

# CITATION REPORT

List of articles citing

## Primer3--new capabilities and interfaces

DOI: 10.1093/nar/gks596

Nucleic Acids Research, 2012, 40, e115.

**Source:** <https://exaly.com/paper-pdf/52660451/citation-report.pdf>

**Version:** 2024-04-25

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

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

#	Paper	IF	Citations
2253	Virus pathogen database and analysis resource (ViPR): a comprehensive bioinformatics database and analysis resource for the coronavirus research community. <b>2012</b> , 4, 3209-26		91
2252	Not all sequence tags are created equal: designing and validating sequence identification tags robust to indels. <b>2012</b> , 7, e42543		207
2251	Applying and testing the conveniently optimized enzyme mismatch cleavage method to clinical DNA diagnosis. <b>2012</b> , 107, 580-5		10
2250	Age-related changes in structure and extracellular matrix protein expression levels in rat tendons. <b>2013</b> , 35, 2203-14		66
2249	Comparative genomics of four Liliales families inferred from the complete chloroplast genome sequence of <i>Veratrum patulum</i> O. Loes. (Melanthiaceae). <b>2013</b> , 530, 229-35		37
2248	Predicting and manipulating cardiac drug inactivation by the human gut bacterium <i>Eggerthella lenta</i> . <b>2013</b> , 341, 295-8		368
2247	FishMicrosat: a microsatellite database of commercially important fishes and shellfishes of the Indian subcontinent. <b>2013</b> , 14, 630		19
2246	Impact of heart failure on the behavior of human neonatal stem cells in vitro. <b>2013</b> , 11, 236		6
2245	A multiple-alignment based primer design algorithm for genetically highly variable DNA targets. <b>2013</b> , 14, 255		30
2244	Online exercise for the design and simulation of PCR and PCR-RFLP experiments. <b>2013</b> , 6, 513		29
2243	Nonbactericidal secreted phospholipase A2s are potential anti-inflammatory factors in the mammary gland. <b>2013</b> , 65, 861-71		16
2242	Determination of the CCR5B2 frequency in Emiratis and Tunisians and the screening of the CCR5 gene for novel alleles in Emiratis. <b>2013</b> , 529, 113-8		7
2241	Expression profile and function of Wnt signaling mechanisms in malignant mesothelioma cells. <b>2013</b> , 440, 82-7		27
2240	A versatile genome-scale PCR-based pipeline for high-definition DNA FISH. <b>2013</b> , 10, 122-124		48
2239	Identification of novel exons and transcripts by comprehensive RNA-Seq of horn cancer transcriptome in <i>Bos indicus</i> . <b>2013</b> , 165, 37-44		11
2238	Cytogenetics and characterization of microsatellite loci for a South American pioneer tree species, <i>Croton floribundus</i> . <b>2013</b> , 56, 743-51		6
2237	Cloning, characterization and effect of TmPGRP-LE gene silencing on survival of <i>Tenebrio molitor</i> against <i>Listeria monocytogenes</i> infection. <b>2013</b> , 14, 22462-82		18

2236	Quantitative assay for TALEN activity at endogenous genomic loci. <b>2013</b> , 2, 363-7	33
2235	CistromeFinder for ChIP-seq and DNase-seq data reuse. <b>2013</b> , 29, 1352-4	15
2234	A genome-wide association study of central corneal thickness in Latinos. <b>2013</b> , 54, 2435-43	45
2233	Root ethylene signalling is involved in <i>Miscanthus sinensis</i> growth promotion by the bacterial endophyte <i>Herbaspirillum frisingense</i> GSF30(T). <b>2013</b> , 64, 4603-15	60
2232	An accessible database for mouse and human whole transcriptome qPCR primers. <b>2013</b> , 29, 1355-6	18
2231	Derivation of induced pluripotent stem cells from the baboon: a nonhuman primate model for preclinical testing of stem cell therapies. <b>2013</b> , 15, 495-502	20
2230	Bisected, complex N-glycans and galectins in mouse mammary tumor progression and human breast cancer. <b>2013</b> , 23, 1477-90	23
2229	X-linked intellectual disability type Nascimento is a clinically distinct, probably underdiagnosed entity. <b>2013</b> , 8, 146	16
2228	Frequency and origin of haplotypes associated with the beta-globin gene cluster in individuals with trait and sickle cell anemia in the Atlantic and Pacific coastal regions of Colombia. <b>2013</b> , 36, 494-7	8
2227	The Antarctic krill <i>Euphausia superba</i> shows diurnal cycles of transcription under natural conditions. <b>2013</b> , 8, e68652	33
2226	PD5: a general purpose library for primer design software. <b>2013</b> , 8, e80156	5
2225	INDIGO - INtegrated data warehouse of microbial genomes with examples from the red sea extremophiles. <b>2013</b> , 8, e82210	62
2224	Quantitative PCR as a predictor of aligned ancient DNA read counts following targeted enrichment. <b>2013</b> , 55, 300-9	33
2223	Accumulation of kaempferitrin and expression of phenyl-propanoid biosynthetic genes in kenaf ( <i>Hibiscus cannabinus</i> ). <b>2014</b> , 19, 16987-97	14
2222	Whole-genome sequencing of the world's oldest people. <b>2014</b> , 9, e112430	46
2221	Comprehensive analysis of alternative splicing in <i>Digitalis purpurea</i> by strand-specific RNA-Seq. <b>2014</b> , 9, e106001	12
2220	Reference genes for real-time PCR quantification of messenger RNAs and microRNAs in mouse model of obesity. <b>2014</b> , 9, e86033	42
2219	Transcriptomics and identification of the chemoreceptor superfamily of the pupal parasitoid of the oriental fruit fly, <i>Spalangia endius</i> Walker (Hymenoptera: Pteromalidae). <b>2014</b> , 9, e87800	12

2218	Local extinction and unintentional rewilding of bighorn sheep ( <i>Ovis canadensis</i> ) on a desert island. <b>2014</b> , 9, e91358	14
2217	<i>Wolbachia</i> in the flesh: symbiont intensities in germ-line and somatic tissues challenge the conventional view of <i>Wolbachia</i> transmission routes. <b>2014</b> , 9, e95122	30
2216	Subunits of the <i>Drosophila</i> actin-capping protein heterodimer regulate each other at multiple levels. <b>2014</b> , 9, e96326	10
2215	Knockdown of the <i>Rhipicephalus microplus</i> cytochrome c oxidase subunit III gene is associated with a failure of <i>Anaplasma marginale</i> transmission. <b>2014</b> , 9, e98614	11
2214	First evidence of inbreeding, relatedness and chaotic genetic patchiness in the holoplanktonic jellyfish <i>Pelagia noctiluca</i> (Scyphozoa, Cnidaria). <b>2014</b> , 9, e99647	30
2213	Transcriptome analysis of " <i>Candidatus Liberibacter solanacearum</i> " in its psyllid vector, <i>Bactericera cockerelli</i> . <b>2014</b> , 9, e100955	13
2212	Non-coding polymorphisms in nucleotide binding domain 1 in <i>ABCC1</i> gene associate with transcript level and survival of patients with breast cancer. <b>2014</b> , 9, e101740	12
2211	Conserved gene order and expanded inverted repeats characterize plastid genomes of <i>Thalassiosirales</i> . <b>2014</b> , 9, e107854	25
2210	Phosphate concentration and arbuscular mycorrhizal colonisation influence the growth, yield and expression of twelve PHT1 family phosphate transporters in foxtail millet ( <i>Setaria italica</i> ). <b>2014</b> , 9, e108459	59
2209	Expressed repeat elements improve RT-qPCR normalization across a wide range of zebrafish gene expression studies. <b>2014</b> , 9, e109091	27
2208	Looking the cow in the eye: deletion in the <i>NID1</i> gene is associated with recessive inherited cataract in Romagnola cattle. <b>2014</b> , 9, e110628	19
2207	Differential behavior within a grapevine cluster: decreased ethylene-related gene expression dependent on auxin transport is correlated with low abscission of first developed berries. <b>2014</b> , 9, e111258	14
2206	Multiple thyrotropin $\beta$ subunit and thyrotropin receptor-related genes arose during vertebrate evolution. <b>2014</b> , 9, e111361	21
2205	Pleiotropic impact of endosymbiont load and co-occurrence in the maize weevil <i>Sitophilus zeamais</i> . <b>2014</b> , 9, e111396	16
2204	Transgene detection by digital droplet PCR. <b>2014</b> , 9, e111781	15
2203	SNaPshot assay for the detection of the most common <i>CFTR</i> mutations in infertile men. <b>2014</b> , 9, e112498	6
2202	Homozygosity mapping and whole exome sequencing reveal a novel homozygous <i>COL18A1</i> mutation causing Knobloch syndrome. <b>2014</b> , 9, e112747	12
2201	Phenolic compounds and expression of 4CL genes in silver birch clones and Pt4CL1a lines. <b>2014</b> , 9, e114434	13

2200	No mutations in the PSMC3IP gene identified in a Swedish cohort of women with primary ovarian insufficiency. <b>2014</b> , 8, 146-50	9
2199	Molecular characterization of carotenoid biosynthetic genes and carotenoid accumulation in <i>Lycium chinense</i> . <b>2014</b> , 19, 11250-62	7
2198	Calmodulin Gene Expression in Response to Mechanical Wounding and <i>Botrytis cinerea</i> Infection in Tomato Fruit. <b>2014</b> , 3, 427-41	13
2197	Riboflavin accumulation and molecular characterization of cDNAs encoding bifunctional GTP cyclohydrolase II/3,4-dihydroxy-2-butanone 4-phosphate synthase, lumazine synthase, and riboflavin synthase in different organs of <i>Lycium chinense</i> plant. <b>2014</b> , 19, 17141-53	6
2196	OligArch: A software tool to allow artificially expanded genetic information systems (AEGIS) to guide the autonomous self-assembly of long DNA constructs from multiple DNA single strands. <b>2014</b> , 10, 1826-33	5
2195	Análise de associação quanto à produtividade e seus caracteres componentes em linhagens e cultivares de arroz de terras altas. <b>2014</b> , 49, 771-782	3
2194	A novel virus-inducible enhancer of the interferon- $\beta$ gene with tightly linked promoter and enhancer activities. <i>Nucleic Acids Research</i> , <b>2014</b> , 42, 12537-54	20.1 20
2193	Fine-mapping of the apple scab resistance locus Rvi12 (Vb) derived from <i>Malus baccata</i> #2. <b>2014</b> , 34, 2119-2129	15
2192	Effects of salinity on metabolic rate and branchial expression of genes involved in ion transport and metabolism in Mozambique tilapia ( <i>Oreochromis mossambicus</i> ). <b>2014</b> , 178, 121-31	20
2191	Reliability of qPCR for quantitative gut content estimation in the circumglobally abundant pelagic tunicate <i>Doliolleta gegenbauri</i> (Tunicata, Thaliacea). <b>2014</b> , 1, 18-24	10
2190	Transcriptional analysis of different stress response genes in <i>Escherichia coli</i> strains subjected to sodium chloride and lactic acid stress. <b>2014</b> , 361, 131-7	8
2189	An easy-to-use primer design tool to address paralogous loci and T-DNA insertion sites in the genome of <i>Arabidopsis thaliana</i> . <b>2014</b> , 10, 28	7
2188	MicroRNA-34 family expression in bovine gametes and preimplantation embryos. <b>2014</b> , 12, 85	48
2187	16S rRNA gene pyrosequencing of reference and clinical samples and investigation of the temperature stability of microbiome profiles. <b>2014</b> , 2, 31	46
2186	Inheritance and molecular mapping of anthracnose resistance genes present in sorghum line SC112-14. <b>2014</b> , 34, 1943-1953	23
2185	Paternal X inactivation does not correlate with X chromosome evolutionary strata in marsupials. <b>2014</b> , 14, 267	5
2184	Transcriptomic analysis reveals tomato genes whose expression is induced specifically during effector-triggered immunity and identifies the Epk1 protein kinase which is required for the host response to three bacterial effector proteins. <b>2014</b> , 15, 492	52
2183	Allelic diversity in the transcriptomes of contrasting rust-infected genotypes of <i>Lathyrus sativus</i> , a lasting resource for smart breeding. <b>2014</b> , 14, 376	31

2182	Heterozygous DLX5 nonsense mutation associated with isolated split-hand/foot malformation with reduced penetrance and variable expressivity in two unrelated families. <b>2014</b> , 100, 764-71	13
2181	A small XY chromosomal region explains sex determination in wild dioecious <i>V. vinifera</i> and the reversal to hermaphroditism in domesticated grapevines. <b>2014</b> , 14, 229	71
2180	High-resolution melting analysis reveals low <i>Plasmodium</i> parasitaemia infections among microscopically negative febrile patients in western Kenya. <b>2014</b> , 13, 429	25
2179	"Genotype-first" approaches on a curious case of idiopathic progressive cognitive decline. <b>2014</b> , 7, 66	2
2178	Chemokine (C-C Motif) receptor 1 is required for efficient recruitment of neutrophils during respiratory infection with modified vaccinia virus Ankara. <b>2014</b> , 88, 10840-50	13
2177	Distribution of the foliar fungal endophyte <i>Phialocephala scopiformis</i> and its toxin in the crown of a mature white spruce tree as revealed by chemical and qPCR analyses. <b>2014</b> , 44, 1138-1143	26
2176	Alternative sigma factors SigF, SigE, and SigG are essential for sporulation in <i>Clostridium botulinum</i> ATCC 3502. <b>2014</b> , 80, 5141-50	19
2175	Transcriptomes and proteomes define gene expression progression in pre-meiotic maize anthers. <b>2014</b> , 4, 993-1010	30
2174	Modeling Genomic Imprinting Disorders Using Induced Pluripotent Stem Cells. <b>2016</b> , 1353, 45-64	3
2173	Dynamic changes in the subcellular distribution of the tobacco ROS-producing enzyme RBOHD in response to the oomycete elicitor cryptogein. <b>2014</b> , 65, 5011-22	41
2172	Regulation of <i>Schistosoma mansoni</i> development and reproduction by the mitogen-activated protein kinase signaling pathway. <b>2014</b> , 8, e2949	40
2171	Cloning and expression characteristics of the pig <i>Stra8</i> gene. <b>2014</b> , 15, 12480-94	3
2170	Functional characterization of a bidirectional plant promoter from cotton leaf curl Burewala virus using an <i>Agrobacterium</i> -mediated transient assay. <b>2014</b> , 6, 223-42	14
2169	Pseudoautosomal region 1 length polymorphism in the human population. <b>2014</b> , 10, e1004578	19
2168	Heterozygous de novo and inherited mutations in the smooth muscle actin ( <i>ACTG2</i> ) gene underlie megacystis-microcolon-intestinal hypoperistalsis syndrome. <b>2014</b> , 10, e1004258	95
2167	Immunolocalization of anti-hsf1 to the acetabular glands of infectious schistosomes suggests a non-transcriptional function for this transcriptional activator. <b>2014</b> , 8, e3051	5
2166	Global changes in mineral transporters in tetraploid switchgrasses ( <i>Panicum virgatum</i> L.). <b>2014</b> , 4, 549	13
2165	Transcriptional control of steroid biosynthesis genes in the <i>Drosophila</i> prothoracic gland by ventral veins lacking and knirps. <b>2014</b> , 10, e1004343	37

2164	The <i>Listeria</i> Small RNA Rli27 Regulates a Cell Wall Protein inside Eukaryotic Cells by Targeting a Long 5'-UTR Variant. <b>2014</b> , 10, e1004765	37
2163	Development and validation of a multiplex reverse transcription PCR assay for simultaneous detection of three papaya viruses. <b>2014</b> , 6, 3893-906	17
2162	A <i>trnI</i> _CAU triplication event in the complete chloroplast genome of <i>Paris verticillata</i> M.Bieb. (Melanthiaceae, Liliales). <b>2014</b> , 6, 1699-706	21
2161	Identification of a duplication within the GDF9 gene and novel candidate genes for primary ovarian insufficiency (POI) by a customized high-resolution array comparative genomic hybridization platform. <b>2014</b> , 29, 1818-27	37
2160	Identification of a novel gene for diabetic traits in rats, mice, and humans. <b>2014</b> , 198, 17-29	36
2159	Complete Mitochondrial Genome of <i>Diuraphis noxia</i> (Hemiptera: Aphididae) from Nine Populations, SNP Variation between Populations, and Comparison with Other Aphididae Species. <b>2014</b> , 22, 847-862	8
2158	Physiological roles for <i>mafr-1</i> in reproduction and lipid homeostasis. <b>2014</b> , 9, 2180-91	40
2157	Complete Genome Sequence of Amino Acid-Utilizing Eubacterium <i>acidaminophilum</i> al-2 (DSM 3953). <b>2014</b> , 2,	9
2156	Improved Draft Genome Sequence of Probiotic Strain <i>Lactobacillus gasseri</i> K7. <b>2014</b> , 2,	9
2155	Draft Genome Sequence of <i>Bacillus pumilus</i> Fairview, an Isolate Recovered from a Microbial Methanogenic Enrichment of Coal Seam Gas Formation Water from Queensland, Australia. <b>2014</b> , 2,	4
2154	Identification of reference genes for RT-qPCR in ovine mammary tissue during late pregnancy and lactation and in response to maternal nutritional programming. <b>2014</b> , 46, 560-70	9
2153	FastPCR software for PCR, in silico PCR, and oligonucleotide assembly and analysis. <b>2014</b> , 1116, 271-302	60
2152	The contractile vacuole as a key regulator of cellular water flow in <i>Chlamydomonas reinhardtii</i> . <b>2014</b> , 13, 1421-30	24
2151	<i>Dehalococcoides mccartyi</i> strain JNA dechlorinates multiple chlorinated phenols including pentachlorophenol and harbors at least 19 reductive dehalogenase homologous genes. <b>2014</b> , 48, 14300-8	34
2150	Mitochondrial serine protease HTRA2 p.G399S in a kindred with essential tremor and Parkinson disease. <b>2014</b> , 111, 18285-90	96
2149	Microsatellite primers for <i>Camissoniopsis cheiranthifolia</i> (Onagraceae) and cross-amplification in related species. <b>2014</b> , 2, 1400057	3
2148	Primers-4-Yeast: a comprehensive web tool for planning primers for <i>Saccharomyces cerevisiae</i> . <b>2014</b> , 31, 77-80	27
2147	Comparative assessment of genetic diversity between wild and cultivated barley using gSSR and EST-SSR markers. <b>2014</b> , 133, 28-35	17

2146	Unlocking the secondary gene-pool of barley with next-generation sequencing. <b>2014</b> , 12, 1122-31	64
2145	The sucrose transporter SISUT2 from tomato interacts with brassinosteroid functioning and affects arbuscular mycorrhiza formation. <b>2014</b> , 78, 877-89	70
2144	The paradox of marine heterotrophic nitrogen fixation: abundances of heterotrophic diazotrophs do not account for nitrogen fixation rates in the Eastern Tropical South Pacific. <b>2014</b> , 16, 3095-114	70
2143	A serum-free medium developed for in vitro expansion of murine intestinal stem cells. <b>2014</b> , 9, 962-70	7
2142	A molecular diagnostic tool for the preliminary assessment of host-parasitoid associations in biological control programmes for a new invasive pest. <b>2014</b> , 23, 3912-24	59
2141	Altered growth and improved resistance of <i>Arabidopsis</i> against <i>Pseudomonas syringae</i> by overexpression of the basic amino acid transporter AtCAT1. <b>2014</b> , 37, 1404-14	32
2140	Development of novel microRNA-based genetic markers in foxtail millet for genotyping applications in related grass species. <b>2014</b> , 34, 2219-2224	48
2139	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
2138	Mathematical tools to optimize the design of oligonucleotide probes and primers. <b>2014</b> , 98, 9595-608	11
2137	Canine CD4(+)CD8(+) double-positive T cells can develop from CD4(+) and CD8(+) T cells. <b>2014</b> , 162, 72-82	9
2136	Flow-mediated plasticity in the expression of stickleback nesting glue genes. <b>2014</b> , 4, 1233-42	4
2135	Chronic exposure to pentachlorophenol alters thyroid hormones and thyroid hormone pathway mRNAs in zebrafish. <b>2014</b> , 33, 170-6	31
2134	<i>Burkholderia pseudomallei</i> isolates from Sarawak, Malaysian Borneo, are predominantly susceptible to aminoglycosides and macrolides. <b>2014</b> , 58, 162-6	42
2133	ChloroSSRdb: a repository of perfect and imperfect chloroplastic simple sequence repeats (cpSSRs) of green plants. <b>2014</b> , 2014,	12
2132	First report of a novel LMNA mutation in a Chinese family with limb-girdle muscular dystrophy. <b>2014</b> , 93, 843-7	3
2131	RNA-seq analysis of broiler liver transcriptome reveals novel responses to high ambient temperature. <b>2014</b> , 15, 1084	58
2130	Two recessive mutations in FGF5 are associated with the long-hair phenotype in donkeys. <b>2014</b> , 46, 65	25
2129	Shoot chloride exclusion and salt tolerance in grapevine is associated with differential ion transporter expression in roots. <b>2014</b> , 14, 273	56



2128	Novel locked nucleic acid (LNA)-based probe for the rapid identification of <i>Chlamydia suis</i> using real-time PCR. <b>2014</b> , 10, 225		7
2127	Tumor-expressed adrenomedullin accelerates breast cancer bone metastasis. <b>2014</b> , 16, 458		26
2126	PrecisePrimer: an easy-to-use web server for designing PCR primers for DNA library cloning and DNA shuffling. <i>Nucleic Acids Research</i> , <b>2014</b> , 42, W205-9	20.1	5
2125	Computational intelligence-based polymerase chain reaction primer selection based on a novel teaching-learning-based optimisation. <b>2014</b> , 8, 238-46		12
2124	Settling down: the genome of <i>Serratia symbiotica</i> from the aphid <i>Cinara tujaefilina</i> zooms in on the process of accommodation to a cooperative intracellular life. <b>2014</b> , 6, 1683-98		59
2123	The complete mitochondrial genome sequence of <i>Hepatozoon catesbiana</i> e (Apicomplexa: Coccidia: Adeleorina), a blood parasite of the green frog, <i>Lithobates</i> (formerly <i>Rana</i> ) <i>clamitans</i> . <b>2014</b> , 100, 651-6		15
2122	Parallel evolution of tetrodotoxin resistance in three voltage-gated sodium channel genes in the garter snake <i>Thamnophis sirtalis</i> . <b>2014</b> , 31, 2836-46		42
2121	Sex-determination system in the diploid yeast <i>Zygosaccharomyces sapae</i> . <b>2014</b> , 4, 1011-25		9
2120	A comprehensive whole-genome integrated cytogenetic map for the alpaca ( <i>Lama pacos</i> ). <b>2014</b> , 144, 196-207		20
2119	Synthetic gestagens exert differential effects on arterial thrombosis and aortic gene expression in ovariectomized apolipoprotein E-deficient mice. <b>2014</b> , 171, 5032-48		5
2118	Evaluation of normalization reference genes for RT-qPCR analysis of <i>spo0A</i> and four sporulation sigma factor genes in <i>Clostridium botulinum</i> Group I strain ATCC 3502. <b>2014</b> , 26, 14-9		24
2117	Nested-quantitative PCR approach with improved sensitivity for the detection of low titer levels of <i>Candidatus Liberibacter asiaticus</i> in the Asian citrus psyllid, <i>Diaphorina citri</i> Kuwayama. <b>2014</b> , 102, 15-22		35
2116	PrimerSeq: Design and visualization of RT-PCR primers for alternative splicing using RNA-seq data. <b>2014</b> , 12, 105-9		10
2115	Elucidating cold acclimation pathway in blueberry by transcriptome profiling. <b>2014</b> , 106, 87-98		27
2114	Development and characterization of new microsatellite markers for Amur sturgeon ( <i>Acipenser schrenckii</i> ). <b>2014</b> , 6, 65-67		1
2113	Genomic characterization of self-incompatibility ribonucleases in the Central Asian pear germplasm and introgression of new alleles from other species of the genus <i>Pyrus</i> . <b>2014</b> , 10, 411-428		11
2112	Development of anonymous nuclear markers from Illumina paired-end data for Seychelles caecilian amphibians ( <i>Gymnophiona</i> : <i>Indotyphlidae</i> ). <b>2014</b> , 6, 289-291		6
2111	Physiological characterization of the high malic acid-producing <i>Aspergillus oryzae</i> strain 2103a-68. <b>2014</b> , 98, 3517-27		41

