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2145	An antiapoptotic neuroprotective role for neuroglobin. <b>2010</b> , 11, 2306-21	51
2144	Genotyping of human lice suggests multiple emergencies of body lice from local head louse populations. <b>2010</b> , 4, e641	69

2143	Conserved RNaseII domain protein functions in cytoplasmic mRNA decay and suppresses Arabidopsis decapping mutant phenotypes. <b>2010</b> , 107, 15981-5	59
2142	Serum-dependent selective expression of EhTMKB1-9, a member of Entamoeba histolytica B1 family of transmembrane kinases. <b>2010</b> , 6, e1000929	48
2141	The regulation of MADS-box gene expression during ripening of banana and their regulatory interaction with ethylene. <b>2010</b> , 61, 1523-35	101
2140	Multisite study of cryptosporidiosis in children with diarrhea in India. <b>2010</b> , 48, 2075-81	59
2139	Molecular characterization and expression analysis of a suite of cytochrome P450 enzymes implicated in insect hydrocarbon degradation in the entomopathogenic fungus Beauveria bassiana. <b>2010</b> , 156, 2549-2557	60
2138	Reassortant group A rotavirus from straw-colored fruit bat (Eidolon helvum). <b>2010</b> , 16, 1844-52	76
2137	Identification and functional characterization of monofunctional ent-copalyl diphosphate and ent-kaurene synthases in white spruce reveal different patterns for diterpene synthase evolution for primary and secondary metabolism in gymnosperms. <b>2010</b> , 152, 1197-208	82
2136	Metabolic pathways in the apicoplast of apicomplexa. <b>2010</b> , 281, 161-228	109
2135	Molecular identification of the causative agent of human strongyloidiasis acquired in Tanzania: dispersal and diversity of Strongyloides spp. and their hosts. <b>2010</b> , 59, 407-13	66
2134	Aromatic C-methyltransferases with antipodal stereoselectivity for structurally diverse phenolic amino acids catalyze the methylation step in the biosynthesis of the actinomycin chromophore. <b>2010</b> , 49, 9698-705	22
2133	Protein phosphatase 2B (PP2B, calcineurin) in Paramecium: partial characterization reveals that two members of the unusually large catalytic subunit family have distinct roles in calcium-dependent processes. <b>2010</b> , 9, 1049-63	23
2132	SeaView version 4: A multiplatform graphical user interface for sequence alignment and phylogenetic tree building. <b>2010</b> , 27, 221-4	4001
2131	In vitro characterization of Arabidopsis CP12 isoforms reveals common biochemical and molecular properties. <b>2010</b> , 167, 939-50	31
2130	Exploitation of a high genomic mutation rate in Solenopsis invicta virus 1 to infer demographic information about its host, Solenopsis invicta. <b>2010</b> , 105, 105-11	5
2129	A two-gene phylogeny shows the lichen genus Niebla (Lecanorales) is endemic to the New World and does not occur in Macaronesia nor in the Mediterranean basin. <b>2010</b> , 114, 528-37	20
2128	UreA, the major urea/H <sup>+</sup> symporter in Aspergillus nidulans. <b>2010</b> , 47, 1023-33	32
2127	cDNA identification, comparison and phylogenetic aspects of lombricine kinase from two oligochaete species. <b>2010</b> , 156, 137-43	4
2126	SRD5A3 is required for converting polyprenol to dolichol and is mutated in a congenital glycosylation disorder. <b>2010</b> , 142, 203-17	207

2125	Comparison of gene order in the chromosome region containing a TERMINAL FLOWER 1 homolog in apricot and peach reveals microsynteny across angiosperms. <b>2010</b> , 179, 390-398	11
2124	Cis-regulatory characterization of sequence conservation surrounding the Hox4 genes. <b>2010</b> , 340, 269-82	16
2123	The <i>Chlorella variabilis</i> NC64A genome reveals adaptation to photosymbiosis, coevolution with viruses, and cryptic sex. <b>2010</b> , 22, 2943-55	384
2122	Genomic and coexpression analyses predict multiple genes involved in triterpene saponin biosynthesis in <i>Medicago truncatula</i> . <b>2010</b> , 22, 850-66	144
2121	<i>Rickettsia felis</i> infection in a common household insect pest, <i>Liposcelis bostrychophila</i> (Psocoptera: Liposcelidae). <b>2010</b> , 76, 2280-5	55
2120	Functional analysis, overexpression, and kinetic characterization of pyruvate kinase from methicillin-resistant <i>Staphylococcus aureus</i> . <b>2010</b> , 49, 7733-47	41
2119	Potential contributions of heat shock proteins to temperature-dependent sex determination in the American alligator. <b>2010</b> , 4, 73-87	60
2118	Ultrastructural and molecular characterization of a new microsporidium parasite from the Amazonian fish, <i>Gymnorhamphichthys rondoni</i> (Rhamphichthyidae). <b>2010</b> , 96, 1155-63	13
2117	Detection of DNA of <i>Histomonas meleagridis</i> and <i>Tetratrichomonas gallinarum</i> in German poultry flocks between 2004 and 2008. <b>2010</b> , 54, 1021-5	30
2116	Family 6 glycosyltransferases in vertebrates and bacteria: inactivation and horizontal gene transfer may enhance mutualism between vertebrates and bacteria. <b>2010</b> , 285, 37121-7	17
2115	<i>Streptococcus salivarius</i> mutants defective in mannose phosphotransferase systems show reduced sensitivity to mutacins I-T9 and R-3B. <b>2010</b> , 56, 692-6	1
2114	Clinical isolates of <i>Trichomonas vaginalis</i> concurrently infected by strains of up to four <i>Trichomonasvirus</i> species (Family Totiviridae). <b>2011</b> , 85, 4258-70	47
2113	. <b>2011</b> ,	41
2112	Type VI secretion system in <i>Pseudomonas aeruginosa</i> : secretion and multimerization of VgrG proteins. <b>2011</b> , 286, 12317-27	105
2111	Top-Down Protein Analysis and Phylogenetic Characterization of Unsequenced Bacteria. <b>2011</b> , 121-142	3
2110	Coevolution of ABC transporters and two-component regulatory systems as resistance modules against antimicrobial peptides in Firmicutes Bacteria. <b>2011</b> , 193, 3851-62	114
2109	Identification of the <i>oriC</i> region and its influence on heterocyst development in the filamentous cyanobacterium <i>Anabaena</i> sp. strain PCC 7120. <b>2011</b> , 157, 1910-1919	10
2108	Phylogenetic diversity of fungal communities in areas accessible and not accessible to tourists in Naracoorte Caves. <b>2011</b> , 103, 959-68	35

2107	Elevated amh gene expression in the brain of male tilapia ( <i>Oreochromis niloticus</i> ) during testis differentiation. <b>2011</b> , 5, 33-47	39
2106	Sucrose Transporters and Plant Development. <b>2011</b> , 225-251	5
2105	Phylogenetic Analysis of Pathogens. <b>2011</b> , 203-231	1
2104	Fine structure and systematics of <i>Prymnesium radiatum</i> sp. nov. (Prymnesiophyceae) from False Bay and Franskraal, South Africa. <b>2011</b> , 46, 229-248	7
2103	Regulation by Ca <sup>2+</sup> -signaling pathways of adenylyl cyclases. <b>2011</b> , 3, a004143	118
2102	Diversity of metalloproteinases in <i>Bothrops neuwiedi</i> snake venom transcripts: evidences for recombination between different classes of SVMPs. <b>2011</b> , 12, 94	32
2101	[ <i>Streptococcus mutans</i> and oral streptococci in dental plaque]. <b>2011</b> , 57, 1-20	35
2100	Pharmaceuticals as neuroendocrine disruptors: lessons learned from fish on Prozac. <b>2011</b> , 14, 387-412	122
2099	Water quality and microbial community structure in juvenile Atlantic cod ( <i>Gadus morhua</i> L.) cultures. <b>2011</b> , 316, 111-120	13
2098	Molecular characterization of the MuRF genes in rainbow trout: Potential role in muscle degradation. <b>2011</b> , 158, 208-15	17
2097	Characterization and immune function of two intracellular sensors, HmTLR1 and HmNLR, in the injured CNS of an invertebrate. <b>2011</b> , 35, 214-26	19
2096	Expressed sequence tags reveal genetic diversity and putative virulence factors of the pathogenic oomycete <i>Pythium insidiosum</i> . <b>2011</b> , 115, 683-96	36
2095	The relationships between nutrients, cyanobacterial toxins and the microbial community in Taihu (Lake Tai), China. <b>2011</b> , 10, 207-215	112
2094	Secretome of fungus-infected aphids documents high pathogen activity and weak host response. <b>2011</b> , 48, 343-52	24
2093	Molecular phylogeny of the family Bacillariaceae based on 18S rDNA sequences: focus on freshwater <i>Nitzschia</i> of the section <i>Lanceolatae</i> . <b>2011</b> , 26, 273-291	45
2092	A novel fungal family of oligopeptide transporters identified by functional metatranscriptomics of soil eukaryotes. <b>2011</b> , 5, 1871-80	69
2091	Coiled coils and SAH domains in cytoskeletal molecular motors. <b>2011</b> , 39, 1142-8	29
2090	A hypothetical relationship between the nuclear reprogramming factors for induced pluripotent stem (iPS) cells generation--bioinformatic and algorithmic approach. <b>2011</b> , 76, 507-11	9

2089	Identification and differential expression of a sex-peptide receptor in <i>Helicoverpa armigera</i> . <b>2011</b> , 41, 537-44	25
2088	Structural analysis of chorismate synthase from <i>Plasmodium falciparum</i> : a novel target for antimalaria drug discovery. <b>2011</b> , 49, 767-77	11
2087	Fructan accumulation and transcription of candidate genes during cold acclimation in three varieties of <i>Poa pratensis</i> . <b>2011</b> , 168, 344-51	20
2086	Glyphosate influence on phytoplankton community structure in Lake Erie. <b>2011</b> , 37, 683-690	49
2085	The host range of the male-killing symbiont <i>Arsenophonus nasoniae</i> in filth fly parasitoids. <b>2011</b> , 106, 371-9	24
2084	Solution NMR structure of Apo-calmodulin in complex with the IQ motif of human cardiac sodium channel NaV1.5. <b>2011</b> , 406, 106-19	92
2083	BMP signaling dynamics in the follicle cells of multiple <i>Drosophila</i> species. <b>2011</b> , 354, 151-9	17
2082	The translational value of rodent gastrointestinal functions: a cautionary tale. <b>2011</b> , 32, 402-9	82
2081	Relationship between larval-pupal metamorphosis and transcript expression of insulin-like peptide and insulin receptor in <i>Spodoptera littoralis</i> . <b>2011</b> , 32, 531-8	15
2080	Characterization of three "Birtoxin-like" toxins from the <i>Androctonus amoreuxi</i> scorpion venom. <b>2011</b> , 32, 911-9	11
2079	Comparative analysis of GT14/GT14-like gene family in <i>Arabidopsis</i> , <i>Oryza</i> , <i>Populus</i> , <i>Sorghum</i> and <i>Vitis</i> . <b>2011</b> , 181, 688-95	18
2078	Role of Fur on cyanide tolerance of <i>Pseudomonas pseudoalcaligenes</i> CECT5344. <b>2011</b> , 39, 1854-8	4
2077	Transmembrane collagen receptors. <b>2011</b> , 27, 265-90	219
2076	New Insights in Membrane Lipid Asymmetry in Animal and Plant Cells. <b>2011</b> , 45-64	
2075	Schistosome serine protease inhibitors: parasite defense or homeostasis?. <b>2011</b> , 83, 663-72	21
2074	EPHA1 (EPH receptor A1). <b>2011</b> ,	
2073	Analysis of Organelle Targeting by DIL Domains of the <i>Arabidopsis</i> Myosin XI Family. <b>2011</b> , 2, 72	11
2072	Does speciation between <i>Arabidopsis halleri</i> and <i>Arabidopsis lyrata</i> coincide with major changes in a molecular target of adaptation?. <b>2011</b> , 6, e26872	75

2071	The conserved <i>Candida albicans</i> CA3427 gene product defines a new family of proteins exhibiting the generic periplasmic binding protein structural fold. <b>2011</b> , 6, e18528	1
2070	In silico survey of the mitochondrial protein uptake and maturation systems in the brown alga <i>Ectocarpus siliculosus</i> . <b>2011</b> , 6, e19540	10
2069	Identification of intracellular and plasma membrane calcium channel homologues in pathogenic parasites. <b>2011</b> , 6, e26218	83
2068	Origins and evolution of the HET-s prion-forming protein: searching for other amyloid-forming solenoids. <b>2011</b> , 6, e27342	8
2067	Transcriptional regulation of ribosome components are determined by stress according to cellular compartments in <i>Arabidopsis thaliana</i> . <b>2011</b> , 6, e28070	64
2066	Novel trypanosome <i>Trypanosoma gillettei</i> sp. (Euglenozoa: Trypanosomatidae) and the extension of the host range of <i>Trypanosoma copemani</i> to include the koala ( <i>Phascolarctos cinereus</i> ). <b>2011</b> , 138, 59-70	43
2065	A new principle of oligomerization of plant DEG7 protease based on interactions of degenerated protease domains. <b>2011</b> , 435, 167-74	12
2064	The evolutionary history of Beet necrotic yellow vein virus deduced from genetic variation, geographical origin and spread, and the breaking of host resistance. <b>2011</b> , 24, 207-18	44
2063	Lactic Acid Bacteria in Cereal-Based Products. <b>2011</b> , 245-264	6
2062	Cone arrestin confers cone vision of high temporal resolution in zebrafish larvae. <b>2011</b> , 33, 658-67	59
2061	The actin gene of <i>Hypsibius klebelsbergi</i> (Eutardigrada) [complete sequence and comparison with actin from related and non-related taxa. <b>2011</b> , 49, 84-89	4
2060	Deficiency in the amino aldehyde dehydrogenase encoded by GmAMADH2, the homologue of rice Os2AP, enhances 2-acetyl-1-pyrroline biosynthesis in soybeans ( <i>Glycine max</i> L.). <b>2011</b> , 9, 75-87	36
2059	Overlapping and antagonistic activities of BASIC PENTACYSTEINE genes affect a range of developmental processes in <i>Arabidopsis</i> . <b>2011</b> , 66, 1020-31	35
2058	Specific expression of LATERAL SUPPRESSOR is controlled by an evolutionarily conserved 3' enhancer. <b>2011</b> , 68, 400-12	19
2057	The pyrokinin/ pheromone biosynthesis-activating neuropeptide (PBAN) family of peptides and their receptors in Insecta: evolutionary trace indicates potential receptor ligand-binding domains. <b>2011</b> , 20, 323-34	49
2056	Characterization of five CYP4 genes from Asian citrus psyllid and their expression levels in <i>Candidatus Liberibacter asiaticus</i> -infected and uninfected psyllids. <b>2011</b> , 20, 733-44	56
2055	Genetic basis of infectivity evolution in a bacteriophage. <b>2011</b> , 20, 981-9	77
2054	Multiple <i>Wolbachia</i> determinants control the evolution of cytoplasmic incompatibilities in <i>Culex pipiens</i> mosquito populations. <b>2011</b> , 20, 286-98	40

2053	Identification of a conserved protein involved in anaerobic unsaturated fatty acid synthesis in <i>Neisseria gonorrhoeae</i> : implications for facultative and obligate anaerobes that lack FabA. <b>2011</b> , 82, 489-501	16
2052	Type-2 histone deacetylases as new regulators of elicitor-induced cell death in plants. <b>2011</b> , 192, 127-139	54
2051	Capturing diversity of marine heterotrophic protists: one cell at a time. <b>2011</b> , 5, 674-84	64
2050	Quantification of virus genes provides evidence for seed-bank populations of phycodnaviruses in Lake Ontario, Canada. <b>2011</b> , 5, 810-21	32
2049	Depleted dissolved organic carbon and distinct bacterial communities in the water column of a rapid-flushing coral reef ecosystem. <b>2011</b> , 5, 1374-87	78
2048	Structure of a three-domain sesquiterpene synthase: a prospective target for advanced biofuels production. <b>2011</b> , 19, 1876-84	68
2047	Endosymbiotic bacteria nodulating a new endemic lupine <i>Lupinus mariae-josephi</i> from alkaline soils in Eastern Spain represent a new lineage within the <i>Bradyrhizobium</i> genus. <b>2011</b> , 34, 207-15	37
2046	<i>Bradyrhizobium canariense</i> and <i>Bradyrhizobium japonicum</i> are the two dominant rhizobium species in root nodules of lupin and serradella plants growing in Europe. <b>2011</b> , 34, 368-75	49
2045	Characterization of the 41kDa allergen Asp v 13, a subtilisin-like serine protease from <i>Aspergillus versicolor</i> . <b>2011</b> , 48, 1827-34	9
2044	Isolation and characterization of two strains of <i>Fusarium oxysporum</i> causing potato dry rot in <i>Solanum tuberosum</i> in Colombia. <b>2011</b> , 28, 166-72	8
2043	Eggplant polyphenol oxidase multigene family: cloning, phylogeny, expression analyses and immunolocalization in response to wounding. <b>2011</b> , 72, 2275-87	42
2042	The molecular characterization of an <i>Eimeria</i> and <i>Cryptosporidium</i> detected in Asian seabass ( <i>Lates calcarifer</i> ) cultured in Vietnam. <b>2011</b> , 181, 91-6	19
2041	Identification of novel trypanosome genotypes in native Australian marsupials. <b>2011</b> , 183, 21-30	32
2040	Cloning of an insulin-like androgenic gland factor (IAG) from the blue crab, <i>Callinectes sapidus</i> : implications for eyestalk regulation of IAG expression. <b>2011</b> , 173, 4-10	85
2039	Emergence and evolution of the glycoprotein hormone and neurotrophin gene families in vertebrates. <b>2011</b> , 11, 332	30
2038	Naturally occurring genotype 2b/1a hepatitis C virus in the United States. <b>2011</b> , 8, 458	29
2037	Multi-locus analysis of <i>Giardia duodenalis</i> intra-Assemblage B substitution patterns in cloned culture isolates suggests sub-Assemblage B analyses will require multi-locus genotyping with conserved and variable genes. <b>2011</b> , 41, 495-503	43
2036	Identification of papain-like cysteine proteases from the bovine piroplasm <i>Babesia bigemina</i> and evolutionary relationship of piroplasms C1 family of cysteine proteases. <b>2011</b> , 127, 184-94	10

