at Sulaimani Province of Iraq. ○
- 412 Regulation of capsule spine formation in castor. ○
- 411 Comparative Analysis of Olfactory Receptor Repertoires Sheds Light on the Diet Adaptation of the Bamboo-Eating Giant Panda Based on the Chromosome-Level Genome. **2023**, 13, 979 ○
- 410 Global analysis of basic leucine zipper transcription factors in trifoliolate orange and the function identification of PtZIP49 in salt tolerance. **2023**, ○
- 409 Genome-wide identification of BcGRF genes in flowering Chinese cabbage and preliminary functional analysis of BcGRF8 in nitrogen metabolism. 14, ○
- 408 Salt Tolerant Gene 1 contributes to salt tolerance by maintaining photosystem II activity in maize. ○
- 407 Molecular phylogeny of the Pseudaliidae (Nematoda) and the origin of associations between lungworms and marine mammals. **2023**, 20, 192-202 ○
- 406 Molecular Cloning, Screening of Single Nucleotide Polymorphisms, and Analysis of Growth-Associated Traits of *igf2* in Spotted Sea Bass (*Lateolabrax maculatus*). **2023**, 13, 982 ○
- 405 From sequences to species: Charting the phytoplasmata classification and taxonomy in the era of taxogenomics. 14, ○
- 404 Beneath the Aegean Sun: Investigating *Dunaliella* Strains Diversity from Greek Saltworks. **2023**, 15, 1037 ○
- 403 Co-infection of tick-borne bacterial pathogens in ticks in Inner Mongolia, China. **2023**, 17, e0011121 ○
- 402 Isolation and characterization of detergent-compatible amylase-, protease-, lipase-, and cellulase-producing bacteria. ○
- 401 Overexpression of a *Fragaria vesca* 1R-MYB Transcription Factor Gene (*FvMYB114*) Increases Salt and Cold Tolerance in *Arabidopsis thaliana*. **2023**, 24, 5261 ○
- 400 Two novel recombinant human mastadenovirus D genotypes associated with acute respiratory illness. **2023**, 95, ○
- 399 Genetic Diversity and Phylogeography of a Turf-Forming Cosmopolitan Marine Alga, *Gelidium crinale* (Gelidiales, Rhodo-Phyta). **2023**, 24, 5263 ○
- 398 *Acinetobacter nematophilus* sp. nov., *Alcaligenes nematophilus* sp. nov., *Enterobacter nematophilus* sp. nov., and *Kaistia nematophila* sp. nov., Isolated from Soil-Borne Nematodes and Proposal for the Elevation of *Alcaligenes faecalis* subsp. *faecalis*, *Alcaligenes faecalis* subsp. *parafaecalis*, and *Alcaligenes faecalis* subsp. *phenolicus* to the Species Level. **2023**, 3, 148-168 ○
- 397 Bizarre Morphology Obscures Real Affiliation: An Integrative Study of Enigmatic Cephalaspid *Philine denticulata* from Arctic Waters Reveals Its Unique Phylogenetic Position. **2023**, 15, 395 ○
- 396 Bacterial profile, antimicrobial resistance, and molecular detection of ESBL and quinolone resistance gene of uropathogens causing urinary tract infection in the southeastern part of Bangladesh. ○

- 395 Molecular and morphological characterization of *Calonectria quinquerosa* causing leaf blight on *Eucalyptus urophylla* in Brazil. **2023**, 171, 206-216 ○
- 394 Lethal cases of lyssavirus encephalitis in humans after contact with bats in the Russian Far East in 2019-2021. **2023**, 68, 45-58 ○
- 393 Identification and Characterization of the Determinants of Copper Resistance in the Acidophilic Fungus *Acidomyces richmondensis* MEY-1 Using the CRISPR/Cas9 System. **2023**, 89, ○
- 392 Genome-Wide Identification and Expression of the *Paulownia fortunei* MADS-Box Gene Family in Response to *Phytoplasma* Infection. **2023**, 14, 696 ○
- 391 Genome-wide identification and characterization of tomato 14-3-3 (SLTFT) genes and functional analysis of SLTFT6 under heat stress. **2023**, 175, ○
- 390 *Raveneliopsis*, a new genus of ravenelioid rust fungi on *Cenostigma* (Caesalpinioideae) from the Brazilian Cerrado and Caatinga. **2023**, 115, 263-276 ○
- 389 Morphological and phylogenetic analyses revealed a new species of *Erysiphe* sect. *Microsphaera* on *Lonicera* in China. ○
- 388 First genetic analysis of *Euschistus heros* F. (Hemiptera: Pentatomidae) from Argentina and its relative abundance in a newly invaded soybean region. ○
- 387 A complete mitogenome of the Przewalski's Wonder Gecko (*Teratoscincus przewalskii*) from the Junggar Basin in Northwest China with its phylogenetic implications. **2023**, 8, 398-401 ○
- 386 Complete mitochondrial DNA sequence of *Tupaia belangeri yaoshanensis* (Wang, 1987) from Dayao Mountains in China. **2023**, 8, 402-404 ○
- 385 *Litthabittellidae*: a new family of the *Truncatelloidea* (Mollusca: Caenogastropoda). **2023**, 57, 299-329 ○
- 384 Knockout Mutants of *OsPUB7* Generated Using CRISPR/Cas9 Revealed Abiotic Stress Tolerance in Rice. **2023**, 24, 5338 ○
- 383 Genome-Wide Analysis of MIKCC-Type MADS-Box Genes Reveals Their Involvement in Flower Development in *Malus* Lineage. **2023**, 9, 373 ○
- 382 Genetic diversity of the mantellid frog *Blommersia blommersae*, and description of a new anuran species from south-eastern Madagascar. 1-26 ○
- 381 Complete genome sequence of a novel variant of citrus tristeza virus infecting Chinese wild mandarin (*Citrus daoxianensis* S.W. He & G.F. Liu., syn. *Citrus reticulata* Blanco) in China. ○
- 380 Prevalence and Risk Factors of Avian Chlamydiosis Detected by Polymerase Chain Reaction in Psittacine Birds in Thailand. **2023**, 36, ○
- 379 Endoparasitic Gall Mites: Two New *Novophytoptus* Species (Eriophyoidea, Phytoptidae) from Southern African Sedges (Cyperaceae, *Carex*) and New Hypotheses on the Phylogeny of *Novophytoptines*. **2023**, 15, 416 ○
- 378 Multiplex PCR for Discriminating Host Plant Associations of *Hyalesthes obsoletus* (Hemiptera: Cixiidae), a Key Vector and Driver of *Phytoplasma solani* Epidemiology. **2023**, 13, 831 ○

- 377 Nucleotide-binding leucine-rich repeat network underlies nonhost resistance of pepper against the Irish potato famine pathogen *Phytophthora infestans*. ○
- 376 BART-D2 subtype of EBV encoded BART miRNA cluster 1 region is strongly associated with endemic nasopharyngeal carcinoma. **2023**, 95, ○
- 375 The chalara-like anamorphs of Leotiomycetes. **2023**, 119, 213-490 ○
- 374 Categorizing 161 plant (streptophyte) mitochondrial group II introns into 29 families of related paralogues finds only limited links between intron mobility and intron-borne maturases. **2023**, 23, ○
- 373 From oral structure to molecular evidence: new insights into the evolutionary phylogeny of the ciliate order Sessilida (Protista, Ciliophora), with the establishment of two new families and new contributions to the poorly studied family Vaginicolidae. ○
- 372 Trophic diversification and parasitic invasion as ecological niche modulators for gut microbiota of whitefish. 14, ○
- 371 The inoculation with *Ensifer meliloti* sv. *rigiduloides* improves considerably the growth of *Robinia pseudoacacia* under lead-stress. ○
- 370 Epidemiological investigation of norovirus infections in Punjab, Pakistan, through the One Health approach. 11, ○
- 369 Integrated metabolic and transcriptional analysis reveals the role of carotenoid cleavage dioxygenase 4 (IbCCD4) in carotenoid accumulation in sweetpotato tuberous roots. **2023**, 16, ○
- 368 Biochemical Characterization of an Endoglucanase GH7 from Thermophile *Thermothielavioides terrestris* Expressed on *Aspergillus nidulans*. **2023**, 13, 582 ○
- 367 An update on the occurrence of flies (Diptera: Muscidae, Calliphoridae) and sucking lice (Phthiraptera: Anoplura) of veterinary importance in Malta: First record of *Lucilia cuprina* and *Linognathus africanus*. 10, ○
- 366 The first complete mitochondrial genomes of three dobsonfly species (Megaloptera: Corydalidae) from Pakistan with phylogenetic implications. **2022**, 66, ○
- 365 Molecular identification of endophytic fungi in lawn grass (*Axonopus compressus*) and their pathogenic ability. **2023**, 13, ○
- 364 Analysis of genetic diversity, population structure and its association with quality traits in germplasm of *Blumea balsamifera* (L.) DC. based on EST-SSR markers. ○
- 363 Cloning and identification of *CmCC* and *NB* and *ARC*; a chrysanthemum white rust resistance gene. **2023**, 3, 0-0 ○
- 362 Novel Trimethoprim Resistance Gene *dfrA49* Identified in *Riemerella anatipestifer* from China. **2023**, 11, ○
- 361 Genetic characterization of the rare Bruconha virus (Bunyavirales: Orthobunyavirus) isolated in Vale do Ribeira (Atlantic Forest biome), Southeastern Brazil. 65, ○
- 360 Characterization of nitrilase-producing thermophilic bacteria and exploring their potential for mandelic acid synthesis. ○