2110	Microsatellite primer development for the salt marsh harvest mouse ( <i>Reithrodontomys raviventris</i> ) and cross-amplification in the western harvest mouse ( <i>R. megalotis</i> ). <b>2014</b> , 6, 285-287	1
2109	Multiplex nucleic acid amplification test for diagnosis of dengue fever, malaria, and leptospirosis. <b>2014</b> , 52, 2011-8	26
2108	Genome- and transcriptome-assisted development of nuclear insertion/deletion markers for <i>Calanus</i> species (Copepoda: Calanoida) identification. <b>2014</b> , 14, 1072-9	20
2107	Evolution of the hemagglutinin gene of the influenza A(H1N1)pdm09 virus in Morocco during two influenza seasons 2009-2011. <b>2014</b> , 68, 372-80	3
2106	Identification of sex-specific molecular markers using restriction site-associated DNA sequencing. <b>2014</b> , 14, 902-13	85
2105	Multiple divergent haplotypes express completely distinct sets of class I MHC genes in zebrafish. <b>2014</b> , 66, 199-213	24
2104	Characterization of polymorphic microsatellite loci in the Antarctic krill <i>Euphausia superba</i> . <b>2014</b> , 7, 73	5
2103	Development and evaluation of STS diagnostic marker to track turmeric ( <i>Curcuma longa</i> L.) resistance against rhizome rot caused by <i>Pythium aphanidermatum</i> . <b>2014</b> , 43, 167-175	6
2102	Transposon-based high sequence diversity in Avr-Pita alleles increases the potential for pathogenicity of <i>Magnaporthe oryzae</i> populations. <b>2014</b> , 14, 419-29	13
2101	Microbial enterotypes, inferred by the prevotella-to-bacteroides ratio, remained stable during a 6-month randomized controlled diet intervention with the new nordic diet. <b>2014</b> , 80, 1142-9	101
2100	Advancing USER cloning into simpleUSER and nicking cloning. <b>2014</b> , 96, 42-9	12
2099	A SWI/SNF-related autism syndrome caused by de novo mutations in ADNP. <b>2014</b> , 46, 380-4	197
2098	Origins and functional evolution of Y chromosomes across mammals. <b>2014</b> , 508, 488-93	339
2097	ChildSeq-RNA: A next-generation sequencing-based diagnostic assay to identify known fusion transcripts in childhood sarcomas. <b>2014</b> , 16, 361-70	24
2096	Channel catfish hemoglobin genes: identification, phylogenetic and syntenic analysis, and specific induction in response to heat stress. <b>2014</b> , 9, 11-22	9
2095	De novo finished 2.8 Mbp <i>Staphylococcus aureus</i> genome assembly from 100 bp short and long range paired-end reads. <b>2014</b> , 30, 40-9	43
2094	Genetic variation of the whole ICAM4 gene in Caucasians and African Americans. <b>2014</b> , 54, 2315-24	5
2093	Characterization of the Rx1-dependent transcriptome during early retinal development. <b>2014</b> , 243, 1352-61	12

2092	Heparan sulfate glycosaminoglycans modulate migration and survival in zebrafish primordial germ cells. <b>2014</b> , 81, 1275-85.e1-2	8
2091	Behavioural and transcriptional changes in the amphipod <i>Echinogammarus marinus</i> exposed to two antidepressants, fluoxetine and sertraline. <b>2014</b> , 151, 46-56	90
2090	Clofarabine, a novel adenosine analogue, reactivates DNA methylation-silenced tumour suppressor genes and inhibits cell growth in breast cancer cells. <b>2014</b> , 723, 276-87	24
2089	Systematic analysis of noncoding somatic mutations and gene expression alterations across 14 tumor types. <b>2014</b> , 46, 1258-63	215
2088	Anchored multiplex PCR for targeted next-generation sequencing. <b>2014</b> , 20, 1479-84	536
2087	Comparative analysis of the domestic cat genome reveals genetic signatures underlying feline biology and domestication. <b>2014</b> , 111, 17230-5	184
2086	A nitrogen-dependent switch in the high affinity ammonium transport in <i>Medicago truncatula</i> . <b>2014</b> , 86, 485-94	20
2085	Comprehensive characterization of complex structural variations in cancer by directly comparing genome sequence reads. <b>2014</b> , 32, 1106-12	62
2084	Distinct responses to ozone of abaxial and adaxial stomata in three Euramerican poplar genotypes. <b>2014</b> , 37, 2064-76	19
2083	Octopaminergic gene expression and flexible social behaviour in the subsocial burying beetle <i>Nicrophorus vespilloides</i> . <b>2014</b> , 23, 391-404	30
2082	Transcriptome sequencing uncovers the Avr5 avirulence gene of the tomato leaf mold pathogen <i>Cladosporium fulvum</i> . <b>2014</b> , 27, 846-57	40
2081	WDR72 models of structure and function: a stage-specific regulator of enamel mineralization. <b>2014</b> , 38, 48-58	22
2080	Enzymes involved in a novel anaerobic cyclohexane carboxylic acid degradation pathway. <b>2014</b> , 196, 3667-74	18
2079	Lactococcosis in Silver Carp. <b>2014</b> , 26, 1-8	5
2078	Maternal inflammation modulates infant immune response patterns to viral lung challenge in a murine model. <b>2014</b> , 76, 33-40	18
2077	MicroRNA loci support conspecificity of <i>Gyrodactylus salaris</i> and <i>Gyrodactylus thymalli</i> (Platyhelminthes: Monogenea). <b>2014</b> , 44, 787-93	15
2076	All-trans retinoic acid regulates hepatic bile acid homeostasis. <b>2014</b> , 91, 483-9	31
2075	Aquaporin expression in the Japanese medaka ( <i>Oryzias latipes</i> ) in freshwater and seawater: challenging the paradigm of intestinal water transport?. <b>2014</b> , 217, 3108-21	39

2074	Phylogenetic evidence of historic mitochondrial introgression and cryptic diversity in the genus <i>Pseudemoia</i> (Squamata: Scincidae). <b>2014</b> , 81, 86-95	5
2073	Seeing through the skin: dermal light sensitivity provides cryptism in moorish gecko. <b>2014</b> , 294, 122-128	21
2072	A drosophila genetic resource of mutants to study mechanisms underlying human genetic diseases. <b>2014</b> , 159, 200-214	239
2071	Optimization of a fragment size analysis tool for identification of <i>Cryptosporidium</i> species and Gp60 alleles infecting domestic ruminants. <b>2014</b> , 205, 466-71	7
2070	The metallothionein gene from the white shrimp <i>Litopenaeus vannamei</i> : characterization and expression in response to hypoxia. <b>2014</b> , 101, 91-100	19
2069	Comparative analysis of zygospore transcripts during early germination in <i>Chlamydomonas reinhardtii</i> . <b>2014</b> , 171, 1685-92	6
2068	First insight into CD59-like molecules of adult <i>Fasciola hepatica</i> . <b>2014</b> , 144, 57-64	10
2067	Antagonistic and synergistic effects of light irradiation on the effects of copper on <i>Chlamydomonas reinhardtii</i> . <b>2014</b> , 155, 275-82	29
2066	Genome-wide fungal stress responsive miRNA expression in wheat. <b>2014</b> , 240, 1287-98	49
2065	Transcriptome profile analysis of adipose tissues from fat and short-tailed sheep. <b>2014</b> , 549, 252-7	51
2064	Sexual structures and recombination of the wheat rust fungus <i>Puccinia striiformis</i> on <i>Berberis vulgaris</i> . <b>2014</b> , 70, 77-85	52
2063	Quantitative expression profiling in mouse spinal cord reveals changing relationships among channel and receptor mRNA levels across postnatal maturation. <b>2014</b> , 277, 321-33	4
2062	Targeted next-generation sequencing of deafness genes in hearing-impaired individuals uncovers informative mutations. <b>2014</b> , 16, 945-53	70
2061	Transcriptome sequencing revealed the genes and pathways involved in salinity stress of Chinese mitten crab, <i>Eriocheir sinensis</i> . <b>2014</b> , 46, 177-90	62
2060	Genetic control of heterochrony in <i>Eucalyptus globulus</i> . <b>2014</b> , 4, 1235-45	22
2059	A recently transferred cluster of bacterial genes in <i>Trichomonas vaginalis</i> --lateral gene transfer and the fate of acquired genes. <b>2014</b> , 14, 119	24
2058	RNA-Seq for gene identification and transcript profiling of three <i>Stevia rebaudiana</i> genotypes. <b>2014</b> , 15, 571	50
2057	Genome and transcriptome sequencing identifies breeding targets in the orphan crop tef ( <i>Eragrostis tef</i> ). <b>2014</b> , 15, 581	98

2056	Characterization of 19 new microsatellite loci for the Omani barb <i>Garra barreimiae</i> from 454 sequences. <b>2014</b> , 7, 522	3
2055	Retinoblastoma protein (RB) interacts with E2F3 to control terminal differentiation of Sertoli cells. <b>2014</b> , 5, e1274	17
2054	Development and validation of InnoQuant <sup>®</sup> a sensitive human DNA quantitation and degradation assessment method for forensic samples using high copy number mobile elements Alu and SVA. <b>2014</b> , 13, 224-35	26
2053	Targeted sequencing by proximity ligation for comprehensive variant detection and local haplotyping. <b>2014</b> , 32, 1019-25	152
2052	Sly-miR166 and Sly-miR319 are components of the cold stress response in <i>Solanum lycopersicum</i> . <b>2014</b> , 8, 349-356	29
2051	Identification of recurrent SMO and BRAF mutations in ameloblastomas. <b>2014</b> , 46, 722-5	202
2050	Genome-wide association study of urinary albumin excretion rate in patients with type 1 diabetes. <b>2014</b> , 57, 1143-53	38
2049	Genetic and metabolic analysis of the carbofuran catabolic pathway in <i>Novosphingobium</i> sp. KN65.2. <b>2014</b> , 98, 8235-52	42
2048	Acquisition capability of the grapevine <i>Flavescence dorée</i> by the leafhopper vector <i>Scaphoideus titanus</i> Ball correlates with phytoplasma titre in the source plant. <b>2014</b> , 87, 671-679	31
2047	Stacking of five favorable alleles for amylase content, fragrance and disease resistance into elite lines in rice ( <i>Oryza sativa</i> ) by using four HRM-based markers and a linked gel-based marker. <b>2014</b> , 34, 805-815	8
2046	Full-length genome analysis of Ælovo strains of Batai orthobunyavirus (Bunyamwera serogroup): implications to taxonomy. <b>2014</b> , 27, 96-104	3
2045	The history of sturgeon in the Baltic Sea. <b>2014</b> , 41, 1590-1602	21
2044	Discovery of SNPs in RXFP2 related to horn types in sheep. <b>2014</b> , 116, 133-136	11
2043	Noninvasive diagnosis of actionable mutations by deep sequencing of circulating free DNA in lung cancer from never-smokers: a proof-of-concept study from BioCAST/IFCT-1002. <b>2014</b> , 20, 4613-24	171
2042	Integrating mapping-, assembly- and haplotype-based approaches for calling variants in clinical sequencing applications. <b>2014</b> , 46, 912-918	671
2041	The lack of OmpF, but not OmpC, contributes to increased antibiotic resistance in <i>Serratia marcescens</i> . <b>2014</b> , 160, 1882-1892	16
2040	Development and characterization of 12 microsatellite markers for the Island Night Lizard ( <i>Xantusia riversiana</i> ), a threatened species endemic to the Channel Islands, California, USA. <b>2014</b> , 6, 699-700	1
2039	The development and characterization of polymorphic microsatellite loci for the genus <i>Melinaea</i> (Nymphalidae, Ithomiini). <b>2014</b> , 6, 891-893	2

2038	Chromosomal organization of centromeric Ty3/gypsy retrotransposons in <i>Allium cepa</i> L. and <i>Allium fistulosum</i> L.. <b>2014</b> , 50, 586-592	9
2037	High-throughput capturing and characterization of mutations in essential genes of <i>Caenorhabditis elegans</i> . <b>2014</b> , 15, 361	11
2036	Complete sequences of organelle genomes from the medicinal plant <i>Rhazya stricta</i> (Apocynaceae) and contrasting patterns of mitochondrial genome evolution across asterids. <b>2014</b> , 15, 405	49
2035	Geographic differences in vertical connectivity in the Caribbean coral <i>Montastraea cavernosa</i> despite high levels of horizontal connectivity at shallow depths. <b>2014</b> , 23, 4226-40	94
2034	PyClone: statistical inference of clonal population structure in cancer. <b>2014</b> , 11, 396-8	584
2033	Genome Sequence of <i>Bacillus safensis</i> CFA06, Isolated from Biodegraded Petroleum in Brazil. <b>2014</b> , 2,	3
2032	Cloning of a functional 25-hydroxyvitamin D-1 $\beta$ hydroxylase in zebrafish ( <i>Danio rerio</i> ). <b>2014</b> , 32, 675-82	2
2031	Exploring new dating approaches for parasites: the worldwide Apodanthaceae (Cucurbitales) as an example. <b>2014</b> , 80, 1-10	28
2030	Genomic heterogeneity and ecological speciation within one subspecies of <i>Bacillus subtilis</i> . <b>2014</b> , 80, 4842-53	35
2029	The soybean ( <i>Glycine max</i> ) nodulation-suppressive CLE peptide, GmRIC1, functions interspecifically in common white bean ( <i>Phaseolus vulgaris</i> ), but not in a supernodulating line mutated in the receptor PvNARK. <b>2014</b> , 12, 1085-97	34
2028	CHOPCHOP: a CRISPR/Cas9 and TALEN web tool for genome editing. <i>Nucleic Acids Research</i> , <b>2014</b> , 42, W401-7	20.1 707
2027	Carbonic anhydrase induction in euryhaline crustaceans is rate-limited at the post-transcriptional level. <b>2014</b> , 169, 15-23	9
2026	Development and characterization of eighty-four microsatellite markers for the red snapper ( <i>Lutjanus campechanus</i> ) using Illumina paired-end sequencing. <b>2014</b> , 430, 128-132	8
2025	Development of a real-time PCR melt curve assay for simultaneous detection of virulent and antibiotic resistant <i>Salmonella</i> . <b>2014</b> , 44, 6-14	17
2024	Transcriptomic study of 39 ostreid herpesvirus 1 genes during an experimental infection. <b>2014</b> , 119, 5-11	41
2023	Identification of life-stage and tissue-specific splice variants of an inward rectifying potassium (Kir) channel in the yellow fever mosquito <i>Aedes aegypti</i> . <b>2014</b> , 48, 91-9	17
2022	The osmoregulatory effects of rearing Mozambique tilapia in a tidally changing salinity. <b>2014</b> , 207, 94-102	23
2021	Dog mitochondrial genome sequencing to enhance dog mtDNA discrimination power in forensic casework. <b>2014</b> , 12, 60-8	13

2020	Regulatory mutations affecting sulfur metabolism induce environmental stress response in <i>Aspergillus nidulans</i> . <b>2014</b> , 65, 37-47	16
2019	Factors affecting staphylococcal enterotoxin Cbovine production in milk. <b>2014</b> , 39, 41-46	12
2018	Clinical relevance of sensitive and quantitative STAT3 mutation analysis using next-generation sequencing in T-cell large granular lymphocytic leukemia. <b>2014</b> , 16, 382-92	13
2017	A cis-element responsible for cGMP in the promoter of the soybean chalcone synthase gene. <b>2014</b> , 74, 92-8	4
2016	Large-scale gene expression profiling data for the model moss <i>Physcomitrella patens</i> aid understanding of developmental progression, culture and stress conditions. <b>2014</b> , 79, 530-9	55
2015	Comparative genome analysis and molecular epidemiology of the reemerging porcine epidemic diarrhea virus strains isolated in Korea. <b>2014</b> , 26, 348-51	17
2014	Architectural and mechanical cues direct mesenchymal stem cell interactions with crosslinked gelatin scaffolds. <b>2014</b> , 20, 3252-60	11
2013	A comparison of bone regeneration with human mesenchymal stem cells and muscle-derived stem cells and the critical role of BMP. <b>2014</b> , 35, 6859-70	61
2012	The purifying trend in the chromosomal integron in <i>Vibrio cholerae</i> strains during the seventh pandemic. <b>2014</b> , 26, 241-9	1
2011	A review of the literature on common CYP17A1 mutations in adults with 17-hydroxylase/17,20-lyase deficiency, a case series of such mutations among Koreans and functional characteristics of a novel mutation. <b>2014</b> , 63, 42-9	36
2010	tropiTree: an NGS-based EST-SSR resource for 24 tropical tree species. <b>2014</b> , 9, e102502	10
2009	Molecular analysis of phylogeographic subspecies in three Ponto-Caspian sturgeon species. <b>2014</b> , 37, 587-97	6
2008	Direct identification of mycobacteria from liquid media using a triplex real-time PCR coupled with pyrosequencing method. <b>2015</b> , 119, 83-6	
2007	A homozygous mutation in identified by whole-exome sequencing ending a diagnostic odyssey. <b>2015</b> , 5, 15-18	14
2006	Targeted massively parallel sequencing of autism spectrum disorder-associated genes in a case control cohort reveals rare loss-of-function risk variants. <b>2015</b> , 6, 43	34
2005	L-lactic acid production by <i>Aspergillus brasiliensis</i> overexpressing the heterologous <i>ldha</i> gene from <i>Rhizopus oryzae</i> . <b>2015</b> , 14, 66	26
2004	Does sex-biased dispersal account for the lack of geographic and host-associated differentiation in introduced populations of an aphid parasitoid?. <b>2015</b> , 5, 2149-61	15
2003	Two forward genetic screens for vein density mutants in sorghum converge on a cytochrome P450 gene in the brassinosteroid pathway. <b>2015</b> , 84, 257-66	24





1984	Relating significance and relations of differentially expressed genes in response to <i>Aspergillus flavus</i> infection in maize. <b>2014</b> , 4, 4815	21
1983	Huntingtin Exists as Multiple Splice Forms in Human Brain. <b>2015</b> , 4, 161-71	8
1982	Elucidating the Mechanism of Weissella-dependent Lifespan Extension in <i>Caenorhabditis elegans</i> . <b>2015</b> , 5, 17128	28
1981	Analysis of White Adipose Tissue Gene Expression Reveals CREB1 Pathway Altered in Huntington's Disease. <b>2015</b> , 4, 371-82	8
1980	Exploring molecular variation in <i>Schistosoma japonicum</i> in China. <b>2015</b> , 5, 17345	19
1979	Entrainment of the mouse circadian clock by sub-acute physical and psychological stress. <b>2015</b> , 5, 11417	82
1978	Elucidating the genetic basis of antioxidant status in lettuce ( <i>Lactuca sativa</i> ). <b>2015</b> , 2, 15055	23
1977	Identification of Multiple Bacteriocins in <i>Enterococcus</i> spp. Using an <i>Enterococcus</i> -Specific Bacteriocin PCR Array. <b>2015</b> , 3, 1-16	28
1976	Domestication Effects on Stress Induced Steroid Secretion and Adrenal Gene Expression in Chickens. <b>2015</b> , 5, 15345	35
1975	Signatures of selection identify loci associated with fat tail in sheep. <b>2015</b> , 93, 4660-9	36
1974	SiNG-PCRseq: Accurate inter-sequence quantification achieved by spiking-in a neighbor genome for competitive PCR amplicon sequencing. <b>2015</b> , 5, 11879	4
1973	Persistent variations in neuronal DNA methylation following cocaine self-administration and protracted abstinence in mice. <b>2015</b> , 4, 1-11	30
1972	Gene expression analysis at the onset of sex differentiation in turbot ( <i>Scophthalmus maximus</i> ). <b>2015</b> , 16, 973	31
1971	Ingestion of <i>Varroa destructor</i> by pseudoscorpions in honey bee hives confirmed by PCR analysis. <b>2015</b> , 54, 555-562	9
1970	Positional RNA-Seq identifies candidate genes for phenotypic engineering of sexual traits. <b>2015</b> , 12, 14	28
1969	Sequencing of emerging canine distemper virus strain reveals new distinct genetic lineage in the United States associated with disease in wildlife and domestic canine populations. <b>2015</b> , 12, 219	35
1968	Mutational landscapes of tongue carcinoma reveal recurrent mutations in genes of therapeutic and prognostic relevance. <b>2015</b> , 7, 98	64
1967	Identification and characterization of microsatellite loci in two socially complex old world tropical babblers (Family Timaliidae). <b>2015</b> , 8, 707	2

1966	Genome-wide transcriptome analyses of developing seeds from low and normal phytic acid soybean lines. <b>2015</b> , 16, 1074	14
1965	Reliability of molecular host-identification methods for ticks: an experimental in vitro study with <i>Ixodes ricinus</i> . <b>2015</b> , 8, 433	8
1964	Field-evolved resistance to four modes of action of herbicides in a single kochia ( <i>Kochia scoparia</i> L. Schrad.) population. <b>2015</b> , 71, 1207-12	51
1963	A microsatellite-based linkage map for song sparrows ( <i>Melospiza melodia</i> ). <b>2015</b> , 15, 1486-96	26
1962	Exploring the expression of <i>Pseudomonas aeruginosa</i> genes directly from sputa of cystic fibrosis patients. <b>2015</b> , 61, 423-8	2
1961	A pipeline for completing bacterial genomes using in silico and wet lab approaches. <b>2015</b> , 16 Suppl 3, S7	7
1960	A transcriptome approach towards understanding the development of ripening capacity in 'Bartlett' pears ( <i>Pyrus communis</i> L.). <b>2015</b> , 16, 762	17
1959	Development of a SNP-based assay for measuring genetic diversity in the Tasmanian devil insurance population. <b>2015</b> , 16, 791	28
1958	Whole genome sequencing reveals genomic heterogeneity and antibiotic purification in <i>Mycobacterium tuberculosis</i> isolates. <b>2015</b> , 16, 857	48
1957	The direction of cross affects [corrected] obesity after puberty in male but not female offspring. <b>2015</b> , 16, 904	4
1956	Transcriptome profiling of differentially expressed genes in floral buds and flowers of male sterile and fertile lines in watermelon. <b>2015</b> , 16, 914	43
1955	Development and validation of a mixed-tissue oligonucleotide DNA microarray for Atlantic bluefin tuna, <i>Thunnus thynnus</i> (Linnaeus, 1758). <b>2015</b> , 16, 1007	5
1954	A multilocus sequence analysis scheme for characterization of <i>Flavobacterium columnare</i> isolates. <b>2015</b> , 15, 243	19
1953	Next-generation-based targeted sequencing as an efficient tool for the study of the genetic background in Hirschsprung patients. <b>2015</b> , 16, 89	11
1952	Interaction of dietary fat intake with APOA2, APOA5 and LEPR polymorphisms and its relationship with obesity and dyslipidemia in young subjects. <b>2015</b> , 14, 106	39
1951	PrimerView: high-throughput primer design and visualization. <b>2015</b> , 10, 8	6
1950	Cell-lineage heterogeneity and driver mutation recurrence in pre-invasive breast neoplasia. <b>2015</b> , 7, 28	15
1949	Simple SNP-based minimal marker genotyping for <i>Humulus lupulus</i> L. identification and variety validation. <b>2015</b> , 8, 542	16