2035	Identification of zoonotic <i>Cryptosporidium</i> and <i>Giardia</i> genotypes infecting animals in Sydney's water catchments. <b>2011</b> , 128, 138-44	57
2034	Besnoitia besnoiti protein disulfide isomerase (BbPDI): molecular characterization, expression and in silico modelling. <b>2011</b> , 129, 164-74	12
2033	Multiple FtsZ2 isoforms involved in chloroplast division and biogenesis are developmentally associated with thylakoid membranes in Arabidopsis. <b>2011</b> , 585, 1203-8	17
2032	Tissue-specific expression of Sarcoplasmic/Endoplasmic Reticulum Calcium ATPases (ATP2A/SERCA) 1, 2, 3 during <i>Xenopus laevis</i> development. <b>2011</b> , 11, 122-8	8
2031	Mammalian alcohol dehydrogenases--a comparative investigation at gene and protein levels. <b>2011</b> , 191, 2-7	41
2030	Human and rodent aldo-keto reductases from the AKR1B subfamily and their specificity with retinaldehyde. <b>2011</b> , 191, 199-205	22
2029	A preliminary phylogenetic analysis of the Cymbellales based on 18S rDNA gene sequencing. <b>2011</b> , 26, 305-315	34
2028	Uniting germline and stem cells: the function of Piwi proteins and the piRNA pathway in diverse organisms. <b>2011</b> , 45, 447-69	269
2027	Apoptosis-inducing factor: structure, function, and redox regulation. <b>2011</b> , 14, 2545-79	201
2026	The duplicated rainbow trout ( <i>Oncorhynchus mykiss</i> ) T-box transcription factors 1, tbx1a and tbx1b, are up-regulated during testicular development. <b>2011</b> , 78, 172-80	17
2025	Transfer of a chromosomal Maverick to endogenous bracovirus in a parasitoid wasp. <b>2011</b> , 139, 489-96	47
2024	Characterization of a tryptophan 6-halogenase from <i>Streptomyces toxytricini</i> . <b>2011</b> , 33, 1607-13	46
2023	Identification of new members within suites of amphiphilic marine siderophores. <b>2011</b> , 24, 85-92	31
2022	Metabolism of soluble sugars in developing melon fruit: a global transcriptional view of the metabolic transition to sucrose accumulation. <b>2011</b> , 76, 1-18	78
2021	Evolutionary history of the GH3 family of acyl adenylases in rosids. <b>2011</b> , 76, 489-505	51
2020	Isolation and Characterization of Novel $\beta$ -Cyanoalanine Synthase and Cysteine Synthase Genes from Cassava. <b>2011</b> , 29, 514-524	6
2019	Evolution of enzymes involved in the photorespiratory 2-phosphoglycolate cycle from cyanobacteria via algae toward plants. <b>2011</b> , 109, 103-14	37
2018	Histological and molecular studies of species of <i>Myxobolus</i> B�schli, 1882 (Myxozoa: Myxosporidia) in the gills of <i>Abramis</i> , <i>Blicca</i> and <i>Vimba</i> spp. (Cyprinidae), with the redescription of <i>M. macrocapsularis</i> Reuss, 1906 and <i>M. bliccae</i> Donec & Tozzyakova, 1984. <b>2011</b> , 79, 109-21	16

2017	Cloning and functional characterization of $\Delta$ -phellandrene synthase from <i>Lavandula angustifolia</i> . <b>2011</b> , 233, 685-96	51
2016	<i>Kudoa iwatai</i> and two novel <i>Kudoa</i> spp., <i>K. trachuri</i> n. sp. and <i>K. thunni</i> n. sp. (Myxosporea: Multivalvulida), from daily consumed marine fish in western Japan. <b>2011</b> , 108, 913-26	41
2015	A homology model for <i>Clostridium difficile</i> methionyl tRNA synthetase: active site analysis and docking interactions. <b>2011</b> , 17, 1679-93	9
2014	<i>Trichomonasvirus</i> : a new genus of protozoan viruses in the family Totiviridae. <b>2011</b> , 156, 171-9	64
2013	<i>Diodia vein chlorosis virus</i> is a group-1 crinivirus. <b>2011</b> , 156, 2033-7	8
2012	The phylogenetic position of an <i>Armillaria</i> species from Amami-Oshima, a subtropical island of Japan, based on elongation factor and ITS sequences. <b>2011</b> , 52, 53-58	13
2011	Component identification of electron transport chains in curdlan-producing <i>Agrobacterium</i> sp. ATCC 31749 and its genome-specific prediction using comparative genome and phylogenetic trees analysis. <b>2011</b> , 38, 667-77	8
2010	Molecular evolution of mollusc shell proteins: insights from proteomic analysis of the edible mussel <i>Mytilus</i> . <b>2011</b> , 72, 531-46	57
2009	Two polymorphic residues account for the differences in DNA binding and transcriptional activation by NF- $\kappa$ B proteins encoded by naturally occurring alleles in <i>Nematostella vectensis</i> . <b>2011</b> , 73, 325-36	7
2008	Identification of sulfur-cycle prokaryotes in a low-sulfate lake (Lake Pavin) using <i>aprA</i> and 16S rRNA gene markers. <b>2011</b> , 61, 313-27	35
2007	A new phenol oxidase produced during melanogenesis and encystment stage in the nitrogen-fixing soil bacterium <i>Azotobacter chroococcum</i> . <b>2011</b> , 90, 1037-49	14
2006	A thermostable feruloyl-esterase from the hemicellulolytic bacterium <i>Thermobacillus xylanilyticus</i> releases phenolic acids from non-pretreated plant cell walls. <b>2011</b> , 90, 541-52	33
2005	Perchlorate degradation using an indigenous microbial consortium predominantly <i>Burkholderia</i> sp. <b>2011</b> , 187, 133-9	27
2004	Mining <i>Dictyoglomus turgidum</i> for enzymatically active carbohydrases. <b>2011</b> , 163, 205-14	18
2003	Conserved domains, conserved residues, and surface cavities of C-reactive protein (CRP). <b>2011</b> , 165, 497-505	8
2002	Characterization of a KCS-like KASII from <i>Jessenia bataua</i> that elongates saturated and monounsaturated stearic acids in <i>Arabidopsis thaliana</i> . <b>2011</b> , 48, 97-108	4
2001	Evolutionary process of a tetranucleotide microsatellite locus in <i>Acipenseriformes</i> . <b>2011</b> , 90, 217-27	3
2000	The glutamine synthetase gene family in <i>Populus</i> . <b>2011</b> , 11, 119	50

1999	The elicitation of a systemic resistance by <i>Pseudomonas putida</i> BTP1 in tomato involves the stimulation of two lipoxygenase isoforms. <b>2011</b> , 11, 29	63
1998	The structure of the Ca <sup>2+</sup> -binding, glycosylated F-spondin domain of F-spondin - A C2-domain variant in an extracellular matrix protein. <b>2011</b> , 11, 22	9
1997	Horizontal gene transfer of microbial cellulases into nematode genomes is associated with functional assimilation and gene turnover. <b>2011</b> , 11, 13	83
1996	Evolutionary changes in the notochord genetic toolkit: a comparative analysis of notochord genes in the ascidian <i>Ciona</i> and the larvacean <i>Oikopleura</i> . <b>2011</b> , 11, 21	23
1995	Evolutionary relationships and diversification of <i>barhl</i> genes within retinal cell lineages. <b>2011</b> , 11, 340	14
1994	Novel transposable elements from <i>Anopheles gambiae</i> . <b>2011</b> , 12, 260	16
1993	Role of a Fur homolog in iron metabolism in <i>Nitrosomonas europaea</i> . <b>2011</b> , 11, 37	13
1992	Genome-wide analysis of the POU genes in medaka, focusing on expression in the optic tectum. <b>2011</b> , 240, 2354-63	8
1991	Cellular uptake of molybdenum and tungsten. <b>2011</b> , 255, 1117-1128	33
1990	Biochemical and phylogenetic analysis of CEBiP-like LysM domain-containing extracellular proteins in higher plants. <b>2011</b> , 49, 709-20	29
1989	Identification of novel <i>Cryptosporidium</i> genotypes in kangaroos from Western Australia. <b>2011</b> , 179, 22-7	23
1988	Conceptual framework and pilot study to benchmark phylogenomic databases based on reference gene trees. <b>2011</b> , 12, 423-35	27
1987	VasH is a transcriptional regulator of the type VI secretion system functional in endemic and pandemic <i>Vibrio cholerae</i> . <b>2011</b> , 193, 6471-82	51
1986	Tetherin antagonism by primate lentiviral nef proteins. <b>2011</b> , 9, 514-23	10
1985	Effective arbuscular mycorrhizal fungi in the roots of <i>Tetraclinis articulata</i> and <i>Lavandula multifida</i> in Moroccan <i>Tetraclinis</i> woodlands. <b>2011</b> , 2, 79-86	2
1984	MtNOA1/RIF1 modulates <i>Medicago truncatula</i> - <i>Sinorhizobium meliloti</i> nodule development without affecting its nitric oxide content. <b>2011</b> , 62, 939-48	17
1983	The breadth of antiviral activity of Apobec3DE in chimpanzees has been driven by positive selection. <b>2011</b> , 85, 11361-71	45
1982	Gentisate 1,2-dioxygenase, in the third naphthalene catabolic gene cluster of <i>Polaromonas naphthalenivorans</i> CJ2, has a role in naphthalene degradation. <b>2011</b> , 157, 2891-2903	18

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1910	Genomic and antigenic characterization of monomeric autotransporters of <i>Haemophilus parasuis</i> : an ongoing process of reductive evolution. <b>2012</b> , 158, 436-447	5

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1889	<i>Posthodiplostomum</i> sp. Metacercariae in the trunk muscle of northern snakeheads ( <i>Channa argus</i> ) from the Fushinogawa River, Yamaguchi, Japan. <b>2012</b> , 74, 1367-72	10
1888	Phylogenetically diverse groups of <i>Bradyrhizobium</i> isolated from nodules of <i>Crotalaria</i> spp., <i>Indigofera</i> spp., <i>Erythrina brucei</i> and <i>Glycine max</i> growing in Ethiopia. <b>2012</b> , 65, 595-609	43
1887	Genetic diversity, symbiotic evolution, and proposed infection process of <i>Bradyrhizobium</i> strains isolated from root nodules of <i>Aeschynomene americana</i> L. in Thailand. <b>2012</b> , 78, 6236-50	34
1886	<i>Paramecium bursaria</i> chlorella virus 1 proteome reveals novel architectural and regulatory features of a giant virus. <b>2012</b> , 86, 8821-34	49
1885	A RAD52-like single-stranded DNA binding protein affects mitochondrial DNA repair by recombination. <b>2012</b> , 72, 423-35	34
1884	Eukaryotic and prokaryotic microbial communities during microalgal biomass production. <b>2012</b> , 124, 387-93	36
1883	Fife, a <i>Drosophila</i> Piccolo-RIM homolog, promotes active zone organization and neurotransmitter release. <b>2012</b> , 32, 17048-58	30
1882	Comparative modeling of 25-hydroxycholesterol-7 $\beta$ -hydroxylase (CYP7B1): ligand binding and analysis of hereditary spastic paraplegia type 5 CYP7B1 mutations. <b>2012</b> , 18, 441-53	10
1881	Expression of GFP-mTalin reveals an actin-related role for the Arabidopsis Class II formin AtFH12. <b>2012</b> , 56, 431-440	9
1880	The genome of the polar eukaryotic microalga <i>Coccomyxa subellipsoidea</i> reveals traits of cold adaptation. <b>2012</b> , 13, R39	211
1879	Identification, gene cloning and expression of serine proteases in the extracellular medium of <i>Nicotiana tabacum</i> cells. <b>2012</b> , 31, 1959-68	14
1878	An integrated approach to demonstrating the ANR pathway of proanthocyanidin biosynthesis in plants. <b>2012</b> , 236, 901-18	19
1877	Molecular characterization of an N-acetylgalactosaminidase from <i>Clonorchis sinensis</i> . <b>2012</b> , 111, 2149-56	2
1876	Biotic factor does not limit operational pH in packed-bed bioreactor for ferrous iron biooxidation. <b>2012</b> , 39, 1851-8	12
1875	Multiple <i>Cryptosporidium</i> genotypes detected in wild black rats ( <i>Rattus rattus</i> ) from northern Australia. <b>2012</b> , 131, 404-12	25
1874	Molecular characterization of <i>Eimeria</i> species in macropods. <b>2012</b> , 132, 216-21	26

1873	Functional characterization of TcCYC2 cyclin from <i>Trypanosoma cruzi</i> . <b>2012</b> , 132, 537-45	8
1872	Comparative genomic analyses of the Taylorellae. <b>2012</b> , 159, 195-203	6
1871	An eight-year investigation of bovine livestock fecal microbiota. <b>2012</b> , 160, 369-77	23
1870	The bacterium <i>Pantoea stewartii</i> uses two different type III secretion systems to colonize its plant host and insect vector. <b>2012</b> , 78, 6327-36	53
1869	Can computational biology improve the phylogenetic analysis of insulin?. <b>2012</b> , 108, 860-72	8
1868	Description of <i>Eimeria pavonina</i> (coccidia) of peafowl in Germany. <b>2012</b> , 56, 238-42	8
1867	Effector-mediated suppression of chitin-triggered immunity by <i>magnaporthe oryzae</i> is necessary for rice blast disease. <b>2012</b> , 24, 322-35	338
1866	Chemical proteomic analysis reveals the drugability of the kinome of <i>Trypanosoma brucei</i> . <b>2012</b> , 7, 1858-65	47
1865	Phylogeny and Clitellar Morphology of the Giant Amazonian Earthworm, <i>Rhinodrilus priollii</i> (Oligochaeta: Glossoscolecidae). <b>2012</b> , 167, 384-395	4
1864	An evolutionary comparison of leucine-rich repeat containing G protein-coupled receptors reveals a novel LGR subtype. <b>2012</b> , 34, 193-200	60
1863	CaPrx, a <i>Coffea arabica</i> gene encoding a putative class III peroxidase induced by root-knot nematode infection. <b>2012</b> , 191-192, 35-42	14
1862	Molecular characterization of prostaglandin F receptor (FP) and E receptor subtype 1 (EP <sub>1</sub> ) in zebrafish. <b>2012</b> , 178, 216-26	7
1861	Conservation of Gbx genes from EHG homeobox in bivalve molluscs. <b>2012</b> , 63, 213-7	9
1860	ITS2 database IV: interactive taxon sampling for internal transcribed spacer 2 based phylogenies. <b>2012</b> , 63, 585-8	112
1859	Insights into the phylogenetic and taxonomy of philasterid ciliates (Protozoa, Ciliophora, Scuticociliatia) based on analyses of multiple molecular markers. <b>2012</b> , 64, 308-17	53
1858	Arsenic biomethylation by photosynthetic organisms. <b>2012</b> , 17, 155-62	168
1857	<i>Carboxydotherrmus pertinax</i> sp. nov., a thermophilic, hydrogenogenic, Fe(III)-reducing, sulfur-reducing carboxydophilic bacterium from an acidic hot spring. <b>2012</b> , 62, 1692-1697	33
1856	Detection and molecular characterization of bovine leukemia viruses from Jordan. <b>2012</b> , 157, 2343-8	10