- 359 The transcription factor GhWRKY70 from gossypium hirsutum enhances resistance to verticillium wilt via the jasmonic acid pathway. **2023**, 23, ○
- 358 The maize PLASTID TERMINAL OXIDASE (PTOX) gene controls the carotenoid content of kernels. ○
- 357 Genome-wide identification of NHX (Na⁺/H⁺ antiporter) gene family in Cucurbita L. and functional analysis of CmoNHX1 under salt stress. 14, ○
- 356 Genome-wide characterization and expression analysis of MYB transcription factors in Chrysanthemum nankingense. **2023**, 23, ○
- 355 An Old World leaf-cutting, fungus-growing ant: A case of convergent evolution. **2023**, 13, ○
- 354 The mobile gene cassette carrying tetracycline resistance genes in Aeromonas veronii strain Ah5S-24 isolated from catfish pond sediments shows similarity with a cassette found in other environmental and foodborne bacteria. 14, ○
- 353 Serum and milk levels of antibodies to bovine viral diarrhoea virus, bovine herpesvirus-1 and -4, and circulation of different bovine herpesvirus-4 genotypes in dairy cattle with clinical mastitis. **2023**, 67, 33-40 ○
- 352 Development of a Multiplex qPCR Assay for Fast Detection and Differentiation of Paracoccidioidomycosis Agents. **2023**, 9, 358 ○
- 351 Calonectria species diversity on eucalypts in Indonesia. 1-9 ○
- 350 The first detection of two Aeromonas strains in mice of the genus Apodemus. **2023**, 13, ○
- 349 Genome-wide analysis of BrbHLH gene family and functional identification of the involvement of BcbHLH57 in abiotic stress in wucaï (Brassica campestris L.). ○
- 348 Isolation and Identification of Bacteria of Genus Bacillus from Composting Urban Solid Waste and Palm Forest in Northern Peru. **2023**, 11, 751 ○
- 347 High-Throughput Microsatellite Markers Development for Genetic Characterization of Emerging Sporothrix Species. **2023**, 9, 354 ○
- 346 Population Structure and Genetic Diversity Analysis of Xufen 1H Line Chickens Using Whole-Genome Resequencing. **2023**, 13, 793 ○
- 345 Prevalence and Characterization of Salmonella Isolated from Chickens in Anhui, China. **2023**, 12, 465 ○
- 344 Neobacillus terrae sp. nov., isolated from mountain soil. **2023**, 73, ○
- 343 Characterization of Molecular Diversity and Organization of Phycobilisomes in Thermophilic Cyanobacteria. **2023**, 24, 5632 ○
- 342 Maternal genetic history of ancient Tibetans over the past 4000 years. **2023**, ○

- 341 How was genetic diversity transferred with translocations from ex situ to in situ? A case study of the European mink translocation to Hiiumaa Island in Estonia. ○
- 340 Identification of Plant Peptides as Novel Inhibitors of Orthohepevirus A (HEV) Capsid Protein by Virtual Screening. **2023**, 28, 2675 ○
- 339 *Spathaspora brunopereirae* sp. nov. and *Spathaspora domphillipsii* sp. nov., two d-xylose-fermenting ascosporegenous yeasts from Amazonian Forest biomes. **2023**, 73, ○
- 338 Comparative Analysis of the Characteristics, Phylogenetic Relationships of the Complete Chloroplast Genome, and Maternal Origin Track of White Poplar Interspecific Hybrid GM107. **2023**, 14, 587 ○
- 337 *Paenibacillus mangrovi* sp. nov., a novel endophytic bacterium isolated from bark of *Kandelia candel*. **2023**, 73, ○
- 336 Potentially probiotic *Limosilactobacillus reuteri* from human milk strengthens the gut barrier in T84 cells and a murine enteroid model. **2023**, 134, ○
- 335 Genome-Wide Identification and Characterization of Bovine Fibroblast Growth Factor (FGF) Gene and Its Expression during Adipocyte Differentiation. **2023**, 24, 5663 ○
- 334 *Cytobacillus citreus* sp. nov., isolated from citrus rhizosphere soil. **2023**, 73, ○
- 333 miR-330 targeting BCO2 is involved in carotenoid metabolism to regulate skin pigmentation in rainbow trout (*Oncorhynchus mykiss*). **2023**, 24, ○
- 332 Novel Chitin Deacetylase from *Thalassiosira weissflogii* Highlights the Potential for Chitin Derivative Production. **2023**, 13, 429 ○
- 331 *Aquiflexum gelatinilyticum* sp. nov., isolated from river water. **2023**, 73, ○
- 330 Repeated divergence of amphibians and reptiles across an elevational gradient in northern Madagascar. **2023**, 13, ○
- 329 Community assembly and network structure of epiphytic and endophytic phyllosphere fungi in a subtropical mangrove ecosystem. 14, ○
- 328 Cytogenetic and Molecular Characterization of *Eigenmannia* aff. *desantanae* (Gymnotiformes: Sternopygidae): A First Report of System of Sex Chromosomes ZW1W2/ZZ in Gymnotiformes. **2023**, 20, 77-85 ○
- 327 *Tamlana laminarinivorans* sp. nov. and *Tamlana sargassicola* sp. nov., two novel species isolated from Sargassum, show genomic and physiological adaptations for a Sargassum-associated lifestyle. **2023**, 73, ○
- 326 New species, a new combination, and DNA barcodes of *Parachironomus* Lenz, 1921 (Diptera, Chironomidae). 1153, 121-140 ○
- 325 Large-scale identification of genes involved in septal pore plugging in multicellular fungi. **2023**, 14, ○
- 324 First report of *Diaporthe helianthi* infecting safflower: A threat to its cultivation in India. **2023**, 171, 145-149 ○

- 323 Environment rather than character displacement explains call evolution in glassfrogs. **2023**, 77, 355-369 ○
- 322 A Molecular and Epidemiological Study of Cholera Outbreak in Sulaymaniyah Province, Iraq, in 2022. **2023**, 72, 39-46 ○
- 321 *Metapolystoma ohlerianum* n. sp. (Monogenea: Polystomatidae) from *Aglyptodactylus madagascariensis* (Anura: Mantellidae). ○
- 320 Characterization of a Plant Growth-Promoting Endohyphal *Bacillus subtilis* in *Fusarium acuminatum* from *Spiranthes sinensis*. **2023**, 72, 29-37 ○
- 319 Preliminary exploration on the ectomycorrhizal status of a wild edible &Gomphus& species from Southwest China. **2023**, 64, 83-95 ○
- 318 *Stenomitos terricola* sp. nov. (Leptolyngbyaceae, Cyanobacteria) from the moist soil of Mt. Gwanggyo, Republic of Korea. ○
- 317 Comparative phylogeography reveals widespread cryptic diversity driven by ecology in Panamanian birds. ○
- 316 *Solitalea lacus* sp. nov., isolated from pond sediment. **2023**, 73, ○
- 315 A comprehensive and systemic review of ginseng-based nanomaterials: Synthesis, targeted delivery, and biomedical applications. ○
- 314 Incidental invertebrate-derived DNA detection of invasive and threatened species in temperate dry Southeast Australian forest. ○
- 313 A Metagenomic Investigation of the Viruses Associated with Shiraz Disease in Australia. **2023**, 15, 774 ○
- 312 *Luteimonas galliterrae* sp. nov., isolated from poultry farm soil. **2023**, 73, ○
- 311 Complete biosynthesis of the phenylethanoid glycoside verbascoside. **2023**, 100592 ○
- 310 Genic-SSR-based genetic diversity and population structure analysis in a global germplasm collection highlights the African origin of winged bean (*Psophocarpus tetragonolobus* L.). ○
- 309 Citrus Bright Spot Virus: A New Dichorhavirus, Transmitted by *Brevipalpus azores*, Causing Citrus Leprosis Disease in Brazil. **2023**, 12, 1371 ○
- 308 Land snail diversity in central China: revision of *Laecathaica* Mllendorff, 1899 (Gastropoda, Camaenidae), with descriptions of seven new species. 1154, 49-147 ○
- 307 BysR, a LysR-Type Pleiotropic Regulator, Controls Production of Occidiofungin by Activating the LuxR-Type Transcriptional Regulator AmbR1 in *Burkholderia* sp. Strain JP2-270. **2023**, 11, ○
- 306 *Nocardioides okcheonensis* sp. nov., isolated from riverside soil. **2023**, 73, ○