1948	Automated amplicon design suitable for analysis of DNA variants by melting techniques. <b>2015</b> , 8, 667	4
1947	Molecular characterization and embryonic origin of the eyes in the common house spider <i>Parasteatoda tepidariorum</i> . <b>2015</b> , 6, 15	33
1946	Neuroinflammatory signals enhance the immunomodulatory and neuroprotective properties of multipotent adult progenitor cells. <b>2015</b> , 6, 176	11
1945	Dp412e: a novel human embryonic dystrophin isoform induced by BMP4 in early differentiated cells. <b>2015</b> , 5, 40	21
1944	Human Wharton's Jelly-Derived Stem Cells Display Immunomodulatory Properties and Transiently Improve Rat Experimental Autoimmune Encephalomyelitis. <b>2015</b> , 24, 2077-98	60
1943	Toxicity profiles and solvent-toxicant interference in the planarian <i>Schmidtea mediterranea</i> after dimethylsulfoxide (DMSO) exposure. <b>2015</b> , 35, 319-26	18
1942	Pyrosequencing for accurate imprinted allele expression analysis. <b>2015</b> , 116, 1165-70	4
1941	Colloidal bismuth subcitrate impedes proton entry into <i>Helicobacter pylori</i> and increases the efficacy of growth-dependent antibiotics. <b>2015</b> , 42, 922-33	26
1940	Transcriptomic analysis by RNA sequencing reveals that hepatic interferon-induced genes may be associated with feed efficiency in beef heifers. <b>2015</b> , 93, 3331-41	46
1939	Isolation and characterization of tandem repeat sequences in the growth hormone gene of the red seabream, <i>Pagrus major</i> (Temminck & Schlegel, 1843). <b>2015</b> , 31, 762-766	5
1938	<i>Chodatodesmus australis</i> sp. nov. (Scenedesmaceae, Chlorophyta) from Antarctica, with the emended description of the genus <i>Chodatodesmus</i> , and circumscription of <i>Flechtneria rotunda</i> gen. et sp. nov. <b>2015</b> , 51, 1172-88	15
1937	Whole-genome sequencing of a malignant granular cell tumor with metabolic response to pazopanib. <b>2015</b> , 1, a000380	15
1936	Intrabronchial Microdialysis: Effects of Probe Localization on Tissue Trauma and Drug Penetration into the Pulmonary Epithelial Lining Fluid. <b>2015</b> , 117, 242-50	3
1935	Temperature- and sex-related effects of serine protease alleles on larval development in the Glanville fritillary butterfly. <b>2015</b> , 28, 2224-35	8
1934	Rare double sex and mab-3-related transcription factor 1 regulatory variants in severe spermatogenic failure. <b>2015</b> , 3, 825-33	11
1933	Chronic intermittent toluene inhalation in adolescent rats results in metabolic dysfunction with altered glucose homeostasis. <b>2015</b> , 172, 5174-87	13
1932	Biochemical and biophysical characterisation of haloalkane dehalogenases DmrA and DmrB in <i>Mycobacterium</i> strain JS60 and their role in growth on haloalkanes. <b>2015</b> , 97, 439-53	16
1931	Genes with Restricted Introgression in a Field Cricket ( <i>Gryllus firmus</i> / <i>Gryllus pennsylvanicus</i> ) Hybrid Zone Are Concentrated on the X Chromosome and a Single Autosome. <b>2015</b> , 5, 2219-27	15

1930	ATF6 Is Mutated in Early Onset Photoreceptor Degeneration With Macular Involvement. <b>2015</b> , 56, 3889-95	39
1929	How a Small Double-Stranded Trick Can Mislead Sanger Sequencing. <b>2015</b> , 26, 80-2	1
1928	Genetic variants associated with fetal hemoglobin levels show the diverse ethnic origin in Colombian patients with sickle cell anemia. <b>2015</b> , 35, 437-43	2
1927	Relationships between Circulating Urea Concentrations and Endometrial Function in Postpartum Dairy Cows. <b>2015</b> , 5, 748-73	11
1926	Single nucleotide polymorphism mining and nucleotide sequence analysis of Mx1 gene in exonic regions of Japanese quail. <b>2015</b> , 8, 1435-43	2
1925	Development of Seven Microsatellite Markers Using Next Generation Sequencing for the Conservation on the Korean Population of <i>Dorcus hopei</i> (E. Saunders, 1854) (Coleoptera, Lucanidae). <b>2015</b> , 16, 21330-41	7
1924	Molecular Characterization, mRNA Expression and Alternative Splicing of Ryanodine Receptor Gene in the Brown Citrus Aphid, <i>Toxoptera citricida</i> (Kirkaldy). <b>2015</b> , 16, 15220-34	10
1923	AGEs-Induced IL-6 Synthesis Precedes RAGE Up-Regulation in HEK 293 Cells: An Alternative Inflammatory Mechanism?. <b>2015</b> , 16, 20100-17	14
1922	Duplex High-Resolution Melting Assay for the Simultaneous Genotyping of IL28B rs12979860 and PNPLA3 rs738409 Polymorphisms in Chronic Hepatitis C Patients. <b>2015</b> , 16, 22223-42	4
1921	Reference Genes in the Pathosystem <i>Phakopsora pachyrhizi</i> / Soybean Suitable for Normalization in Transcript Profiling. <b>2015</b> , 16, 23057-75	14
1920	Tissue-Specific Immune Gene Expression in the Migratory Locust, <i>Locusta migratoria</i> . <b>2015</b> , 6, 368-80	4
1919	<i>Ciona intestinalis</i> as a marine model system to study some key developmental genes targeted by the diatom-derived aldehyde decadienal. <b>2015</b> , 13, 1451-65	7
1918	Unusual Novel SnoRNA-Like RNAs in <i>Drosophila melanogaster</i> . <b>2015</b> , 1, 139-150	3
1917	Rapid Identification of Emerging Human-Pathogenic <i>Sporothrix</i> Species with Rolling Circle Amplification. <b>2015</b> , 6, 1385	30
1916	Fetal microglial phenotype in vitro carries memory of prior in vivo exposure to inflammation. <b>2015</b> , 9, 294	35
1915	Telomeres and Telomerase in the Radiation Response: Implications for Instability, Reprograming, and Carcinogenesis. <b>2015</b> , 5, 257	27
1914	Behavior training reverses asymmetry in hippocampal transcriptome of the <i>cav3.2</i> knockout mice. <b>2015</b> , 10, e0118832	6
1913	Nepenthesin protease activity indicates digestive fluid dynamics in carnivorous nepenthes plants. <b>2015</b> , 10, e0118853	31

1912	Complete chloroplast genome of the multifunctional crop globe artichoke and comparison with other Asteraceae. <b>2015</b> , 10, e0120589	87
1911	The transcriptome of equine peripheral blood mononuclear cells. <b>2015</b> , 10, e0122011	14
1910	A duplex PCR assay for the detection of <i>Ralstonia solanacearum</i> phylotype II strains in <i>Musa</i> spp. <b>2015</b> , 10, e0122182	12
1909	Demonstration of the presence of the "deleted" MIR122 gene in HepG2 cells. <b>2015</b> , 10, e0122471	5
1908	Investigation of genes encoding calcineurin B-like protein family in legumes and their expression analyses in chickpea ( <i>Cicer arietinum</i> L.). <b>2015</b> , 10, e0123640	9
1907	gbpA as a Novel qPCR Target for the Species-Specific Detection of <i>Vibrio cholerae</i> O1, O139, Non-O1/Non-O139 in Environmental, Stool, and Historical Continuous Plankton Recorder Samples. <b>2015</b> , 10, e0123983	15
1906	A COLQ Missense Mutation in Sphynx and Devon Rex Cats with Congenital Myasthenic Syndrome. <b>2015</b> , 10, e0137019	5
1905	Hairless Streaks in Cattle Implicate TSR2 in Early Hair Follicle Formation. <b>2015</b> , 11, e1005427	11
1904	Non-synonymous FGD3 Variant as Positional Candidate for Disproportional Tall Stature Accounting for a Carcass Weight QTL (CW-3) and Skeletal Dysplasia in Japanese Black Cattle. <b>2015</b> , 11, e1005433	17
1903	Molecular Diagnosis of Pathogenic <i>Sporothrix</i> Species. <b>2015</b> , 9, e0004190	77
1902	Discovery of Chemosensory Genes in the Oriental Fruit Fly, <i>Bactrocera dorsalis</i> . <b>2015</b> , 10, e0129794	28
1901	Insights into <i>Penicillium roqueforti</i> Morphological and Genetic Diversity. <b>2015</b> , 10, e0129849	35
1900	Effects of a Balanced Translocation between Chromosomes 1 and 11 Disrupting the DISC1 Locus on White Matter Integrity. <b>2015</b> , 10, e0130900	19
1899	Comparison of Genetic Structure of Epixylic Liverwort <i>Crossocalyx hellerianus</i> between Central European and Fennoscandian Populations. <b>2015</b> , 10, e0133134	7
1898	Amelotin Gene Structure and Expression during Enamel Formation in the Opossum <i>Monodelphis domestica</i> . <b>2015</b> , 10, e0133314	8
1897	Functional Divergence of Hsp90 Genetic Interactions in Biofilm and Planktonic Cellular States. <b>2015</b> , 10, e0137947	10
1896	No Association between Personality and Candidate Gene Polymorphisms in a Wild Bird Population. <b>2015</b> , 10, e0138439	14
1895	The Chloroplast Genome of <i>Elaeagnus macrophylla</i> and trnH Duplication Event in Elaeagnaceae. <b>2015</b> , 10, e0138727	17

1894	The Genetic Structure of <i>Phellinus noxius</i> and Dissemination Pattern of Brown Root Rot Disease in Taiwan. <b>2015</b> , 10, e0139445	19
1893	Sial2-3Gal1- Receptor Genetic Variants Are Associated with Influenza A(H1N1)pdm09 Severity. <b>2015</b> , 10, e0139681	13
1892	Development of PCR-Based Markers to Determine the Sex of Kelps. <b>2015</b> , 10, e0140535	23
1891	Pre-Historic and Recent Vicariance Events Shape Genetic Structure and Diversity in Endangered Lion-Tailed Macaque in the Western Ghats: Implications for Conservation. <b>2015</b> , 10, e0142597	14
1890	An Efficient Approach for the Development of Locus Specific Primers in Bread Wheat ( <i>Triticum aestivum</i> L.) and Its Application to Re-Sequencing of Genes Involved in Frost Tolerance. <b>2015</b> , 10, e0142746	5
1889	The Zinc Concentration in the Diet and the Length of the Feeding Period Affect the Methylation Status of the ZIP4 Zinc Transporter Gene in Piglets. <b>2015</b> , 10, e0143098	9
1888	Gene Expression Analysis of Plum pox virus (Sharka) Susceptibility/Resistance in Apricot ( <i>Prunus armeniaca</i> L.). <b>2015</b> , 10, e0144670	20
1887	Transcriptome analysis of wheat inoculated with <i>Fusarium graminearum</i> . <b>2015</b> , 6, 867	38
1886	Gene Expression Reaction Norms Unravel the Molecular and Cellular Processes Underpinning the Plastic Phenotypes of <i>Alternanthera philoxeroides</i> in Contrasting Hydrological Conditions. <b>2015</b> , 6, 991	8
1885	The Urease Inhibitor NBPT Negatively Affects DUR3-mediated Uptake and Assimilation of Urea in Maize Roots. <b>2015</b> , 6, 1007	35
1884	Identification of Putative Candidate Genes for Water Stress Tolerance in Canola ( <i>Brassica napus</i> ). <b>2015</b> , 6, 1058	48
1883	Comparative Genomics of Pathogenic and Nonpathogenic Strains of <i>Xanthomonas arboricola</i> Unveil Molecular and Evolutionary Events Linked to Pathoadaptation. <b>2015</b> , 6, 1126	50
1882	Cluster Analysis of Tumor Suppressor Genes in Canine Leukocytes Identifies Activation State. <b>2015</b> , 9, 59-67	0
1881	Screening of the Seed Region of MIR184 in <i>Keratoconus</i> Patients from Saudi Arabia. <b>2015</b> , 2015, 604508	25
1880	Interleukin-1 $\beta$ Modulates Melatonin Secretion in Ovine Pineal Gland: Ex Vivo Study. <b>2015</b> , 2015, 526464	10
1879	Molecular profiling of low grade serous ovarian tumours identifies novel candidate driver genes. <b>2015</b> , 6, 37663-77	98
1878	The conserved histone deacetylase Rpd3 and its DNA binding subunit Ume6 control dynamic transcript architecture during mitotic growth and meiotic development. <i>Nucleic Acids Research</i> , <b>2015</b> , 43, 115-28	20.1 16
1877	In silico discovery of a nearly complete mitochondrial genome Numt in the dog ( <i>Canis lupus familiaris</i> ) nuclear genome. <b>2015</b> , 143, 453-8	9

1876	High-recovery visual identification and single-cell retrieval of circulating tumor cells for genomic analysis using a dual-technology platform integrated with automated immunofluorescence staining. <b>2015</b> , 15, 360	102
1875	Adaptation of the targeted capture Methyl-Seq platform for the mouse genome identifies novel tissue-specific DNA methylation patterns of genes involved in neurodevelopment. <b>2015</b> , 10, 581-96	18
1874	The microwell-mesh: A novel device and protocol for the high throughput manufacturing of cartilage microtissues. <b>2015</b> , 62, 1-12	52
1873	Polymorphisms within the APOBR gene are highly associated with milk levels of prognostic ketosis biomarkers in dairy cows. <b>2015</b> , 47, 129-37	18
1872	Gene mdpC plays a regulatory role in the methyl-tert-butyl ether degradation pathway of <i>Methylolibium petroleiphilum</i> strain PM1. <b>2015</b> , 362,	7
1871	Zinc Detoxification Is Required for Full Virulence and Modification of the Host Leaf Ionome by <i>Xylella fastidiosa</i> . <b>2015</b> , 28, 497-507	23
1870	Design of primers and probes for quantitative real-time PCR methods. <b>2015</b> , 1275, 31-56	46
1869	Genome-wide genetic diversity of rove beetle populations along a metal pollution gradient. <b>2015</b> , 119, 98-105	18
1868	Melatonin regulates antioxidative mechanisms in microalgae <i>Chlamydomonas reinhardtii</i> (Volvocales, Chlorophyceae). <b>2015</b> , 54, 292-298	8
1867	The complete chloroplast genome of colchicine plants ( <i>Colchicum autumnale</i> L. and <i>Gloriosa superba</i> L.) and its application for identifying the genus. <b>2015</b> , 242, 223-37	32
1866	MuTANT: a family of Mutator-like transposable elements targeting TA microsatellites in <i>Medicago truncatula</i> . <b>2015</b> , 143, 433-40	5
1865	Physiological and pathological changes in the eastern oyster <i>Crassostrea virginica</i> infested with the trematode <i>Bucephalus</i> sp. and exposed to the toxic dinoflagellate <i>Alexandrium fundyense</i> . <b>2015</b> , 126, 51-63	26
1864	Resolving relationships within the palm subfamily Arecoideae (Arecaceae) using plastid sequences derived from next-generation sequencing. <b>2015</b> , 102, 888-99	23
1863	Exome sequencing identifies a rare HSPG2 variant associated with familial idiopathic scoliosis. <b>2014</b> , 5, 167-74	35
1862	Transcriptomic characterization of the enzymatic antioxidants FeSOD, MnSOD, APX and KatG in the dinoflagellate genus <i>Symbiodinium</i> . <b>2015</b> , 15, 48	41
1861	Hox genes pattern the anterior-posterior axis of the juvenile but not the larva in a maximally indirect developing invertebrate, <i>Micrura alaskensis</i> (Nemertea). <b>2015</b> , 13, 23	28
1860	Microbial diversity. Fine-scale diversity and extensive recombination in a quasisexual bacterial population occupying a broad niche. <b>2015</b> , 348, 1019-23	88
1859	Citrate gold nanoparticle exposure in the marine bivalve <i>Ruditapes philippinarum</i> : uptake, elimination and oxidative stress response. <b>2015</b> , 22, 17414-24	46

1858	Systematic transcriptome analysis reveals tumor-specific isoforms for ovarian cancer diagnosis and therapy. <b>2015</b> , 112, E3050-7	51
1857	De novo RNA-Seq analysis of the venus clam, <i>Cyclina sinensis</i> , and the identification of immune-related genes. <b>2015</b> , 10, e0123296	13
1856	Mitochondrial genome instability in colorectal adenoma and adenocarcinoma. <b>2015</b> , 36, 8869-79	22
1855	A Tool Set for the Genome-Wide Analysis of <i>Neurospora crassa</i> by RT-PCR. <b>2015</b> , 5, 2043-9	9
1854	SWEEP: A Tool for Filtering High-Quality SNPs in Polyploid Crops. <b>2015</b> , 5, 1797-803	44
1853	KONJAC1 and 2 Are Key Factors for GDP-Mannose Generation and Affect l-Ascorbic Acid and Glucomannan Biosynthesis in Arabidopsis. <b>2015</b> , 27, 3397-409	30
1852	Phylogenomic Analysis of <i>Oenococcus oeni</i> Reveals Specific Domestication of Strains to Cider and Wines. <b>2015</b> , 7, 1506-18	38
1851	Population Genomics of Infectious and Integrated <i>Wolbachia pipientis</i> Genomes in <i>Drosophila ananassae</i> . <b>2015</b> , 7, 2362-82	21
1850	Homozygous loss-of-function variants in European cosmopolitan and isolate populations. <b>2015</b> , 24, 5464-74	18
1849	A case of early onset rectal cancer of Lynch syndrome with a novel deleterious PMS2 mutation. <b>2015</b> , 45, 987-92	3
1848	Computational and molecular tools for scalable rAAV-mediated genome editing. <i>Nucleic Acids Research</i> , <b>2015</b> , 43, e30	20.1 5
1847	MRPrimer: a MapReduce-based method for the thorough design of valid and ranked primers for PCR. <i>Nucleic Acids Research</i> , <b>2015</b> , 43, e130	20.1 12
1846	A <i>Selaginella moellendorffii</i> Ortholog of KARRIKIN INSENSITIVE2 Functions in Arabidopsis Development but Cannot Mediate Responses to Karrikins or Strigolactones. <b>2015</b> , 27, 1925-44	84
1845	PGC-1 isoforms and their target genes are expressed differently in human skeletal muscle following resistance and endurance exercise. <b>2015</b> , 3, e12563	44
1844	Comparative transcriptome analysis reveals differential transcription in heat-susceptible and heat-tolerant pepper ( <i>Capsicum annum</i> L.) cultivars under heat stress. <b>2015</b> , 58, 411-424	42
1843	A Multiplex Real-Time PCR Assay for Screening Gypsy Moths (Lepidoptera: Erebidae) in the United States for Evidence of an Asian Genotype. <b>2015</b> , 108, 2450-7	6
1842	Daily rhythms of lipid metabolic gene expression in zebra fish liver: Response to light/dark and feeding cycles. <b>2015</b> , 32, 1438-48	24
1841	Comparative expression of the four enamel matrix protein genes, amelogenin, ameloblastin, enamelin and amelotin during amelogenesis in the lizard <i>Anolis carolinensis</i> . <b>2015</b> , 6, 29	7



1840	Development and characterization of microsatellite loci for common raven ( <i>Corvus corax</i> ) and cross species amplification in other Corvidae. <b>2015</b> , 8, 655	2
1839	Sexually dimorphic gene expression in the lateral eyes of <i>Euphilomedes carcharodonta</i> (Ostracoda, Pancrustacea). <b>2015</b> , 6, 34	2
1838	Analysis of differentially expressed gene profiles in a resistant banana cultivar after infection by <i>Colletotrichum musae</i> . <b>2015</b> , 92, 88-100	4
1837	Neuropathologic Characterization of Pontocerebellar Hypoplasia Type 6 Associated With Cardiomyopathy and Hydrops Fetalis and Severe Multisystem Respiratory Chain Deficiency due to Novel RARS2 Mutations. <b>2015</b> , 74, 688-703	26
1836	Deeply divergent sympatric mitochondrial lineages of the earthworm <i>Lumbricus rubellus</i> are not reproductively isolated. <b>2015</b> , 15, 217	39
1835	Independent origins and incipient speciation among host-associated populations of <i>Thielaviopsis ethacetica</i> in Cameroon. <b>2015</b> , 119, 957-972	3
1834	Hypothalamic fatty acid sensing in Senegalese sole ( <i>Solea senegalensis</i> ): response to long-chain saturated, monounsaturated, and polyunsaturated (n-3) fatty acids. <b>2015</b> , 309, R1521-31	21
1833	Identification of the full-length $\beta$ -actin sequence and expression profiles in the tree shrew ( <i>Tupaia belangeri</i> ). <b>2015</b> , 35, 519-24	4
1832	Trophoblast expression dynamics of the tumor suppressor gene <i>gastrokine 2</i> . <b>2015</b> , 144, 281-91	8
1831	Novel Heterozygous Mutations of NR5A1 and Their Functional Characteristics in Patients with 46,XY Disorders of Sex Development without Adrenal Insufficiency. <b>2015</b> , 84, 116-23	12
1830	Resequencing of the <i>Lactobacillus plantarum</i> Strain WJL Genome. <b>2015</b> , 3,	8
1829	Excision of staphylococcal cassette chromosome <i>mec</i> in methicillin-resistant <i>Staphylococcus aureus</i> assessed by quantitative PCR. <b>2015</b> , 8, 828	8
1828	Nearly Complete Genome Sequence of <i>Lactobacillus plantarum</i> Strain NIZO2877. <b>2015</b> , 3,	7
1827	A Case of Wiedemann-Steiner Syndrome Associated with a 46,XY Disorder of Sexual Development and Gonadal Dysgenesis. <b>2015</b> , 9, 289-95	10
1826	Biogeography of the smooth snake ( <i>Coronella austriaca</i> ): origin and conservation of the northernmost population. <b>2015</b> , 114, 426-435	5
1825	Massively parallel sequencing of forensically relevant single nucleotide polymorphisms using TruSeqForensic amplicon. <b>2015</b> , 129, 31-6	20
1824	A genome-based identification approach for members of the genus <i>Bifidobacterium</i> . <b>2015</b> , 91,	12
1823	Target enrichment of ultraconserved elements from arthropods provides a genomic perspective on relationships among Hymenoptera. <b>2015</b> , 15, 489-501	175