1855	Rethinking the evolution of single-stranded RNA (ssRNA) bacteriophages based on genomic sequences and characterizations of two R-plasmid-dependent ssRNA phages, C-1 and Hgal1. <b>2012</b> , 194, 5073-9	16
1854	A proteomics approach for the identification and cloning of monoclonal antibodies from serum. <b>2012</b> , 30, 447-52	136
1853	Dinoflagellate tandem array gene transcripts are highly conserved and not polycistronic. <b>2012</b> , 109, 15793-8	61
1852	Non-heme manganese catalase--the 'other' catalase. <b>2012</b> , 525, 111-20	84
1851	Cryptic introduction of the red alga <i>Polysiphonia morrowii</i> Harvey (Rhodomelaceae, Rhodophyta) in the North Atlantic Ocean highlighted by a DNA barcoding approach. <b>2012</b> , 100, 67-71	30
1850	DNA barcoding to confirm morphological traits and determine relative abundance of burrowing mayfly species in western Lake Erie. <b>2012</b> , 38, 180-186	8
1849	A lepidopteran aminoacylase (L-ACY-1) in <i>Heliothis virescens</i> (Lepidoptera: Noctuidae) gut lumen hydrolyzes fatty acid-amino acid conjugates, elicitors of plant defense. <b>2012</b> , 42, 32-40	10
1848	The carboxylesterase/cholinesterase gene family in invertebrate deuterostomes. <b>2012</b> , 7, 83-93	6
1847	A telomerase-associated RecQ protein-like helicase resolves telomeric G-quadruplex structures during replication. <b>2012</b> , 497, 147-54	22
1846	ESTs library from embryonic stages reveals tubulin and reflectin diversity in <i>Sepia officinalis</i> (Mollusca [Cephalopoda]). <b>2012</b> , 498, 203-11	22
1845	Evidence against fluvial seeding of recurrent toxic blooms of <i>Microcystis</i> spp. in Lake Erie's western basin. <b>2012</b> , 15, 71-77	29
1844	Histone deacetylase-4 is required during early cranial neural crest development for generation of the zebrafish palatal skeleton. <b>2012</b> , 12, 16	30
1843	Evolution of the PWWP-domain encoding genes in the plant and animal lineages. <b>2012</b> , 12, 101	13
1842	Expansion of the gamma-gliadin gene family in <i>Aegilops</i> and <i>Triticum</i> . <b>2012</b> , 12, 215	21
1841	Phylogenomics of the benzoxazinoid biosynthetic pathway of Poaceae: gene duplications and origin of the Bx cluster. <b>2012</b> , 12, 64	60
1840	B chromosome in the beetle <i>Coprophanaeus cyanescens</i> (Scarabaeidae): emphasis in the organization of repetitive DNA sequences. <b>2012</b> , 13, 96	8
1839	Genetic diversity within the genus <i>Francisella</i> as revealed by comparative analyses of the genomes of two North American isolates from environmental sources. <b>2012</b> , 13, 422	11
1838	The <i>Saccharomyces cerevisiae</i> Hot1p regulated gene YHR087W (HGI1) has a role in translation upon high glucose concentration stress. <b>2012</b> , 13, 19	17

1837	Temporal and spatial expression of polygalacturonase gene family members reveals divergent regulation during fleshy fruit ripening and abscission in the monocot species oil palm. <b>2012</b> , 12, 150	36
1836	Quantitative RT-PCR based platform for rapid quantification of the transcripts of highly homologous multigene families and their members during grain development. <b>2012</b> , 12, 184	14
1835	Combinatorial analysis of lupulin gland transcription factors from R2R3Myb, bHLH and WDR families indicates a complex regulation of chs_H1 genes essential for prenylflavonoid biosynthesis in hop ( <i>Humulus Lupulus</i> L.). <b>2012</b> , 12, 27	30
1834	Development of an embryonic skeletogenic mesenchyme lineage in a sea cucumber reveals the trajectory of change for the evolution of novel structures in echinoderms. <b>2012</b> , 3, 17	46
1833	Cloning of aquaporin-1 of the blue crab, <i>Callinectes sapidus</i> : its expression during the larval development in hyposalinity. <b>2012</b> , 8, 21	19
1832	Isomucor ( <i>Mucoromycotina</i> ): a new genus from a Cerrado reserve in state of Sao Paulo, Brazil. <b>2012</b> , 104, 232-41	15
1831	The BTB-ZF transcription factors. <b>2012</b> , 11, 3358-69	73
1830	Perception of Ethylene by Plants [Ethylene Receptors. <b>2012</b> , 117-145	22
1829	Cellulose utilization in forest litter and soil: identification of bacterial and fungal decomposers. <b>2012</b> , 80, 735-46	286
1828	The fungal $\epsilon$ -aminoadipate pathway for lysine biosynthesis requires two enzymes of the aconitase family for the isomerization of homocitrate to homoisocitrate. <b>2012</b> , 86, 1508-30	31
1827	Characterization of poxvirus-encoded proteins that regulate innate immune signaling pathways. <b>2012</b> , 890, 273-88	3
1826	Phylogenetic approaches to natural product structure prediction. <b>2012</b> , 517, 161-82	25
1825	Molecular cloning and functional characterization of borneol dehydrogenase from the glandular trichomes of <i>Lavandula x intermedia</i> . <b>2012</b> , 528, 163-70	36
1824	Microbial community diversity and composition across a gradient of soil acidity in spruce-fir forests of the southern Appalachian Mountains. <b>2012</b> , 61, 60-68	29
1823	Spatio-temporal regulation of the OsHFP gene promoter establishes the involvement of this protein in rice anther development. <b>2012</b> , 426, 280-5	1
1822	The PaAlr1 magnesium transporter is required for ascospore development in <i>Podospora anserina</i> . <b>2012</b> , 116, 1111-8	7
1821	Putative chitin synthases from <i>Branchiostoma floridae</i> show extracellular matrix-related domains and mosaic structures. <b>2012</b> , 10, 197-207	4
1820	Cloning, expression, and characterization of a novel <i>Opisthorchis viverrini</i> calcium-binding EF-hand protein. <b>2012</b> , 61, 94-100	22

1819	Functional characterization of wheat copalyl diphosphate synthases sheds light on the early evolution of labdane-related diterpenoid metabolism in the cereals. <b>2012</b> , 84, 40-6	49
1818	Molecular characterization of a recent Newcastle disease virus outbreak in Jordan. <b>2012</b> , 93, 1512-4	10
1817	Isolation of antibody V(D)J sequences from single cell sorted rhesus macaque B cells. <b>2012</b> , 386, 85-93	56
1816	Characterization of transport proteins for aromatic compounds derived from lignin: benzoate derivative binding proteins. <b>2012</b> , 423, 555-75	22
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1737	Impact of rotavirus vaccine on rotavirus genotypes and caliciviruses circulating in French cattle. <b>2013</b> , 31, 2433-40	13
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1715	Crop seed oil bodies: from challenges in protein identification to an emerging picture of the oil body proteome. <b>2013</b> , 13, 1836-49	38
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1703	Abolishing activity against ascorbate in a cytosolic ascorbate peroxidase from switchgrass. <b>2013</b> , 94, 45-52	7
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1700	Emergence and expansion of TFIIB-like factors in the plant kingdom. <b>2013</b> , 526, 30-8	10
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1696	Nitrogen-cycling bacteria and archaea in the carbonate sediment of a coral reef. <b>2013</b> , 11, 472-84	12
1695	The SLC45 gene family of putative sugar transporters. <b>2013</b> , 34, 655-60	28
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1691	A new subgroup of the IS3 family and properties of its representative member ISPPy1. <b>2013</b> , 159, 1900-1910	4
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1688	Comparative characterization of two marine alginate lyases from <i>Zobellia galactanivorans</i> reveals distinct modes of action and exquisite adaptation to their natural substrate. <b>2013</b> , 288, 23021-37	122
1687	L-amino acid oxidase as biocatalyst: a dream too far?. <b>2013</b> , 97, 9323-41	88
1686	Phylogeny and expression of canonical transient receptor potential (TRPC) genes in developing zebrafish. <b>2013</b> , 242, 1427-41	13
1685	Molecular basis for benzimidazole resistance from a novel $\beta$ -tubulin binding site model. <b>2013</b> , 45, 26-37	40
1684	Functional modeling identifies paralogous solanesyl-diphosphate synthases that assemble the side chain of plastoquinone-9 in plastids. <b>2013</b> , 288, 27594-27606	33
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1681	Identification of a novel pentatricopeptide repeat subfamily with a C-terminal domain of bacterial origin acquired via ancient horizontal gene transfer. <b>2013</b> , 6, 525	4
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1675	Arabidopsis YELLOW STRIPE-LIKE7 (YSL7) and YSL8 transporters mediate uptake of <i>Pseudomonas</i> virulence factor syringolin A into plant cells. <b>2013</b> , 26, 1302-11	15
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1667	Structure and function of invertebrate Kunitz serine protease inhibitors. <b>2013</b> , 39, 219-27	77
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1665	Functional characterization of proanthocyanidin pathway enzymes from tea and their application for metabolic engineering. <b>2013</b> , 161, 1103-16	93
1664	Bifidobacterial succession and correlation networks in a large unselected cohort of mothers and their children. <b>2013</b> , 79, 497-507	59
1663	The circadian clock network in the brain of different <i>Drosophila</i> species. <b>2013</b> , 521, 367-88	39
1662	A molecular contribution to the assessment of the <i>Tricholoma equestre</i> species complex. <b>2013</b> , 117, 145-55	16
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1660	Detection and expression of genes for phosphorus metabolism in picocyanobacteria from the Laurentian Great Lakes. <b>2013</b> , 39, 612-621	12
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1658	The eosinophil chemoattractant 5-oxo-ETE and the OXE receptor. <b>2013</b> , 52, 651-65	57

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1655	Prediction and analysis of higher-order coiled-coils: insights from proteins of the extracellular matrix, tenascins and thrombospondins. <b>2013</b> , 45, 2392-401	11
1654	Duplication and familial promiscuity within the proteasome lid and COP9 signalosome kin complexes. <b>2013</b> , 203-204, 89-97	12
1653	YeastIP: a database for identification and phylogeny of <i>Saccharomycotina</i> yeasts. <b>2013</b> , 13, 117-25	32
1652	Diversity in the fertilization envelopes of echinoderms. <b>2013</b> , 15, 28-40	18
1651	The shell-forming proteome of <i>Lottia gigantea</i> reveals both deep conservations and lineage-specific novelties. <b>2013</b> , 280, 214-32	78
1650	The molecular and enzymatic basis of bitter/non-bitter flavor of citrus fruit: evolution of branch-forming rhamnosyltransferases under domestication. <b>2013</b> , 73, 166-78	54
1649	Influence of stress hormones on the auxin homeostasis in <i>Brassica rapa</i> seedlings. <b>2013</b> , 32, 1031-42	9
1648	Targeted search for actinomycetes from nearshore and deep-sea marine sediments. <b>2013</b> , 84, 510-8	34
1647	Genetic and morphological studies of <i>Nothobranchius</i> (Cyprinodontiformes) from Malawi with description of <i>Nothobranchius wattersi</i> sp. nov. <b>2013</b> , 82, 165-88	4
1646	Pathogen espionage: multiple bacterial adrenergic sensors eavesdrop on host communication systems. <b>2013</b> , 87, 455-65	61
1645	Modular evolution of TnGBSs, a new family of integrative and conjugative elements associating insertion sequence transposition, plasmid replication, and conjugation for their spreading. <b>2013</b> , 195, 1979-90	36
1644	Diversity and evolutionary relationships of T7-like podoviruses infecting marine cyanobacteria. <b>2013</b> , 15, 1476-91	51
1643	Occurrence of the New York Strain of Soil-Borne Wheat Mosaic Virus in Northern Germany. <b>2013</b> , 161, 290-292	2
1642	Lactalbumin. <b>2013</b> , 261-273	8
1641	Comparative analysis of 126 cyanobacterial genomes reveals evidence of functional diversity among homologs of the redox-regulated CP12 protein. <b>2013</b> , 161, 824-35	36
1640	Signaling governed by G proteins and cAMP is crucial for growth, secondary metabolism and sexual development in <i>Fusarium fujikuroi</i> . <b>2013</b> , 8, e58185	44

1639	Aureivirga marina gen. nov., sp. nov., a marine bacterium isolated from the Mediterranean sponge <i>Axinella verrucosa</i> . <b>2013</b> , 63, 1089-1095	3
1638	A comparison of the signalling properties of two tyramine receptors from <i>Drosophila</i> . <b>2013</b> , 125, 37-48	49
1637	The characterisation of xyloglucanase inhibitors from <i>Humulus lupulus</i> . <b>2013</b> , 90, 70-7	2
1636	Soil metatranscriptomics for mining eukaryotic heavy metal resistance genes. <b>2013</b> , 15, 2829-40	29
1635	A thermophilic, hydrogenogenic and carboxydophilic bacterium, <i>Calderihabitans maritimus</i> gen. nov., sp. nov., from a marine sediment core of an undersea caldera. <b>2013</b> , 63, 3602-3608	28
1634	Isolation of Panels of Llama Single-Domain Antibody Fragments Binding All Nine Neuraminidase Subtypes of Influenza A Virus. <b>2013</b> , 2, 168-192	7
1633	Does the <i>Cyanophora paradoxa</i> genome revise our view on the evolution of photorespiratory enzymes?. <b>2013</b> , 15, 759-68	13
1632	Evolutionary and mechanistic insights into substrate and product accommodation of CTP:phosphocholine cytidyltransferase from <i>Plasmodium falciparum</i> . <b>2013</b> , 280, 3132-48	15
1631	Neurodegeneration in a <i>Drosophila</i> model for the function of TMCC2, an amyloid protein precursor-interacting and apolipoprotein E-binding protein. <b>2013</b> , 8, e55810	15
1630	New linear lipopeptides produced by <i>Pseudomonas cichorii</i> SF1-54 are involved in virulence, swarming motility, and biofilm formation. <b>2013</b> , 26, 585-98	37
1629	The PsbO homolog from <i>Symbiodinium kawagutii</i> (Dinophyceae) characterized using biochemical and molecular methods. <b>2013</b> , 115, 167-78	6
1628	Farinin: characterization of a novel wheat endosperm protein belonging to the prolamin superfamily. <b>2013</b> , 61, 2407-17	20
1627	Identification of <i>Plasmopara viticola</i> genes potentially involved in pathogenesis on grapevine suggests new similarities between oomycetes and true fungi. <b>2013</b> , 103, 1035-44	10
1626	Estrogen receptor function and regulation in fish and other vertebrates. <b>2013</b> , 192, 15-24	117
1625	Mass trees: a new phylogenetic approach and algorithm to chart evolutionary history with mass spectrometry. <b>2013</b> , 85, 5475-82	20
1624	Convergence and divergence during the adaptation to similar environments by an Australian groundsel. <b>2013</b> , 67, 2515-29	49
1623	Comparative proteomics identifies the cell-associated lethality of <i>M. tuberculosis</i> RelBE-like toxin-antitoxin complexes. <b>2013</b> , 21, 627-37	17
1622	The <i>Hordeum vulgare</i> signalling protein MAP kinase 4 is a regulator of biotic and abiotic stress responses. <b>2013</b> , 170, 1353-9	20

1621	Genomic evidence for the parallel evolution of coastal forms in the <i>Senecio lautus</i> complex. <b>2013</b> , 22, 2941-52	80
1620	Expressed sequence tags and molecular cloning and characterization of gene encoding pinoresinol/lariciresinol reductase from <i>Podophyllum hexandrum</i> . <b>2013</b> , 250, 1239-49	25
1619	Nitrilase Activity Screening on Structurally Diverse Substrates: Providing Biocatalytic Tools for Organic Synthesis. <b>2013</b> , 355, 1763-1779	58
1618	Molecular cloning and biochemical characterization of two novel Neu3 sialidases, neu3a and neu3b, from medaka ( <i>Oryzias latipes</i> ). <b>2013</b> , 95, 280-9	15
1617	Horizontal transfer of bacterial polyphosphate kinases to eukaryotes: implications for the ice age and land colonisation. <b>2013</b> , 6, 221	22
1616	Structure, dynamics, and specificity of endoglucanase D from <i>Clostridium cellulovorans</i> . <b>2013</b> , 425, 4267-85	30
1615	Molecular cloning and characterization of the corticoid receptors from the American alligator. <b>2013</b> , 365, 153-61	15
1614	Outcome of infection of C57BL/6 IL-10(-/-) mice with <i>Campylobacter jejuni</i> strains is correlated with genome content of open reading frames up- and down-regulated in vivo. <b>2013</b> , 54, 1-19	13
1613	A nondiscriminating glutamyl-tRNA synthetase in the plasmodium apicoplast: the first enzyme in an indirect aminoacylation pathway. <b>2013</b> , 288, 32539-32552	16
1612	<i>Photorhabdus luminescens</i> subsp. <i>noenieputensis</i> subsp. nov., a symbiotic bacterium associated with a novel <i>Heterorhabditis</i> species related to <i>Heterorhabditis indica</i> . <b>2013</b> , 63, 1853-1858	30
1611	Structural and functional characterization of annexin 1 from <i>Medicago truncatula</i> . <b>2013</b> , 73, 56-62	9
1610	Genetic Diversity of the Photobiont of the Bipolar Lichen-Forming Ascomycete <i>Xanthomendoza borealis</i> . <b>2013</b> , 26, 307-322	7
1609	Microbial community diversity in a 21-year-old temperate alley cropping system. <b>2013</b> , 87, 1031-1041	15
1608	Diversity of Planctomycetes in iron-hydroxide deposits from the Arctic Mid Ocean Ridge (AMOR) and description of <i>Bythopirellula goksoyri</i> gen. nov., sp. nov., a novel Planctomycete from deep sea iron-hydroxide deposits. <b>2013</b> , 104, 569-84	31
1607	Hiding Behind Gaudy Looks, a New Central American Species of Phareas (Hesperiidae: Eudaminae). <b>2013</b> , 67, 161-174	8
1606	Breast-cancer anti-estrogen resistance 4 (BCAR4) encodes a novel maternal-effect protein in bovine and is expressed in the oocyte of humans and other non-rodent mammals. <b>2013</b> , 28, 430-41	13
1605	A thrombospondin in the anthozoan <i>Nematostella vectensis</i> is associated with the nervous system and upregulated during regeneration. <b>2013</b> , 2, 217-26	9
1604	Pollination induces autophagy in petunia petals via ethylene. <b>2013</b> , 64, 1111-20	52