- 305 Revealing the Stygobiotic and Crenobiotic Molluscan Diversity in the Caucasus: Part IV Crenobiotic Belgrandiellinae Radoman, 1983 (Mollusca, Hydrobiidae) from Georgia. **2023**, 15, 450 ○
- 304 The complete mitochondrial genome of *Leuciscus merzbacheri* (Cypriniformes: Cyprinidae). **2023**, 8, 414-417 ○
- 303 Phylogeography of the Siberian roe deer in Eurasia and origin of the Siberian mtDNA lineage in European roe deer populations. ○
- 302 Detection of rare genetic variations in the promoter regions of the ATG16L gene in Parkinson's patients. **2023**, 804, 137195 ○
- 301 Characterization of the Bacterial Microbiome in Natural Populations of Barley Stem Gall Midge, *Mayetiola hordei*, in Morocco. **2023**, 11, 797 ○
- 300 Broad Host Tropism of Flaviviruses during the Entry Stage. **2023**, 11, ○
- 299 Social and paternal female choice for male MHC genes in golden snub-nosed monkeys (*Rhinopithecus roxellana*). ○
- 298 Whole genome characterization of thermophilic *Campylobacter* species isolated from dairy manure in small specialty crop farms of Northeast Ohio. 14, ○
- 297 Different waves of postglacial recolonisation and genomic structure of bank vole populations in NE Poland. ○
- 296 Imported rickettsial infections to the United Kingdom, 2015-2020. **2023**, ○
- 295 Erythrocyte miRNA-92a-3p interactions with PfEMP1 as determinants of clinical malaria. **2023**, 23, ○
- 294 Proposal to classify *Ralstonia solanacearum* phylotype I strains as *Ralstonia nicotianae* sp. nov., and a genomic comparison between members of the genus *Ralstonia*. 14, ○
- 293 Heterologous VvDREB2c Expression Improves Heat Tolerance in Arabidopsis by Inducing Photoprotective Responses. **2023**, 24, 5989 ○
- 292 Involvement of APOBEC3A/B Deletion in Mouse Mammary Tumor Virus (MMTV)-like Positive Human Breast Cancer. **2023**, 13, 1196 ○
- 291 Phylogeographic analysis revealed allopatric distribution pattern and biogeographic processes of the widespread pale chub *Opsariichthys acutipinnis-evolans* complex (Teleostei: Cyprinidae) in southeastern China. 11, ○
- 290 Genetic Variation of *Puccinia triticina* Populations in Iran from 2010 to 2017 as Revealed by SSR and ISSR Markers. **2023**, 9, 388 ○
- 289 Geometric Morphometric Analysis of Wing Shape to Identify Populations of *Apis mellifera* in Camagüey, Cuba. **2023**, 14, 306 ○
- 288 Fine-mapping and candidate gene analysis of the *Mcgy1* locus responsible for gynoecey in bitter melon (*Momordica* spp.). **2023**, 136, ○

- 287 *Oscybdomg1*, a cytochrome b561 domain-containing protein, regulates salt tolerance and grain yield in rice. **2023**, 136, ○
- 286 Observations of the host habitat of *Ophiocordyceps nutans* in the Bidoup Nui Ba National Park, Lam Dong, Vietnam.. **2023**, 1155, 012010 ○
- 285 The devil is in the details: Problems in DNA barcoding practices indicated by systematic evaluation of insect barcodes. 11, ○
- 284 *Bradyrhizobium zhengyangense* sp. nov., isolated from effective nodules of *Arachis hypogaea* L. in central China. **2023**, 73, ○
- 283 Phenotypic and Genotypic Characterization of Predominant Lactic Acid Bacteria Isolated from Traditionally Fermented Brassica Leaf (Gundruk). **2023**, 133-154 ○
- 282 Multiple gene co-options underlie the rapid evolution of sexually deceptive flowers in *Gorteria diffusa*. **2023**, ○
- 281 Genomes of four *Streptomyces* strains reveal insights into putative new species and pathogenicity of scab-causing organisms. **2023**, 24, ○
- 280 Identification and characterization of two CRISPR-Cas systems associated with the mosquito microbiome. ○
- 279 *Callicarpa stoloniformis* (Lamiaceae), a new species from Southeast China based on morphological characters and phylogenetic evidence. **2023**, 13, ○
- 278 *Amycolatopsis iheyensis* sp. nov., isolated from soil on Iheya Island, Japan. **2023**, 73, ○
- 277 A multiplex PCR assay for the detection of *Cryptosporidium* species and simultaneous differentiation of *Cryptosporidium hominis*, *Cryptosporidium parvum* in clinical stool samples. ○
- 276 Mutation prediction and phylogenetic analysis of SARS-CoV2 protein sequences using LSTM based encoder-decoder model. **2023**, 30, 103-121 ○
- 275 Acetylation of GhCaM7 enhances cotton resistance to *Verticillium dahliae*. ○
- 274 Genome-Wide Identification and Analysis of MYB Transcription Factor Family in *Hibiscus hamabo*. **2023**, 12, 1429 ○
- 273 Evaluation of the evolutionary genetics and population structure of *Culex pipiens pallens* in Shandong province, China based on knockdown resistance (*kdr*) mutations and the mtDNA-COI gene. **2023**, 24, ○
- 272 *Shouchella tritolerans* sp. nov., a facultative anaerobic bacterium isolated from marine sediments. **2023**, 205, ○
- 271 Analysis of Codon Usage Bias in Xyloglucan Endotransglycosylase (XET) Genes. **2023**, 24, 6108 ○
- 270 *Aequorivita vitellina* sp. nov. and *Aequorivita xiaoshiensis* sp. nov., isolated from marine sediment. **2023**, 73, ○

- 269 SWATH-MS-based proteogenomic analysis reveals the involvement of alternative splicing in poplar upon lead stress. **2023**, 33, 371-385 ○
- 268 *Waldsteinia* within *Geum* s.l. (Rosaceae): Main Aspects of Phylogeny and Speciation History. **2023**, 15, 479 ○
- 267 Genome-wide characterization and expression analysis of the MLO gene family sheds light on powdery mildew resistance in *Lagenaria siceraria*. **2023**, 9, e14624 ○
- 266 Overexpression of ClWRKY48 from *Cunninghamia lanceolata* improves *Arabidopsis* phosphate uptake. **2023**, 257, ○
- 265 Duckweed evolution: from land back to water. ○
- 264 *Candidatus Hydrogenisulfobacillus filiaventii* strain R50 gen. nov. sp. nov., a highly efficient producer of extracellular organic compounds from H₂ and CO₂. 14, ○
- 263 Chicken-origin Cluster 3.2 Tembusu virus exhibits higher infectivity than duck-origin Cluster 2 Tembusu virus in chicks. 10, ○
- 262 Phylogenetic analyses of *Ixodes rugicollis* with notes on its morphology in comparison with *Ixodes cornutus*. **2023**, 16, ○
- 261 Climatic oscillation promoted diversification of spinous assassin bugs during Pleistocene glaciation. ○
- 260 Update on the genetic diversity and population structure of *Echinococcus granulosus* in Gansu Province, Tibet Autonomous Region, and Xinjiang Uygur Autonomous Region, Western China, inferred from mitochondrial *cox1*, *nad1*, and *nad5* sequences. **2023**, 122, 1107-1126 ○
- 259 Characterization and metabolomic profiling of two pigment producing fungi from infected fruits of Indian Gooseberry. **2023**, 205, ○
- 258 Expressions and functions of RR-1 cuticular protein genes in the integument of *Mythimna separata*. ○
- 257 Genetic diversity and relationship among Indonesian local sheep breeds on Java Island based on mitochondrial cytochrome b gene sequences. **2023**, 21, ○
- 256 Genetic diversity and signatures of selection in BoHuai goat revealed by whole-genome sequencing. **2023**, 24, ○
- 255 Pan-genome inversion index reveals evolutionary insights into the subpopulation structure of Asian rice. **2023**, 14, ○
- 254 Taxonomy of the rear-edge populations: the case of genus *Anterastes* (Orthoptera, Tettigoniidae). ○
- 253 Comparative evaluation of native *Trichoderma* species from groundnut rhizosphere against stem rot caused by *Sclerotium rolfsii* Sacc.. ○
- 252 Complete Genome Sequence of *Streptomyces* sp. HP-A2021, a Promising Bacterium for Natural Product Discovery. ○