1822	Identification and characterization of VpsR and VpsT binding sites in <i>Vibrio cholerae</i> . <b>2015</b> , 197, 1221-35	48
1821	Evolutionary factors affecting the cross-species utility of newly developed microsatellite markers in seabirds. <b>2015</b> , 15, 1046-58	15
1820	Mechanisms of Resistance to an Azole Fungicide in the Grapevine Powdery Mildew Fungus, <i>Erysiphe necator</i> . <b>2015</b> , 105, 370-7	27
1819	Developmentally regulated expression and expression strategies of <i>Drosophila</i> snoRNAs. <b>2015</b> , 61, 69-78	6
1818	Phylogenetic relationships among Asiatic salamanders of the genus <i>Salamandrella</i> based on variability of nuclear genes. <b>2015</b> , 51, 91-97	2
1817	Restriction Site-Associated DNA Sequencing (RAD-seq) Reveals an Extraordinary Number of Transitions among Gecko Sex-Determining Systems. <b>2015</b> , 32, 1296-309	169
1816	Morphological and genetic characterization of group I <i>Clostridium botulinum</i> type B strain 111 and the transcriptional regulator <i>spoIIID</i> gene knockout mutant in sporulation. <b>2015</b> , 33, 55-63	4
1815	Mixture effects of levonorgestrel and ethinylestradiol: estrogenic biomarkers and hormone receptor mRNA expression during sexual programming. <b>2015</b> , 161, 146-53	21
1814	Social cues regulate reciprocal switching of hypothalamic Dio2/Dio3 and the transition into final follicle maturation in European starlings ( <i>Sturnus vulgaris</i> ). <b>2015</b> , 156, 694-706	32
1813	PrimerDesign-M: a multiple-alignment based multiple-primer design tool for walking across variable genomes. <b>2015</b> , 31, 1472-4	28
1812	Genome-wide analyses of LINE-LINE-mediated nonallelic homologous recombination. <i>Nucleic Acids Research</i> , <b>2015</b> , 43, 2188-98	20.1 52
1811	Identifying Aβ-specific pathogenic mechanisms using a nematode model of Alzheimer's disease. <b>2015</b> , 36, 857-66	15
1810	The developmental neurotoxicity of polybrominated diphenyl ethers: Effect of DE-71 on dopamine in zebrafish larvae. <b>2015</b> , 34, 1119-26	32
1809	Brain tumor mutations detected in cerebral spinal fluid. <b>2015</b> , 61, 514-22	176
1808	Transient delivery of modified mRNA encoding TERT rapidly extends telomeres in human cells. <b>2015</b> , 29, 1930-9	66
1807	Potassium phosphite increases tolerance to UV-B in potato. <b>2015</b> , 88, 1-8	34
1806	Can the assessment of ABCB1 gene expression predict its function in vitro?. <b>2015</b> , 95, 150-9	11
1805	Drug-metabolizing and antioxidant enzymes in monosodium L-glutamate obese mice. <b>2015</b> , 43, 258-65	11

1804	The mitochondrial genome of the glomeromycete <i>Rhizophagus</i> sp. DAOM 213198 reveals an unusual organization consisting of two circular chromosomes. <b>2014</b> , 7, 96-105	11
1803	Genomic profiling of DNA methyltransferases reveals a role for DNMT3B in genic methylation. <b>2015</b> , 520, 243-7	421
1802	Characterizing the Genetic Diversity of the <i>Clavibacter michiganensis</i> subsp. <i>michiganensis</i> Population in New York. <b>2015</b> , 105, 169-79	23
1801	Polymerase chain reaction-based serotyping of pathogenic bacteria in food. <b>2015</b> , 110, 18-26	19
1800	Using carbon dioxide to maintain an elevated oleaginous microalga concentration in mixed-culture photo-bioreactors. <b>2015</b> , 185, 178-84	7
1799	Mosquitoes as a Potential Vector of Ranavirus Transmission in Terrestrial Turtles. <b>2015</b> , 12, 334-8	25
1798	Diagnostic single nucleotide polymorphism markers to identify hybridization between dromedary and Bactrian camels. <b>2015</b> , 7, 329-332	4
1797	Cloning and Function Characterization of a $\beta$ Ketoacyl-acyl-ACP Synthase I from Coconut ( <i>Cocos nucifera</i> L.) Endosperm. <b>2015</b> , 33, 1131-1140	7
1796	Regulation of primary metabolic pathways in oyster mushroom mycelia induced by blue light stimulation: accumulation of shikimic acid. <b>2015</b> , 5, 8630	14
1795	High-altitude ancestry and hypoxia acclimation have distinct effects on exercise capacity and muscle phenotype in deer mice. <b>2015</b> , 308, R779-91	74
1794	Less is more: extreme genome complexity reduction with ddRAD using Ion Torrent semiconductor technology. <b>2015</b> , 15, 1145-52	17
1793	Apparent vector-mediated parent-to-offspring transmission in an avian malaria-like parasite. <b>2015</b> , 24, 1355-63	18
1792	Diagnostic tools for rapid detection and quantification of <i>Weissella ceti</i> NC36 infections in rainbow trout. <b>2015</b> , 60, 103-110	12
1791	<i>Fusarium sambucinum</i> <i>astA</i> gene expressed during potato infection is a functional orthologue of <i>Aspergillus nidulans</i> <i>astA</i> . <b>2015</b> , 119, 509-17	4
1790	Development of sixteen novel microsatellite markers for the eastern carpenter bee, <i>Xylocopa virginica</i> (Hymenoptera: Apidae), through paired-end Illumina sequencing. <b>2015</b> , 7, 427-429	7
1789	Characterization of leptin receptor gene in <i>Bubalus bubalis</i> and association analysis with body measurement traits. <b>2015</b> , 42, 1049-57	2
1788	The <i>Aspergillus nidulans</i> <i>metZ</i> gene encodes a transcription factor involved in regulation of sulfur metabolism in this fungus and other Eurotiales. <b>2015</b> , 61, 115-25	15
1787	An improved total RNA isolation from secondary tissues of woody species for coding and non-coding gene expression analyses. <b>2015</b> , 49, 647-658	2

1786	An InDel-based linkage map of hot pepper (). <b>2015</b> , 35, 32		34
1785	Development of microsatellite loci from a reference genome for the Neotropical butterfly <i>Heliconius numata</i> and its close relatives. <b>2015</b> , 18, 283-287		2
1784	Splicing landscape of the eight collaborative cross founder strains. <b>2015</b> , 16, 52		6
1783	A global microRNA screen identifies regulators of the ErbB receptor signaling network. <b>2015</b> , 13, 5		24
1782	Population structure and dispersal of the coral-excavating sponge <i>Cliona delitrix</i> . <b>2015</b> , 24, 1447-66		40
1781	Fast and sensitive detection of indels induced by precise gene targeting. <i>Nucleic Acids Research</i> , <b>2015</b> , 43, e59	20.1	115
1780	Development and validation of a sample sparing strategy for HLA typing utilizing next generation sequencing. <b>2015</b> , 76, 917-22		9
1779	CEMASuite: open source degenerate PCR primer design. <b>2015</b> , 31, 3688-90		8
1778	The potential role of the sodium iodide symporter gene polymorphism in the development of differentiated thyroid cancer. <b>2015</b> , 572, 163-8		1
1777	Heparin affects human bone marrow stromal cell fate: Promoting osteogenic and reducing adipogenic differentiation and conversion. <b>2015</b> , 78, 102-13		25
1776	Isolation and characterization of 19 novel microsatellite loci in <i>Rhododendron aureum</i> and <i>Rhododendron brachycarpum</i> (Ericaceae). <b>2015</b> , 61, 520-523		4
1775	Genetic control of lutein esterification in wheat ( <i>Triticum aestivum</i> L.) grain. <b>2015</b> , 64, 109-115		20
1774	Genome-wide mining, characterization, and development of microsatellite markers in gossypium species. <b>2015</b> , 5, 10638		38
1773	Genetic population study of Y-chromosome markers in Benin and Ivory Coast ethnic groups. <b>2015</b> , 19, 232-237		4
1772	Clonogrouping, a Rapid Multiplex PCR Method for Identification of Major Clones of <i>Listeria monocytogenes</i> . <b>2015</b> , 53, 3355-8		9
1771	Retrotransposon based TRAP marker displays diversity among onion ( <i>Allium cepa</i> L.) genotypes. <b>2015</b> , 190, 123-127		1
1770	Association of PALB2 sequence variants with the risk of familial and early-onset breast cancer in a South-American population. <b>2015</b> , 15, 30		14
1769	Characterisation of microsatellite markers for fig-pollinating wasps in the <i>Pleistodontes imperialis</i> species complex. <b>2015</b> , 63, 122		2

1768	The role of China in the global spread of the current cholera pandemic. <b>2015</b> , 11, e1005072	58
1767	Spatial and temporal heterogeneity in high-grade serous ovarian cancer: a phylogenetic analysis. <b>2015</b> , 12, e1001789	230
1766	Chromosome-Specific Painting in Cucumis Species Using Bulkied Oligonucleotides. <b>2015</b> , 200, 771-9	109
1765	Bnsro1: A new homologue of Arabidopsis thaliana rcd1 from Brassica napus. <b>2015</b> , 70, 588-598	4
1764	Transcriptome profiling and identification of transcription factors in ramie ( <i>Boehmeria nivea</i> L. Gaud) in response to PEG treatment, using illumina paired-end sequencing technology. <b>2015</b> , 16, 3493-511	28
1763	Integrated genetic and epigenetic analysis defines novel molecular subgroups in rhabdomyosarcoma. <b>2015</b> , 6, 7557	110
1762	A novel homozygous variant in the dsp gene underlies the first case of non-syndromic form of alopecia. <b>2015</b> , 307, 793-801	3
1761	Global gene expression profiling of two switchgrass cultivars following inoculation with Burkholderia phytofirmans strain PsJN. <b>2015</b> , 66, 4337-50	14
1760	Differential expression of HERV-K (HML-2) proviruses in cells and virions of the teratocarcinoma cell line Tera-1. <b>2015</b> , 7, 939-68	43
1759	Genomic-associated Markers and comparative Genome Maps of Xanthomonas oryzae pv. oryzae and X. oryzae pv. oryzicola. <b>2015</b> , 31, 1353-9	3
1758	The mitochondrial genome of the lone star tick ( <i>Amblyomma americanum</i> ). <b>2015</b> , 6, 793-801	22
1757	Development of a multiplex PCR system and its application in detection of blaSHV, blaTEM, blaCTX-M-1, blaCTX-M-9 and blaOXA-1 group genes in clinical Klebsiella pneumoniae and Escherichia coli strains. <b>2015</b> , 68, 725-33	13
1756	A functional variant that affects exon-skipping and protein expression of SP140 as genetic mechanism predisposing to multiple sclerosis. <b>2015</b> , 24, 5619-27	28
1755	Effects of dietary fatty acids on mitochondrial phospholipid compositions, oxidative status and mitochondrial gene expression of zebrafish at different ages. <b>2015</b> , 41, 1187-204	6
1754	Enzymatically Generated CRISPR Libraries for Genome Labeling and Screening. <b>2015</b> , 34, 373-8	24
1753	Transposon Insertions, Structural Variations, and SNPs Contribute to the Evolution of the Melon Genome. <b>2015</b> , 32, 2760-74	50
1752	Fast and Accurate Large-Scale Detection of $\beta$ -Lactamase Genes Conferring Antibiotic Resistance. <b>2015</b> , 59, 5967-75	9
1751	Distinct profiles of human embryonic stem cell metabolism and mitochondria identified by oxygen. <b>2015</b> , 150, 367-82	21

1750	Rapid and simple method of qPCR primer design. <b>2015</b> , 1275, 173-9	27
1749	<i>Lathyrus sativus</i> transcriptome resistance response to <i>Ascochyta lathyr</i> investigated by deepSuperSAGE analysis. <b>2015</b> , 6, 178	27
1748	Accurate CpG and non-CpG cytosine methylation analysis by high-throughput locus-specific pyrosequencing in plants. <b>2015</b> , 88, 471-85	14
1747	Development of a novel real-time PCR assay with high-resolution melt analysis to detect and differentiate OXA-48-Like $\beta$ actamases in carbapenem-resistant Enterobacteriaceae. <b>2015</b> , 59, 5574-80	29
1746	Insights into possible cell-death markers in the diatom <i>Skeletonema marinoi</i> in response to senescence and silica starvation. <b>2015</b> , 24 Pt 1, 81-8	22
1745	Adiponectin and Insulin in Gray Seals during Suckling and Fasting: Relationship with Nutritional State and Body Mass during Nursing in Mothers and Pups. <b>2015</b> , 88, 295-310	13
1744	Identification and characterization of histone deacetylases in tomato ( <i>Solanum lycopersicum</i> ). <b>2014</b> , 5, 760	37
1743	SERPINB11 frameshift variant associated with novel hoof specific phenotype in Connemara ponies. <b>2015</b> , 11, e1005122	18
1742	Epithelial Cadherin Determines Resistance to Infectious Pancreatic Necrosis Virus in Atlantic Salmon. <b>2015</b> , 200, 1313-26	108
1741	Label-free SRM-based relative quantification of antibiotic resistance mechanisms in <i>Pseudomonas aeruginosa</i> clinical isolates. <b>2015</b> , 6, 81	17
1740	Virulence and pathogenicity of <i>Candida albicans</i> is enhanced in biofilms containing oral bacteria. <b>2015</b> , 31, 27-38	59
1739	<i>Fgfr2</i> is integral for bladder mesenchyme patterning and function. <b>2015</b> , 308, F888-98	2
1738	Evaluation of transcription levels of <i>inlA</i> , <i>inlB</i> , <i>hly</i> , <i>bsh</i> and <i>prfA</i> genes in <i>Listeria monocytogenes</i> strains using quantitative reverse-transcription PCR and ability of invasion into human CaCo-2 cells. <b>2015</b> , 362,	17
1737	Candidate colorectal cancer predisposing gene variants in Chinese early-onset and familial cases. <b>2015</b> , 21, 4136-49	10
1736	Maternal age and ovarian stimulation independently affect oocyte mtDNA copy number and cumulus cell gene expression in bovine clones. <b>2015</b> , 30, 1410-20	32
1735	Expression of thyroid hormone transporters and deiodinases at the brain barriers in the embryonic chicken: Insights into the regulation of thyroid hormone availability during neurodevelopment. <b>2015</b> , 214, 30-9	32
1734	Expression of stress-related genes in diapause of European corn borer ( <i>Ostrinia nubilalis</i> Hbn.). <b>2015</b> , 186, 1-7	14
1733	Lymphatic and other vascular malformative/overgrowth disorders are caused by somatic mutations in PIK3CA. <b>2015</b> , 166, 1048-54.e1-5	315

1732	Identification of new players in cell division, DNA damage response, and morphogenesis through construction of <i>Schizosaccharomyces pombe</i> deletion strains. <b>2014</b> , 5, 361-70	11
1731	Hephaestin and ceruloplasmin play distinct but interrelated roles in iron homeostasis in mouse brain. <b>2015</b> , 145, 1003-9	42
1730	Apparent similarity, underlying homoplasmy: Morphology and molecular phylogeny of the North American clade of <i>Manihot</i> . <b>2015</b> , 102, 520-32	4
1729	Identification and mapping of Sr46 from <i>Aegilops tauschii</i> accession Clae 25 conferring resistance to race TTKSK (Ug99) of wheat stem rust pathogen. <b>2015</b> , 128, 431-43	23
1728	Next-generation sequencing is highly sensitive for the detection of beta-catenin mutations in desmoid-type fibromatoses. <b>2015</b> , 467, 203-10	25
1727	Barth syndrome without tetralinoleoyl cardiolipin deficiency: a possible ameliorated phenotype. <b>2015</b> , 38, 279-86	23
1726	Mapping of a major gene for the slow ripening character in peach: co-location with the maturity date gene and development of a candidate gene-based diagnostic marker for its selection. <b>2015</b> , 205, 627-636	36
1725	Novel Chloroplast Microsatellite (cpSSR) Markers for Genetic Diversity Assessment of Cultivated and Wild <i>Hevea Rubber</i> . <b>2015</b> , 33, 1486-1498	25
1724	RNA-Seq analysis for transcriptome assembly, gene identification, and SSR mining in ginkgo ( <i>Ginkgo biloba</i> L.). <b>2015</b> , 11, 1	20
1723	Sex identification in four leporid species ( <i>Lepus corsicanus</i> , <i>Lepus europaeus</i> , <i>Lepus timidus</i> and <i>Lepus capensis mediterraneus</i> ). <b>2015</b> , 7, 619-621	1
1722	Comparison of mitochondrial genomes provides insights into intron dynamics and evolution in the caterpillar fungus <i>Cordyceps militaris</i> . <b>2015</b> , 77, 95-107	44
1721	A missense mutation in the agouti signaling protein gene (ASIP) is associated with the no light points coat phenotype in donkeys. <b>2015</b> , 47, 28	16
1720	Genome-wide distribution comparative and composition analysis of the SSRs in Poaceae. <b>2015</b> , 16, 18	15
1719	Genome-wide expression profiling and phenotypic evaluation of European maize inbreds at seedling stage in response to heat stress. <b>2015</b> , 16, 123	54
1718	Complete plastome sequence of <i>Thalictrum coreanum</i> (Ranunculaceae) and transfer of the rpl32 gene to the nucleus in the ancestor of the subfamily Thalictroideae. <b>2015</b> , 15, 40	50
1717	Epidermolysis bullosa in Danish Hereford calves is caused by a deletion in LAMC2 gene. <b>2015</b> , 11, 23	8
1716	Ion Torrent sequencing as a tool for mutation discovery in the flax ( <i>Linum usitatissimum</i> L.) genome. <b>2015</b> , 11, 19	16
1715	Field pathogenomics reveals the emergence of a diverse wheat yellow rust population. <b>2015</b> , 16, 23	126

1714	Improving a recombinant <i>Zymomonas mobilis</i> strain 8b through continuous adaptation on dilute acid pretreated corn stover hydrolysate. <b>2015</b> , 8, 55	32
1713	The scaly-foot gastropod—a new genus and species of hydrothermal vent-endemic gastropod (Neomphalina: Peltospiridae) from the Indian Ocean. <b>2015</b> , 81, 322-334	42
1712	Habitat visualization and genomic analysis of "Candidatus Pantoea carbekii," the primary symbiont of the brown marmorated stink bug. <b>2015</b> , 7, 620-35	38
1711	Over-expression of ICE2 stabilizes cytochrome P450 reductase in <i>Saccharomyces cerevisiae</i> and <i>Pichia pastoris</i> . <b>2015</b> , 10, 623-35	27
1710	Spatial Learning Requires mGlu5 Signalling in the Dorsal Hippocampus. <b>2015</b> , 40, 1303-10	10
1709	Homozygosity mapping reveals novel and known mutations in Pakistani families with inherited retinal dystrophies. <b>2015</b> , 5, 9965	23
1708	Skeletal dysplasia in a consanguineous clan from the island of Nias/Indonesia is caused by a novel mutation in B3GAT3. <b>2015</b> , 134, 691-704	23
1707	RXR/USP and EcR are critical for the regulation of reproduction and the control of JH biosynthesis in <i>Diptera punctata</i> . <b>2015</b> , 80, 48-60	25
1706	Quantification of expression of dehydrin isoforms in the desiccation tolerant plant <i>Craterostigma plantagineum</i> using specifically designed reference genes. <b>2015</b> , 236, 103-15	13
1705	Past climate change drives current genetic structure of an endangered freshwater mussel species. <b>2015</b> , 24, 1910-26	25
1704	The genome-wide effects of ionizing radiation on mutation induction in the mammalian germline. <b>2015</b> , 6, 6684	83
1703	Broader prevalence of <i>Wolbachia</i> in insects including potential human disease vectors. <b>2015</b> , 105, 305-15	44
1702	Morphological variation and different branch modularity across contrasting flow conditions in dominant <i>Pocillopora</i> reef-building corals. <b>2015</b> , 178, 207-18	19
1701	PlasmoGEM, a database supporting a community resource for large-scale experimental genetics in malaria parasites. <i>Nucleic Acids Research</i> , <b>2015</b> , 43, D1176-82	20.1 60
1700	Periodontal Therapy Effects on Nitrite Related to Oral Bacteria: A 6-Month Randomized Clinical Trial. <b>2015</b> , 86, 984-94	14
1699	Polymorphisms and expression analysis of SOX-6 in relation to porcine growth, carcass, and meat quality traits. <b>2015</b> , 107, 26-32	5
1698	A novel family of integrases associated with prophages and genomic islands integrated within the tRNA-dihydrouridine synthase A ( <i>dusA</i> ) gene. <i>Nucleic Acids Research</i> , <b>2015</b> , 43, 4547-57	20.1 19
1697	Expression of octopaminergic receptor genes in 4 nonneural tissues in female <i>Nicrophorus vespilloides</i> beetles. <b>2015</b> , 22, 495-502	9



1696	Two-Component-System Histidine Kinases Involved in Growth of <i>Listeria monocytogenes</i> EGD-e at Low Temperatures. <b>2015</b> , 81, 3994-4004	28
1695	Oxygen tension affects histone remodeling of in vitro-produced embryos in a bovine model. <b>2015</b> , 83, 1408-15	26
1694	Activation of signal transducer and activator of transcription 5 (STAT5) is linked to $\alpha$ -integrin protein abundance in unilaterally milked bovine mammary glands. <b>2015</b> , 98, 3133-42	14
1693	Soil treatment-induced differential gene expression in tomato: Relationships between defense gene expression and soil microbial community composition. <b>2015</b> , 93, 28-39	5
1692	Fine-mapping of a major QTL controlling angular leaf spot resistance in common bean ( <i>Phaseolus vulgaris</i> L.). <b>2015</b> , 128, 813-26	43
1691	A novel multiplex assay for simultaneously analysing 13 rapidly mutating Y-STRs. <b>2015</b> , 17, 91-98	47
1690	Novel FAM20A mutation causes autosomal recessive amelogenesis imperfecta. <b>2015</b> , 60, 919-22	7
1689	Seasonal variation in mycorrhizal fungi colonizing roots of <i>Allium tricoccum</i> (wild leek) in a mature mixed hardwood forest. <b>2015</b> , 25, 469-83	17
1688	Rapid real-time PCR methods to distinguish <i>Salmonella</i> Enteritidis wildtype field isolates from vaccine strains Salmovac SE/Gallivac SE and AviPro SALMONELLA VAC E. <b>2015</b> , 112, 92-8	10
1687	A library of synthetic transcription activator-like effector-activated promoters for coordinated orthogonal gene expression in plants. <b>2015</b> , 82, 707-16	37
1686	<i>Campylobacter jejuni</i> increases flagellar expression and adhesion of noninvasive <i>Escherichia coli</i> : effects on enterocytic Toll-like receptor 4 and CXCL-8 expression. <b>2015</b> , 83, 4571-81	25
1685	Transcriptome derived microsatellite markers of <i>Tetraclita kuroshioensis</i> and cross amplification among <i>Tetraclita</i> spp.. <b>2015</b> , 63, 13-16	0
1684	Phylogeography and population genetics of black alder ( <i>Alnus glutinosa</i> (L.) Gaertn.) in Ireland: putting it in a European context. <b>2015</b> , 11, 1	13
1683	Regulation of Nitrite Stress Response in <i>Desulfovibrio vulgaris</i> Hildenborough, a Model Sulfate-Reducing Bacterium. <b>2015</b> , 197, 3400-8	21
1682	Mercury Reduction and Methyl Mercury Degradation by the Soil Bacterium <i>Xanthobacter autotrophicus</i> Py2. <b>2015</b> , 81, 7833-8	17
1681	Characterization and mapping of LanrBo: a locus conferring anthracnose resistance in narrow-leaved lupin ( <i>Lupinus angustifolius</i> L.). <b>2015</b> , 128, 2121-30	20
1680	Evolution of metastasis revealed by mutational landscapes of chemically induced skin cancers. <b>2015</b> , 21, 1514-20	75
1679	Improved detection of <i>Escherichia coli</i> and coliform bacteria by multiplex PCR. <b>2015</b> , 15, 48	56