1603	Functional characterization of type-B response regulators in the Arabidopsis cytokinin response. <b>2013</b> , 162, 212-24	63
1602	Trans-Golgi network localized ECHIDNA/Ypt interacting protein complex is required for the secretion of cell wall polysaccharides in Arabidopsis. <b>2013</b> , 25, 2633-46	95
1601	Overexpression of the poplar NF-YB7 transcription factor confers drought tolerance and improves water-use efficiency in Arabidopsis. <b>2013</b> , 64, 4589-601	80
1600	Convergence and divergence in the evolution of the APOBEC3G-Vif interaction reveal ancient origins of simian immunodeficiency viruses. <b>2013</b> , 9, e1003135	95
1599	Functional analysis of the interdependence between DNA uptake sequence and its cognate ComP receptor during natural transformation in <i>Neisseria</i> species. <b>2013</b> , 9, e1004014	36
1598	Viral proteins originated de novo by overprinting can be identified by codon usage: application to the "gene nursery" of Deltaretroviruses. <b>2013</b> , 9, e1003162	52
1597	Phylogenetic study of polyketide synthases and nonribosomal peptide synthetases involved in the biosynthesis of mycotoxins. <b>2013</b> , 5, 717-42	63
1596	Three new records of penicillium species isolated from insect specimens in Korea. <b>2013</b> , 41, 116-9	2
1595	Plant-symbiotic fungi as chemical engineers: multi-genome analysis of the clavicipitaceae reveals dynamics of alkaloid loci. <b>2013</b> , 9, e1003323	295
1594	A nuclear calcium-sensing pathway is critical for gene regulation and salt stress tolerance in Arabidopsis. <b>2013</b> , 9, e1003755	52
1593	Co-expression of VAL- and TMT-opsins uncovers ancient photosensory interneurons and motoneurons in the vertebrate brain. <b>2013</b> , 11, e1001585	44
1592	Different CHD chromatin remodelers are required for expression of distinct gene sets and specific stages during development of <i>Dictyostelium discoideum</i> . <b>2013</b> , 140, 4926-36	7
1591	Æubulin is essential in <i>Tetrahymena thermophila</i> for the assembly and stability of basal bodies. <b>2013</b> , 126, 3441-51	26
1590	Cytological characterization and allelism testing of anther developmental mutants identified in a screen of maize male sterile lines. <b>2013</b> , 3, 231-49	37
1589	Novel 16S rRNA methyltransferase RmtH produced by <i>Klebsiella pneumoniae</i> associated with war-related trauma. <b>2013</b> , 57, 2413-6	47
1588	Evolution of dopamine receptor genes of the D1 class in vertebrates. <b>2013</b> , 30, 833-43	32
1587	The genome of the mustard leaf beetle encodes two active xylanases originally acquired from bacteria through horizontal gene transfer. <b>2013</b> , 280, 20131021	58
1586	Insights into ß-lactamases from <i>Burkholderia</i> species, two phylogenetically related yet distinct resistance determinants. <b>2013</b> , 288, 19090-102	40

1585	Coproduction of 16S rRNA methyltransferase RmtD or RmtG with KPC-2 and CTX-M group extended-spectrum $\beta$ -lactamases in <i>Klebsiella pneumoniae</i> . <b>2013</b> , 57, 2397-400	70
1584	<i>Luteivirga sdotyamensis</i> gen. nov., sp. nov., a novel bacterium of the phylum Bacteroidetes isolated from the Mediterranean sponge <i>Axinella polypoides</i> . <b>2013</b> , 63, 939-945	4
1583	Isolation of optically targeted single bacteria by application of fluidic force microscopy to aerobic anoxygenic phototrophs from the phyllosphere. <b>2013</b> , 79, 4895-905	34
1582	Amino acid racemization in <i>Pseudomonas putida</i> KT2440. <b>2013</b> , 195, 5016-24	37
1581	Molecular cloning and characterization of novel glutamate-gated chloride channel subunits from <i>Schistosoma mansoni</i> . <b>2013</b> , 9, e1003586	26
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1579	p0071/PKP4, a multifunctional protein coordinating cell adhesion with cytoskeletal organization. <b>2013</b> , 394, 1005-17	22
1578	Sfr13, a member of a large family of asymmetrically localized Sfi1-repeat proteins, is important for basal body separation and stability in <i>Tetrahymena thermophila</i> . <b>2013</b> , 126, 1659-71	12
1577	myo-inositol and D-ribose ligand discrimination in an ABC periplasmic binding protein. <b>2013</b> , 195, 2379-88	12
1576	Diversity, community composition, and dynamics of nonpigmented and late-pigmenting rapidly growing mycobacteria in an urban tap water production and distribution system. <b>2013</b> , 79, 5498-508	22
1575	Multilocus sequence typing reveals evidence of homologous recombination linked to antibiotic resistance in the genus <i>Salinispora</i> . <b>2013</b> , 79, 5997-6005	27
1574	Population structure of <i>Cynara cardunculus</i> complex and the origin of the conspecific crops artichoke and cardoon. <b>2013</b> , 112, 855-65	36
1573	Defining specificity determinants of cGMP mediated gustatory sensory transduction in <i>Caenorhabditis elegans</i> . <b>2013</b> , 194, 885-901	28
1572	Liver retinol transporter and receptor for serum retinol-binding protein (RBP4). <b>2013</b> , 288, 1250-65	85
1571	ABF transcription factors of <i>Thellungiella salsuginea</i> : Structure, expression profiles and interaction with 14-3-3 regulatory proteins. <b>2013</b> , 8, e22672	17
1570	Characterization of the phosphofructokinase gene family in rice and its expression under oxygen deficiency stress. <b>2013</b> , 4, 125	43
1569	Roles of N-terminal fatty acid acylations in membrane compartment partitioning: Arabidopsis h-type thioredoxins as a case study. <b>2013</b> , 25, 1056-77	57
1568	Canine DLA-79 gene: an improved typing method, identification of new alleles and its role in graft rejection and graft-versus-host disease. <b>2013</b> , 81, 204-11	8

1567	A broad specificity nucleoside kinase from <i>Thermoplasma acidophilum</i> . <b>2013</b> , 81, 568-82	7
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1565	MoeH5: a natural glycorandomizer from the moenomycin biosynthetic pathway. <b>2013</b> , 90, 1324-38	11
1564	The 2-methylcitrate cycle is implicated in the detoxification of propionate in <i>Toxoplasma gondii</i> . <b>2013</b> , 87, 894-908	27
1563	Evidence for two phylogenetic clusters within hepatitis C virus (HCV) genotype 2 inferred from analysis of complete coding sequences of 15 HCV strains. <b>2013</b> , 85, 1754-64	8
1562	Genetic dissection of a cell-autonomous neurodegenerative disorder: lessons learned from mouse models of Niemann-Pick disease type C. <b>2013</b> , 6, 1089-100	18
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1560	Structural and functional characterization of solute binding proteins for aromatic compounds derived from lignin: p-coumaric acid and related aromatic acids. <b>2013</b> , 81, 1709-26	19
1559	In vitro culture of a novel genotype of <i>Ehrlichia</i> sp. from Brazil. <b>2013</b> , 60 Suppl 2, 86-92	19
1558	<i>Tetraflagellochloris mauritanica</i> gen. et sp. nov. (Chlorophyceae), a New Flagellated Alga from the Mauritanian Desert: Morphology, Ultrastructure, and Phylogenetic Framing. <b>2013</b> , 49, 178-93	7
1557	Cholecystokinin receptors in Atlantic salmon: molecular cloning, gene expression, and structural basis. <b>2013</b> , 1, e00069	5
1556	A comparison of organophosphate degradation genes and bioremediation applications. <b>2013</b> , 5, 787-98	33
1555	Comparative transcriptome analysis of three oil palm fruit and seed tissues that differ in oil content and fatty acid composition. <b>2013</b> , 162, 1337-58	149
1554	Functional identification of a hydroxyproline-o-galactosyltransferase specific for arabinogalactan protein biosynthesis in <i>Arabidopsis</i> . <b>2013</b> , 288, 10132-10143	67
1553	The evolutionary rewiring of the ribosomal protein transcription pathway modifies the interaction of transcription factor heteromer Ifh1-Fhl1 (interacts with forkhead 1-forkhead-like 1) with the DNA-binding specificity element. <b>2013</b> , 288, 17508-19	18
1552	Interdomain lateral gene transfer of an essential ferrochelatase gene in human parasitic nematodes. <b>2013</b> , 110, 7748-53	43
1551	Molecular evolution of peptidergic signaling systems in bilaterians. <b>2013</b> , 110, E2028-37	247
1550	Molecular diversity of the equine caecal microbiota and its correlation to postprandial fermentation metabolites: A preliminary approach. <b>2013</b> , 63, 208-216	2

1549	The rice F-box protein KISS ME DEADLY2 functions as a negative regulator of cytokinin signalling. <b>2013</b> , 8, e26434	12
1548	Isolation and characterization of isochorismate synthase and cinnamate 4-hydroxylase during salinity stress, wounding, and salicylic acid treatment in <i>Carthamus tinctorius</i> . <b>2013</b> , 8, e27335	45
1547	Selective constraint and the evolution of the RNA polymerase II C-Terminal Domain. <b>2013</b> , 4, 77-86	10
1546	Exploring nucleo-cytoplasmic large DNA viruses in Tara Oceans microbial metagenomes. <b>2013</b> , 7, 1678-95	142
1545	High specificity in CheR methyltransferase function: CheR2 of <i>Pseudomonas putida</i> is essential for chemotaxis, whereas CheR1 is involved in biofilm formation. <b>2013</b> , 288, 18987-99	26
1544	Identification of an overprinting gene in Merkel cell polyomavirus provides evolutionary insight into the birth of viral genes. <b>2013</b> , 110, 12744-9	105
1543	Linkage, mobility, and selfishness in the MazF family of bacterial toxins: a snapshot of bacterial evolution. <b>2013</b> , 5, 2268-84	12
1542	Unequal recombination and evolution of the mating-type (MAT) loci in the pathogenic fungus <i>Grosmannia clavigera</i> and relatives. <b>2013</b> , 3, 465-80	34
1541	Exclusive use of trans-editing domains prevents proline mistranslation. <b>2013</b> , 288, 14391-14399	26
1540	Influenza A virus PB1-F2 protein expression is regulated in a strain-specific manner by sequences located downstream of the PB1-F2 initiation codon. <b>2013</b> , 87, 10687-99	12
1539	Function-based classification of carbohydrate-active enzymes by recognition of short, conserved peptide motifs. <b>2013</b> , 79, 3380-91	55
1538	A novel dnaJ family gene, sflA, encodes an inhibitor of flagellation in marine <i>Vibrio</i> species. <b>2013</b> , 195, 816-22	18
1537	Bacterial and archaeal diversity in an iron-rich coastal hydrothermal field in Yamagawa, Kagoshima, Japan. <b>2013</b> , 28, 405-13	8
1536	Chromosomal organization and evolutionary history of Mariner transposable elements in Scarabaeinae coleopterans. <b>2013</b> , 6, 54	7
1535	Characterisation and localisation of the opsin protein repertoire in the brain and retinas of a spider and an onychophoran. <b>2013</b> , 13, 186	37
1534	A comparative hidden Markov model analysis pipeline identifies proteins characteristic of cereal-infecting fungi. <b>2013</b> , 14, 807	21
1533	Taxonomy and phylogeny of European <i>Gymnopus</i> subsection <i>Levipedes</i> (Basidiomycota, Omphalotaceae). <b>2013</b> , 31, 179-87	12
1532	Complete genome sequence of <i>Halorhodospira halophila</i> SL1. <b>2013</b> , 8, 206-14	13

1531	Identification of novel genes for bitter taste receptors in sheep ( <i>Ovis aries</i> ). <b>2013</b> , 7, 547-54	7
1530	Caspase-4 and Caspase-5. <b>2013</b> , 2265-2269	3
1529	Biological Activity of Insecticidal Toxins: Structural Basis, Site-Directed Mutagenesis and Perspectives. <b>2013</b> ,	1
1528	Sequence analysis of the DNA-repair gene rad51 in the tardigrades <i>Milnesium cf. tardigradum</i> , <i>Hypsibius dujardini</i> and <i>Macrobiotus cf. harmsworthi</i> . <b>2013</b> , 72,	4
1527	A functional bikaverin biosynthesis gene cluster in rare strains of <i>Botrytis cinerea</i> is positively controlled by VELVET. <b>2013</b> , 8, e53729	59
1526	Genes <i>ycfR</i> , <i>sirA</i> and <i>yigG</i> contribute to the surface attachment of <i>Salmonella enterica</i> Typhimurium and Saintpaul to fresh produce. <b>2013</b> , 8, e57272	36
1525	Functional investigation of the plant-specific long coiled-coil proteins PAMP-INDUCED COILED-COIL (PICC) and PICC-LIKE (PICL) in <i>Arabidopsis thaliana</i> . <b>2013</b> , 8, e57283	5
1524	Evolution of the ferric reductase domain (FRD) superfamily: modularity, functional diversification, and signature motifs. <b>2013</b> , 8, e58126	48
1523	The calmodulin-binding, short linear motif, NSCaTe is conserved in L-type channel ancestors of vertebrate Cav1.2 and Cav1.3 channels. <b>2013</b> , 8, e61765	29
1522	A cryptic cytoplasmic male sterility unveils a possible gynodioecious past for <i>Arabidopsis thaliana</i> . <b>2013</b> , 8, e62450	21
1521	Identification of genetic elements associated with EPSPs gene amplification. <b>2013</b> , 8, e65819	41
1520	A novel predicted calcium-regulated kinase family implicated in neurological disorders. <b>2013</b> , 8, e66427	29
1519	A single argonaute gene participates in exogenous and endogenous RNAi and controls cellular functions in the basal fungus <i>Mucor circinelloides</i> . <b>2013</b> , 8, e69283	44
1518	Apical groove type and molecular phylogeny suggests reclassification of <i>Cochlodinium geminatum</i> as <i>Polykrikos geminatum</i> . <b>2013</b> , 8, e71346	15
1517	Rab-GDI complex dissociation factor expressed through translational frameshifting in filamentous ascomycetes. <b>2013</b> , 8, e73772	8
1516	Protective activity of the CnaBE3 domain conserved among <i>Staphylococcus aureus</i> Sdr proteins. <b>2013</b> , 8, e74718	11
1515	The lesser of two weevils: molecular-genetics of pest palm weevil populations confirm <i>Rhynchophorus vulneratus</i> (Panzer 1798) as a valid species distinct from <i>R. ferrugineus</i> (Olivier 1790), and reveal the global extent of both. <b>2013</b> , 8, e78379	59
1514	Human-like eukaryotic translation initiation factor 3 from <i>Neurospora crassa</i> . <b>2013</b> , 8, e78715	27