- 251 Whole genome evaluation analysis and preliminary Assembly of *Oratosquilla oratoria* (Stomatopoda: Squillidae). ○
- 250 Genome-wide identification of the TIFY family reveals JAZ subfamily function in response to hormone treatment in *Betula platyphylla*. **2023**, 23, ○
- 249 Evolution of tetraspanin antigens in the zoonotic Asian blood fluke *Schistosoma japonicum*. **2023**, 16, ○
- 248 Characterization of a novel papillomavirus identified from a whale (*Delphinapterus leucas*) pharyngeal metagenomic library. **2023**, 20, ○
- 247 Comprehensive Analysis of the INDETERMINATE DOMAIN (IDD) Gene Family and Their Response to Abiotic Stress in *Zea mays*. **2023**, 24, 6185 ○
- 246 Development and testing of microsatellite loci for the study of population genetics of *Ixodes ricinus* Linnaeus, 1758 and *Ixodes inopinatus* Estrada-Peñ, Nava and Petney, 2014 (Acari: Ixodidae) in the western Mediterranean region. **2023**, 63, 356-372 ○
- 245 Genome-Wide Identification and Expression Analysis of the fw2.2-like Gene Family in Pear. **2023**, 9, 429 ○
- 244 Boric acid transport activity of marine teleost aquaporins expressed in *Xenopus* oocytes. **2023**, 11, ○
- 243 Cultivation of SAR202 Bacteria from the Ocean. ○
- 242 Genomic Characterization and Pathogenicity of BJEU06-1-Like PRRSV-1 ZD-1 Isolated in China. **2023**, 2023, 1-12 ○
- 241 The Baikal subtype of tick-borne encephalitis virus is evident of recombination between Siberian and Far-Eastern subtypes. **2023**, 17, e0011141 ○
- 240 The Broad-Spectrum Endolysin LySP2 Improves Chick Survival after *Salmonella Pullorum* Infection. **2023**, 15, 836 ○
- 239 Comparative Evaluation of Standard RT-PCR Assays and Commercial Real-Time RT-PCR Kits for Detection of Lassa Virus. **2023**, 11, ○
- 238 Identification of HIR, EDS1 and PAD4 Genes Reveals Differences between *Coffea* Species That May Impact Disease Resistance. **2023**, 13, 992 ○
- 237 Functional characterization of the GhNRT2.1e gene reveals its significant role in improving nitrogen use efficiency in *Gossypium hirsutum*. 11, e15152 ○
- 236 Taxonomic revision of *Tinocladia* (Ectocarpales s.l., Phaeophyceae): merger of *Tinocladia* with *Eudesme* and description of *E. pseudocrassa* sp. nov. 1-11 ○
- 235 ULK4 and Fused/STK36 interact to mediate assembly of a motile flagellum. ○
- 234 The complete mitochondrial genome of *Tenebroides mauritanicus* Linnaeus, 1758 (Coleoptera: Trogossitidae). **2023**, 8, 447-450 ○

- 233 Polymorphism analysis of major histocompatibility complex (MHC) DQB gene in the Asiatic black bear (*Ursus thibetanus*). ○
- 232 Analysis of the AMT gene family in chili pepper and the effects of arbuscular mycorrhizal colonization on the expression patterns of CaAMT2 genes. **2023**, 24, ○
- 231 Phylogeography of *Falagonia mexicana* Sharp, 1883 (Coleoptera, Staphylinidae, Aleocharinae). 1156, 107-131 ○
- 230 Travel-associated lineages and unique endemic antimicrobial-susceptible lineages of *Neisseria gonorrhoeae* predominate in Western Australia. **2023**, 9, ○
- 229 Population genetics of *Glossina fuscipes fuscipes* from southern Chad. 3, ○
- 228 First Report of *Pectobacterium versatile* as the Causal Pathogen of Soft Rot in Kimchi Cabbage in Korea. **2023**, 29, 72-78 ○
- 227 The plant unique ESCRT component FREE1 regulates autophagosome closure. **2023**, 14, ○
- 226 Fungal Diversity Associated with Thirty-Eight Lichen Species Revealed a New Genus of Endolichenic Fungi, *Intumescencia* gen. nov. (Teratosphaeriaceae). **2023**, 9, 423 ○
- 225 Identification and characterization of gut-associated lactic acid bacteria isolated from the bean bug, *Riptortus pedestris* (Hemiptera: Alydidae). **2023**, 18, e0281121 ○
- 224 Microspore-expressed SCULP1 is required for p-coumaroylation of sporopollenin, exine integrity, and pollen development in wheat. ○
- 223 In-Depth Analysis of the Re-Emergence of Respiratory Syncytial Virus at a Tertiary Care Hospital in Germany in the Summer of 2021 after the Alleviation of Non-Pharmaceutical Interventions Due to the SARS-CoV-2 Pandemic. **2023**, 15, 877 ○
- 222 Genome-wide analysis emancipates genomic diversity and signature of selection in Altay white-headed cattle of Xinjiang, China. 14, ○
- 221 Enrichment Culture but Not Metagenomic Sequencing Identified a Highly Prevalent Phage Infecting *Lactiplantibacillus plantarum* in Human Feces. ○
- 220 Novel Identification of the Collection of Pathogenic Fungal Species *Verticillium* with the Development of Species-Specific SSR Markers. **2023**, 12, 535 ○
- 219 RNA-seq analysis revealed considerable genetic diversity and enabled the development of specific KASP markers for *Psathyrostachys huashanica*. 14, ○
- 218 The Complete Mitochondrial Genome of *Morishitium polonicum* (Trematoda, Cyclocoelidae) and its phylogenetic implications. ○
- 217 *Sulfurospirillum tamanensis* sp. nov., a Facultatively Anaerobic Alkaliphilic Bacterium from a Terrestrial Mud Volcano. **2023**, 92, 21-29 ○
- 216 *Alkalibacterium limicola* gen. nov., sp. nov., an Alkaliphilic Bacterium Isolated from an Alkaline, Saline Lake of Buryatia in Russia. **2023**, 92, 11-20 ○