1678	Microsatellite markers for the New Zealand endemic <i>Myosotis pygmaea</i> species group (Boraginaceae) amplify across species. <b>2015</b> , 3, 1500027	4
1677	Histone deacetylase enzymes as drug targets for the control of the sheep blowfly, <i>Lucilia cuprina</i> . <b>2015</b> , 5, 201-8	6
1676	A DNA tool for the identification of heavily exploited Atlantic billfishes. <b>2015</b> , 7, 807-809	2
1675	Adeno-Associated Virus Type 2 Rep68 Can Bind to Consensus Rep-Binding Sites on the Herpes Simplex Virus 1 Genome. <b>2015</b> , 89, 11150-8	4
1674	Isolation and development of microsatellite loci in an African Woodpecker ( <i>Campethera nivos</i> ) using polymerase chain reaction and DNA sequencing. <b>2015</b> , 8, 201	
1673	Global transcriptomic profiling of bovine endometrial immune response in vitro. I. Effect of lipopolysaccharide on innate immunity. <b>2015</b> , 93, 100	25
1672	Reliable reference gene selection for quantitative real time PCR in <i>Haemonchus contortus</i> . <b>2015</b> , 201, 123-7	12
1671	Comparative transcriptional analysis provides new insights into the molecular basis of adventitious rooting recalcitrance in <i>Eucalyptus</i> . <b>2015</b> , 239, 155-65	32
1670	Isolation and characterization of microsatellite markers useful for exploring introgression among species in the diverse New Zealand cicada genus <i>Kikihia</i> . <b>2015</b> , 15,	
1669	Development of a diagnostic co-dominant marker for stem rust resistance gene Sr47 introgressed from <i>Aegilops speltoides</i> into durum wheat. <b>2015</b> , 128, 2367-74	5
1668	Continuously tunable nucleic acid hybridization probes. <b>2015</b> , 12, 1191-6	37
1667	Insight into response to mTOR inhibition when PKD1 and TSC2 are mutated. <b>2015</b> , 16, 39	13
1666	Fourteen polymorphic microsatellite markers for the threatened <i>Arnica montana</i> (Asteraceae). <b>2015</b> , 3, 1400091	4
1665	Read count-based method for high-throughput allelic genotyping of transposable elements and structural variants. <b>2015</b> , 16, 508	
1664	Transcriptomic changes in the plant pathogenic fungus <i>Rhizoctonia solani</i> AG-3 in response to the antagonistic bacteria <i>Serratia proteamaculans</i> and <i>Serratia plymuthica</i> . <b>2015</b> , 16, 630	48
1663	Down-regulation of p-coumaroyl quinate/shikimate 3'-hydroxylase (C3'H) and cinnamate 4-hydroxylase (C4H) genes in the lignin biosynthetic pathway of <i>Eucalyptus urophylla</i> $\times$ <i>E. grandis</i> leads to improved sugar release. <b>2015</b> , 8, 128	55
1662	Production of autoinducer-2 by aerobic endospore-forming bacteria isolated from the West African fermented foods. <b>2015</b> , 362,	7
1661	RDML-Ninja and RDMLdb for standardized exchange of qPCR data. <b>2015</b> , 16, 197	9

1660	Heterozygous deletion of FOXA2 segregates with disease in a family with heterotaxy, panhypopituitarism, and biliary atresia. <b>2015</b> , 36, 631-7	31
1659	Transcriptional regulation of the Chlamydia heat shock stress response in an intracellular infection. <b>2015</b> , 97, 1158-67	13
1658	SARM1, Not MyD88, Mediates TLR7/TLR9-Induced Apoptosis in Neurons. <b>2015</b> , 195, 4913-21	31
1657	Detection of Typhoidal and Paratyphoidal Salmonella in Blood by Real-time Polymerase Chain Reaction. <b>2015</b> , 61 Suppl 4, S241-50	28
1656	Novel microsatellites for Calibrachoa heterophylla (Solanaceae) endemic to the South Atlantic Coastal Plain of South America. <b>2015</b> , 3, 1500021	4
1655	C9ORF72 intermediate repeat expansion in patients affected by atypical parkinsonian syndromes or Parkinson's disease complicated by psychosis or dementia in a Sardinian population. <b>2015</b> , 262, 2498-503	23
1654	Characterization of a Novel Hepadnavirus in the White Sucker (Catostomus commersonii) from the Great Lakes Region of the United States. <b>2015</b> , 89, 11801-11	34
1653	Mitochondrial SSRs and their utility in distinguishing wild species, CMS lines and maintainer lines in pigeonpea (Cajanus cajan L.). <b>2015</b> , 206, 737-746	7
1652	Molecular and morphological data supporting phylogenetic reconstruction of the genus Goniothalamus (Annonaceae), including a reassessment of previous infrageneric classifications. <b>2015</b> , 4, 410-21	4
1651	Genetic Testing Confirmed the Early Diagnosis of X-Linked Hypophosphatemic Rickets in a 7-Month-Old Infant. <b>2015</b> , 3, 2324709615598167	2
1650	Ellis-van Creveld Syndrome in Grey Alpine Cattle: Morphologic, Immunophenotypic, and Molecular Characterization. <b>2015</b> , 52, 957-66	8
1649	Effect of feed restriction and subsequent re-alimentation on hormones and genes of the somatotrophic axis in cattle. <b>2015</b> , 47, 264-73	5
1648	Mutations in human IFT140 cause non-syndromic retinal degeneration. <b>2015</b> , 134, 1069-78	46
1647	Functional heterologous expression of a lysophosphatidic acid acyltransferase from coconut (Cocos nucifera L.) endosperm in Saccharomyces cerevisiae and Nicotiana tabacum. <b>2015</b> , 192, 224-230	7
1646	Genome-wide RNA sequencing analysis of quorum sensing-controlled regulons in the plant-associated Burkholderia glumae PG1 strain. <b>2015</b> , 81, 7993-8007	32
1645	Clostridium butyricum Strains and Dysbiosis Linked to Necrotizing Enterocolitis in Preterm Neonates. <b>2015</b> , 61, 1107-15	76
1644	Multiplex real-time PCR assays for detection of eight Shiga toxin-producing Escherichia coli in food samples by melting curve analysis. <b>2015</b> , 215, 101-8	19
1643	De novo transcriptome sequencing in Ficus hirta Vahl. (Moraceae) to investigate gene regulation involved in the biosynthesis of pollinator attracting volatiles. <b>2015</b> , 11, 1	4

1642	Proteomic analysis of the effects of gibberellin on increased fruit sink strength in Asian pear ( <i>Pyrus pyrifolia</i> ). <b>2015</b> , 195, 25-36	16
1641	Development of a one-step duplex RT-qPCR for the quantification of phocine distemper virus. <b>2015</b> , 51, 454-65	4
1640	Genome-wide analysis of the barley MAPK gene family and its expression patterns in relation to <i>Puccinia hordei</i> infection. <b>2015</b> , 37, 1	7
1639	NMDA receptor binding is reduced within mesocorticolimbic regions following chronic inhalation of toluene in adolescent rats. <b>2015</b> , 1624, 239-252	9
1638	Sexual maturation and changes in water and salt transport components in the kidney and intestine of three-spined stickleback ( <i>Gasterosteus aculeatus</i> L.). <b>2015</b> , 188, 107-19	11
1637	Using the local immune response from the natural buffalo host to generate an antibody fragment library that binds the early larval stages of <i>Schistosoma japonicum</i> . <b>2015</b> , 45, 729-40	7
1636	Evolution of the chordate regeneration blastema: Differential gene expression and conserved role of notch signaling during siphon regeneration in the ascidian <i>Ciona</i> . <b>2015</b> , 405, 304-15	20
1635	miRNA-target chimeras reveal miRNA 3'-end pairing as a major determinant of Argonaute target specificity. <b>2015</b> , 6, 8864	179
1634	The expression of RNA helicase DDX5 is transcriptionally upregulated by calcitriol through a vitamin D response element in the proximal promoter in SiHa cervical cells. <b>2015</b> , 410, 65-73	6
1633	A major QTL controlling apple skin russetting maps on the linkage group 12 of 'Renetta Grigia di Torriana'. <b>2015</b> , 15, 150	32
1632	New microsatellite markers for <i>Campanula pyramidalis</i> (Campanulaceae) and cross-amplification in closely related species. <b>2015</b> , 3, 1400117	5
1631	Development of a high-resolution melting curve analysis screening test for SRSF2 splicing factor gene mutations in myelodysplastic syndromes. <b>2015</b> , 17, 85-9	1
1630	Transcriptomic analysis highlights reciprocal interactions of urea and nitrate for nitrogen acquisition by maize roots. <b>2015</b> , 56, 532-48	35
1629	Transient receptor potential vanilloid 1 gene deficiency ameliorates hepatic injury in a mouse model of chronic binge alcohol-induced alcoholic liver disease. <b>2015</b> , 185, 43-54	15
1628	Response of <i>Caenorhabditis elegans</i> to wireless devices radiation exposure. <b>2015</b> , 91, 286-93	2
1627	Identification and expression of antioxidant and immune defense genes in the surf clam <i>Mesodesma donacium</i> challenged with <i>Vibrio anguillarum</i> . <b>2015</b> , 19, 65-73	9
1626	Development of polymorphic microsatellite markers in the medicinal plant <i>Gardenia jasminoides</i> (Rubiaceae). <b>2015</b> , 58, 149-155	8
1625	Development of a practical NF1 genetic testing method through the pilot analysis of five Japanese families with neurofibromatosis type 1. <b>2015</b> , 37, 677-89	6

1624	Detection of the causal agents of Keriorrhea ( <i>Lepidocybium flavobrunneum</i> and <i>Ruvettus pretiosus</i> ) by means of Real Time PCR. <b>2015</b> , 174, 326-9	14
1623	Conditioned medium as a strategy for human stem cells chondrogenic differentiation. <b>2015</b> , 9, 714-23	30
1622	In vivo efficacy of microbiota-sensitive coatings for colon targeting: a promising tool for IBD therapy. <b>2015</b> , 197, 121-30	31
1621	A molecular diagnostic assay for the detection and identification of wood decay fungi of conifers. <b>2015</b> , 45, 89-101	17
1620	Gene expression platform for synthetic biology in the human pathogen <i>Streptococcus pneumoniae</i> . <b>2015</b> , 4, 228-39	25
1619	Mechanisms of resistance to apoptosis in the human acute promyelocytic leukemia cell line NB4. <b>2015</b> , 94, 379-92	5
1618	Real-time PCR detection chemistry. <b>2015</b> , 439, 231-50	242
1617	Genome, Transcriptome, and Functional Analyses of <i>Penicillium expansum</i> Provide New Insights Into Secondary Metabolism and Pathogenicity. <b>2015</b> , 28, 232-48	140
1616	lolB gene, a valid alternative for qPCR detection of <i>Vibrio cholerae</i> in food and environmental samples. <b>2015</b> , 46, 535-540	13
1615	A novel multiplex assay amplifying 13 Y-STRs characterized by rapid and moderate mutation rate. <b>2015</b> , 15, 49-55	17
1614	Rapid detection and specific differentiation of <i>Salmonella enterica</i> subsp. <i>enterica</i> Enteritidis, Typhimurium and its monophasic variant 4,[5],12:i:- by real-time multiplex PCR. <b>2015</b> , 193, 8-14	42
1613	Discovery of bacterial polyhydroxyalkanoate synthase (PhaC)-encoding genes from seasonal Baltic Sea ice and cold estuarine waters. <b>2015</b> , 19, 197-206	19
1612	Analysis of gene expression changes in peach leaves in response to Plum pox virus infection using RNA-Seq. <b>2015</b> , 16, 164-76	49
1611	Transcriptome Profiling of Alkaloid Biosynthesis in Elicitor Induced Opium Poppy. <b>2015</b> , 33, 673-688	27
1610	Dynamics and cellular localization of Bmp2, Bmp4, and Noggin transcription in the postnatal mouse skeleton. <b>2015</b> , 30, 64-70	13
1609	Simple and cost-effective 14-loci SNP assay designed for differentiation of European, East Asian and African samples. <b>2015</b> , 14, 42-9	15
1608	Coding region SNP analysis to enhance dog mtDNA discrimination power in forensic casework. <b>2015</b> , 14, 86-95	
1607	Gene expression plasticity resulting from parental leaf damage in <i>Mimulus guttatus</i> . <b>2015</b> , 205, 894-906	18

1606	The Lhx9 homeobox gene controls pineal gland development and prevents postnatal hydrocephalus. <b>2015</b> , 220, 1497-509	28
1605	Development of genome-wide PCR-based markers from insertion, deletion and single nucleotide polymorphisms for closely related Japanese rice cultivars and identification of QTLs for the appearance of cooked rice and polished rice. <b>2016</b> , 66, 742-751	4
1604	Barley disease susceptibility factor RACB acts in epidermal cell polarity and positioning of the nucleus. <b>2016</b> , 67, 3263-75	29
1603	Identification and Validation of SNP Markers Linked to the Stripe Rust Resistance Gene Yr5 in Wheat. <b>2016</b> , 56, 3055-3065	20
1602	The Draft Genome Sequence of the Yersinia entomophaga Entomopathogenic Type Strain MH96T. <b>2016</b> , 8,	14
1601	A Cluster of Nucleotide-Binding Site-Leucine-Rich Repeat Genes Resides in a Barley Powdery Mildew Resistance Quantitative Trait Loci on 7HL. <b>2016</b> , 9, plantgenome2015.10.0101	10
1600	Degradable Dextran Nanopolymer as a Carrier for Choline Kinase (ChoK) siRNA Cancer Therapy. <b>2016</b> , 6,	16
1599	Identification and Quantification of a Toxigenic and Non-Toxigenic Aspergillus flavus Strain in Contaminated Maize Using Quantitative Real-Time PCR. <b>2016</b> , 8,	10
1598	Fibroblast Growth Factor 21 (FGF21) Protects against High Fat Diet Induced Inflammation and Islet Hyperplasia in Pancreas. <b>2016</b> , 11, e0148252	69
1597	Affinity Pulldown of Biotinylated RNA for Detection of Protein-RNA Complexes. <b>2016</b> , 6,	21
1596	Identification and sequence analysis of alkaloid biosynthesis genes in Papaver section Oxytona. <b>2016</b> , 40, 174-183	1
1595	N-Ethyl-N-Nitrosourea (ENU) Mutagenesis Reveals an Intronic Residue Critical for Caenorhabditis elegans 3' Splice Site Function in Vivo. <b>2016</b> , 6, 1751-6	3
1594	Targeted transplantation of mitochondria to hepatocytes. <b>2016</b> , 8, 115-134	5
1593	Development of Multiple Polymorphic Microsatellite Markers for Ceratina calcarata (Hymenoptera: Apidae) Using Genome-Wide Analysis. <b>2016</b> , 16,	2
1592	DUOX2 Expression Is Increased in Barrett Esophagus and Cancerous Tissues of Stomach and Colon. <b>2016</b> , 2016, 1835684	15
1591	Multi-functional roles for the polypeptide transport associated domains of Toc75 in chloroplast protein import. <b>2016</b> , 5,	31
1590	Exome Sequencing Identifies Compound Heterozygous Mutations in Associated with Congenital Complete Heart Block in the Thai Population. <b>2016</b> , 2016, 3684965	9
1589	Serotonin-Exacerbated DSS-Induced Colitis Is Associated with Increase in MMP-3 and MMP-9 Expression in the Mouse Colon. <b>2016</b> , 2016, 5359768	12

1588	Scavenger Receptor Class B, Type I, a CD36 Related Protein in : Characterization, RNA Interference, and Expression Analysis with Different Dietary Lipid Sources. <b>2016</b> , 2016, 6325927	8
1587	An Improved Multiplex Real-Time SYBR Green PCR Assay for Analysis of 24 Target Genes from 16 Bacterial Species in Fecal DNA Samples from Patients with Foodborne Illnesses. <b>2016</b> , 69, 191-201	6
1586	Central Interleukin-1β Suppresses the Nocturnal Secretion of Melatonin. <b>2016</b> , 2016, 2589483	18
1585	FullSSR: Microsatellite Finder and Primer Designer. <b>2016</b> , 2016, 6040124	14
1584	The Pathogenesis of Saffold Virus in AG129 Mice and the Effects of Its Truncated L Protein in the Central Nervous System. <b>2016</b> , 8,	4
1583	Long Terminal Repeat Circular DNA as Markers of Active Viral Replication of Human T Lymphotropic Virus-1 in Vivo. <b>2016</b> , 8, 80	8
1582	Phylogenetic and Molecular Variability Studies Reveal a New Genetic Clade of Citrus leprosis virus C. <b>2016</b> , 8,	29
1581	Interactions "Candidatus Liberibacter solanacearum"-Bactericera cockerelli: Haplotype Effect on Vector Fitness and Gene Expression Analyses. <b>2016</b> , 6, 62	34
1580	Contrasting Evolutionary Rates between Social and Parasitic Bumblebees for Three Social Effect Genes. <b>2016</b> , 4,	2
1579	Development of SSR Markers and Assessment of Genetic Diversity in Medicinal Chrysanthemum morifolium Cultivars. <b>2016</b> , 7, 113	24
1578	Transient Migration of Large Numbers of CD14(++) CD16(+) Monocytes to the Draining Lymph Node after Onset of Inflammation. <b>2016</b> , 7, 322	17
1577	Transcriptome and Proteome Studies Reveal Candidate Attachment Genes during the Development of the Barnacle Amphibalanus Amphitrite. <b>2016</b> , 3,	5
1576	Gene Status Affects Survival in Advanced Mycosis Fungoides. <b>2016</b> , 3, 51	7
1575	Genomic Insights into a New Citrobacter koseri Strain Revealed Gene Exchanges with the Virulence-Associated Yersinia pestis pPCP1 Plasmid. <b>2016</b> , 7, 340	10
1574	Experimental Identification of Small Non-Coding RNAs in the Model Marine Bacterium Ruegeria pomeroyi DSS-3. <b>2016</b> , 7, 380	9
1573	Insights from the Genome Sequence of Acidovorax citrulli M6, a Group I Strain of the Causal Agent of Bacterial Fruit Blotch of Cucurbits. <b>2016</b> , 7, 430	11
1572	The Role of Complement in Cnidarian-Dinoflagellate Symbiosis and Immune Challenge in the Sea Anemone Aiptasia pallida. <b>2016</b> , 7, 519	39
1571	Single-Cell (Meta-)Genomics of a Dimorphic Candidatus Thiomargarita nelsonii Reveals Genomic Plasticity. <b>2016</b> , 7, 603	18

1570	Induction of Subacute Ruminal Acidosis Affects the Ruminal Microbiome and Epithelium. <b>2016</b> , 7, 701	77
1569	Pea Broth Enhances the Biocontrol Efficacy of <i>Lysobacter capsici</i> AZ78 by Triggering Cell Motility Associated with Biogenesis of Type IV Pilus. <b>2016</b> , 7, 1136	15
1568	<i>Leisingera</i> sp. JC1, a Bacterial Isolate from Hawaiian Bobtail Squid Eggs, Produces Indigoidine and Differentially Inhibits <i>Vibrios</i> . <b>2016</b> , 7, 1342	42
1567	Complete Genome Sequence of DSM 8809, a Microbe Identified in Spoiled Vacuum Packed Beef. <b>2016</b> , 7, 1764	12
1566	Development of a qPCR Method to Measure Mitochondrial and Genomic DNA Damage with Application to Chemotherapy-Induced DNA Damage and Cryopreserved Cells. <b>2016</b> , 5,	5
1565	Fine Mapping of Virescent Leaf Gene v-1 in Cucumber ( <i>Cucumis sativus</i> L.). <b>2016</b> , 17,	17
1564	Development of 12 Microsatellite Markers in <i>Dorcus titanus castanicolor</i> (Motschulsky, 1861) (Lucanidae, Coleoptera) from Korea Using Next-Generation Sequencing. <b>2016</b> , 17,	3
1563	Endogenous Multiple Exon Skipping and Back-Splicing at the DMD Mutation Hotspot. <b>2016</b> , 17,	27
1562	Effects of Halide Ions on the Carbamidocyclophane Biosynthesis in <i>Nostoc</i> sp. CAVN2. <b>2016</b> , 14, 21	24
1561	Cross-Species, Amplifiable EST-SSR Markers for <i>Amentotaxus</i> Species Obtained by Next-Generation Sequencing. <b>2016</b> , 21, 67	12
1560	Optimizing a multiplex high resolution melting curve to diagnose G6PD deficiency based on viangchan and canton mutations. <b>2016</b> , 3,	
1559	InDel marker detection by integration of multiple softwares using machine learning techniques. <b>2016</b> , 17, 548	3
1558	Monoamine oxidase B gene variants associated with attention deficit hyperactivity disorder in the Indo-Caucasoid population from West Bengal. <b>2016</b> , 17, 92	6
1557	p53, cathepsin D, Bcl-2 are joint prognostic indicators of breast cancer metastatic spreading. <b>2016</b> , 16, 649	17
1556	Sub-Saharan red cell antigen phenotypes and glucose-6-phosphate dehydrogenase deficiency variants in French Guiana. <b>2016</b> , 15, 310	1
1555	Predominance of Single Prophage Carrying a CRISPR/cas System in " <i>Candidatus Liberibacter asiaticus</i> " Strains in Southern China. <b>2016</b> , 11, e0146422	31
1554	Association of a Chromosomal Rearrangement Event with Mouse Posterior Polymorphous Corneal Dystrophy and Alterations in <i>Csrp2bp</i> , <i>Dzank1</i> , and <i>Ovol2</i> Gene Expression. <b>2016</b> , 11, e0157577	4
1553	Effect of the Ketone Body Beta-Hydroxybutyrate on the Innate Defense Capability of Primary Bovine Mammary Epithelial Cells. <b>2016</b> , 11, e0157774	14