1513	Characterization of neutral lipase BT-1 isolated from the labial gland of <i>Bombus terrestris</i> males. <b>2013</b> , 8, e80066	9
1512	Novel insight into the genetic context of the <i>cadAB</i> genes from a 4-chloro-2-methylphenoxyacetic acid-degrading <i>Sphingomonas</i> . <b>2013</b> , 8, e83346	21
1511	Powdery mildew resistance in tomato by impairment of <i>SLPMR4</i> and <i>SLDMR1</i> . <b>2013</b> , 8, e67467	56
1510	<i>Holothuria</i> ( <i>Semperothuria</i> ) <i>roseomaculata</i> n. sp. ( <i>Aspidochirotida</i> : <i>Holothuriidae</i> ), a coral-reef inhabiting sea cucumber from the western Pacific Ocean. <b>2013</b> , 3641, 384-94	2
1509	Are sucrose transporter expression profiles linked with patterns of biomass partitioning in <i>Sorghum</i> phenotypes?. <b>2013</b> , 4, 223	38
1508	Characterization of Flavan-3-ols and Expression of MYB and Late Pathway Genes Involved in Proanthocyanidin Biosynthesis in Foliage of <i>Vitis bellula</i> . <b>2013</b> , 3, 185-203	6
1507	Evolution of Mammalian KELL Blood Group Glycoproteins and Genes (KEL): Evidence for a Marsupial Origin from an Ancestral M13 Type II Endopeptidase Gene. <b>2013</b> , 01,	1
1506	Comparative studies of vertebrate endothelin-converting enzyme-like 1 genes and proteins. <b>2013</b> , 1	
1505	The Discovery of Natural <i>Miscanthus</i> Accessions Related to <i>Miscanthus Giganteus</i> Using Chloroplast DNA. <b>2014</b> , 54, 1645-1655	4
1504	Genomic analysis of <i>Xanthomonas translucens</i> pathogenic on wheat and barley reveals cross-kingdom gene transfer events and diverse protein delivery systems. <b>2014</b> , 9, e84995	28
1503	Polyphasic analysis of a middle ages coprolite microbiota, Belgium. <b>2014</b> , 9, e88376	34
1502	Characterization of <i>Glomerella</i> strains recovered from anthracnose lesions on common bean plants in Brazil. <b>2014</b> , 9, e90910	14
1501	Nematode and arthropod genomes provide new insights into the evolution of class 2 B1 GPCRs. <b>2014</b> , 9, e92220	20
1500	Gene splicing of an invertebrate beta subunit (LCav $\beta$ ) in the N-terminal and HOOK domains and its regulation of LCav1 and LCav2 calcium channels. <b>2014</b> , 9, e92941	12
1499	Diversity and expression of microRNAs in the filarial parasite, <i>Brugia malayi</i> . <b>2014</b> , 9, e96498	23
1498	DNA barcodes of Rosy Tetras and allied species ( <i>Characiformes</i> : <i>Characidae</i> : <i>Hyphessobrycon</i> ) from the Brazilian Amazon basin. <b>2014</b> , 9, e98603	21
1497	Characterization and evolutionary implications of the triad Asp-Xxx-Glu in group II phosphopantetheinyl transferases. <b>2014</b> , 9, e103031	4
1496	Extensive transcription analysis of the <i>Hyposoter didymator</i> Ichnovirus genome in permissive and non-permissive lepidopteran host species. <b>2014</b> , 9, e104072	18

1495	Combover/CG10732, a novel PCP effector for Drosophila wing hair formation. <b>2014</b> , 9, e107311	7
1494	Sequence and annotation of the apicoplast genome of the human pathogen Babesia microti. <b>2014</b> , 9, e107939	21
1493	The multidrug resistance 1 gene Abcb1 in brain and placenta: comparative analysis in human and guinea pig. <b>2014</b> , 9, e111135	18
1492	Multiple thyrotropin $\alpha$ -subunit and thyrotropin receptor-related genes arose during vertebrate evolution. <b>2014</b> , 9, e111361	21
1491	Placenta-specific protein 1 is conserved throughout the Placentalia under purifying selection. <b>2014</b> , 2014, 537356	3
1490	Production and enhancement of omega-3 fatty acid from Mortierella alpina CFR-GV15: its food and therapeutic application. <b>2014</b> , 2014, 657414	34
1489	Cloning and characterization of a flavonol synthase gene from Scutellaria baicalensis. <b>2014</b> , 2014, 980740	6
1488	A Deg-protease family protein in marine Synechococcus is involved in outer membrane protein organization. <b>2014</b> , 1,	
1487	Activity-dependent expression of neuronal PAS domain-containing protein 4 (npas4a) in the developing zebrafish brain. <b>2014</b> , 8, 148	11
1486	Cellular function and pathological role of ATP13A2 and related P-type transport ATPases in Parkinson's disease and other neurological disorders. <b>2014</b> , 7, 48	50
1485	Horizontal Gene Transfer. <b>2014</b> , 02,	
1484	Study of Conserved Domain across Divergent Phylogenetic Lineages of Long Neurotoxin from Genus Naja (Elapidae Family). <b>2014</b> , 02,	
1483	Molecular characterization of Gastrothylax crumenifer (Platyhelminthes: Gastrothylacidae) from goats in the western part of India by LSU of nuclear ribosomal DNA. <b>2014</b> , 52, 701-5	4
1482	Plakophilins in desmosomal adhesion and signaling. <b>2014</b> , 21, 25-42	38
1481	Food searching behaviour of a Lepidoptera pest species is modulated by the foraging gene polymorphism. <b>2014</b> , 217, 3465-73	4
1480	Three genes encoding citrate synthases in Saccharopolyspora erythraea are regulated by the global nutrient-sensing regulators GlnR, DasR, and CRP. <b>2014</b> , 94, 1065	28
1479	Nomenclatural realignment of Neotyphodium species with genus Epichloa <b>2014</b> , 106, 202-15	294
1478	Human 4E-T represses translation of bound mRNAs and enhances microRNA-mediated silencing. <i>Nucleic Acids Research</i> , <b>2014</b> , 42, 3298-313	20.1 57

1477	The pineapple AcMADS1 promoter confers high level expression in tomato and Arabidopsis flowering and fruiting tissues, but AcMADS1 does not complement the tomato LeMADS-RIN (rin) mutant. <b>2014</b> , 86, 395-407	5
1476	Plant protein peptidase inhibitors: an evolutionary overview based on comparative genomics. <b>2014</b> , 15, 812	25
1475	FastMG: a simple, fast, and accurate maximum likelihood procedure to estimate amino acid replacement rate matrices from large data sets. <b>2014</b> , 15, 341	5
1474	The GRAS gene family in pine: transcript expression patterns associated with the maturation-related decline of competence to form adventitious roots. <b>2014</b> , 14, 354	38
1473	The genomic landscape of the verrucomicrobial methanotroph <i>Methylococcus</i> <i>fumarolicum</i> SolV. <b>2014</b> , 15, 914	28
1472	The PSI family of nuclear proteins is required for growth in arabidopsis. <b>2014</b> , 86, 289-302	8
1471	Comparative analysis of ADS gene promoter in seven <i>Artemisia</i> species. <b>2014</b> , 93, 767-74	1
1470	Identification of potential transcriptional regulators of actinorhizal symbioses in <i>Casuarina glauca</i> and <i>Alnus glutinosa</i> . <b>2014</b> , 14, 342	17
1469	Evolution of the miR199-214 cluster and vertebrate skeletal development. <b>2014</b> , 11, 281-94	45
1468	A novel bioinformatics pipeline to discover genes related to arbuscular mycorrhizal symbiosis based on their evolutionary conservation pattern among higher plants. <b>2014</b> , 14, 333	53
1467	Functional characterization of SJB10, an intracellular serpin from <i>Schistosoma japonicum</i> . <b>2014</b> , 141, 1746-60	12
1466	High <i>Rhodotorula</i> sequences in skin transcriptome of patients with diffuse systemic sclerosis. <b>2014</b> , 134, 2138-2145	30
1465	Functional characterization in <i>Xenopus</i> oocytes of Na <sup>+</sup> transport systems from durum wheat reveals diversity among two HKT1;4 transporters. <b>2014</b> , 65, 213-22	24
1464	Investigating sensitivity of phylogenetic community structure metrics using North American desert bats. <b>2014</b> , 95, 1240-1253	12
1463	Characterization of the morphology and genome of an <i>Escherichia coli</i> podovirus. <b>2014</b> , 159, 3249-56	12
1462	Effect of Wnt3a on keratinocytes utilizing in vitro and bioinformatics analysis. <b>2014</b> , 15, 5472-95	0
1461	A new <i>Hermeuptychia</i> (Lepidoptera, Nymphalidae, Satyrinae) is sympatric and synchronic with <i>H. sosybius</i> in southeast US coastal plains, while another new <i>Hermeuptychia</i> species - not hermes - inhabits south Texas and northeast Mexico. <b>2014</b> , 43-91	12
1460	A taxonomy of bacterial microcompartment loci constructed by a novel scoring method. <b>2014</b> , 10, e1003898	170

1459	Involvement of rRNA biosynthesis in the regulation of CUC1 gene expression and pre-meristematic cell mound formation during shoot regeneration. <b>2014</b> , 5, 159	11
1458	Bayesian phylogeny of sucrose transporters: ancient origins, differential expansion and convergent evolution in monocots and dicots. <b>2014</b> , 5, 615	34
1457	Novel dehydrins lacking complete K-segments in Pinaceae. The exception rather than the rule. <b>2014</b> , 5, 682	20
1456	Analysis of an outbreak of hemorrhagic fever with renal syndrome in college students in Xi'an, China. <b>2014</b> , 6, 507-15	20
1455	Lessons from yeast on emerging roles of the ATAD2 protein family in gene regulation and genome organization. <b>2014</b> , 37, 851-6	29
1454	Computational biophysical, biochemical, and evolutionary signature of human R-spondin family proteins, the member of canonical Wnt/ $\beta$ -catenin signaling pathway. <b>2014</b> , 2014, 974316	6
1453	Differential inductions of phenylalanine ammonia-lyase and chalcone synthase during wounding, salicylic acid treatment, and salinity stress in safflower, <i>Carthamus tinctorius</i> . <b>2014</b> , 34,	56
1452	Genes that bias Mendelian segregation. <b>2014</b> , 10, e1004387	50
1451	HIV-1 receptor binding site-directed antibodies using a VH1-2 gene segment orthologue are activated by Env trimer immunization. <b>2014</b> , 10, e1004337	21
1450	A new pepstatin-insensitive thermopsin-like protease overproduced in peptide-rich cultures of <i>Sulfolobus solfataricus</i> . <b>2014</b> , 15, 3204-19	13
1449	Global changes in mineral transporters in tetraploid switchgrasses ( <i>Panicum virgatum</i> L.). <b>2014</b> , 4, 549	13
1448	The streamlined genome of <i>Phytomonas</i> spp. relative to human pathogenic kinetoplastids reveals a parasite tailored for plants. <b>2014</b> , 10, e1004007	56
1447	Ras GTPase-like protein MglA, a controller of bacterial social-motility in <i>Myxobacteria</i> , has evolved to control bacterial predation by <i>Bdellovibrio</i> . <b>2014</b> , 10, e1004253	28
1446	Predicting the minimal translation apparatus: lessons from the reductive evolution of mollicutes. <b>2014</b> , 10, e1004363	77
1445	A new <i>Heraclides</i> swallowtail (Lepidoptera, Papilionidae) from North America is recognized by the pattern on its neck. <b>2014</b> , 85-135	9
1444	The synaptonemal complex protein ZYP1 is required for imposition of meiotic crossovers in barley. <b>2014</b> , 26, 729-40	53
1443	Phenotypic and genotypic characterization of enterotoxigenic <i>Escherichia coli</i> clinical isolates from northern Colombia, South America. <b>2014</b> , 2014, 236260	19
1442	Phylogenetic information content of Copepoda ribosomal DNA repeat units: ITS1 and ITS2 impact. <b>2014</b> , 2014, 926342	11

1441	Genome analysis of poplar LRR-RLP gene clusters reveals RISP, a defense-related gene coding a candidate endogenous peptide elicitor. <b>2014</b> , 5, 111	16
1440	The tau tubulin kinases TTBK1/2 promote accumulation of pathological TDP-43. <b>2014</b> , 10, e1004803	64
1439	Attenuated virulence and genomic reductive evolution in the entomopathogenic bacterial symbiont species, <i>Xenorhabdus poinarii</i> . <b>2014</b> , 6, 1495-513	22
1438	<i>Pseudomonas aeruginosa</i> AmpR: an acute-chronic switch regulator. <b>2015</b> , 73, 1-14	32
1437	A New Species of Eracon (Hesperiidae: Pyrginae) Substantiated by a Number of Traits, Including Female Genitalia. <b>2014</b> , 68, 149	2
1436	Dact genes are chordate specific regulators at the intersection of Wnt and Tgf- $\beta$ signaling pathways. <b>2014</b> , 14, 157	15
1435	Generation of $\beta$ Ymph Node Derived Antibody Libraries (LYNDAL) for selecting fully human antibody fragments with therapeutic potential. <b>2014</b> , 6, 130-42	8
1434	Lactic acid microflora of the gut of snail. <b>2014</b> , 28, 627-634	16
1433	Phylogeny Visualization Using Ontology Approach. <b>2014</b> ,	
1432	Global survey of canonical <i>Aspergillus flavus</i> G protein-coupled receptors. <b>2014</b> , 5, e01501-14	48
1431	Viruses infecting marine picoplankton encode functional potassium ion channels. <b>2014</b> , 466-467, 103-11	13
1430	The grapevine flagellin receptor VvFLS2 differentially recognizes flagellin-derived epitopes from the endophytic growth-promoting bacterium <i>Burkholderia phytofirmans</i> and plant pathogenic bacteria. <b>2014</b> , 201, 1371-1384	106
1429	Experimental and bioinformatic characterization of a recombinant polygalacturonase-inhibitor protein from pearl millet and its interaction with fungal polygalacturonases. <b>2014</b> , 65, 5033-47	7
1428	Chlorovirus Skp1-binding ankyrin repeat protein interplay and mimicry of cellular ubiquitin ligase machinery. <b>2014</b> , 88, 13798-810	7
1427	The RNase R from <i>Campylobacter jejuni</i> has unique features and is involved in the first steps of infection. <b>2014</b> , 289, 27814-24	16
1426	A novel method for analysis of human T cell repertoires by real-time PCR. <b>2014</b> , 412, 24-34	1
1425	The number and location of EF hand motifs dictates the calcium dependence of polycystin-2 function. <b>2014</b> , 28, 2332-46	16
1424	MtZR1, a PRAF protein, is involved in the development of roots and symbiotic root nodules in <i>Medicago truncatula</i> . <b>2014</b> , 37, 658-69	7

1423	The spore surface of intestinal isolates of <i>Bacillus subtilis</i> . <b>2014</b> , 358, 194-201	6
1422	Interspecific hybridization and bioactive alkaloid variation increases diversity in endophytic <i>Epichloa</i> species of <i>Bromus laevipes</i> . <b>2014</b> , 90, 276-89	49
1421	The gibberellin biosynthetic genes AtKAO1 and AtKAO2 have overlapping roles throughout <i>Arabidopsis</i> development. <b>2014</b> , 80, 462-74	54
1420	<i>Photorhabdus heterorhabditis</i> sp. nov., a symbiont of the entomopathogenic nematode <i>Heterorhabditis zealandica</i> . <b>2014</b> , 64, 1540-1545	39
1419	Redox regulation of methionine aminopeptidase 2 activity. <b>2014</b> , 289, 15035-43	14
1418	A comparative systems analysis of polysaccharide-elicited responses in <i>Neurospora crassa</i> reveals carbon source-specific cellular adaptations. <b>2014</b> , 91, 275-99	70
1417	A tricistronic heat shock operon is important for stress tolerance of <i>Pseudomonas putida</i> and conserved in many environmental bacteria. <b>2014</b> , 16, 1835-53	16
1416	The <i>ruB</i> gene of plasmid pWW0 is a hotspot for the site-specific insertion of integron-like elements found in the chromosomes of environmental <i>Pseudomonas fluorescens</i> group bacteria. <b>2014</b> , 16, 2374-88	6
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1413	Biochemical properties of the xenotropic murine leukemia virus-related virus integrase. <b>2014</b> , 107 Pt B, 300-9	
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1411	Fungal biology in the post-genomic era. <b>2014</b> , 1, 7	17
1410	siMBaB simple graphical user interface for the Bayesian phylogenetic inference program MrBayes. <b>2014</b> , 13, 1255	19
1409	Chromium(VI) Biosorption and Bioaccumulation by Live and Acid-Modified Biomass of a Novel <i>Morganella morganii</i> Isolate. <b>2014</b> , 49, 907-914	20
1408	Identification and characterization of a sex peptide receptor-like transcript from the western tarnished plant bug <i>Lygus hesperus</i> . <b>2014</b> , 23, 301-19	5
1407	A practical guide to identifying members of the <i>Bemisia tabaci</i> species complex: and other morphologically identical species. <b>2014</b> , 2,	84
1406	Evolutionary and structural analyses of mammalian haloacid dehalogenase-type phosphatases AUM and chronophin provide insight into the basis of their different substrate specificities. <b>2014</b> , 289, 3416-31	20