- 215 *Pectobacterium brasiliense* as a Causative Agent for Soft Rot of Radish in Korea. **2023**, 29, 64-71 ○
- 214 First Report of Leaf Spot in Fischer's Ragwort Caused by *Didymella ligulariae*. **2023**, 29, 60-63 ○
- 213 Transcriptome Analysis of Resistant and Susceptible Pecan (*Carya illinoensis*) Reveals the Mechanism of Resistance to Black Spot Disease (*Colletotrichum fioriniae*). **2023**, 71, 5812-5822 ○
- 212 Identification and Functional Characterization of CsMYCs in Cucumber Glandular Trichome Development. **2023**, 24, 6435 ○
- 211 Plastome evolution in the East Asian lobelias (*Lobelioideae*) using phylogenomic and comparative analyses. 14, ○
- 210 Identification of the NAC Transcription Factor Family during Early Seed Development in *Akebia trifoliata* (Thunb.) Koidz. **2023**, 12, 1518 ○
- 209 *Chelativorans petroleitrophicus* sp. nov., a paraffin oil-degrading bacterium isolated from a mixture of oil-based drill cuttings and paddy soil. **2023**, 73, ○
- 208 A quantum leap in the evolution of platyhelminths: Host-switching from turtles to hippopotamuses illustrated from a phylogenetic meta-analysis of polystomes (*Monogenea*, *Polystomatidae*). **2023**, ○
- 207 Comprehensive evolutionary analysis of growth-regulating factor gene family revealing the potential molecular basis under multiple hormonal stress in Gramineae crops. 14, ○
- 206 Detection and genetic characterization of circoviruses in more than 80 bat species from eight countries on four continents. ○
- 205 *Natrinema caseinilyticum* sp. nov., *Natrinema gelatinilyticum* sp. nov., *Natrinema marinum* sp. nov., *Natrinema zhouii* sp. nov., extremely halophilic archaea isolated from marine environments and a salt mine. **2023**, 27, ○
- 204 *Parapedobacter tibetensis* sp. nov., isolated from shore soil of saline lake in Tibet of China and its genome mining of secondary metabolite. **2023**, 73, ○
- 203 The arms race between beet necrotic yellow vein virus and host resistance in sugar beet. 14, ○
- 202 Isolation and Genotypic Characterization of New Emerging Avian Reovirus Genetic Variants in Egypt. **2023**, 2, 174-186 ○
- 201 Omics-assisted characterization of two-component system genes from *Gossypium Raimondii* in response to salinity and molecular interaction with abscisic acid. 14, ○
- 200 Infection Prevalence of Microsporidia *Vairimorpha* (*Nosema*) spp. in Japanese Bumblebees. **2023**, 14, 340 ○
- 199 Fine Mapping of the Affecting Tillering and Plant Height Gene CHA-1 in Rice. **2023**, 12, 1507 ○
- 198 *Membranihabitans maritimus* sp. nov., a marine bacterium isolated from deep seawater. **2023**, 73, ○

- 197 Genetic Variability of Wild Populations of Invasive Redclaw Crayfish (*Cherax quadricarinatus*) von Martens 1868 Across Peninsular Malaysia. **2023**, 52, 35-42 ○
- 196 Molecular characterization & recombination analysis of complete enterovirus-88 isolated from acute flaccid paralysis cases in India. **2023**, 0 ○
- 195 Distinct life history strategies underpin clear patterns of succession in microparasite communities infecting a wild mammalian host. ○
- 194 Morphology, Phylogeny, and Pathogenicity of *Colletotrichum* Species Causing Anthracnose in *Camellia japonica* in China. **2023**, 15, 516 ○
- 193 Molecular structure, comparative and phylogenetic analysis of the complete chloroplast genome sequences of weedy rye *Secale cereale* ssp. *segetale*. **2023**, 13, ○
- 192 Population Structure and Genetic Diversity in the Natural Distribution of *Neolamarckia cadamba* in China. **2023**, 14, 855 ○
- 191 DNA Barcoding of the Palaearctic Elfin Butterflies (Lepidoptera, Lycaenidae) with a Description of Four New Species from Vietnam. **2023**, 14, 352 ○
- 190 *Alcanivorax xiamenensis* sp. nov., a novel marine hydrocarbonoclastic bacterium isolated from surface seawater. **2023**, 73, ○
- 189 *Sarcogyne balochistanensis* sp. nov. (Acarosporales, Acarosporaceae) from Pakistan. **2022**, 49, S60-S65 ○
- 188 *Roseomonas fluvialis* sp. nov., an aerobic bacteriochlorophyll a-containing freshwater bacterium isolated from river epilithic biofilm. **2023**, 73, ○
- 187 Genome-wide identification of the valine-glutamine motif containing gene family and the role of VQ25-1 in pollen germination in *Brassica oleracea*. ○
- 186 Primera evidencia de actividad enzimática nitrilasa en *Xylaria* sp., y su relación con la biosíntesis de ácido indol-3-acético. **2023**, ○
- 185 Antioxidant and antimicrobial activities and GC/MS-based phytochemical analysis of two traditional Lichen species *Trypethellium virens* and *Phaeographis dendritica*. **2023**, 21, ○
- 184 Identification and genomic analyses of a novel endophytic actinobacterium *Streptomyces endophytica* sp. nov. with potential for biocontrol of yam anthracnose. 14, ○
- 183 A new species of phytophagous flower fly (Diptera, Syrphidae), feeding on holoparasitic broomrape plants (Orobanchaceae) for the first time in Europe. ○
- 182 *Diexanthema hakuohmaruae* sp. nov. (Copepoda: Siphonostomatoida: Nicothoidae) from the Hadal Zone in the Northwestern Pacific, with an 18S Molecular Phylogeny. ○
- 181 ATG8-dependent LMX1B-autophagy crosstalk shapes human midbrain dopaminergic neuronal resilience. **2023**, 222, ○
- 180 Molecular epidemiology analysis of symptomatic and asymptomatic norovirus infections in Chinese infants. **2023**, 20, ○

- 179 *Spirocerca lupi* in the stomach of two Andean foxes (*Lycalopex culpaeus*) from Chile. ○
- 178 Phylogenetic Relationship and Molecular Divergence Dating Using SRY Gene Polymorphism about Four Ladoum Sheep Lineages in Senegal. **2023**, 13, 179-198 ○
- 177 Cloning, heterologous expression, and functional characterization of a hydroxyphenylpyruvate reductase (HPPR) gene involved in rosmarinic acid biosynthesis in *Prunella vulgaris*. **2023**, 153, 273-283 ○
- 176 Identification and analysis of toxins in novel *Bacillus thuringiensis* strain Bt S3076-1 against *Spodoptera frugiperda* and *Helicoverpa armigera* (Lep.: Noctuidae). **2023**, 205, ○
- 175 Genome-wide identification and analyses of cotton high-affinity nitrate transporter 2 family genes and their responses to stress. 14, ○
- 174 Marine conditions in Andaman Sea shape the unique genetic structure of *Sargassum plagiophyllum* C.Agardh. ○
- 173 *Vibrio* type III secretion system 2 is not restricted to the Vibrionaceae and encodes differentially distributed repertoires of effector proteins. **2023**, 9, ○
- 172 Role of Diatoms in Forensics: A Molecular Approach. **2023**, 143-163 ○
- 171 Isolation and Characterization of *Brucella* spp., Low-Density Polyethylene (LDPE) Plastic Degrading Bacteria in Al-Ahsa Region, Saudi Arabia. **2023**, 13, 4629 ○
- 170 Systematics and Taxonomy of the *Hymenophyllum polyanthos* Complex in the Brazilian Atlantic Forest Domain. **2023**, 48, 55-77 ○
- 169 *Spencerozyma pingqiaoensis* sp. nov., a yeast species isolated from the external surface of rice leaves in China. **2023**, 73, ○
- 168 Systematics of the Plumeweeds: The Genus *Carminatia* (Eupatorieae, Asteraceae). **2023**, 48, 15-33 ○
- 167 Plastid phylogenomics and species discrimination in the Chinese clade of *Roscoea* (Zingiberaceae). **2023**, ○
- 166 *Thermococcus argininiproducens* sp. nov., an arginine biosynthesis archaeal species isolated from the Central Indian Ocean ridge. **2023**, 73, ○
- 165 Counter-gradient variation and the expensive tissue hypothesis explain parallel brain size reductions at high elevation in cricetid and murid rodents. **2023**, 13, ○
- 164 Synergistic strategy for the enhancement of biohydrogen production from molasses through coculture of *Lactobacillus brevis* and *Clostridium saccharobutylicum*. **2023**, ○
- 163 *Sphingobium nicotianae* sp. nov., isolated from tobacco soil. **2023**, 73, ○
- 162 Substrate specificity and functional conservation of SWEET10 transporter in pineapple. ○