1552	The Dynamics of Lateral Gene Transfer in Genus <i>Leishmania</i> - A Route for Adaptation and Species Diversification. <b>2016</b> , 10, e0004326	5
1551	Unbiased Characterization of Anopheles Mosquito Blood Meals by Targeted High-Throughput Sequencing. <b>2016</b> , 10, e0004512	40
1550	Complexity of Infection and Genetic Diversity in Cambodian <i>Plasmodium vivax</i> . <b>2016</b> , 10, e0004526	26
1549	A Phylogenomic Approach Based on PCR Target Enrichment and High Throughput Sequencing: Resolving the Diversity within the South American Species of <i>Bartsia</i> L. (Orobanchaceae). <b>2016</b> , 11, e0148203	57
1548	Identification and Validation of Reference Genes and Their Impact on Normalized Gene Expression Studies across Cultivated and Wild Cicer Species. <b>2016</b> , 11, e0148451	28
1547	Novel Acylguanidine Derivatives Targeting Smoothed Induce Antiproliferative and Pro-Apoptotic Effects in Chronic Myeloid Leukemia Cells. <b>2016</b> , 11, e0149919	6
1546	HapX Mediates Iron Homeostasis in the Pathogenic Dermatophyte <i>Arthroderma benhamiae</i> but Is Dispensable for Virulence. <b>2016</b> , 11, e0150701	11
1545	The Transcript Profile of a Traditional Chinese Medicine, <i>Atractylodes lancea</i> , Revealing Its Sesquiterpenoid Biosynthesis of the Major Active Components. <b>2016</b> , 11, e0151975	20
1544	Transcriptome Characterization and Functional Marker Development in <i>Sorghum Sudanense</i> . <b>2016</b> , 11, e0154947	5
1543	Exome Sequencing Identifies a Novel LMNA Splice-Site Mutation and Multigenic Heterozygosity of Potential Modifiers in a Family with Sick Sinus Syndrome, Dilated Cardiomyopathy, and Sudden Cardiac Death. <b>2016</b> , 11, e0155421	19
1542	A Single Transcriptome of a Green Toad ( <i>Bufo viridis</i> ) Yields Candidate Genes for Sex Determination and -Differentiation and Non-Anonymous Population Genetic Markers. <b>2016</b> , 11, e0156419	12
1541	De Novo Assembly and Comparative Transcriptome Analyses of Red and Green Morphs of Sweet Basil Grown in Full Sunlight. <b>2016</b> , 11, e0160370	19
1540	Mannose 6-Phosphate Receptor Is Reduced in -Synuclein Overexpressing Models of Parkinsons Disease. <b>2016</b> , 11, e0160501	17
1539	Transcriptomic Changes Associated with Pregnancy in a Marsupial, the Gray Short-Tailed Opossum <i>Monodelphis domestica</i> . <b>2016</b> , 11, e0161608	17
1538	De Novo Assembly and Transcriptome Analysis of Bulb Onion ( <i>Allium cepa</i> L.) during Cold Acclimation Using Contrasting Genotypes. <b>2016</b> , 11, e0161987	20
1537	Identification and linkage analysis of a new rice bacterial blight resistance gene from XM14, a mutant line from IR24. <b>2016</b> , 66, 636-645	42
1536	Muscle-Specific Myosin Heavy Chain Shifts in Response to a Long-Term High Fat/High Sugar Diet and Resveratrol Treatment in Nonhuman Primates. <b>2016</b> , 7, 77	21
1535	CandiSSR: An Efficient Pipeline used for Identifying Candidate Polymorphic SSRs Based on Multiple Assembled Sequences. <b>2015</b> , 6, 1171	29

1534	Aromatic Glucosinolate Biosynthesis Pathway in <i>Barbarea vulgaris</i> and its Response to <i>Plutella xylostella</i> Infestation. <b>2016</b> , 7, 83	26
1533	De novo Transcriptome Analysis of <i>Sinapis alba</i> in Revealing the Glucosinolate and Phytochelatin Pathways. <b>2016</b> , 7, 259	14
1532	Genome-Wide Transcriptional Excavation of <i>Dipsacus asperoides</i> Unmasked both Cryptic Asperosaponin Biosynthetic Genes and SSR Markers. <b>2016</b> , 7, 339	4
1531	Transcriptome Response Mediated by Cold Stress in <i>Lotus japonicus</i> . <b>2016</b> , 7, 374	48
1530	Evaluation of Sorghum [ <i>Sorghum bicolor</i> (L.)] Reference Genes in Various Tissues and under Abiotic Stress Conditions for Quantitative Real-Time PCR Data Normalization. <b>2016</b> , 7, 529	72
1529	Global Transcriptional Analysis Reveals Unique and Shared Responses in <i>Arabidopsis thaliana</i> Exposed to Combined Drought and Pathogen Stress. <b>2016</b> , 7, 686	34
1528	Drought Stress Predominantly Endures <i>Arabidopsis thaliana</i> to <i>Pseudomonas syringae</i> Infection. <b>2016</b> , 7, 808	30
1527	Gene Mapping of a Mutant Mungbean ( <i>Vigna radiata</i> L.) Using New Molecular Markers Suggests a Gene Encoding a YUC4-like Protein Regulates the Chasmogamous Flower Trait. <b>2016</b> , 7, 830	11
1526	Short-Term Treatment with the Urease Inhibitor N-(n-Butyl) Thiophosphoric Triamide (NBPT) Alters Urea Assimilation and Modulates Transcriptional Profiles of Genes Involved in Primary and Secondary Metabolism in Maize Seedlings. <b>2016</b> , 7, 845	26
1525	PlantFuncSSR: Integrating First and Next Generation Transcriptomics for Mining of SSR-Functional Domains Markers. <b>2016</b> , 7, 878	4
1524	Comparative Transcriptome Reconstruction of Four <i>Hypericum</i> Species Focused on Hypericin Biosynthesis. <b>2016</b> , 7, 1039	13
1523	A Major QTL, Which Is Co-located with , and Two Minor QTLs Are Associated with Glume Opening Angle in Barley (L.). <b>2016</b> , 7, 1585	2
1522	DArT Markers Effectively Target Gene Space in the Rye Genome. <b>2016</b> , 7, 1600	18
1521	Insights into the Sesquiterpenoid Pathway by Metabolic Profiling and Transcriptome Assembly of Stem-Chicory ( Cultigroup "Catalogna"). <b>2016</b> , 7, 1676	15
1520	Targeting the Gene to Explore the Role of Invertases in Sucrose Transport in Roots and during Infection. <b>2016</b> , 7, 1899	35
1519	Using Targeted Sequencing of Paralogous Sequences for Noninvasive Detection of Selected Fetal Aneuploidies. <b>2016</b> , 62, 1621-1629	6
1518	Expression of a recombinant full-length LRP1B receptor in human non-small cell lung cancer cells confirms the postulated growth-suppressing function of this large LDL receptor family member. <b>2016</b> , 7, 68721-68733	22
1517	Fine mapping of the gene for susceptibility to black spot disease in Japanese pear ( <i>Pyrus pyrifolia</i> Nakai). <b>2016</b> , 66, 271-80	14

1516	Oncogenic mechanisms of missense mutations in prostate carcinogenesis. <b>2016</b> , 3, 288-296	7
1515	Endothelial Cells from Capillary Malformations Are Enriched for Somatic GNAQ Mutations. <b>2016</b> , 137, 77e-82e	62
1514	The defensive role of foliar endophytic fungi for a South American tree. <b>2016</b> , 8,	27
1513	Selection of reference genes for expression analysis in the potato psyllid, <i>Bactericera cockerelli</i> . <b>2016</b> , 25, 227-38	22
1512	RNA-Seq revealed the impairment of immune defence of tilapia against the infection of <i>Streptococcus agalactiae</i> with simulated climate warming. <b>2016</b> , 55, 679-89	21
1511	Proteomic profiling reveals dopaminergic regulation of progenitor cell functions of goldfish radial glial cells in vitro. <b>2016</b> , 144, 123-32	7
1510	Assembled Plastid and Mitochondrial Genomes, as well as Nuclear Genes, Place the Parasite Family Cynomoriaceae in the Saxifragales. <b>2016</b> , 8, 2214-30	40
1509	Peripheral blood methylation profiling of female Crohn's disease patients. <b>2016</b> , 8, 65	26
1508	Strongly asymmetric hybridization barriers shape the origin of a new polyploid species and its hybrid ancestor. <b>2016</b> , 103, 1272-88	33
1507	Full-length nucleotide sequences of 30 common SLC44A2 alleles encoding human neutrophil antigen-3. <b>2016</b> , 56, 729-36	6
1506	Screening and validation of lncRNAs and circRNAs as miRNA sponges. <b>2017</b> , 18, 780-788	190
1505	Old and new DNA unweave the phylogenetic position of the eastern Atlantic gall crab <i>Detocarcinus balssi</i> (Monod, 1956) (Decapoda: Cryptochiridae). <b>2016</b> , 54, 189-196	6
1504	Smooth muscle and neural dysfunction contribute to different phases of murine postoperative ileus. <b>2016</b> , 28, 934-47	24
1503	Transcriptome analysis of <i>Streptococcus gordonii</i> Challis DL1 indicates a role for the biofilm-associated fruRBA operon in response to <i>Candida albicans</i> . <b>2016</b> , 31, 314-28	7
1502	Population genetics of <i>Phytophthora infestans</i> in Denmark reveals dominantly clonal populations and specific alleles linked to metalaxyl-M resistance. <b>2016</b> , 65, 744-753	16
1501	A New Subtype of Multiple Synostoses Syndrome Is Caused by a Mutation in GDF6 That Decreases Its Sensitivity to Noggin and Enhances Its Potency as a BMP Signal. <b>2016</b> , 31, 882-9	17
1500	Microbial and Environmental Controls of Methane Fluxes Along a Soil Moisture Gradient in a Pacific Coastal Temperate Rainforest. <b>2016</b> , 19, 1255-1270	23
1499	Transcriptome profile of Chinese bush cricket, <i>Gampsocleis gratiosa</i> : A resource for microsatellite marker development. <b>2016</b> , 46, 197-205	2

1498	Chronic exposure to mono-(2-ethylhexyl)-phthalate causes endocrine disruption and reproductive dysfunction in zebrafish. <b>2016</b> , 35, 2117-24	18
1497	Anchoring genome sequence to chromosomes of the central bearded dragon ( <i>Pogona vitticeps</i> ) enables reconstruction of ancestral squamate macrochromosomes and identifies sequence content of the Z chromosome. <b>2016</b> , 17, 447	24
1496	Genetic diversity and breeding history of Winter Mushroom ( <i>Flammulina velutipes</i> ) in China uncovered by genomic SSR markers. <b>2016</b> , 591, 227-235	27
1495	Co-localization of QTLs for pod fiber content and pod shattering in F2 and backcross populations between yardlong bean and wild cowpea. <b>2016</b> , 36, 1	28
1494	Human Y Chromosome Haplogroup N: A Non-trivial Time-Resolved Phylogeography that Cuts across Language Families. <b>2016</b> , 99, 163-73	65
1493	Transcriptome sequencing reveals aberrant alternative splicing in Huntington's disease. <b>2016</b> , 25, 3454-3466	61
1492	Cultivating microbial dark matter in benzene-degrading methanogenic consortia. <b>2016</b> , 18, 2923-36	37
1491	Specific cytotoxic T-cell immune responses against autoantigens recognized by chronic lymphocytic leukaemia cells. <b>2016</b> , 174, 582-90	3
1490	HybProbes-based real-time PCR assay for specific identification of <i>Streptomyces scabies</i> and <i>Streptomyces europaeiscabiei</i> , the potato common scab pathogens. <b>2016</b> , 62, 153-9	1
1489	A Carbohydrate Sulfotransferase-6 (CHST6) gene mutation is associated with Macular Corneal Dystrophy in Labrador Retrievers. <b>2016</b> , 19, 488-492	2
1488	A Method for Amplicon Deep Sequencing of Drug Resistance Genes in <i>Plasmodium falciparum</i> Clinical Isolates from India. <b>2016</b> , 54, 1500-1511	29
1487	Evolution of Neuroadaptation in the Periphery and Purifying Selection in the Brain Contribute to Compartmentalization of Simian Immunodeficiency Virus (SIV) in the Brains of Rhesus Macaques with SIV-Associated Encephalitis. <b>2016</b> , 90, 6112-6126	10
1486	X Chromosome Crossover Formation and Genome Stability in <i>Caenorhabditis elegans</i> Are Independently Regulated by <i>xnd-1</i> . <b>2016</b> , 6, 3913-3925	9
1485	Long distance dispersal and vertical gene flow in the Caribbean brooding coral <i>Porites astreoides</i> . <b>2016</b> , 6, 21619	75
1484	Development of SSR markers for a Tibetan medicinal plant, ( <i>Phrymaceae</i> ), based on RAD sequencing. <b>2016</b> , 4, 1600076	9
1483	The mutation p.E113K in the Schiff base counterion of rhodopsin is associated with two distinct retinal phenotypes within the same family. <b>2016</b> , 6, 36208	7
1482	Molecular cloning and expression of the vitellogenin gene and its correlation with ovarian development in an invasive pest <i>Octodonta nipae</i> on two host plants. <b>2016</b> , 106, 642-50	10
1481	The source of SYBR green master mix determines outcome of nucleic acid amplification reactions. <b>2016</b> , 9, 292	10

1480	Global changes of the RNA-bound proteome during the maternal-to-zygotic transition in <i>Drosophila</i> . <b>2016</b> , 7, 12128	90
1479	Characterization of a novel large deletion caused by double-stranded breaks in 6-bp microhomologous sequences of intron 11 and 12 of the F13A1 gene. <b>2016</b> , 3, 15059	3
1478	Exploring regulatory networks of miR-96 in the developing inner ear. <b>2016</b> , 6, 23363	11
1477	Supplementation of glycerol or fructose via drinking water to enhance marbling deposition and meat quality of finishing cattle. <b>2016</b> , 94, 858-68	4
1476	Forced rather than voluntary exercise entrains peripheral clocks via a corticosterone/noradrenaline increase in PER2::LUC mice. <b>2016</b> , 6, 27607	51
1475	Comparative transcriptome profiling of the fertile and sterile flower buds of a dominant genic male sterile line in sesame ( <i>Sesamum indicum</i> L.). <b>2016</b> , 16, 250	16
1474	Creb1 regulates late stage mammalian lung development via respiratory epithelial and mesenchymal-independent mechanisms. <b>2016</b> , 6, 25569	8
1473	Isolation of the Male-Specific Transformer Exon as a Method for Immature Specimen Sex Identification in <i>Chrysomya megacephala</i> (Diptera: Calliphoridae). <b>2017</b> , 54, 496-500	4
1472	The Genetic Structure, Virulence, and Fungicide Sensitivity of <i>Fusarium fujikuroi</i> in Taiwan. <b>2016</b> , 106, 624-35	14
1471	Newly Emerged Populations of <i>Plasmopara halstedii</i> Infecting <i>Rudbeckia</i> Exhibit Unique Genotypic Profiles and Are Distinct from Sunflower-Infecting Strains. <b>2016</b> , 106, 752-61	17
1470	Potassium fluxes and reactive oxygen species production as potential indicators of salt tolerance in <i>Cucumis sativus</i> . <b>2016</b> , 43, 1016-1027	10
1469	A Global Analysis of CYP51 Diversity and Azole Sensitivity in <i>Rhynchospirium commune</i> . <b>2016</b> , 106, 355-61	26
1468	Logic programming to infer complex RNA expression patterns from RNA-seq data. <b>2018</b> , 19, 199-209	9
1467	Flight of <i>Rhyzopertha dominica</i> (Coleoptera: Bostrichidae)-a Spatio-Temporal Analysis With Pheromone Trapping and Population Genetics. <b>2016</b> , 109, 2561-2571	48
1466	A genome-wide BAC-end sequence survey provides first insights into sweetpotato ( <i>Ipomoea batatas</i> (L.) Lam.) genome composition. <b>2016</b> , 17, 945	8
1465	Distinct and shared functions of ALS-associated proteins TDP-43, FUS and TAF15 revealed by multisystem analyses. <b>2016</b> , 7, 12143	94
1464	Lotus Base: An integrated information portal for the model legume <i>Lotus japonicus</i> . <b>2016</b> , 6, 39447	76
1463	Ty1-copia elements reveal diverse insertion sites linked to polymorphisms among flax ( <i>Linum usitatissimum</i> L.) accessions. <b>2016</b> , 17, 1002	7

1462	Comparative genomic identification and expression profiling of a novel $\gamma$ -defensin gene cluster in the equine reproductive tract. <b>2015</b> ,	7
1461	Rare disruptive mutations in ciliary function genes contribute to testicular cancer susceptibility. <b>2016</b> , 7, 13840	26
1460	Exogenous Abscisic Acid and Gibberellic Acid Elicit Opposing Effects on <i>Fusarium graminearum</i> Infection in Wheat. <b>2016</b> , 106, 986-96	33
1459	Whole Genome Sequencing Identifies a Missense Mutation in HES7 Associated with Short Tails in Asian Domestic Cats. <b>2016</b> , 6, 31583	12
1458	Bioinformatics for Molecular Authentication of Chinese Medicinal Materials. <b>2016</b> , 113-130	
1457	Unusual Five Copies and Dual Forms of nrdB in "Candidatus Liberibacter asiaticus": Biological Implications and PCR Detection Application. <b>2016</b> , 6, 39020	37
1456	A CRISPR/Cas9 Functional Screen Identifies Rare Tumor Suppressors. <b>2016</b> , 6, 38968	29
1455	Involvement of prolactin in the meloxicam-dependent inflammatory response of the gonadotropic axis to prolonged lipopolysaccharide treatment in anoestrous ewes. <b>2016</b> , 28, 914-923	6
1454	TRPM2 SNP genotype previously associated with susceptibility to <i>Rhodococcus equi</i> pneumonia in Quarter Horse foals displays differential gene expression identified using RNA-Seq. <b>2016</b> , 17, 993	4
1453	Differences in glycosyltransferase family 61 accompany variation in seed coat mucilage composition in <i>Plantago</i> spp. <b>2016</b> , 67, 6481-6495	24
1452	Improving herpetological surveys in eastern North America using the environmental DNA method. <b>2016</b> , 59, 991-1007	46
1451	A novel intronic splice site gene mutation detected prenatally in a family with Barth syndrome. <b>2016</b> , 19, 95-100	3
1450	Registry in a tube: multiplexed pools of retrievable parts for genetic design space exploration. <i>Nucleic Acids Research</i> , <b>2017</b> , 45, 1553-1565	20.1 24
1449	Transcriptome sequencing and simple sequence repeat marker development for three Macaronesian endemic plant species. <b>2016</b> , 4, 1600050	13
1448	Low Base-Substitution Mutation Rate in the Germline Genome of the Ciliate <i>Tetrahymena thermophil</i> . <b>2016</b> , 8, 3629-3639	28
1447	Interspecific hybridization, polyploidization, and backcross of <i>Brassica oleracea</i> var. <i>alboglabra</i> with <i>B. rapa</i> var. <i>purpurea</i> morphologically recapitulate the evolution of <i>Brassica</i> vegetables. <b>2016</b> , 6, 18618	25
1446	Slo1 regulates ethanol-induced scrunching in freshwater planarians. <b>2016</b> , 13, 055001	5
1445	Wbp2 is required for normal glutamatergic synapses in the cochlea and is crucial for hearing. <b>2016</b> , 8, 191-207	31

1444	Microsatellites for <i>Oenothera gayleana</i> and <i>O. hartwegii</i> subsp. <i>filifolia</i> (Onagraceae), and their utility in section <i>Calylophus</i> . <b>2016</b> , 4, 1500107	2
1443	Gender-Associated Mitochondrial DNA Heteroplasmy in Somatic Tissues of the Endangered Freshwater Mussel <i>Unio crassus</i> (Bivalvia: Unionidae): Implications for Sex Identification and Phylogeographical Studies. <b>2016</b> , 325, 610-625	17
1442	High-throughput analysis of the satellitome illuminates satellite DNA evolution. <b>2016</b> , 6, 28333	114
1441	Identification of common, unique and polymorphic microsatellites among 73 cyanobacterial genomes. <b>2016</b> , 32, 71	3
1440	Sex-dependent expression of anti-Müllerian hormone (amh) and amh receptor 2 during sex organ differentiation and characterization of the Müllerian duct development in <i>Xenopus tropicalis</i> . <b>2016</b> , 229, 132-44	18
1439	Redundant synthesis of a conidial polyketide by two distinct secondary metabolite clusters in <i>Aspergillus fumigatus</i> . <b>2016</b> , 18, 246-59	42
1438	Germline Chromothripsis Driven by L1-Mediated Retrotransposition and Alu/Alu Homologous Recombination. <b>2016</b> , 37, 385-95	40
1437	Potential for exploitative competition, not intraguild predation, between invasive harlequin ladybirds and flowerbugs in urban parks. <b>2016</b> , 18, 517-532	15
1436	Plastid genomes reveal support for deep phylogenetic relationships and extensive rate variation among palms and other commelinid monocots. <b>2016</b> , 209, 855-70	124
1435	Bean pod mottle virus: a new powerful tool for functional genomics studies in <i>Pisum sativum</i> . <b>2016</b> , 14, 1777-87	9
1434	Evaluating the effects of laboratory protocols on eDNA detection probability for an endangered freshwater fish. <b>2016</b> , 6, 2739-50	62
1433	Selection and testing of reference genes for accurate RT-qPCR in adult needles and seedlings of maritime pine. <b>2016</b> , 12, 1	12
1432	In vitro selection of antibiotic-binding aptamers. <b>2016</b> , 106, 42-50	19
1431	The Gastric Mucosa from Patients Infected with CagA+ or VacA+ <i>Helicobacter pylori</i> Has a Lower Level of Dual Oxidase-2 Expression than Uninfected or Infected with CagA-/VacA- <i>H. pylori</i> . <b>2016</b> , 61, 2328-2337	7
1430	Development of novel microsatellite loci and analyses of genetic diversity in the endangered <i>Tanakia somjinensis</i> . <b>2016</b> , 66, 344-350	5
1429	A gene encoding a polygalacturonase-inhibiting protein (PGIP) is a candidate gene for bruchid (Coleoptera: bruchidae) resistance in mungbean ( <i>Vigna radiata</i> ). <b>2016</b> , 129, 1673-83	39
1428	Designer nanoscale DNA assemblies programmed from the top down. <b>2016</b> , 352, 1534	370
1427	The genome and genetics of a high oxidative stress tolerant <i>Serratia</i> sp. LCN16 isolated from the plant parasitic nematode <i>Bursaphelenchus xylophilus</i> . <b>2016</b> , 17, 301	13