1405	A <i>Ralstonia solanacearum</i> type III effector directs the production of the plant signal metabolite trehalose-6-phosphate. <b>2014</b> , 5,	40
1404	The grapevine gene nomenclature system. <b>2014</b> , 15, 1077	67
1403	Interspecific and intraspecific gene variability in a 1-Mb region containing the highest density of NBS-LRR genes found in the melon genome. <b>2014</b> , 15, 1131	13
1402	De Novo sequencing and transcriptome analysis for <i>Tetramorium bicarinatum</i> : a comprehensive venom gland transcriptome analysis from an ant species. <b>2014</b> , 15, 987	27
1401	Diversity and variability of NOD-like receptors in fungi. <b>2014</b> , 6, 3137-58	53
1400	Characterization of a UDP-N-acetylglucosamine biosynthetic pathway encoded by the giant DNA virus Mimivirus. <b>2014</b> , 24, 51-61	18
1399	Antifungal susceptibility patterns of opportunistic fungi in the genera <i>Verruconis</i> and <i>Ochroconis</i> . <b>2014</b> , 58, 3285-92	18
1398	Systematic variation in the pattern of gene paralog retention between the teleost superorders Ostariophysi and Acanthopterygii. <b>2014</b> , 6, 981-7	15
1397	Genomes of Plant-Associated Clavicipitaceae. <b>2014</b> , 70, 291-327	22
1396	Fungicide effects on fungal community composition in the wheat phyllosphere. <b>2014</b> , 9, e111786	79
1395	<i>Azoarcus</i> sp. CIB, an anaerobic biodegrader of aromatic compounds shows an endophytic lifestyle. <b>2014</b> , 9, e110771	33
1394	Ectopic expression of a loblolly pine class II 4-coumarate:CoA ligase alters soluble phenylpropanoid metabolism but not lignin biosynthesis in <i>Populus</i> . <b>2014</b> , 55, 1669-78	15
1393	Cloning, Expression, Sequence Analysis and Homology Modeling of the Prolyl Endoprotease from <i>Eurygaster integriceps</i> Puton. <b>2014</b> , 5, 762-82	6
1392	Characterisation and functional importance of $\beta$ -1,4-endoglucanases from the potato rot nematode, <i>Ditylenchus destructor</i> . <b>2014</b> , 16, 505-517	3
1391	The Fox/Forkhead transcription factor family of the hemichordate <i>Saccoglossus kowalevskii</i> . <b>2014</b> , 5, 17	48
1390	An internally modulated, thermostable, pH-sensitive Cys loop receptor from the hydrothermal vent worm <i>Alvinella pompejana</i> . <b>2014</b> , 289, 15130-40	4
1389	Molecular genetic conspecificity of <i>Spiculopteragia houdemeri</i> (Schwartz, 1926) and <i>S. andreevae</i> (Drǎǎǎ1965) (Nematoda: Ostertagiinae) from wild ruminants in Japan. <b>2014</b> , 88, 1-12	9
1388	Microbial community structure and functioning in marine sediments associated with diffuse hydrothermal venting assessed by integrated meta-omics. <b>2014</b> , 16, 2699-710	58

1387	Partial cloning, tissue distribution and effects of epigallocatechin gallate on hepatic 3-hydroxy-3-methylglutaryl-CoA reductase mRNA transcripts in goldfish ( <i>Carassius auratus</i> ). <b>2014</b> , 545, 220-5	8
1386	Development and application of a molecular assay to detect and monitor geosmin-producing cyanobacteria and actinomycetes in the Great Lakes. <b>2014</b> , 40, 404-414	24
1385	Characterization of a stearyl-acyl carrier protein desaturase gene from potential biofuel plant, <i>Pongamia pinnata</i> L. <b>2014</b> , 542, 113-21	9
1384	Trehalose metabolism in the blue crab <i>Callinectes sapidus</i> : isolation of multiple structural cDNA isoforms of trehalose-6-phosphate synthase and their expression in muscles. <b>2014</b> , 536, 105-13	11
1383	The dinoflagellate <i>Lingulodinium</i> has predicted casein kinase 2 sites in many RNA binding proteins. <b>2014</b> , 165, 330-42	5
1382	The changing epitome of species identification - DNA barcoding. <b>2014</b> , 21, 204-31	57
1381	The junctophilin family of proteins: from bench to bedside. <b>2014</b> , 20, 353-62	44
1380	Crystal structure and putative substrate identification for the <i>Entamoeba histolytica</i> low molecular weight tyrosine phosphatase. <b>2014</b> , 193, 33-44	6
1379	Transcriptome analysis reveals pathogenicity and evolutionary history of the pathogenic oomycete <i>Pythium insidiosum</i> . <b>2014</b> , 118, 640-53	22
1378	Taxonomy of <i>Ochroconis</i> , genus including opportunistic pathogens on humans and animals. <b>2014</b> , 65, 89-126	54
1377	A suggested classification for two groups of <i>Campylobacter</i> myoviruses. <b>2014</b> , 159, 181-90	42
1376	Ljungan virus is endemic in rodents in the UK. <b>2014</b> , 159, 547-51	11
1375	Identification and Characterization of an Invasion Antigen B Gene from the Oral Pathogen <i>Campylobacter rectus</i> . <b>2014</b> , 54, 33-40	4
1374	Effects of a sulfonylurea herbicide on the soil bacterial community. <b>2014</b> , 21, 5619-27	15
1373	Molecular phylogeny of the nickel-resistance gene <i>nreB</i> and functional role in the nickel sensitive symbiotic nitrogen fixing bacterium <i>Sinorhizobium meliloti</i> . <b>2014</b> , 377, 189-201	10
1372	Genomic analysis of pandemic and post-pandemic influenza A pH1N1 viruses isolated in Rio Grande do Sul, Brazil. <b>2014</b> , 159, 621-30	9
1371	Cyclolization of D-lysergic acid alkaloid peptides. <b>2014</b> , 21, 146-55	37
1370	Bioinformatics tools for genome mining of polyketide and non-ribosomal peptides. <b>2014</b> , 41, 443-50	67

1369	Identification and characterization of a galacturonic acid transporter from <i>Neurospora crassa</i> and its application for <i>Saccharomyces cerevisiae</i> fermentation processes. <b>2014</b> , 7, 20	44
1368	Evolutionary insights about bacterial GlxRS from whole genome analyses: is GluRS2 a chimera?. <b>2014</b> , 14, 26	5
1367	Genetic characterization of an Italian Giant Reed ( <i>Arundo donax</i> L.) clones collection: exploiting clonal selection. <b>2014</b> , 196, 169-181	39
1366	Two novel myxosporean species (Myxosporea: Bivalvulida), <i>Myxobolus marumotoi</i> n. sp. and <i>Cardimyxobolus japonensis</i> n. sp., from the dark sleeper, <i>Odontobutis obscura</i> , in Japan. <b>2014</b> , 113, 1371-81	4
1365	Ectoparasitic growth of <i>Magnaporthe</i> on barley triggers expression of the putative barley wax biosynthesis gene CYP96B22 which is involved in penetration resistance. <b>2014</b> , 14, 26	24
1364	XMRV low level of expression in human cells delays superinfection interference and allows proviral copies to accumulate. <b>2014</b> , 456-457, 28-38	2
1363	The dormancy-breaking stimuli "chilling, hypoxia and cyanamide exposure" up-regulate the expression of $\alpha$ -amylase genes in grapevine buds. <b>2014</b> , 171, 373-81	28
1362	Coelomocyte-derived fluorescence and DNA markers of composting earthworm species. <b>2014</b> , 321, 28-40	22
1361	Global distribution and origin of target site insecticide resistance mutations in <i>Tetranychus urticae</i> . <b>2014</b> , 48, 17-28	50
1360	HpaP modulates type III effector secretion in <i>Ralstonia solanacearum</i> and harbours a substrate specificity switch domain essential for virulence. <b>2014</b> , 15, 601-14	13
1359	The pseudoenzyme PDX1.2 boosts vitamin B6 biosynthesis under heat and oxidative stress in <i>Arabidopsis</i> . <b>2014</b> , 289, 8203-16	31
1358	Identification and characterization of plant cell wall degrading enzymes from three glycoside hydrolase families in the cerambycid beetle <i>Apriona japonica</i> . <b>2014</b> , 49, 1-13	44
1357	Genotypic and symbiotic diversity of <i>Rhizobium</i> populations associated with cultivated lentil and pea in sub-humid and semi-arid regions of Eastern Algeria. <b>2014</b> , 37, 368-75	19
1356	A general protein O-glycosylation system within the <i>Burkholderia cepacia</i> complex is involved in motility and virulence. <b>2014</b> , 92, 116-37	42
1355	Vertebrate Acyl-CoA synthetase family member 4 (ACSF4-U26) is a L-alanine-activating enzyme homologous to bacterial non-ribosomal peptide synthetase. <b>2014</b> , 281, 1585-97	10
1354	Single-cell genome and metatranscriptome sequencing reveal metabolic interactions of an alkane-degrading methanogenic community. <b>2014</b> , 8, 757-67	106
1353	A new species of <i>Backusella</i> (Mucorales) from a Cerrado reserve in Southeast Brazil. <b>2014</b> , 13, 975	6
1352	<i>Rhodobacter capsulatus</i> DprA is essential for RecA-mediated gene transfer agent (RcGTA) recipient capability regulated by quorum-sensing and the CtrA response regulator. <b>2014</b> , 92, 1260-78	31

1351	Liberibacter crescens gen. nov., sp. nov., the first cultured member of the genus Liberibacter. <b>2014</b> , 64, 2461-2466	55
1350	The phylogeography of Eurasian Fraxinus species reveals ancient transcontinental reticulation. <b>2014</b> , 77, 223-37	12
1349	Genome-defence small RNAs exapted for epigenetic mating-type inheritance. <b>2014</b> , 509, 447-52	81
1348	Overexpression of four Arabidopsis thaliana NHL genes in soybean (Glycine max) roots and their effect on resistance to the soybean cyst nematode (Heterodera glycines). <b>2014</b> , 86, 1-10	7
1347	A novel class of bifunctional acylpeptide hydrolases--potential role in the antioxidant defense systems of the Antarctic fish Trematomus bernacchii. <b>2014</b> , 281, 401-15	12
1346	Prevalence, genetic diversity, and host range of tectiviruses among members of the Bacillus cereus group. <b>2014</b> , 80, 4138-52	21
1345	Plant hormones in defense response of Brassica napus to Sclerotinia sclerotiorum - reassessing the role of salicylic acid in the interaction with a necrotroph. <b>2014</b> , 80, 308-17	55
1344	The tillering phenotype of the rice plastid terminal oxidase (PTOX) loss-of-function mutant is associated with strigolactone deficiency. <b>2014</b> , 202, 116-131	17
1343	Multilocus sequence typing of Mycoplasma hyorhinis strains identified by a real-time TaqMan PCR assay. <b>2014</b> , 52, 1664-71	29
1342	Single-locus-sequence-based typing of blaOXA-51-like genes for rapid assignment of Acinetobacter baumannii clinical isolates to international clonal lineages. <b>2014</b> , 52, 1653-7	51
1341	Involvement of papain and legumain proteinase in the senescence process of Medicago truncatula nodules. <b>2014</b> , 202, 849-863	30
1340	Multiple facets of TPP1 in telomere maintenance. <b>2014</b> , 1844, 1550-9	12
1339	Modelling, substrate docking and mutational analysis identify residues essential for function and specificity of the major fungal purine transporter AzgA. <b>2014</b> , 93, 129-45	21
1338	The gap gene Krüppel of Rhodnius prolixus is required for segmentation and for repression of the homeotic gene sex comb-reduced. <b>2014</b> , 387, 121-9	12
1337	Computational prediction and experimental characterization of a "size switch type repacking" during the evolution of dengue envelope protein domain III (ED3). <b>2014</b> , 1844, 585-92	14
1336	An alternative promoter of the human plakophilin-3 gene controls the expression of the new isoform PKP3b. <b>2014</b> , 355, 143-62	1
1335	PtrBAM1, a $\beta$ -amylase-coding gene of Poncirus trifoliata, is a CBF regulon member with function in cold tolerance by modulating soluble sugar levels. <b>2014</b> , 37, 2754-67	71
1334	ABCG transporters are required for suberin and pollen wall extracellular barriers in Arabidopsis. <b>2014</b> , 26, 3569-88	156

1333	The vertebrate muscle-specific RING finger protein family includes MuRF4--a novel, conserved E3-ubiquitin ligase. <b>2014</b> , 588, 4390-7	9
1332	Morphological and molecular characterization of <i>Eimeria paludosa</i> coccidian parasite (Apicomplexa:Eimeriidae) in a dusky moorhen ( <i>Gallinula tenebrosa</i> , Gould, 1846) in Australia. <b>2014</b> , 147, 16-22	9
1331	Isolation, phylogenetic relationship and expression profiling of sugar transporter genes in sweet orange ( <i>Citrus sinensis</i> ). <b>2014</b> , 119, 609-624	44
1330	The emerging physiological roles of the glycerophosphodiesterase family. <b>2014</b> , 281, 998-1016	50
1329	A robust pipeline for rapid production of versatile nanobody repertoires. <b>2014</b> , 11, 1253-60	253
1328	<i>Chironex fleckeri</i> (box jellyfish) venom proteins: expansion of a cnidarian toxin family that elicits variable cytolytic and cardiovascular effects. <b>2014</b> , 289, 4798-812	61
1327	Understanding copper sensitivity in zebrafish ( <i>Danio rerio</i> ) through the intracellular localization of copper transporters in a hepatocyte cell-line ZFL and the tissue expression profiles of copper transporters. <b>2014</b> , 6, 1057-67	21
1326	Evolutionary dynamics and genetic diversity from three genes of Anguillid rhabdovirus. <b>2014</b> , 95, 2390-2401	4
1325	Characterization of a novel AmpC $\beta$ -lactamase produced by a carbapenem-resistant <i>Cedecea davisae</i> clinical isolate. <b>2014</b> , 58, 6942-5	12
1324	Phosphoproteomic Analyses Reveal Early Signaling Events in the Osmotic Stress Response. <b>2014</b> , 165, 1171-1187	66
1323	Functional characterization of a short neuropeptide F-related receptor in a lophotrochozoan, the mollusk <i>Crassostrea gigas</i> . <b>2014</b> , 217, 2974-82	28
1322	<i>Escherichia coli</i> D-malate dehydrogenase, a generalist enzyme active in the leucine biosynthesis pathway. <b>2014</b> , 289, 29086-96	15
1321	Naturally arising strains of polyomaviruses with severely attenuated microRNA expression. <b>2014</b> , 88, 12683-93	9
1320	Chemoenzymatic exchange of phosphopantetheine on protein and peptide. <b>2014</b> , 5, 1179-1186	11
1319	Amphiphilic siderophore production by oil-associating microbes. <b>2014</b> , 6, 1150-5	24
1318	Iodotyrosine deiodinase: a unique flavoprotein present in organisms of diverse phyla. <b>2014</b> , 10, 86-92	26
1317	Chlorovirus PBCV-1 encodes an active copper-zinc superoxide dismutase. <b>2014</b> , 88, 12541-50	18
1316	A new <i>Caryospora</i> coccidian species (Apicomplexa: Eimeriidae) from the laughing kookaburra ( <i>Dacelo novaeguineae</i> ). <b>2014</b> , 145, 68-73	16

1315	Biosynthesis of phenylannolone A, a multidrug resistance reversal agent from the halotolerant myxobacterium <i>Nannocystis pusilla</i> B150. <b>2014</b> , 15, 757-65	16
1314	Revealing microbial functional activities in the Red Sea sponge <i>Stylissa carteri</i> by metatranscriptomics. <b>2014</b> , 16, 3683-98	49
1313	Crystal and solution structure analysis of FhuD2 from <i>Staphylococcus aureus</i> in multiple unliganded conformations and bound to ferrioxamine-B. <b>2014</b> , 53, 2017-31	27
1312	Morphology, morphogenesis and molecular phylogeny of a new marine ciliate, <i>Trichototaxis marina</i> n. sp. (Ciliophora, Urostylida). <b>2014</b> , 50, 524-37	18
1311	The dual nature of haemocyanin in the establishment and persistence of the squid-vibrio symbiosis. <b>2014</b> , 281, 20140504	34
1310	Characterization of <i>Staphylococcus epidermidis</i> phage vB_SepS_SEP9 - a unique member of the Siphoviridae family. <b>2014</b> , 165, 679-85	15
1309	<i>Veillonella seminalis</i> sp. nov., a novel anaerobic Gram-stain-negative coccus from human clinical samples, and emended description of the genus <i>Veillonella</i> . <b>2014</b> , 64, 3526-3531	22
1308	Genetic polymorphism of <i>Babesia bovis</i> merozoite surface antigens-2 (MSA-2) isolates from bovine blood and <i>Rhipicephalus annulatus</i> ticks in Israel. <b>2014</b> , 205, 20-7	9
1307	Viruses in a 14th-century coprolite. <b>2014</b> , 80, 2648-55	42
1306	Differential endometrial cell sensitivity to a cholesterol-dependent cytolysin links <i>Trueperella pyogenes</i> to uterine disease in cattle. <b>2014</b> , 90, 54	76
1305	Production of bioactive diterpenoids in the euphorbiaceae depends on evolutionarily conserved gene clusters. <b>2014</b> , 26, 3286-98	68
1304	A protocol for species delineation of public DNA databases, applied to the Insecta. <b>2014</b> , 63, 712-25	6
1303	Characterization of novel polycyclic aromatic hydrocarbon dioxygenases from the bacterial metagenomic DNA of a contaminated soil. <b>2014</b> , 80, 6591-600	47
1302	AID induces intraclonal diversity and genomic damage in CD86(+) chronic lymphocytic leukemia cells. <b>2014</b> , 44, 3747-57	16
1301	CINCINNATA in <i>Antirrhinum majus</i> directly modulates genes involved in cytokinin and auxin signaling. <b>2014</b> , 204, 901-12	26
1300	Purification, characterisation and cloning of a 2S albumin with DNase, RNase and antifungal activities from <i>Putranjiva roxburghii</i> . <b>2014</b> , 174, 471-82	11
1299	Cultivable gut bacteria of scarabs (Coleoptera: Scarabaeidae) inhibit <i>Bacillus thuringiensis</i> multiplication. <b>2014</b> , 43, 612-6	11
1298	Three <i>Unicapsula</i> species (Myxosporea: Trilosporidae) of Asian marine fishes, including the description of <i>Unicapsula setoensis</i> n. sp. in the yellowfin goby ( <i>Acanthogobius flavimanus</i> ) from the Inland Sea of Japan. <b>2014</b> , 113, 3807-16	8