- 161 Genome-Wide Identification of Variants Associated with Antifungal Drug Resistance. **2023**, 81-103 ○
- 160 Prevalence and Molecular Characterisation of *Blastocystis* sp. Infecting Free-Ranging Primates in Colombia. **2023**, 12, 569 ○
- 159 Rearranging the Bird's Nest Fungi: molecular review of internal clades in *Cyathus* (Nidulariaceae, Basidiomycota). **2023**, 14, ○
- 158 Identification and analysis of isoflavone reductase gene family in *Gossypium hirsutum* L.. **2023**, 13, ○
- 157 Differences in the regulation mechanisms of the glutamine synthetase from methanogenic archaea unveiled by structural investigations. ○
- 156 Evolutionary history of New World crakes (Aves: Rallidae) with emphasis on the tribe Laterallini. ○
- 155 Investigations and Characterization of Alkaline Protease-Producing *Fermentibacillus* sp. RSCVS-HS3. **2023**, 20, 341-350 ○
- 154 Yellow Petal locus GaYP promotes flavonol biosynthesis and yellow coloration in petals of Asiatic cotton (*Gossypium arboreum*). **2023**, 136, ○
- 153 Purified cellulase-mediated simultaneous sugar utilization by *Bacillus albus* isolated from Similipal, Odisha, India. ○
- 152 Crystal Structure of a Classical MHC Class I Molecule in Dogs; Comparison of DLA-88*0 and DLA-88*5 Category Molecules. **2023**, 12, 1097 ○
- 151 Phylotype resolved spatial variation and association patterns of planktonic Thaumarchaeota in eastern Chinese marginal seas. ○
- 150 *Colletotrichum siamense* leaf blight/spot: Characterization of a newly identified disease on *Cinnamomum tamala*. ○
- 149 Marek's Disease in Broiler Farms, Iran, 2021: The Phylogenetic Study. ○
- 148 Integrative taxonomy using the plant core DNA barcodes in Sumatra's Burseraceae. **2023**, 13, ○
- 147 Single-specimen systematics resolves the phylogeny and diversity conundrum of enigmatic crustacean y-larvae. **2023**, 107780 ○
- 146 Hydrophobicity-Driven Increases in Editing in Mitochondrial mRNAs during the Evolution of Kinetoplastids. **2023**, 40, ○
- 145 Morphology and phylogeny revealed *Tomophagus cattiensis* (Ganodermataceae) as a new record for India. ○
- 144 Genome-wide Identification of the Plant U-box (<i>PUB</i>) Gene Family and their Global Expression Analysis in Tomato (<i>Solanum lycopersicum</i>). **2023**, 0-0 ○

- 143 Phylogenomics revealed migration routes and adaptive radiation timing of Holarctic malaria mosquito species of the Maculipennis Group. **2023**, 21, ○
- 142 IRAPs in Combination with Highly Informative ISSRs Confer Effective Potentials for Genetic Diversity and Fidelity Assessment in *Rhododendron*. **2023**, 24, 6902 ○
- 141 The First Report of *Holothuria* (*Thymiosycia*) *impatiens* (Forsskål 1775), (*Holothuroidea*: *Holothuriidae*) from Tunisia (Mediterranean Sea): Taxonomic, Morphological, and Molecular Data Compilation. **2023**, 15, 542 ○
- 140 miR-205 Regulates the Fusion of Porcine Myoblast by Targeting the Myomaker Gene. **2023**, 12, 1107 ○
- 139 Genome-Wide Identification and Expression Analysis of the TCP Genes in *Jatropha curcas* L. Reveals Its Roles in Involvement of Leaf Shape. **2023**, 14, 780 ○
- 138 Genome-Wide Identification and Characterization of the ANS Gene Family in Pomegranate (*Punica granatum* L.). **2023**, 9, 468 ○
- 137 Transmitted HIV Drug Resistance in Bulgaria Occurs in Clusters of Individuals from Different Transmission Groups and Various Subtypes (2012020). **2023**, 15, 941 ○
- 136 Insights into microRNA regulation of flower coloration in a lily cultivar Vivian petal. **2023**, 0-0 ○
- 135 Molecular phylogenetic and morphological support for the recognition of *Friesodielsia lalisae* (*Annonaceae*), a new species from S Thailand. **2023**, 53, ○
- 134 Heat-Induced Transcriptome and Genome-Wide Analysis of NHL Genes in Maize (*Zea mays* L.) Suggest a Role of ZmNHLs Under Heat Stress. ○
- 133 *Aurantimonas marianensis* sp. nov., isolated from deep-sea sediment of the Mariana Trench. **2023**, 73, ○
- 132 *Paenibacillus dendrobii* sp. nov., an indole-3-acetic acid-producing endophytic bacterium isolated from *Dendrobium nobile*. **2023**, 73, ○
- 131 A new species of *Megastigmus* (Hymenoptera, Megastigmidae) from China. 11, ○
- 130 Positive selection in cytochrome P450 genes is associated with gonad phenotype and mating strategy in social bees. **2023**, 13, ○
- 129 A new species of *Parauchenoglanis* (*Auchenoglanididae*: *Siluriformes*) from the Upper Lualaba River (Upper Congo), with further evidence of hidden species diversity within the genus. ○
- 128 Genomic surveillance uncovers a pandemic clonal lineage of the wheat blast fungus. **2023**, 21, e3002052 ○
- 127 A potential biocontrol agent *Streptomyces tauricus* XF for managing wheat stripe rust. **2023**, 5, ○
- 126 A novel narnavirus isolated from *Colletotrichum curcumae* strain 780-2T. ○

- 125 Chimera alert! The threat of chimeric sequences causing inaccurate taxonomic classification of phytoplasma strains. ○
- 124 Antibacterial Activity of the Green Synthesized Plasmonic Silver Nanoparticles with Crystalline Structure against Gram-Positive and Gram-Negative Bacteria. **2023**, 13, 1327 ○
- 123 Cloning and functional characterization of MhPSY1 gene from *Malus halliana* in apple calli and *Arabidopsis thaliana*. ○
- 122 Establishment of a New Model Sea Anemone for Comparative Studies on Cnidarian-Algal Symbiosis. **2023**, 40, ○
- 121 Identification of a putative novel cholivirus in the transcriptome of *Gymnema sylvestre* R. Br. **2023**, 205, ○
- 120 *Mumia quercus* sp. nov., isolated from the root of *Quercus variabilis*. **2023**, 73, ○
- 119 Phylogenetic assessment of Apophallines (Digenea: Opisthorchiidae) with revision of *Apophallus donicus* Skrjabin & Lindtrop, 1919 complex and some taxonomic propositions. **2023**, 21, ○
- 118 Genome-Wide Analysis of the SNARE Family in Cultivated Peanut (*Arachis hypogaea* L.) Reveals That Some Members Are Involved in Stress Responses. **2023**, 24, 7103 ○
- 117 Molecular screening of the most common streptococci affecting *Common pandora* (*Pagellus erythrinus* Linnaeus, 1758) caught from the Mediterranean coast of Tripoli. ○
- 116 Genome-Wide Identification of LBD Genes in Foxtail Millet (*Setaria italica*) and Functional Characterization of SiLBD21. **2023**, 24, 7110 ○
- 115 Phenotypic and Genotypic Identification of Dermatophytes from Mexico and Central American Countries. **2023**, 9, 462 ○
- 114 Comparing genomic variant identification protocols for *Candida auris*. **2023**, 9, ○
- 113 Plant recognition by *Trichoderma harzianum* elicits upregulation of a novel secondary metabolite cluster required for colonization. ○
- 112 Population Genetic Diversity of Two Blue Oat Mite Species on *Triticum* Hosts in China. **2023**, 14, 377 ○
- 111 Genome-Wide Identification and Expression Pattern Analysis of Dirigent Members in the Genus *Oryza*. **2023**, 24, 7189 ○
- 110 LcWRKY17, a WRKY Transcription Factor from *Litsea cubeba*, Effectively Promotes Monoterpene Synthesis. **2023**, 24, 7210 ○
- 109 Cassava MeRS40 is required for the regulation of plant salt tolerance. **2023**, ○
- 108 Polyphenol oxidases regulate pollen development through modulating flavonoids homeostasis in tobacco. **2023**, 107702 ○