1426	Comparative Transcriptome Analysis between Low- and High-Cadmium-Accumulating Genotypes of Pakchoi ( <i>Brassica chinensis</i> L.) in Response to Cadmium Stress. <b>2016</b> , 50, 6485-94	129
1425	Polymorphisms in the regulatory region of the porcine MYLPF gene are related to meat quality traits in the Large White breed. <b>2016</b> , 113, 104-6	3
1424	The global regulator LaeA controls production of citric acid and endoglucanases in <i>Aspergillus carbonarius</i> . <b>2016</b> , 43, 1139-47	16
1423	Identification of differentially expressed genes and signalling pathways in bark of <i>Hevea brasiliensis</i> seedlings associated with secondary laticifer differentiation using gene expression microarray. <b>2016</b> , 107, 45-55	13
1422	Molecular phylogenetic analyses of tissue coccidia (sarcocystidae; apicomplexa) based on nuclear 18s RDNA and mitochondrial COI sequences confirms the paraphyly of the genus <i>Hammondia</i> . <b>2016</b> , 2, 2, 2	18
1421	The identification of additional zebrafish DICP genes reveals haplotype variation and linkage to MHC class I genes. <b>2016</b> , 68, 295-312	5
1420	Assessment of genetic diversity amongst Ugandan sesame ( <i>Sesamum indicum</i> L.) landraces based on agromorphological traits and genetic markers. <b>2016</b> , 19, 117-124	10
1419	Methoxypyrazine Accumulation and O-Methyltransferase Gene Expression in Sauvignon blanc Grapes: The Role of Leaf Removal, Light Exposure, and Berry Development. <b>2016</b> , 64, 2200-8	24
1418	Mutations in <i>POMGNT1</i> cause non-syndromic retinitis pigmentosa. <b>2016</b> , 25, 1479-88	27
1417	Selection of reference genes for real-time quantitative PCR analysis of gene expression in <i>Glycyrrhiza glabra</i> under drought stress. <b>2016</b> , 60, 645-654	7
1416	Rumen papillae morphology of beef steers relative to gain and feed intake and the association of volatile fatty acids with kallikrein gene expression. <b>2016</b> , 187, 24-30	12
1415	Comparison of isothermal helicase-dependent amplification and PCR for the detection of <i>Mycobacterium tuberculosis</i> by an electrochemical genomagnetic assay. <b>2016</b> , 408, 8603-8610	20
1414	Development of SNP and microsatellite markers for goldsinny wrasse ( <i>Ctenolabrus rupestris</i> ) from ddRAD sequencing data. <b>2016</b> , 8, 201-206	8
1413	Genotyping-by-sequencing of a bi-parental mapping population segregating for downy mildew resistance in hop ( <i>Humulus lupulus</i> L.). <b>2016</b> , 208, 545-559	16
1412	Application of Droplet Digital PCR to Validate Rift Valley Fever Vaccines. <b>2016</b> , 1403, 207-20	4
1411	Circadian rhythms of clock gene expression in Nile tilapia ( <i>Oreochromis niloticus</i> ) central and peripheral tissues: influence of different lighting and feeding conditions. <b>2016</b> , 186, 775-85	37
1410	Analysis of Allelic Diversity and Genetic Relationships Among Cultivated Mangosteen ( <i>Garcinia mangostana</i> L.) in Java, Indonesia Using Microsatellite Markers and Morphological Characters. <b>2016</b> , 9, 29-41	5
1409	The Molecular Registry of Pituitary Adenomas (REMAH): A bet of Spanish Endocrinology for the future of individualized medicine and translational research. <b>2016</b> , 63, 274-84	12



1408	Enumeration of Parasitic Chytrid Zoospores in the Columbia River via Quantitative PCR. <b>2016</b> , 82, 3857-3867	10
1407	Characterization of novel type I ribosome-inactivating proteins isolated from oil palm ( <i>Elaeis guineensis</i> ) inoculated with <i>Ganoderma boninense</i> , the causal agent of basal stem rot. <b>2016</b> , 94, 53-61	2
1406	Astrocytes Grown in Alvetex(®) Three Dimensional Scaffolds Retain a Non-reactive Phenotype. <b>2016</b> , 41, 1857-67	15
1405	Transcriptome-Derived Tetranucleotide Microsatellites and Their Associated Genes from the Giant Panda ( <i>Ailuropoda melanoleuca</i> ). <b>2016</b> , 107, 423-30	7
1404	Lack of Overt Genome Reduction in the Bryostatin-Producing Bryozoan Symbiont "Candidatus <i>Endobugula sertula</i> ". <b>2016</b> , 82, 6573-6583	33
1403	The <i>mvp2</i> mutation affects the generative transition through the modification of transcriptome pattern, salicylic acid and cytokinin metabolism in <i>Triticum monococcum</i> . <b>2016</b> , 202, 21-33	5
1402	Koalas ( <i>Phascolarctos cinereus</i> ) From Queensland Are Genetically Distinct From 2 Populations in Victoria. <b>2016</b> , 107, 573-580	3
1401	Geographically widespread mitochondrial lineages of the African saw-wings inconsistent with species boundaries. <b>2016</b> , 87, 271-275	
1400	Clinical impact of clonal and subclonal TP53, SF3B1, BIRC3, NOTCH1, and ATM mutations in chronic lymphocytic leukemia. <b>2016</b> , 127, 2122-30	188
1399	Silencing the Honey Bee ( <i>Apis mellifera</i> ) Naked Cuticle Gene ( <i>nkd</i> ) Improves Host Immune Function and Reduces <i>Nosema ceranae</i> Infections. <b>2016</b> , 82, 6779-6787	35
1398	Dietary selenium disrupts hepatic triglyceride stores and transcriptional networks associated with growth and Notch signaling in juvenile rainbow trout. <b>2016</b> , 180, 103-114	20
1397	Distribution of the obligate endosymbiont <i>Blochmannia floridanus</i> and expression analysis of putative immune genes in ovaries of the carpenter ant <i>Camponotus floridanus</i> . <b>2016</b> , 45, 475-487	14
1396	Validation of a novel real-time PCR assay for detection of HLA-B*15:02 allele for prevention of carbamazepine - Induced Stevens-Johnson syndrome/Toxic Epidermal Necrolysis in individuals of Asian ancestry. <b>2016</b> , 77, 1140-1146	7
1395	Genetic alterations of differentiated thyroid carcinoma in iodine-rich and iodine-deficient countries. <b>2016</b> , 5, 1883-9	30
1394	Complete genome sequencing and analysis of <i>Capsicum annum</i> varieties. <b>2016</b> , 36, 1	6
1393	Identification and functional characterization of a pyrokinin neuropeptide receptor in the Lyme disease vector, <i>Ixodes scapularis</i> . <b>2016</b> , 86, 42-54	14
1392	Characterization and transcriptional profiles of <i>Engraulis encrasicolus</i> ' GnRH forms. <b>2016</b> , 152, 727-739	5
1391	Sex Identification and Efficient Microsatellite Genotyping Using Fecal DNA in Proboscis Monkeys ( <i>Nasalis larvatus</i> ). <b>2016</b> , 41, 141-148	4

1390	Characterization of new transposable element sub-families from white clover ( <i>Trifolium repens</i> ) using PCR amplification. <b>2016</b> , 144, 577-589	1
1389	Genetic and functional analyses do not explain the association of high PRC1 expression with poor survival of breast carcinoma patients. <b>2016</b> , 83, 857-864	12
1388	Ferric hydroxamate uptake system contributes to <i>Edwardsiella ictaluri</i> virulence. <b>2016</b> , 100, 195-200	7
1387	CAZyme content of <i>Pochonia chlamydosporia</i> reflects that chitin and chitosan modification are involved in nematode parasitism. <b>2016</b> , 18, 4200-4215	26
1386	Clinical and genetic aspects of KBG syndrome. <b>2016</b> , 170, 2835-2846	46
1385	Cadm3 (Necl-1) interferes with the activation of the PI3 kinase/Akt signaling cascade and inhibits Schwann cell myelination in vitro. <b>2016</b> , 64, 2247-2262	11
1384	Mitochondrial and nuclear DNA analyses of <i>Saccostrea</i> oysters in Japan highlight the confused taxonomy of the genus. <b>2016</b> , 82, 492-506	12
1383	The Molecular Registry of Pituitary Adenomas (REMAH): A bet by Spanish Endocrinology for the future of individualized medicine and translational research. <b>2016</b> , 63, 274-284	7
1382	Estimation of novel colony establishment and persistence of the ectomycorrhizal basidiomycete <i>Tricholoma matsutake</i> in a <i>Pinus densiflora</i> forest. <b>2016</b> , 24, 35-43	7
1381	Phylogeographic analyses of bacterial endosymbionts in fig homotomids (Hemiptera: Psylloidea) reveal codiversification of both primary and secondary endosymbionts. <b>2016</b> , 92,	11
1380	Riboflavin and ultraviolet illumination affects selected platelet mRNA transcript amounts differently. <b>2016</b> , 56, 2286-95	5
1379	Microarrays/DNA Chips for the Detection of Waterborne Pathogens. <b>2016</b> , 1452, 143-53	3
1378	Microsatellite discovery in an insular amphibian ( <i>Grandisonia alternans</i> ) with comments on cross-species utility and the accuracy of locus identification from unassembled Illumina data. <b>2016</b> , 8, 541-551	3
1377	DNA Repair Profiling Reveals Nonrandom Outcomes at Cas9-Mediated Breaks. <b>2016</b> , 63, 633-646	265
1376	Characterization and expression analysis of a peptidoglycan recognition protein gene, SmPGRP2 in mucosal tissues of turbot ( <i>Scophthalmus maximus</i> L.) following bacterial challenge. <b>2016</b> , 56, 367-373	29
1375	Domestication history and geographical adaptation inferred from a SNP map of African rice. <b>2016</b> , 48, 1083-8	120
1374	Interactions between mitochondrial and nuclear DNA in mammalian cells are non-random. <b>2016</b> , 30, 187-96	13
1373	Molecular genetics of Leber congenital amaurosis in Chinese: New data from 66 probands and mutation overview of 159 probands. <b>2016</b> , 149, 93-99	25

1372	Partial redundancy and functional specialization of E-class SEPALLATA genes in an early-diverging eudicot. <b>2016</b> , 419, 143-155	16
1371	RT-qPCR for the diagnosis of dermatophilosis in horses. <b>2016</b> , 27, 431-e112	5
1370	Silencing gut genes associated with the peritrophic matrix of <i>Reticulitermes flavipes</i> (Blattodea: Rhinotermitidae) increases susceptibility to termiticides. <b>2016</b> , 25, 734-744	11
1369	Jun-Mediated Changes in Cell Adhesion Contribute to Mouse Embryonic Stem Cell Exit from Ground State Pluripotency. <b>2016</b> , 34, 1213-24	10
1368	Rapid Molecular Profiling of Myeloproliferative Neoplasms Using Targeted Exon Resequencing of 86 Genes Involved in JAK-STAT Signaling and Epigenetic Regulation. <b>2016</b> , 18, 707-718	12
1367	Detection of hemoplasma infection of goats by use of a quantitative polymerase chain reaction assay and risk factor analysis for infection. <b>2016</b> , 77, 882-9	5
1366	Isolation and characterisation of a <i>Sphingomonas</i> strain able to degrade the fungicide ortho-phenylphenol. <b>2016</b> , 72, 113-24	22
1365	Cry1Ab-expressing rice did not influence expression of fecundity-related genes in the wolf spider <i>Pardosa pseudoannulata</i> . <b>2016</b> , 592, 1-7	7
1364	Measuring the immune system of the three-spined stickleback - investigating natural variation by quantifying immune expression in the laboratory and the wild. <b>2016</b> , 16, 701-13	23
1363	Phosphorylation-dependent and Phosphorylation-independent Regulation of <i>Helicobacter pylori</i> Acid Acclimation by the ArsRS Two-component System. <b>2016</b> , 21, 69-81	16
1362	Quantitative trait locus mapping and functional genomics of an organophosphate resistance trait in the western corn rootworm, <i>Diabrotica virgifera virgifera</i> . <b>2016</b> , 25, 1-15	5
1361	Biophysical and Population Genetic Models Predict the Presence of "Phantom" Stepping Stones Connecting Mid-Atlantic Ridge Vent Ecosystems. <b>2016</b> , 26, 2257-67	38
1360	Peroxisome proliferator-activated receptor gamma (PPAR $\gamma$ ) in brown trout: Interference of estrogenic and androgenic inputs in primary hepatocytes. <b>2016</b> , 46, 328-336	7
1359	Dissecting maize diversity in lowland South America: genetic structure and geographic distribution models. <b>2016</b> , 16, 186	6
1358	Highly efficient gene tagging in the bryophyte <i>Physcomitrella patens</i> using the tobacco ( <i>Nicotiana tabacum</i> ) Tnt1 retrotransposon. <b>2016</b> , 212, 759-769	9
1357	An innovative strategy for the molecular diagnosis of Usher syndrome identifies causal biallelic mutations in 93% of European patients. <b>2016</b> , 24, 1730-1738	56
1356	Indel Group in Genomes (IGG) Molecular Genetic Markers. <b>2016</b> , 172, 38-61	2
1355	Efficacy of <i>Bdellovibrio bacteriovorus</i> 109J for the treatment of dairy calves with experimentally induced infectious bovine keratoconjunctivitis. <b>2016</b> , 77, 1017-28	12

1354	Development of Nine Microsatellite Markers for <i>Paramesotriton hongkongensis</i> (Hong Kong Newt) Through Shotgun Sequencing and Cross-species Amplification in Other Asian Salamandrids. <b>2016</b> , 35, 122-127	
1353	Silencing of the potato StNAC103 gene enhances the accumulation of suberin polyester and associated wax in tuber skin. <b>2016</b> , 67, 5415-5427	36
1352	Molecular Mechanisms Contributing to the Growth and Physiology of an Extremophile Cultured with Dielectric Heating. <b>2016</b> , 82, 6233-6246	1
1351	Rapid transcriptional acclimation following transgenerational exposure of oysters to ocean acidification. <b>2016</b> , 25, 4836-49	39
1350	Is hepatic oxidative stress a main driver of dietary selenium toxicity in white sturgeon ( <i>Acipenser transmontanus</i> )?. <b>2016</b> , 133, 334-40	16
1349	A generic, cost-effective, and scalable cell lineage analysis platform. <b>2016</b> , 26, 1588-1599	26
1348	Cloning and expression analysis of chalcone synthase gene from <i>Coleus forskohlii</i> . <b>2016</b> , 95, 647-57	34
1347	A Galaxy-based bioinformatics pipeline for optimised, streamlined microsatellite development from Illumina next-generation sequencing data. <b>2016</b> , 8, 481-486	18
1346	The Role of Methylation-Specific PCR and Associated Techniques in Clinical Diagnostics. <b>2016</b> , 155-173	1
1345	MiR-31 and miR-128 regulates poliovirus receptor-related 4 mediated measles virus infectivity in tumors. <b>2016</b> , 10, 1387-1403	16
1344	Random Mating Between Two Widely Divergent Mitochondrial Lineages of <i>Cryptolestes ferrugineus</i> (Coleoptera: Laemophloeidae): A Test of Species Limits in a Phosphine-Resistant Stored Product Pest. <b>2016</b> , 109, 2221-8	17
1343	The making of a pest: Insights from the evolution of chemosensory receptor families in a pestiferous and invasive fly, <i>Drosophila suzukii</i> . <b>2016</b> , 17, 648	28
1342	Mating-Type Gene Structure and Spatial Distribution of <i>Didymella tanacetii</i> in Pyrethrum Fields. <b>2016</b> , 106, 1521-1529	6
1341	Genotyping-by-Sequencing to Predict Resistance to Lima Bean Downy Mildew in a Diversity Panel. <b>2016</b> , 106, 1152-1158	3
1340	Reciprocal genomic evolution in the ant-fungus agricultural symbiosis. <b>2016</b> , 7, 12233	74
1339	CircRNA-protein complexes: IMP3 protein component defines subfamily of circRNPs. <b>2016</b> , 6, 31313	96
1338	Diagnosis of a mild peroxisomal phenotype with next-generation sequencing. <b>2016</b> , 9, 75-78	22
1337	Identification of reference genes for quantitative expression analysis using large-scale RNA-seq data of <i>Arabidopsis thaliana</i> and model crop plants. <b>2016</b> , 91, 111-125	14

1336	Relative frequency of 4 major strain types of <i>Mycobacterium avium</i> ssp. <i>paratuberculosis</i> in Canadian dairy herds using a novel single nucleotide polymorphism-based polymerase chain reaction. <b>2016</b> , 99, 8297-8303	4
1335	A proteomic analysis of salt stress response in seedlings of two African rice cultivars. <b>2016</b> , 1864, 1570-8	17
1334	Novel identification of biofluids using a multiplex methylation sensitive restriction enzyme-PCR system. <b>2016</b> , 25, 157-165	15
1333	Genetically distinct populations of a diatom co-exist during the North Atlantic spring bloom. <b>2016</b> , 61, 2165-2179	17
1332	Use of bioinformatic tools in primer validation. <b>2016</b> , 18, 855-6	1
1331	Mapping <i>SLCO1B1</i> Genetic Variation for Global Precision Medicine in Understudied Regions in Africa: A Focus on Zulu and Cape Admixed Populations. <b>2016</b> , 20, 546-54	4
1330	Genetic Factors of the Disease Course After Sepsis: Rare Deleterious Variants Are Predictive. <b>2016</b> , 12, 227-238	22
1329	L1-associated genomic regions are deleted in somatic cells of the healthy human brain. <b>2016</b> , 19, 1583-1591	114
1328	Identification of the sex-determining region in flathead grey mullet ( <i>Mugil cephalus</i> ). <b>2016</b> , 47, 698-707	7
1327	Full-length nucleotide sequence of ERMAP alleles encoding Scianna (SC) antigens. <b>2016</b> , 56, 3047-3054	9
1326	Differential Expression of <i>CYC2</i> Genes and the Elaboration of Floral Morphologies in <i>Hiptage</i> , an Old World Genus of Malpighiaceae. <b>2016</b> , 177, 551-558	16
1325	Genotype and Phenotype Characteristics in 22 Patients with Vitamin D-Dependent Rickets Type I. <b>2016</b> , 85, 309-17	14
1324	Preferential Protection of Genetic Fidelity within Open Chromatin by the Mismatch Repair Machinery. <b>2016</b> , 291, 17692-705	17
1323	Bruceantin inhibits multiple myeloma cancer stem cell proliferation. <b>2016</b> , 17, 966-75	20
1322	Microsatellite primers for a species of South African everlasting daisy ( <i>Helichrysum odoratissimum</i> ; Gnaphalieae, Asteraceae). <b>2016</b> , 4, 1500138	
1321	Genomic survey sequencing for development and validation of single-locus SSR markers in peanut ( <i>Arachis hypogaea</i> L.). <b>2016</b> , 17, 420	25
1320	High-throughput sequencing and graph-based cluster analysis facilitate microsatellite development from a highly complex genome. <b>2016</b> , 6, 5718-27	4
1319	A genetic variant in <i>NRP1</i> is associated with worse response to ranibizumab treatment in neovascular age-related macular degeneration. <b>2016</b> , 26, 20-7	9

1318	Analysis of transposable elements and organellar DNA in male and female genomes of a species with a huge Y chromosome reveals distinct Y centromeres. <b>2016</b> , 88, 387-396	32
1317	Use of RNA-seq to identify cardiac genes and gene pathways differentially expressed between dogs with and without dilated cardiomyopathy. <b>2016</b> , 77, 693-9	3
1316	Sharing the Roles: An Assessment of Japanese Medaka Estrogen Receptors in Vitellogenin Induction. <b>2016</b> , 50, 8886-95	9
1315	A new genomic library of melon introgression lines in a cantaloupe genetic background for dissecting desirable agronomical traits. <b>2016</b> , 16, 154	33
1314	Assay for transposase-accessible chromatin and circularized chromosome conformation capture, two methods to explore the regulatory landscapes of genes in zebrafish. <b>2016</b> , 135, 413-30	17
1313	Profiling of adhesive-related genes in the freshwater cnidarian <i>Hydra magnipapillata</i> by transcriptomics and proteomics. <b>2016</b> , 32, 1115-1129	32
1312	Association of FGD1 polymorphisms with early-onset breast cancer. <b>2016</b> , 12, 2071-2077	3
1311	The DNA methyltransferase DNMT3C protects male germ cells from transposon activity. <b>2016</b> , 354, 909-912	192
1310	Polymorphic microsatellite markers in (Poaceae) and cross-amplification in the Eurasian complex of the genus. <b>2016</b> , 4, 1600070	1
1309	Insights into the venom composition and evolution of an endoparasitoid wasp by combining proteomic and transcriptomic analyses. <b>2016</b> , 6, 19604	34
1308	Defined three-dimensional culture conditions mediate efficient induction of definitive endoderm lineage from human umbilical cord Wharton's jelly mesenchymal stem cells. <b>2016</b> , 7, 165	17
1307	PrimerMapper: high throughput primer design and graphical assembly for PCR and SNP detection. <b>2016</b> , 6, 20631	7
1306	Parasitological correlates of <i>Plasmodium ovale curtisi</i> and <i>Plasmodium ovale wallikeri</i> infection. <b>2016</b> , 15, 550	9
1305	High hydrostatic pressure adaptive strategies in an obligate piezophile <i>Pyrococcus yayanosii</i> . <b>2016</b> , 6, 27289	39
1304	Full genome analysis of Australian infectious bronchitis viruses suggests frequent recombination events between vaccine strains and multiple phylogenetically distant avian coronaviruses of unknown origin. <b>2016</b> , 197, 27-38	23
1303	High gene flow in the American badger overrides habitat preferences and limits broadscale genetic structure. <b>2016</b> , 25, 6055-6076	17
1302	The next generation of target capture technologies - large DNA fragment enrichment and sequencing determines regional genomic variation of high complexity. <b>2016</b> , 17, 486	48
1301	Overexpression of KLHL23 protein from read-through transcription of in gastric cancer increases cell proliferation. <b>2016</b> , 6, 1155-1164	8

1300	Diversity of antibiotic-resistance genes in Canadian isolates of <i>Aeromonas salmonicida</i> subsp. <i>salmonicida</i> : dominance of pSN254b and discovery of pAsa8. <b>2016</b> , 6, 35617	38
1299	STENOFOLIA gene and regulation of somatic embryogenesis in <i>Medicago truncatula</i> . <b>2016</b> , 63, 811-821	4
1298	Molecular and immunological characterization of cathepsin L-like cysteine protease of <i>Paragonimus pseudoheterotremus</i> . <b>2016</b> , 115, 4457-4470	11
1297	Contrasting patterns of genetic diversity and spatial structure in an invasive symbiont-host association. <b>2016</b> , 18, 3175-3191	5
1296	Dietary fat and gut microbiota interactions determine diet-induced obesity in mice. <b>2016</b> , 5, 1162-1174	108
1295	RNA-sequencing Reveals Global Transcriptomic Changes in <i>Nicotiana tabacum</i> Responding to Topping and Treatment of Axillary-shoot Control Chemicals. <b>2015</b> , 5, 18148	20
1294	Genome-wide identification of multifunctional laccase gene family in cotton ( <i>Gossypium</i> spp.); expression and biochemical analysis during fiber development. <b>2016</b> , 6, 34309	26
1293	A new primer set for DNA metabarcoding of soil Metazoa. <b>2016</b> , 77, 53-59	11
1292	Untangling the brain's neuroinflammatory and neurodegenerative transcriptional responses. <b>2016</b> , 7, 11295	204
1291	Mitochondrial coding genome analysis of tropical root-knot nematodes ( <i>Meloidogyne</i> ) supports haplotype based diagnostics and reveals evidence of recent reticulate evolution. <b>2016</b> , 6, 22591	71
1290	Isolation and characterization of microsatellite markers in the complex ( <i>Polypodiaceae</i> ). <b>2016</b> , 4, 1600069	0
1289	Molecular diversity of bacterial endosymbionts associated with dagger nematodes of the genus <i>Xiphinema</i> (Nematoda: Longidoridae) reveals a high degree of phylogenetic congruence with their host. <b>2016</b> , 25, 6225-6247	18
1288	Identification of ITPA on chromosome 20 as a susceptibility gene for young-onset tuberculosis. <b>2016</b> , 3, 15067	8
1287	Identification of two novel powdery mildew resistance loci, Ren6 and Ren7, from the wild Chinese grape species <i>Vitis piasezkii</i> . <b>2016</b> , 16, 170	53
1286	Novel insights into iron regulation and requirement in marine medaka <i>Oryzias melastigma</i> . <b>2016</b> , 6, 26615	5
1285	Sex Change in Clownfish: Molecular Insights from Transcriptome Analysis. <b>2016</b> , 6, 35461	42
1284	Examination of the molecular control of ruminal epithelial function in response to dietary restriction and subsequent compensatory growth in cattle. <b>2016</b> , 7, 53	8
1283	Association of variations in HLA class II and other loci with susceptibility to EGFR-mutated lung adenocarcinoma. <b>2016</b> , 7, 12451	35