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1296	Genetic Control and Evolution of Anthocyanin Methylation. <b>2014</b> , 165, 962-977	29
1295	H-K-ATPase type 2: relevance for renal physiology and beyond. <b>2014</b> , 306, F693-700	30
1294	Evidence for land plant cell wall biosynthetic mechanisms in charophyte green algae. <b>2014</b> , 114, 1217-36	55
1293	Expression profiling of the wheat pathogen <i>Zymoseptoria tritici</i> reveals genomic patterns of transcription and host-specific regulatory programs. <b>2014</b> , 6, 1353-65	70
1292	The SWEET family of sugar transporters in grapevine: VvSWEET4 is involved in the interaction with <i>Botrytis cinerea</i> . <b>2014</b> , 65, 6589-601	120
1291	Isolation and characterization of Ras-related GTP-binding protein (Ran) from <i>Lepidium latifolium</i> L. reveals its potential role in regulating abiotic stress tolerance. <b>2014</b> , 36, 2353-2360	13
1290	Genome and transcriptome sequencing identifies breeding targets in the orphan crop tef ( <i>Eragrostis tef</i> ). <b>2014</b> , 15, 581	98
1289	Characterisation of a secretory serine protease inhibitor (SjB6) from <i>Schistosoma japonicum</i> . <b>2014</b> , 7, 330	11
1288	The pgip family in soybean and three other legume species: evidence for a birth-and-death model of evolution. <b>2014</b> , 14, 189	10
1287	Genome-wide identification and analysis of mitogen activated protein kinase kinase gene family in grapevine ( <i>Vitis vinifera</i> ). <b>2014</b> , 14, 219	40
1286	An rhs gene linked to the second type VI secretion cluster is a feature of the <i>Pseudomonas aeruginosa</i> strain PA14. <b>2014</b> , 196, 800-10	23
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1283	Piroplasms of New Zealand seabirds. <b>2014</b> , 113, 4407-14	15
1282	In silico identification and characterization of the MAPK family members of unicellular model eukaryote <i>Tetrahymena thermophila</i> . <b>2014</b> , 50, 538-50	6
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1237	Biodegradation of 2-hydroxyquinoxaline (2-HQ) by Bacillus sp. <b>2014</b> , 278, 100-7	9
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1224	In silico studies of medicinal compounds against hepatitis C capsid protein from north India. <b>2014</b> , 8, 159-68	6
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1209	Evolution and Taxonomy of Nitrogen-Fixing Organisms with Emphasis on Rhizobia. <b>2015</b> , 21-38	21
1208	Volatile organic compounds in truffle ( <i>Tuber magnatum</i> Pico): comparison of samples from different regions of Italy and from different seasons. <b>2015</b> , 5, 12629	40

1207	Hm-MyD88 and Hm-SARM: two key regulators of the neuroimmune system and neural repair in the medicinal leech. <b>2015</b> , 5, 9624	13
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1205	Afternoon Ascospore Release in <i>Claviceps purpurea</i> Optimizes Perennial Ryegrass Infection. <b>2015</b> , 99, 1410-1415	9
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1178	Underground spaces as neglected niche for occurrence of <i>Heterobasidion annosum</i> complex. <b>2015</b> , 45, 373-378	3
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1173	Arsenite-oxidizing bacteria isolated from arsenic contaminated surface and ground water of Uttar Pradesh, India. <b>2015</b> , 9, 2320-2327	1
1172	Characterization and Evaluation of Polycyclic Aromatic Hydrocarbon (PAH) Degrading Bacteria Isolated from Oil Contaminated Soil. <b>2015</b> , 1,	1

1171	Molecular Phylogeny of Pheretimid Earthworms (Haplotaxina: Megascolecidae) Based on Mitochondrial DNA in Hainan Island, China. <b>2015</b> , 04,	15
1170	Genetic Variability and Geographical Distribution of Mycotoxigenic <i>Fusarium verticillioides</i> Strains Isolated from Maize Fields in Texas. <b>2015</b> , 31, 203-11	6
1169	The PRXamide Neuropeptide Signalling System. <b>2015</b> , 49, 123-170	23
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1164	Comparison of whole genome sequences from human and non-human <i>Escherichia coli</i> O26 strains. <b>2015</b> , 5, 21	12
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1160	Phylogeography of the walnut twig beetle, <i>Pityophthorus juglandis</i> , the vector of thousand cankers disease in North American walnut trees. <b>2015</b> , 10, e0118264	33
1159	The elicitin-like glycoprotein, ELI025, is secreted by the pathogenic oomycete <i>Pythium insidiosum</i> and evades host antibody responses. <b>2015</b> , 10, e0118547	17
1158	Bacterial diversity associated with wild caught <i>Anopheles</i> mosquitoes from Dak Nong Province, Vietnam using culture and DNA fingerprint. <b>2015</b> , 10, e0118634	17
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1155	AGAPE (Automated Genome Analysis PipelinE) for pan-genome analysis of <i>Saccharomyces cerevisiae</i> . <b>2015</b> , 10, e0120671	41
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1152	Computational Docking Study of p7 Ion Channel from HCV Genotype 3 and Genotype 4 and Its Interaction with Natural Compounds. <b>2015</b> , 10, e0126510	13
1151	In vitro model for studying esophageal epithelial differentiation and allergic inflammatory responses identifies keratin involvement in eosinophilic esophagitis. <b>2015</b> , 10, e0127755	28
1150	A novel expansin protein from the white-rot fungus <i>Schizophyllum commune</i> . <b>2015</b> , 10, e0122296	27
1149	A New Classification of <i>Ficus</i> Subsection <i>Urostigma</i> (Moraceae) Based on Four Nuclear DNA Markers (ITS, ETS, G3pdh, and ncpGS), Morphology and Leaf Anatomy. <b>2015</b> , 10, e0128289	10
1148	A Novel <i>Trypanosoma cruzi</i> Protein Associated to the Flagellar Pocket of Replicative Stages and Involved in Parasite Growth. <b>2015</b> , 10, e0130099	8
1147	Genome Wide Re-Annotation of <i>Caldicellulosiruptor saccharolyticus</i> with New Insights into Genes Involved in Biomass Degradation and Hydrogen Production. <b>2015</b> , 10, e0133183	8
1146	Intra-Monozygotic Twin Pair Discordance and Longitudinal Variation of Whole-Genome Scale DNA Methylation in Adults. <b>2015</b> , 10, e0135022	11
1145	Survey of <i>Ixodes pacificus</i> Ticks in California Reveals a Diversity of Microorganisms and a Novel and Widespread Anaplasmatidae Species. <b>2015</b> , 10, e0135828	31
1144	Serendipitous Meta-Transcriptomics: The Fungal Community of Norway Spruce ( <i>Picea abies</i> ). <b>2015</b> , 10, e0139080	25
1143	Bacterial endophytes from wild maize suppress <i>Fusarium graminearum</i> in modern maize and inhibit mycotoxin accumulation. <b>2015</b> , 6, 805	57
1142	RNAi-based functional elucidation of <i>PtPRP</i> , a gene encoding a hybrid proline rich protein, in cold tolerance of <i>Poncirus trifoliata</i> . <b>2015</b> , 6, 808	14
1141	Temporal analysis reveals a key role for VTE5 in vitamin E biosynthesis in olive fruit during on-tree development. <b>2015</b> , 6, 871	10
1140	Occurrence, Persistence, and Virulence Potential of <i>Listeria ivanovii</i> in Foods and Food Processing Environments in the Republic of Ireland. <b>2015</b> , 2015, 350526	8
1139	Hypocretin neuron-specific transcriptome profiling identifies the sleep modulator <i>Kcnh4a</i> . <b>2015</b> , 4, e08638	43
1138	Magnet-Facilitated Selection of Electrogenic Bacteria from Marine Sediment. <b>2015</b> , 2015, 582471	7
1137	SP140L, an Evolutionarily Recent Member of the SP100 Family, Is an Autoantigen in Primary Biliary Cirrhosis. <b>2015</b> , 2015, 526518	11
1136	Identification and characterization of putative conserved IAM-hydrolases in developing rice grains. <b>2015</b> , 14, 29-37	

1135	The Petunia GRAS Transcription Factor ATA/RAM1 Regulates Symbiotic Gene Expression and Fungal Morphogenesis in Arbuscular Mycorrhiza. <b>2015</b> , 168, 788-97	42
1134	Secondary dormancy in Brassica napus is correlated with enhanced BnaDOG1 transcript levels. <b>2015</b> , 25, 221-229	7
1133	CRISPR-cas subtype I-Fb in Acinetobacter baumannii: evolution and utilization for strain subtyping. <b>2015</b> , 10, e0118205	27
1132	Horsetails are the sister group to all other monilophytes and Marattiales are sister to leptosporangiate ferns. <b>2015</b> , 90, 140-9	43
1131	Tandem phosphorylation within an intrinsically disordered region regulates ACTN4 function. <b>2015</b> , 8, ra51	22
1130	Simultaneous conversion of all cell wall components by an oleaginous fungus without chemi-physical pretreatment. <b>2015</b> , 17, 1657-1667	44
1129	Genetic diversity and population structure of beet necrotic yellow vein virus in China. <b>2015</b> , 205, 54-62	9
1128	Intraspecific variability of the facultative meiotic parthenogenetic root-knot nematode (Meloidogyne graminicola) from rice fields in Vietnam. <b>2015</b> , 338, 471-83	25
1127	Multiple horizontally acquired genes from fungal and prokaryotic donors encode cellulolytic enzymes in the bdelloid rotifer Adineta ricciae. <b>2015</b> , 566, 125-37	16
1126	Breeding for biotic stress resistance in chickpea: progress and prospects. <b>2015</b> , 204, 257-288	26
1125	Classification and expression analyses of homeobox genes from Dictyostelium discoideum. <b>2015</b> , 40, 241-55	3
1124	Phylogeny and Phylogeography of the GeoduckPanopea(Bivalvia: Hiatellidae). <b>2015</b> , 34, 11-20	6
1123	Complete genome sequence of the fish pathogen Flavobacterium psychrophilum ATCC 49418(T.). <b>2015</b> , 10, 3	16
1122	Detoxification of 5-hydroxymethylfurfural by the Pleurotus ostreatus lignolytic enzymes aryl alcohol oxidase and dehydrogenase. <b>2015</b> , 8, 63	49
1121	Theileria annae (syn. Babesia microti-like) infection in dogs in NW Spain detected using direct and indirect diagnostic techniques: clinical report of 75 cases. <b>2015</b> , 8, 217	37
1120	Dissecting enzyme function with microfluidic-based deep mutational scanning. <b>2015</b> , 112, 7159-64	131
1119	The Pseudomonas aeruginosa PA14 ABC Transporter NppA1A2BCD Is Required for Uptake of Peptidyl Nucleoside Antibiotics. <b>2015</b> , 197, 2217-2228	29
1118	The fission yeast MTREC complex targets CUTs and unspliced pre-mRNAs to the nuclear exosome. <b>2015</b> , 6, 7050	63

1117	Phylogenic, molecular and decay analysis of <i>Phialophora</i> species causing soft rot of wood. <b>2015</b> , 6, 189-197	2
1116	leBIBIQBPP: a set of databases and a webtool for automatic phylogenetic analysis of prokaryotic sequences. <b>2015</b> , 16, 251	42
1115	UPF0586 Protein C9orf41 Homolog Is Anserine-producing Methyltransferase. <b>2015</b> , 290, 17190-205	20
1114	The Structure of the Cyprinid herpesvirus 3 ORF112-Z $\alpha$ -DNA Complex Reveals a Mechanism of Nucleic Acids Recognition Conserved with E3L, a Poxvirus Inhibitor of Interferon Response. <b>2015</b> , 290, 30713-25	16
1113	The Sugar Kinase That Is Necessary for the Catabolism of Rhamnose in <i>Rhizobium leguminosarum</i> Directly Interacts with the ABC Transporter Necessary for Rhamnose Transport. <b>2015</b> , 197, 3812-21	2
1112	First Molecular Characterization of <i>Theileria ornithorhynchi</i> Mackerras, 1959: yet Another Challenge to the Systematics of the Piroplasms. <b>2015</b> , 166, 609-20	16
1111	Highlights. <b>2015</b> , 102, 1947-1948	
1110	Plasmodium Apicoplast Gln-tRNA <sup>Gln</sup> Biosynthesis Utilizes a Unique GatAB Amidotransferase Essential for Erythrocytic Stage Parasites. <b>2015</b> , 290, 29629-41	11
1109	Infections du tractus urinaire ^pathogènes émergents. <b>2015</b> , 17, 152-161	1
1108	Around the Fungal Clock: Recent Advances in the Molecular Study of Circadian Clocks in <i>Neurospora</i> and Other Fungi. <b>2015</b> , 92, 107-84	32
1107	Identity of <i>Agaricus brevipes</i> Bull. ( <i>Melanoleuca brevipes</i> , Tricholomataceae, Basidiomycota). <b>2015</b> , 14, 1	6
1106	Functional expression of a novel Kunitz type protease inhibitor from the human blood fluke <i>Schistosoma mansoni</i> . <b>2015</b> , 8, 408	39
1105	Phylogeny, Morphology, and Metabolic and Invasive Capabilities of Epicellular Fish Coccidium <i>Goussia janae</i> . <b>2015</b> , 166, 659-76	12
1104	Multi-gene phylogeny of the genus <i>Lobaria</i> : Evidence of species-pair and allopatric cryptic speciation in East Asia. <b>2015</b> , 102, 2058-73	20
1103	The two-component system CpxAR is essential for virulence in the phytopathogen bacteria <i>Dickeya dadantii</i> EC3937. <b>2015</b> , 17, 4415-28	13
1102	First isolation of a rhabdovirus from perch <i>Perca fluviatilis</i> in Switzerland. <b>2015</b> , 116, 93-101	5
1101	Molecular cloning and functional identification of a novel borneol dehydrogenase from <i>Artemisia annua</i> L.. <b>2015</b> , 77, 190-195	8
1100	Label-free, non-invasive light scattering sensor for rapid screening of <i>Bacillus</i> colonies. <b>2015</b> , 109, 56-66	17

1099	Structure and functional evaluation of porcine NANOG that is a single-exon gene and has two pseudogenes. <b>2015</b> , 59, 142-52	8
1098	Characterisation of three novel giant viruses reveals huge diversity among viruses infecting Prymnesiales (Haptophyta). <b>2015</b> , 476, 180-188	28
1097	Identification of AHK2- and AHK3-like cytokinin receptors in Brassica napus reveals two subfamilies of AHK2 orthologues. <b>2015</b> , 66, 339-53	20
1096	True morels ( <i>Morchella</i> , Pezizales) of Europe and North America: evolutionary relationships inferred from multilocus data and a unified taxonomy. <b>2015</b> , 107, 359-82	62
1095	Biodecolorization and biodegradation potential of recalcitrant triphenylmethane dyes by <i>Coriopsis</i> sp. isolated from compost. <b>2015</b> , 150, 274-280	93
1094	Phenotypic and molecular characterization and pathology of <i>Flectobacillus roseus</i> causing flectobacillosis in captive held carp <i>Labeo rohita</i> (Ham.) fingerlings. <b>2015</b> , 439, 60-65	13
1093	<i>Isospora streperae</i> n. sp. (Apicomplexa: Eimeriidae) from a grey currawong ( <i>Strepera versicolour plumbea</i> ) (Passeriformes: Artamidae) in Western Australia. <b>2015</b> , 151-152, 49-55	9
1092	High-affinity nitrate/nitrite transporter genes ( <i>Nrt2</i> ) in <i>Tisochrysis lutea</i> : identification and expression analyses reveal some interesting specificities of Haptophyta microalgae. <b>2015</b> , 154, 572-90	13
1091	Identification and characterization of LFD-2, a predicted fringe protein required for membrane integrity during cell fusion in <i>Neurospora crassa</i> . <b>2015</b> , 14, 265-77	8
1090	Ebola virus in West Africa: new conquered territories and new risks-or how I learned to stop worrying and (not) love Ebola virus. <b>2015</b> , 10, 70-6	13
1089	Plunging hands into the mushroom jar: a phylogenetic framework for Lyophyllaceae (Agaricales, Basidiomycota). <b>2015</b> , 143, 169-94	35
1088	Microbial growth under supercritical CO <sub>2</sub> . <b>2015</b> , 81, 2881-92	32
1087	'Big things in small packages: the genetics of filamentous phage and effects on fitness of their host'. <b>2015</b> , 39, 465-87	76
1086	Profiling of phosphatidylinositol 3-kinase (PI3K) proteins in insulin signaling pathway. <b>2015</b> , 175, 3431-46	3
1085	Proteome profile of the endomembrane of developing coleoptiles from switchgrass ( <i>Panicum virgatum</i> ). <b>2015</b> , 15, 2286-90	5
1084	Reduced synaptic density and deficient locomotor response in neuronal activity-regulated pentraxin 2a mutant zebrafish. <b>2015</b> , 29, 1220-34	16
1083	Evolution of FOXRED1, an FAD-dependent oxidoreductase necessary for NADH:ubiquinone oxidoreductase (Complex I) assembly. <b>2015</b> , 1847, 451-457	15
1082	Horizontal transmission of an R4 clade non-long terminal repeat retrotransposon between the divergent <i>Aedes</i> and <i>Anopheles</i> mosquito genera. <b>2015</b> , 24, 331-7	7