- 107 SiNF-YC2 Regulates Early Maturity and Salt Tolerance in *Setaria italica*. **2023**, 24, 7217 ○
- 106 Complete chloroplast genome sequence and characteristics analysis of Qingda no.1 alfalfa (*Medicago sativa* L. cv. Qingda no.1). ○
- 105 Overexpression of Global Regulator SCrp Leads to the Discovery of New Angucyclines in *Streptomyces* sp. XS-16. **2023**, 21, 240 ○
- 104 Identification of two cassava receptor-like cytoplasmic kinase genes related to disease resistance via genome-wide and functional analysis. **2023**, 115, 110626 ○
- 103 Systematical Characterization of the AT-Hook Gene Family in *Juglans regia* L. and the Functional Analysis of the JrAHL2 in Flower Induction and Hypocotyl Elongation. **2023**, 24, 7244 ○
- 102 Whole genome characterization and evolutionary analysis of bovine ephemeral fever virus isolated in Iran. **2023**, 205, ○
- 101 A discussion on the relationship of *Capila omeia* (Leech, 1894) and *C. pseudomeia* Fan & Wang, 2004 syn. n. (Hesperiidae, Pyrginae). **2023**, 5264, 587-592 ○
- 100 Genomic and Transcriptomic Approaches Provide a Predictive Framework for Sesquiterpenes Biosynthesis in *Desarmillaria tabescens* CICC 401429. **2023**, 9, 481 ○
- 99 Genome-wide analysis of SPL/miR156 module and their expression analysis in vegetative and reproductive organs of oil palm (*Elaeis guineensis*). ○
- 98 Phylogenetic analysis of Blaberoidea reveals non-monophyly of taxa and supports the creation of multiple new subfamilies. ○
- 97 The complete mitochondrial genome of *Brachyrhynchus triangulus* (Hemiptera: Aradoidea: Aradidae). **2023**, 8, 512-514 ○
- 96 Genome-wide SNP analyses reveal a substantial gene flow and isolated-genetic structure of sea cucumber *Holothuria leucospilota* populations in Western Central Pacific. **2023**, 264, 106718 ○
- 95 Longitudinal Survey of Astrovirus infection in different bat species in Zimbabwe: Evidence of high genetic Astrovirus diversity. ○
- 94 Characterization of Chlorophyll Fluorescence and Antioxidant Defense Parameters of Two *Gracilariopsis lemaneiformis* Strains under Different Temperatures. **2023**, 12, 1670 ○
- 93 Evolution and expression analysis of the caffeoyl-CoA 3-O-methyltransferase (CCoAOMT) gene family in jute (*Corchorus* L.). **2023**, 24, ○
- 92 Genomic relationships of the polyploid rhizoma peanut (*Arachis glabrata* Benth.) inferred by genomic in situ hybridization (GISH). **2023**, 95, ○
- 91 Three marine species of the genus *Fulvivirga*, rich sources of carbohydrate-active enzymes degrading alginate, chitin, laminarin, starch, and xylan. **2023**, 13, ○
- 90 Genome-wide identification of Cell Wall Associated Kinases -Like (WAKL) family in maize (*Zea mays* L.) and its Gibberellin mediated transcriptional regulation during kernel early development. ○

- 89 Plasma-Membrane-Localized Transporter NREET1 is Responsible for Rare Earth Element Uptake in Hyperaccumulator *Dicranopteris linearis*. ○
- 88 Analysis of the Complete Mitochondrial Genome of the Bitter Gourd (*Momordica charantia*). **2023**, 12, 1686 ○
- 87 Pyroptotic gasdermin exists in Mollusca and is vital to eliminating bacterial infection. **2023**, 42, 112414 ○
- 86 A major flood caused by a typhoon did not affect the population genetic structure of a river mayfly metapopulation. **2023**, 290, ○
- 85 Population genomics of fall armyworm by genotyping-by-sequencing: Implications for pest management. **2023**, 18, e0284587 ○
- 84 Novel insights into chloroplast genome evolution in the green macroalgal genus *Ulva* (Ulvophyceae, Chlorophyta). 14, ○
- 83 Plastid Phylogenomic Analyses Reveal a Cryptic Species of *Ligusticopsis* (Apiaceae, Angiosperms). **2023**, 24, 7419 ○
- 82 Fortuitous events in the evolution of Light-dependent Protochlorophyllide Oxidoreductase. ○
- 81 Genetic consequence of widespread plantations of *Cryptomeria japonica* var. *sinensis* in Southern China: implications for afforestation strategies under climate change. **2023**, 19, ○
- 80 A Single Residue within the MCR-1 Protein Confers Anticipatory Resilience. ○
- 79 Presence of known feline ALMS1 and MYBPC3 variants in a diverse cohort of cats with hypertrophic cardiomyopathy in Japan. **2023**, 18, e0283433 ○
- 78 Development of SSR Molecular Markers and Genetic Diversity Analysis of TPS Gene Family in *Chimonanthus praecox*. **2023**, 13, 893 ○
- 77 Regulation of Cell Proliferation and Nrf2-Mediated Antioxidant Defense: Conservation of Keap1 Cysteines and Nrf2 Binding Site in the Context of the Evolution of KLHL Family. **2023**, 13, 1045 ○
- 76 Gill Monogeneans (Platyhelminthes) Parasitic on *Gnathopogon elongatus* and *G. caerulescens* (Cypriniformes: Gobionidae) from Japan, with Descriptions of One New Species of *Dactylogyrus* and Three New Species of *Divaginogyrus* (Dactylogyridae). **2023**, 28, 69-97 ○
- 75 The evolutionary history of rice azaleas (*Rhododendron tschonoskii* alliance) involved niche evolution to a montane environment. ○
- 74 Ectopic expression of DnaJ type-I protein homolog of *Vigna aconitifolia* (VaDJI) confers ABA insensitivity and multiple stress tolerance in transgenic tobacco plants. 14, ○
- 73 *Sugiyamaella bielyi* f. a., sp. nov. and *Sugiyamaella amazoniana* f. a., sp. nov., two yeast species isolated from passalid beetles and rotting wood in Amazonia. **2023**, 73, ○
- 72 Genome-based reclassification of *Picrophilus torridus* Zillig et al. 1996 as a later heterotypic synonym of *Picrophilus oshimae* Schleper et al. 1996. **2023**, 73, ○

- 71 *Sphingomicrobium sediminis* sp. nov., isolated from marine sediment in the Republic of Korea. **2023**, 73, ○
- 70 RWP-RK Domain 3 (OsRKD3) induces somatic embryogenesis in black rice. **2023**, 23, ○
- 69 A taxonomic revision of *Boiga multomaculata* (Boie, 1827) and *B. ochracea* (Theobald, 1868), with the description of a new subspecies (Squamata, Serpentes, Colubridae). **2023**, 5270, 151-193 ○
- 68 Disruption of CHORISMATE SYNTHASE1 leads to yellow-green variegation in soybean leaves. ○
- 67 *Solitalea agri* sp. nov., a new member of the genus *Solitalea* isolated from rhizospheric soil of a jujube tree. **2023**, 73, ○
- 66 Genome-Wide Identification, Expression, and Response to *Fusarium* Infection of the SWEET Gene Family in Garlic (*Allium sativum* L.). **2023**, 24, 7533 ○
- 65 Comparative genomic insights into habitat adaptation of coral-associated *Prosthecochloris*. 14, ○
- 64 Highly accurate species identification of Eastern Pacific rockfishes (*Sebastes* spp.) with high-throughput DNA sequencing. ○
- 63 Identification and Genome Characterization of Novel Feline Parvovirus Strains Isolated in Shanghai, China. **2023**, 45, 3628-3639 ○
- 62 *Onthodiplogaster japonica* n. gen., n. sp. (Rhabditida: Diplogastridae) isolated from *Onthophagus* sp. (Coleoptera: Scarabaeidae) from Japan. **2023**, 13, ○
- 61 Genome-wide characterization, identification, and function analysis of candidate JsMYB genes involved in regulating flavonol biosynthesis in *Juglans sigillata* Dode. **2023**, 317, 112044 ○
- 60 Occurrence of canine parvovirus type 2c in diarrhoeic faeces of dogs in Kolkata, India. ○
- 59 Molecular Phylogeny and Morphology of *Tolypocladium globosum* sp. nov. Isolated from Soil in Korea. 1-8 ○
- 58 Genome-wide analyses of LATERAL ORGAN BOUNDARIES in cassava reveal the role of LBD47 in defence against bacterial blight. **2023**, 18, e0282100 ○
- 57 The prevalence and molecular detection of bovine cysticercosis and its impact on slaughtered cattle in Egypt. ○
- 56 Functional studies of four MiFPF genes in mango revealed their function in promoting flowering in transgenic *Arabidopsis*. **2023**, 153994 ○
- 55 Complete mitochondrial genomes reveal the phylogenetic relationships of *Duoma* with eight representative sheep breeds and two *ovis* species. **2023**, 8, 518-521 ○
- 54 Molecular characterisation of three *Ixodes* (*Pholeoixodes*) species (*Ixodida*, *Ixodidae*) and the first record of *Ixodes* (*Pholeoixodes*) *kaiseri* from Slovakia. 1158, 147-162 ○

- 53 Complete genome sequence of triticum yellow stripe virus, a new polerovirus infecting wheat (triticum aestivum) in China. **2023**, 168, ○
- 52 Biosynthesis, characterization and optimization of TiO₂ nanoparticles by novel marine halophilic Halomonas sp. RAM2: application of natural dye-sensitized solar cells. **2023**, 22, ○
- 51 AoMae1 Regulates Hyphal Fusion, Lipid Droplet Accumulation, Conidiation, and Trap Formation in *Arthrobotrys oligospora*. **2023**, 9, 496 ○
- 50 Polyphasic characterisation of *Microcoleus autumnalis* (Gomont, 1892) Strunecky, Koma rek & J.R.Johansen, 2013 (Oscillatoriales, Cyanobacteria) using a metabolomic approach as a complementary tool. 11, ○
- 49 Pectinolytic Yeast *Saccharomyces paradoxus* as a New Gene Pool for Winemaking. **2023**, 92, 256-268 ○
- 48 Integrative Proteomics and Metabolomics Analysis Reveals the Role of Small Signaling Peptide Rapid Alkalinization Factor 34 (RALF34) in Cucumber Roots. **2023**, 24, 7654 ○
- 47 Molecular Genetic and Functional Analysis of the Genes Encoding Alkane 1-Monooxygenase Synthesis in Members of the Genus *Rhodococcus*. **2023**, 92, 242-255 ○
- 46 Screening and Identification of Potato StSPS1, a Potential Crucial Gene Regulating Seed Potato Vigor. **2023**, 9, 511 ○
- 45 Production, Purification and Characterization of a Novel Thermostable Caffeine Dehydrogenase from *Pichia manshurica* Strain CD1 Isolated from Kombucha Tea. **2023**, 92, 230-241 ○
- 44 *Pelosinus baikalensis* sp. nov., an Iron-Reducing Bacterium Isolated from a Cold Freshwater Lake. **2023**, 92, 137-145 ○
- 43 Bioprospecting Endophytic Fungi Isolated from *Cephalotaxus mannii* Hook f. as Prolific Sources of Antibacterial, Anticancer, and Antioxidant Agents. **2023**, 92, 284-292 ○
- 42 Expression of the *Populus* Orthologues of AtYY1, YIN and YANG Activates the Floral Identity Genes AGAMOUS and SEPALLATA3 Accelerating Floral Transition in *Arabidopsis thaliana*. **2023**, 24, 7639 ○
- 41 The Synthetic Opioid Fentanyl Increases HIV Replication and Chemokine Co-Receptor Expression in Lymphocyte Cell Lines. **2023**, 15, 1027 ○
- 40 Evolutionary relationship of the NBS-LRR gene family in *Melaleuca* and *Eucalyptus* (Myrtaceae). **2023**, 19, ○
- 39 Comparative genomics of the brown rot fungi *Monilinia fructicola*, *M. laxa* and *M. fructigena*. **2023**, 31-38 ○
- 38 Identification of *Aspergillus niger* Aquaporins Involved in Hydrogen Peroxide Signaling. **2023**, 9, 499 ○
- 37 Updates on phytoplasma diseases associated with sugarcane in Asia. **2023**, 215-232 ○
- 36 The first report of *Setaria tundra* (Issaitshikoff & Rajewskaya, 1928) in Slovakia by using of molecular methods. ○

- 35 The phylogenetic structure and coalescent species delimitation of an endemic trapdoor spider genus, *Stasimopus* (Araneae, Mygalomorphae, Stasimopidae) in the Karoo region of South Africa. **2023**, 107798 ○
- 34 Characterization of a novel picornavirus prevalent in experimental rabbits (*Oryctolagus cuniculus*). **2023**, e15702 ○
- 33 First molecular documented case of a rarely reported parasite: *Plasmodium knowlesi* infection in Denmark in a traveller returning from Malaysian Borneo. **2023**, 102580 ○
- 32 Develop a Compact RNA Base Editor by Fusing ADAR with Engineered EcCas6e. ○
- 31 Functional Relations of CSLD2, CSLD3, and CSLD5 Proteins during Cell Wall Synthesis in *Arabidopsis*. ○
- 30 Poxvirus Infections in Dairy Farms and Transhumance Cattle Herds in Nigeria. **2023**, 15, 1051 ○
- 29 Molecular and phenotypic characterization of *Hemicriconemoides rosae* (Rathour et al., 2003) from mustard rhizosphere in India. **2023**, 84, ○
- 28 Isolation, susceptibility profiles and genomic analysis of a colistin-resistant *Salmonella enterica* serovar Kentucky strain COL-R. **2023**, 13, ○
- 27 Jawless vertebrates do not escape retrovirus infection. **2023**, 583, 52-55 ○
- 26 Genome-wide identification and molecular characterization of CRK gene family in cucumber (*Cucumis sativus* L.) under cold stress and *Sclerotium rolfsii* infection. **2023**, 24, ○
- 25 Genetic diversity and population structure of wild *Macrobrachium nipponense* populations across China: Implication for population management. ○
- 24 Genomic and Secretomic Analyses of the Newly Isolated Fungus *Perenniporia fraxinea* SS3 Identified CAZymes Potentially Related to a Serious Pathogenesis of Hardwood Trees. ○
- 23 *Pseudomonas petrae* sp. nov. isolated from regolith samples in Antarctica. **2023**, 46, 126424 ○
- 22 *Salinimicrobium profundisediminis* sp. nov., isolated from deep-sea sediment of the Mariana Trench. **2023**, 73, ○
- 21 Potential use of high-resolution melting analyses for SARS-CoV-2 genomic surveillance. **2023**, 317, 114742 ○
- 20 Identification, Characterization, and Growth-Promoting Effects of Bacterial Endophytes Isolated from Okra (*Abelmoschus esculentus* L.). **2023**, 13, 1226 ○
- 19 A new species of the genus *Catillopecten* (Bivalvia: Pectinoidea: Propeamussiidae): morphology, mitochondrial genome, and phylogenetic relationship. 10, ○
- 18 Mitochondrial introgression and mito-nuclear discordance obscured the closely related species boundaries in *Cletus* Stål from China (Heteroptera: Coreidae). **2023**, 184, 107802 ○

- 17 Identification of *Spodoptera frugiperda* (Lepidoptera: Noctuidae) and its two host strains in China by PCR-RFLP. ○
- 16 Molecular cloning and in silico analysis of chalcone isomerase from *Polygonum minus*. ○
- 15 Landscape determinants of genetic structure for *Schizopygopsis younghusbandi* in the Yarlung Tsangpo River drainage, Tibetan Plateau. **2023**, 151, 110309 ○
- 14 Richness of *Nigrospora* spp. (Apiosporaceae) in *Manihot esculenta* in Brazil and the description of three new species. **2023**, 22, ○
- 13 Molecular Characterization and Expression Analysis of Four Janus Kinases (JAK1, JAK2a, JAK3 and TYK2) from Golden Pompano (*Trachinotus ovatus*). **2023**, 8, 245 ○
- 12 Four cases of reported adverse effects from black boletoi, *Anthracoporus nigropurpureus* (Boletaceae) mushroom ingestion. **2023**, 230, 107155 ○
- 11 Isolation, identification, and pathogenic effects of *Trichoderma* spp. from *Auricularia auricula*. **2023**, 6, ○
- 10 Genome sequence data of *Burkholderia* sp. IMCC1007 isolated from maize rhizosphere: A potential strain in fusaric acid mycotoxin biodegradation. **2023**, 48, 109204 ○
- 9 Genome Sequence of Highly Pathogenic Avian Influenza Virus A/Chicken/North Kazakhstan/184/2020 (H5N8). ○
- 8 Differences and biocontrol potential of haustorial endophytic fungi from *Taxillus Chinensis* on different host plants. **2023**, 23, ○
- 7 Comprehensive identification of polygalacturonases in cotton: Genomic analysis, potential regulatory mechanisms and expression patterns in anthers. **2023**, 200, 116874 ○
- 6 Novel Orthonairovirus Isolated from Ticks near China-North Korea Border. **2023**, 29, ○
- 5 Tween-80 enhanced biodegradation of naphthalene by *Klebsiella quasipneumoniae*. ○
- 4 *Cystofilobasidium josepaulonis* sp. nov., a novel basidiomycetous yeast species. **2023**, 73, ○
- 3 Mitogenomic phylogenetic analyses provide novel insights into the taxonomic problems of several hesperiid taxa (Lepidoptera: Hesperidae). **2023**, 13, ○
- 2 *Antribacter soli* sp. nov., a novel actinobacterium isolated from soils of weathering dolomite. **2023**, 73, ○
- 1 Characterization of histone acetyltransferases and deacetylases and their roles in response to dehydration stress in *Pyropia yezoensis* (Rhodophyta). 14, ○