1081	Parallel functional changes in independent testis-specific duplicates of Aldehyde dehydrogenase in <i>Drosophila</i> . <b>2015</b> , 32, 1029-38	5
1080	Genetic and genomic analysis of RNases in model cyanobacteria. <b>2015</b> , 126, 171-83	18
1079	A small lytic polysaccharide monooxygenase from <i>Streptomyces griseus</i> targeting $\beta$ - and $\beta$ -chitin. <b>2015</b> , 282, 1065-79	52
1078	Metagenomic analysis of the viral community in Namib Desert hypoliths. <b>2015</b> , 17, 480-95	68
1077	Two bacterial group II phosphopantetheinyl transferases involved in both primary metabolism and secondary metabolism. <b>2015</b> , 70, 390-7	1
1076	A Role of AREB in the Regulation of PACC-Dependent Acid-Expressed-Genes and Pathogenicity of <i>Colletotrichum gloeosporioides</i> . <b>2015</b> , 28, 154-66	19
1075	The pearl millet mitogen-activated protein kinase PgMPK4 is involved in responses to downy mildew infection and in jasmonic- and salicylic acid-mediated defense. <b>2015</b> , 87, 287-302	10
1074	Invading slugs ( <i>Arion vulgaris</i> ) can be vectors for <i>Listeria monocytogenes</i> . <b>2015</b> , 118, 809-16	18
1073	Intragenomic distribution of RTE retroelements suggests intrachromosomal movement. <b>2015</b> , 23, 211-23	
1072	Stroma-bearing endophyte and its potential horizontal transmission ability in <i>Achnatherum sibiricum</i> . <b>2015</b> , 107, 21-31	10
1071	Involvement of two genetic lineages of <i>Sarcoptes scabiei</i> mites in a local mange epizootic of wild mammals in Japan. <b>2015</b> , 51, 69-78	16
1070	Identification of a novel carbohydrate esterase from <i>Bjerkandera adusta</i> : structural and function predictions through bioinformatics analysis and molecular modeling. <b>2015</b> , 83, 533-46	6
1069	14-3-3 proteins in plant-pathogen interactions. <b>2015</b> , 28, 511-8	66
1068	Molecular characterization and functional expression of the <i>Apis mellifera</i> voltage-dependent $Ca^{2+}$ channels. <b>2015</b> , 58, 12-27	16
1067	Functional characterization and developmental expression profiling of gibberellin signalling components in <i>Vitis vinifera</i> . <b>2015</b> , 66, 1463-76	23
1066	Eumetazoan cryptochrome phylogeny and evolution. <b>2015</b> , 7, 601-19	26
1065	Examination of the <i>Staphylococcus aureus</i> nitric oxide reductase (saNOR) reveals its contribution to modulating intracellular NO levels and cellular respiration. <b>2015</b> , 96, 651-69	26
1064	Clues to the functions of plant NDPK isoforms. <b>2015</b> , 388, 119-32	27

1063	A Eukaryotic Translation Initiation Factor 4E (eIF4E) is Responsible for the MaTobacco Recessive Resistance to Potyviruses. <b>2015</b> , 33, 609-623	29
1062	Reprogramming of plant cells induced by 6b oncoproteins from the plant pathogen Agrobacterium. <b>2015</b> , 128, 423-35	12
1061	Identification of neutral and acidic deoxyribonuclease activities in Tetrahymena thermophila life stages. <b>2015</b> , 51, 173-85	5
1060	A mutualistic endophyte alters the niche dimensions of its host plant. <b>2015</b> , 7,	20
1059	NSP1 of human rotaviruses commonly inhibits NF- $\kappa$ B signalling by inducing I $\kappa$ B degradation. <b>2015</b> , 96, 1768-76	14
1058	Role of Kröppel-like factors in cancer stem cells. <b>2015</b> , 71, 155-64	11
1057	Natural loss-of-function mutation of EDR1 conferring resistance to tomato powdery mildew in Arabidopsis thaliana accession C24. <b>2015</b> , 16, 71-82	8
1056	Characterization of a potential $\beta$ -lactamase inhibitory metabolite from a marine Streptomyces sp. PM49 active against multidrug-resistant pathogens. <b>2015</b> , 175, 3696-708	10
1055	Sioxanthin, a novel glycosylated carotenoid, reveals an unusual subclustered biosynthetic pathway. <b>2015</b> , 17, 2158-71	43
1054	The Role of Atonal Factors in Mechanosensory Cell Specification and Function. <b>2015</b> , 52, 1315-1329	24
1053	Comparative genomic and expression analysis of the adenosine signaling pathway members in Xenopus. <b>2015</b> , 11, 59-77	2
1052	Kinase activator-receiver preference in ErbB heterodimers is determined by intracellular regions and is not coupled to extracellular asymmetry. <b>2015</b> , 290, 1570-9	15
1051	Hamburger polyomaviruses. <b>2015</b> , 96, 833-839	28
1050	Genetics, genomics and evolution of ergot alkaloid diversity. <b>2015</b> , 7, 1273-302	63
1049	A single base substitution in BADH/AMADH is responsible for fragrance in cucumber (Cucumis sativus L.), and development of SNAP markers for the fragrance. <b>2015</b> , 128, 1881-92	28
1048	IBiSS, a versatile and interactive tool for integrated sequence and 3D structure analysis of large macromolecular complexes. <b>2015</b> , 31, 3339-44	3
1047	Comparative genomics reveals conserved positioning of essential genomic clusters in highly rearranged Thermococcales chromosomes. <b>2015</b> , 118, 313-21	11
1046	A phospholipid uptake system in the model plant Arabidopsis thaliana. <b>2015</b> , 6, 7649	52

1045	▯Carbonic Anhydrases: Structure, Distribution, and Potential Roles. <b>2015</b> , 337-349	2
1044	Isolation, characterization and functional analysis of full length p53 cDNA from Bubalus bubalis. <b>2015</b> , 568, 146-54	2
1043	Enteropathogenic and enteroaggregative E. coli in stools of children with acute gastroenteritis in Davidson County, Tennessee. <b>2015</b> , 83, 319-24	21
1042	Diversity of viral photosystem-I psaA genes. <b>2015</b> , 9, 1892-8	9
1041	Phylogenetic analysis of methionine synthesis genes from Thalassiosira pseudonana. <b>2015</b> , 4, 391	5
1040	Eimeria collieie n. sp. (Apicomplexa:Eimeriidae) from the western long-necked turtle (Chelodina colliei). <b>2015</b> , 154, 75-81	4
1039	The Arabian camel Camelus dromedarius heat shock protein 90▯cDNA cloning, characterization and expression. <b>2015</b> , 81, 195-204	6
1038	Phylogenetic framework of the systematically confused Anteholosticha-Holosticha complex (Ciliophora, Hypotrichia) based on multigene analysis. <b>2015</b> , 91, 238-47	41
1037	Tenebrionid secretions and a fungal benzoquinone oxidoreductase form competing components of an arms race between a host and pathogen. <b>2015</b> , 112, E3651-60	80
1036	Universal allosteric mechanism for G▯activation by GPCRs. <b>2015</b> , 524, 173-179	182
1035	Pseudo nucleotide composition or PseKNC: an effective formulation for analyzing genomic sequences. <b>2015</b> , 11, 2620-34	256
1034	Combining natural sequence variation with high throughput mutational data to reveal protein interaction sites. <b>2015</b> , 11, e1004918	18
1033	MNADK, a Long-Awaited Human Mitochondrion-Localized NAD Kinase. <b>2015</b> , 230, 1697-701	28
1032	Drosophila Small Heat Shock Proteins: An Update on Their Features and Functions. <b>2015</b> , 579-606	17
1031	Morphological and molecular genetic characterization of three Capillaria spp. (Capillaria anatis, Capillaria pudendotecta, and Capillaria madseni) and Baruscapillaria obsignata (Nematoda: Trichuridae: Capillariinae) in avians. <b>2015</b> , 114, 4011-22	18
1030	Phylogenetic and chemotypic diversity of Periglandula species in eight new morning glory hosts (Convolvulaceae). <b>2015</b> , 107, 667-78	19
1029	Comparative genomics of a cannabis pathogen reveals insight into the evolution of pathogenicity in Xanthomonas. <b>2015</b> , 6, 431	29
1028	Composition of Bacterial Communities Associated with Aurelia aurita Changes with Compartment, Life Stage, and Population. <b>2015</b> , 81, 6038-52	47

1027	A non-canonical RNA silencing pathway promotes mRNA degradation in basal Fungi. <b>2015</b> , 11, e1005168	41
1026	Differentiation between Israeli B. bovis vaccine strain and field isolates. <b>2015</b> , 208, 159-68	5
1025	Biosorption and biodegradation potential of triphenylmethane dyes by newly discovered <i>Penicillium simplicissimum</i> isolated from indoor wastewater sample. <b>2015</b> , 103, 1-7	58
1024	BEACH-domain proteins act together in a cascade to mediate vacuolar protein trafficking and disease resistance in <i>Arabidopsis</i> . <b>2015</b> , 8, 389-98	16
1023	Identification of a <i>Taraxacum brevicorniculatum</i> rubber elongation factor protein that is localized on rubber particles and promotes rubber biosynthesis. <b>2015</b> , 82, 609-20	34
1022	Identification of viruses associated with larvae of the dragonfly <i>Leucorrhinia dubia</i> , and damselfly <i>Coenagrion puella</i> from RNA sequencing data. <b>2015</b> , 18, 81-88	2
1021	Aldehyde dehydrogenase homologous folate enzymes: Evolutionary switch between cytoplasmic and mitochondrial localization. <b>2015</b> , 234, 12-7	8
1020	Analysis of splice variants for the <i>C. elegans</i> orthologue of human neuroligin reveals a developmentally regulated transcript. <b>2015</b> , 17, 69-78	7
1019	Inositol transport proteins. <b>2015</b> , 589, 1049-58	65
1018	The transmembrane Bax inhibitor motif (TMBIM) containing protein family: Tissue expression, intracellular localization and effects on the ER $Ca^{2+}$ -filling state. <b>2015</b> , 1853, 2104-14	55
1017	<i>vasa</i> and <i>piwi</i> are required for mitotic integrity in early embryogenesis in the spider <i>Parasteatoda tepidariorum</i> . <b>2015</b> , 402, 276-90	37
1016	Molecular characterization of a novel amalgavirus from the entomopathogenic fungus <i>Beauveria bassiana</i> . <b>2015</b> , 160, 1585-8	22
1015	The microbiome of uncontacted Amerindians. <b>2015</b> , 1,	517
1014	Backbone structures in human milk oligosaccharides: trans-glycosylation by metagenomic $\beta$ -N-acetylhexosaminidases. <b>2015</b> , 99, 7997-8009	34
1013	Overexpression of Pa_1_10620 encoding a mitochondrial <i>Podospora anserina</i> protein with homology to superoxide dismutases and ribosomal proteins leads to lifespan extension. <b>2015</b> , 61, 73-86	6
1012	The intraspecific variability of mitochondrial genes of <i>Agaricus bisporus</i> reveals an extensive group I intron mobility combined with low nucleotide substitution rates. <b>2015</b> , 61, 87-102	9
1011	The description of <i>Centrorhynchus globirostris</i> n. sp. (Acanthocephala: Centrorhynchidae) from the pheasant crow, <i>Centropus sinensis</i> (Stephens) in Pakistan, with gene sequence analysis and emendation of the family diagnosis. <b>2015</b> , 114, 2291-9	13
1010	Pirin1 Is a Non-Circadian Regulated Transcript and Protein, but Highly Responsive to Light/Dark Periods in the Seed-to-Seedling Transition in <i>Arabidopsis thaliana</i> . <b>2015</b> , 33, 1336-1348	1

1009	Genomic structure and evolution of beta-defensin genes in the golden pheasant and hwamei. <b>2015</b> , 60, 679-690	3
1008	Comparative Genome Analysis of <i>Lactobacillus casei</i> : Insights into Genomic Diversification for Niche Expansion. <b>2015</b> , 55, 102-107	11
1007	An effective microplate method (Biolog MT2) for screening native lignocellulosic-straw-degrading bacteria. <b>2015</b> , 65, 2053-2064	12
1006	Whole genome comparative analysis of transposable elements provides new insight into mechanisms of their inactivation in fungal genomes. <b>2015</b> , 16, 141	67
1005	Characterization of the transcriptome of fast and slow muscle myotomal fibres in the pacu ( <i>Piaractus mesopotamicus</i> ). <b>2015</b> , 16, 182	21
1004	Analysis of the complete mitochondrial genome of <i>Pochonia chlamydosporia</i> suggests a close relationship to the invertebrate-pathogenic fungi in Hypocreales. <b>2015</b> , 15, 5	41
1003	Diversity of malaria parasites in great apes in Gabon. <b>2015</b> , 14, 111	35
1002	Selective expression of sense and antisense transcripts of the sushi-ichi-related retrotransposon--derived family during mouse placentogenesis. <b>2015</b> , 12, 9	28
1001	Genetic Relatedness Among <i>Escherichia coli</i> Pathotypes Isolated from Food Products for Human Consumption in Cartagena, Colombia. <b>2015</b> , 12, 454-61	15
1000	Two distinct <i>Epichloa</i> species symbiotic with <i>Achnatherum inebrians</i> , drunken horse grass. <b>2015</b> , 107, 863-73	45
999	Validation of hierarchical cluster analysis for identification of bacterial species using 42 bacterial isolates. <b>2015</b> ,	3
998	The Genetic Components Involved in Sensing Chilling Requirements in Apricot. <b>2015</b> , 159-168	1
997	Impact of Protein Palmitoylation on the Virulence Potential of <i>Cryptococcus neoformans</i> . <b>2015</b> , 14, 626-35	12
996	Sequence analysis reveals a conserved extension in the capping enzyme of the alphavirus supergroup, and a homologous domain in nodaviruses. <b>2015</b> , 10, 16	54
995	Two-Year Follow-Up of Macaques Developing Intermittent Control of the Human Immunodeficiency Virus Homolog Simian Immunodeficiency Virus SIVmac251 in the Chronic Phase of Infection. <b>2015</b> , 89, 7521-35	17
994	Dog UDP-glucuronosyltransferase enzymes of subfamily 1A: cloning, expression, and activity. <b>2015</b> , 43, 107-18	12
993	Cocktail of H5N1 COBRA HA vaccines elicit protective antibodies against H5N1 viruses from multiple clades. <b>2015</b> , 11, 572-83	52
992	Characterization of five putative aspartate aminotransferase genes in the N2-fixing heterocystous cyanobacterium <i>Anabaena</i> sp. strain PCC 7120. <b>2015</b> , 161, 1219-30	9

991	Minimally destructive sampling of type specimens of <i>Pyropia</i> (Bangiales, Rhodophyta) recovers complete plastid and mitochondrial genomes. <b>2014</b> , 4, 5113		38
990	The multihued palette of dye-decolorizing peroxidases. <b>2015</b> , 574, 56-65		60
989	Morphology and phylogeny of three trachelocercid ciliates, with description of a new species, <i>Trachelocerca orientalis</i> spec. nov. (Ciliophora, Karyorelictea). <b>2015</b> , 62, 157-66		13
988	Marine extremophiles: a source of hydrolases for biotechnological applications. <b>2015</b> , 13, 1925-65		176
987	Spontaneous dominant mutations in <i>Chlamydomonas</i> highlight ongoing evolution by gene diversification. <b>2015</b> , 27, 984-1001		25
986	The biology of IQGAP proteins: beyond the cytoskeleton. <b>2015</b> , 16, 427-46		124
985	Complete genome sequence of Pig-tailed macaque rhadinovirus 2 and its evolutionary relationship with rhesus macaque rhadinovirus and human herpesvirus 8/Kaposi's sarcoma-associated herpesvirus. <b>2015</b> , 89, 3888-909		13
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983	Flowers and mycorrhizal roots--closer than we think?. <b>2015</b> , 20, 344-50		9
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