1282	Identification and molecular mapping of Flowering Date1 (FD1), a major photoperiod insensitivity gene in the adzuki bean ( <i>Vigna angularis</i> ). <b>2016</b> , 135, 714-720	4
1281	Sexually dimorphic gene expressions in eels: useful markers for early sex assessment in a conservation context. <b>2016</b> , 6, 34041	18
1280	Differential phenotypic and genetic expression of defence compounds in a plant-herbivore interaction along elevation. <b>2016</b> , 3, 160226	7
1279	Expression of segment polarity genes in brachiopods supports a non-segmental ancestral role of engrailed for bilaterians. <b>2016</b> , 6, 32387	21
1278	Transcriptomic resources and marker validation for diploid and polyploid ( <i>Plantaginaceae</i> ) from New Zealand and Europe. <b>2016</b> , 4, 1600091	1
1277	LTR-mediated retroposition as a mechanism of RNA-based duplication in metazoans. <b>2016</b> , 26, 1663-1675	27
1276	RCD1 homologues and their constituent WWE domain in plants: analysis of conservation through phylogeny methods. <b>2016</b> , 71, 642-650	1
1275	Microsatellite primers for two threatened orchids in Florida: <i>Encyclia tampensis</i> and <i>Cyrtopodium punctatum</i> ( <i>Orchidaceae</i> ). <b>2016</b> , 4, 1500095	
1274	Prediction and Validation of Gene Regulatory Elements Activated During Retinoic Acid Induced Embryonic Stem Cell Differentiation. <b>2016</b> ,	2
1273	Microinjection for Transgenesis and Genome Editing in Threespine Sticklebacks. <b>2016</b> ,	12
1272	Development and characterization of 14 microsatellite markers for <i>Indigofera pseudotinctoria</i> ( <i>Fabaceae</i> ). <b>2016</b> , 4, 1500110	1
1271	Intestinal Na <sup>+</sup> , K <sup>+</sup> , 2Cl <sup>-</sup> cotransporter 2 plays a crucial role in hyperosmotic transitions of a euryhaline teleost. <b>2016</b> , 4, e13028	18
1270	Primers to amplify SNP markers in <i>Epichloa tanadensis</i> ( <i>Clavicipitaceae</i> ). <b>2016</b> , 4, 1500078	1
1269	Candidate Gene Sequence Analyses toward Identifying -Type Resistance to. <b>2016</b> , 9, plantgenome2015.09.0088_5	
1268	Combining independent de novo assemblies optimizes the coding transcriptome for nonconventional model eukaryotic organisms. <b>2016</b> , 17, 525	34
1267	Fine mapping of a QTL on bovine chromosome 6 using imputed full sequence data suggests a key role for the group-specific component (GC) gene in clinical mastitis and milk production. <b>2016</b> , 48, 79	22
1266	Pathogenic potential and growth kinetics of Muko virus in mice and human-derived cells. <b>2016</b> , 44, 31	1
1265	Defining Substrate Specificities for Lipase and Phospholipase Candidates. <b>2016</b> ,	3



1264	Genome Editing in <i>Astyanax mexicanus</i> Using Transcription Activator-like Effector Nucleases (TALENs). <b>2016</b> ,	7
1263	Retinoic acid catabolizing enzyme CYP26C1 is a genetic modifier in SHOX deficiency. <b>2016</b> , 8, 1455-1469	16
1262	Environmental DNA as a monitoring tool for the endangered freshwater pearl mussel ( <i>Margaritifera margaritifera</i> L.): a substitute for classical monitoring approaches?. <b>2016</b> , 26, 1120-1129	47
1261	Divergence and isolation of cryptic sympatric taxa within the annual legume <i>Amphicarpaea bracteata</i> . <b>2016</b> , 6, 3367-79	5
1260	MALDI-TOF MS portrait of emetic and non-emetic <i>Bacillus cereus</i> group members. <b>2016</b> , 37, 2235-47	12
1259	RNA viruses as major contributors to Antarctic viroplankton. <b>2016</b> , 18, 3714-3727	48
1258	Controlling and Defence-related Mechanisms of <i>Bacillus</i> Strains Against Bacterial Leaf Blight of Rice. <b>2016</b> , 164, 534-546	21
1257	Geographic variation in hybridization and ecological differentiation between three syntopic, morphologically similar species of montane lizards. <b>2016</b> , 25, 2887-903	5
1256	Identification and molecular characterization of the nicotianamine synthase gene family in bread wheat. <b>2016</b> , 14, 2228-2239	37
1255	The Development and Use of Internal Amplification Controls (IACs) with DNA Profiling Kits for Forensic DNA Analysis. <b>2016</b> , 1420, 109-24	
1254	Overexpression of the 14-3-3 $\gamma$ protein in embryonic mice results in neuronal migration delay in the developing cerebral cortex. <b>2016</b> , 628, 40-6	8
1253	Inhibition of the translocation and extracellular release of high-mobility group box 1 alleviates liver damage in fibrotic mice in response to D-galactosamine/lipopolysaccharide challenge. <b>2016</b> , 13, 3835-41	11
1252	Expression of defence-related genes in sunflower infected with broomrape. <b>2016</b> , 30, 685-691	10
1251	Saponin determination, expression analysis and functional characterization of saponin biosynthetic genes in <i>Chenopodium quinoa</i> leaves. <b>2016</b> , 250, 188-197	55
1250	Esophageal Squamous Cell Carcinoma Cells Modulate Chemokine Expression and Hyaluronan Synthesis in Fibroblasts. <b>2016</b> , 291, 4091-106	8
1249	Genome-wide binding analysis of the transcriptional regulator TrmBL1 in <i>Pyrococcus furiosus</i> . <b>2016</b> , 17, 40	20
1248	Duplex PCR assay and in situ hybridization for detection of <i>Francisella</i> spp. and <i>Francisella noatunensis</i> subsp. <i>orientalis</i> in red tilapia. <b>2016</b> , 120, 39-47	13
1247	The differential expression of soybean [ <i>Glycine max</i> (L.) Merrill] WRKY genes in response to water deficit. <b>2016</b> , 107, 288-300	8

1246	Epistatic Interaction of the Melanocortin 1 Receptor and Agouti Signaling Protein Genes Modulates Wool Color in the Brazilian Creole Sheep. <b>2016</b> , 107, 544-52	6
1245	Copy number variation analysis detects novel candidate genes involved in follicular growth and oocyte maturation in a cohort of premature ovarian failure cases. <b>2016</b> , 31, 1913-25	32
1244	Virulence genes of <i>Rickettsia rickettsii</i> are differentially modulated by either temperature upshift or blood-feeding in tick midgut and salivary glands. <b>2016</b> , 9, 331	16
1243	Differentially expressed transcripts in stomach of <i>Penaeus monodon</i> in response to AHPND infection. <b>2016</b> , 65, 53-63	38
1242	Splicing mutation in Sbf1 causes nonsyndromic male infertility in the rat. <b>2016</b> , 152, 215-23	5
1241	A new resource for the development of SSR markers: Millions of loci from a thousand plant transcriptomes. <b>2016</b> , 4, 1600024	23
1240	Changes in Gene Expression and Estrogen Receptor Cistrome in Mouse Liver Upon Acute E2 Treatment. <b>2016</b> , 30, 709-32	19
1239	A short phylogenetically informative cpDNA fragment for the identification of <i>Pinus</i> species. <b>2016</b> , 66, 166-172	2
1238	Strong association between glucocerebrosidase mutations and Parkinson's disease in Sweden. <b>2016</b> , 45, 212.e5-212.e11	31
1237	Resistance to glufosinate is proportional to phosphinothricin acetyltransferase expression and activity in LibertyLink(®) and WideStrike(®) cotton. <b>2016</b> , 243, 925-33	22
1236	Identifying FATB1a deletion that causes reduced palmitic acid content in soybean N87-2122-4 to develop a functional marker for marker-assisted selection. <b>2016</b> , 36, 1	9
1235	Effects of nutritional manipulation on body composition in the developing marsupial, <i>Macropus eugenii</i> . <b>2016</b> , 428, 148-60	5
1234	Extracellular CADM1 interactions influence insulin secretion by rat and human islet β-cells and promote clustering of syntaxin-1. <b>2016</b> , 310, E874-85	14
1233	Internal transcribed spacer guided multiplex PCR for species identification of <i>Convolvulus prostratus</i> and <i>Evolvulus alsinoides</i> . <b>2016</b> , 6, 253-8	7
1232	Anonymous nuclear markers data supporting species tree phylogeny and divergence time estimates in a cactus species complex in South America. <b>2016</b> , 6, 456-60	3
1231	Dataset for a case report of a homozygous PEX16 F332del mutation. <b>2016</b> , 6, 722-7	1
1230	Food safety: Structure and expression of the asparagine synthetase gene family of wheat. <b>2016</b> , 68, 122-131	37
1229	The opsin repertoire of the Antarctic krill <i>Euphausia superba</i> . <b>2016</b> , 29, 61-68	17

1228	Sub-inhibitory tigecycline concentrations induce extracellular matrix binding protein Embp dependent <i>Staphylococcus epidermidis</i> biofilm formation and immune evasion. <b>2016</b> , 306, 471-8	17
1227	Multiple-locus variable-number tandem repeat analysis for strain discrimination of non-O157 Shiga toxin-producing <i>Escherichia coli</i> . <b>2016</b> , 125, 70-80	11
1226	Molecular diagnosis of 65 families with mucopolysaccharidosis type II (Hunter syndrome) characterized by 16 novel mutations in the IDS gene: Genetic, pathological, and structural studies on iduronate-2-sulfatase. <b>2016</b> , 118, 190-197	37
1225	Genomic sequencing of a dyslexia susceptibility haplotype encompassing ROBO1. <b>2016</b> , 8, 4	5
1224	Molecular evolution of candidate male reproductive genes in the brown algal model <i>Ectocarpus</i> . <b>2016</b> , 16, 5	9
1223	Exome sequencing in one family with gastric- and rectal cancer. <b>2016</b> , 17, 41	26
1222	A frameshift mutation in ARMC3 is associated with a tail stump sperm defect in Swedish Red ( <i>Bos taurus</i> ) cattle. <b>2016</b> , 17, 49	22
1221	Genome sequencing and secondary metabolism of the postharvest pathogen <i>Penicillium griseofulvum</i> . <b>2016</b> , 17, 19	54
1220	Screening of whole genome sequences identified high-impact variants for stallion fertility. <b>2016</b> , 17, 288	15
1219	Variants in CXCR4 associate with juvenile idiopathic arthritis susceptibility. <b>2016</b> , 17, 24	15
1218	Feline panleukopenia virus in cerebral neurons of young and adult cats. <b>2016</b> , 12, 28	25
1217	MSRE-HTPrimer: a high-throughput and genome-wide primer design pipeline optimized for epigenetic research. <b>2016</b> , 8, 26	4
1216	Live and inactivated <i>Salmonella enterica</i> serovar Typhimurium stimulate similar but distinct transcriptome profiles in bovine macrophages and dendritic cells. <b>2016</b> , 47, 46	6
1215	Active coping of prenatally stressed rats in the forced swimming test: involvement of the Nurr1 gene. <b>2016</b> , 19, 506-15	6
1214	Transcriptional control of transglutaminase 2 expression in mouse apoptotic thymocytes. <b>2016</b> , 1859, 964-74	10
1213	MRPrimerW: a tool for rapid design of valid high-quality primers for multiple target qPCR experiments. <i>Nucleic Acids Research</i> , <b>2016</b> , 44, W259-66	20.1 12
1212	CHOPCHOP v2: a web tool for the next generation of CRISPR genome engineering. <i>Nucleic Acids Research</i> , <b>2016</b> , 44, W272-6	20.1 527
1211	Comparative leaf proteomics of drought-tolerant and -susceptible peanut in response to water stress. <b>2016</b> , 143, 209-226	37

1210	Identification of an attenuated barley stripe mosaic virus for the virus-induced gene silencing of pathogenesis-related wheat genes. <b>2016</b> , 12, 12	6
1209	Deep-sequencing transcriptome analysis of field-grown <i>Medicago sativa</i> L. crown buds acclimated to freezing stress. <b>2016</b> , 16, 495-511	22
1208	Seed size and chloroplast DNA of modern and ancient seeds explain the establishment of Japanese cultivated melon ( <i>Cucumis melo</i> L.) by introduction and selection. <b>2016</b> , 63, 1237-1254	7
1207	Development of genic SSR markers from an assembled <i>Saccharina japonica</i> genome. <b>2016</b> , 28, 2479-2484	4
1206	Molecular markers define progressing stages of phosphorus limitation in the nitrogen-fixing cyanobacterium, <i>Crocospaera</i> . <b>2016</b> , 52, 274-82	9
1205	The chloroplast genome of <i>Phacus orbicularis</i> (Euglenophyceae): an initial datum point for the phacaceae. <b>2016</b> , 52, 404-11	11
1204	Evaluation and validation of reference genes for qPCR analysis to study climate change-induced stresses in <i>Sinularia</i> cf. <i>cruciata</i> (Octocorallia: Alcyonidae). <b>2016</b> , 483, 42-52	1
1203	Cyclooxygenase-2 deficiency impairs muscle-derived stem cell-mediated bone regeneration via cellular autonomous and non-autonomous mechanisms. <b>2016</b> , 25, 3216-3231	20
1202	Confirmation of PDZD7 as a Nonsyndromic Hearing Loss Gene. <b>2016</b> , 37, e238-46	21
1201	Development and characterization of polymorphic microsatellite markers for <i>Neolitsea sericea</i> using Illumina paired-end draft sequencing data. <b>2016</b> , 31, 163-166	3
1200	The complete mitochondrial genome of the <i>Elaphe perlacea</i> (Squamata: Colubridae). <b>2016</b> , 27, 12-3	3
1199	Effects of dietary purified rapeseed protein concentrate on hepatic gene expression in juvenile turbot ( <i>Psetta maxima</i> ). <b>2016</b> , 22, 170-180	18
1198	Localization and regulation of PML bodies in the adult mouse brain. <b>2016</b> , 221, 2511-25	10
1197	Highly multiplexed simultaneous detection of RNAs and proteins in single cells. <b>2016</b> , 13, 269-75	218
1196	Iron Acquisition in <i>Mycobacterium avium</i> subsp. <i>paratuberculosis</i> . <b>2015</b> , 198, 857-66	15
1195	Orphan Crops Browser: a bridge between model and orphan crops. <b>2016</b> , 36, 9	16
1194	Development and use of microsatellite markers to study diversity, reproduction and population genetic structure of the cereal pathogen <i>Ramularia collo-cygni</i> . <b>2016</b> , 87, 64-71	16
1193	A Gene Encoding a DUF247 Domain Protein Cosegregates with the S Self-Incompatibility Locus in Perennial Ryegrass. <b>2016</b> , 33, 870-84	50

1192	Native characterization of nucleic acid motif thermodynamics via non-covalent catalysis. <b>2016</b> , 7, 10319	18
1191	In vitro and ex vivo infection models help assess the molecular aspects of the interaction of <i>Trichophyton rubrum</i> with the host milieu. <b>2016</b> , 54, 420-7	31
1190	PSMA-specific theranostic nanoplex for combination of TRAIL gene and 5-FC prodrug therapy of prostate cancer. <b>2016</b> , 80, 57-67	31
1189	Characterization of glutamate decarboxylase from <i>Synechocystis</i> sp. PCC6803 and its role in nitrogen metabolism. <b>2016</b> , 99, 59-65	6
1188	Normal Molecular Specification and Neurodegenerative Disease-Like Death of Spinal Neurons Lacking the SNARE-Associated Synaptic Protein Munc18-1. <b>2016</b> , 36, 561-76	14
1187	Unrelated secondary reproductives in the neotropical termite <i>Silvestritermes euamignathus</i> (Isoptera: Termitidae). <b>2016</b> , 103, 9	7
1186	Nanopore sequencing detects structural variants in cancer. <b>2016</b> , 17, 246-53	94
1185	Development and evaluation of double locus sequence typing for molecular epidemiological investigations of <i>Clostridium difficile</i> . <b>2016</b> , 35, 175-81	4
1184	Simple sequence repeat markers that identify species and strains. <b>2016</b> , 3, 1	22
1183	New sequence variants detected at DXS10148, DXS10074 and DXS10134 loci. <b>2016</b> , 20, 112-116	10
1182	Development of a multiplex Q-PCR to detect <i>Trichoderma harzianum</i> Rifai strain T22 in plant roots. <b>2016</b> , 121, 44-9	3
1181	Identification of haplotypes at the Rsv4 genomic region in soybean associated with durable resistance to soybean mosaic virus. <b>2016</b> , 129, 453-68	28
1180	CirInteractome: A web tool for exploring circular RNAs and their interacting proteins and microRNAs. <b>2016</b> , 13, 34-42	604
1179	Development and Validation of a PCR Assay To Detect the Prairie Epidemic Strain of <i>Pseudomonas aeruginosa</i> from Patients with Cystic Fibrosis. <b>2016</b> , 54, 489-91	8
1178	Clinical, biochemical and mutation profile in Indian patients with Sandhoff disease. <b>2016</b> , 61, 163-6	5
1177	Transcriptional networks associated with 5-alpha-dihydrotestosterone in the fathead minnow ( <i>Pimephales promelas</i> ) ovary. <b>2016</b> , 225, 23-32	9
1176	Inactivation of <i>Lactobacillus rhamnosus</i> GG by fixation modifies its probiotic properties. <b>2016</b> , 62, 72-82	4
1175	Liver ergothioneine accumulation in a guinea pig model of non-alcoholic fatty liver disease. A possible mechanism of defence?. <b>2016</b> , 50, 14-25	29

1174	Identifying Potential Mechanisms Enabling Acidophily in the Ammonia-Oxidizing Archaeon "Candidatus Nitrosotalea devanaterre". <b>2016</b> , 82, 2608-2619	78
1173	Multiplex real-time PCR for identification of canine parvovirus antigenic types. <b>2016</b> , 233, 1-5	12
1172	An integrated in silico approach for functional and structural impact of non-synonymous SNPs in the MYH1 gene in Jeju Native Pigs. <b>2016</b> , 17, 35	12
1171	Depletion of Abundant Sequences by Hybridization (DASH): using Cas9 to remove unwanted high-abundance species in sequencing libraries and molecular counting applications. <b>2016</b> , 17, 41	158
1170	Associations of CYP1A2 Polymorphisms with the Risk Haplotypes in Lung Cancer in the Slovak Population. <b>2016</b> , 911, 23-32	2
1169	Morphological and molecular genetics of ancient remains and modern rice ( <i>Oryza sativa</i> ) confirm diversity in ancient Japan. <b>2016</b> , 63, 447-464	2
1168	FaRXF1: a locus conferring resistance to angular leaf spot caused by <i>Xanthomonas fragariae</i> in octoploid strawberry. <b>2016</b> , 129, 1191-201	39
1167	Phylogenetic relationships of New Zealand Lycopodiaceae. <b>2016</b> , 302, 661-667	5
1166	The dipeptidyl peptidase inhibitor linagliptin and the angiotensin II receptor blocker telmisartan show renal benefit by different pathways in rats with 5/6 nephrectomy. <b>2016</b> , 89, 1049-1061	58
1165	Variation in the whole mitogenome of reef-building <i>Porites</i> corals. <b>2016</b> , 8, 123-127	1
1164	Wine pomace seasoning attenuates hyperglycaemia-induced endothelial dysfunction and oxidative damage in endothelial cells. <b>2016</b> , 22, 431-445	15
1163	A POT1 mutation implicates defective telomere end fill-in and telomere truncations in Coats plus. <b>2016</b> , 30, 812-26	50
1162	Efficient identification of CRISPR/Cas9-induced insertions/deletions by direct germline screening in zebrafish. <b>2016</b> , 17, 259	16
1161	The Capacity to Act in Trans Varies Among <i>Drosophila</i> Enhancers. <b>2016</b> , 203, 203-18	14
1160	The Plastomes of Two Species in the Endoparasite Genus <i>Pilostyles</i> (Apodanthaceae) Each Retain Just Five or Six Possibly Functional Genes. <b>2015</b> , 8, 189-201	78
1159	Dietary vitamin A supplementation ameliorates the effects of poly-aromatic hydrocarbons in Atlantic salmon ( <i>Salmo salar</i> ). <b>2016</b> , 175, 171-83	14
1158	Universal real-time PCR assay for quantitation and size evaluation of residual cell DNA in human viral vaccines. <b>2016</b> , 44, 139-49	4
1157	Shaping species conservation strategies using mtDNA analysis: The case of the elusive Mediterranean monk seal ( <i>Monachus monachus</i> ). <b>2016</b> , 193, 71-79	16

1156	Influence of Fusarium isolates on the expression of barley genes related to plant defense and malting quality. <b>2016</b> , 69, 17-24	9
1155	A sequence tagged site (STS) marker encoding Copia-like retrotransposable element is associated with male specific sex expression in <i>Momordica dioica</i> Roxb.. <b>2016</b> , 201, 265-270	4
1154	CCDC115 Deficiency Causes a Disorder of Golgi Homeostasis with Abnormal Protein Glycosylation. <b>2016</b> , 98, 310-21	65
1153	A Novel Teaching-Learning-Based Optimization for Improved Mutagenic Primer Design in Mismatch PCR-RFLP SNP Genotyping. <b>2016</b> , 13, 86-98	12
1152	Considerations for optimization of microRNA PCR assays for molecular diagnosis. <b>2016</b> , 16, 407-14	23
1151	Correlating behaviour and gene expression endpoints in the dopaminergic system after modafinil administration in mouse. <b>2016</b> , 26, 729-40	4
1150	Ribosomal S6 kinase 4 (RSK4) expression in ovarian tumors and its regulation by antineoplastic drugs in ovarian cancer cell lines. <b>2016</b> , 33, 11	14
1149	Compensatory Mutations of Rifampin Resistance Are Associated with Transmission of Multidrug-Resistant <i>Mycobacterium tuberculosis</i> Beijing Genotype Strains in China. <b>2016</b> , 60, 2807-12	39
1148	Loss of the histone chaperone ASF1B reduces female reproductive capacity in mice. <b>2016</b> , 151, 477-89	20
1147	A remorin gene is implicated in quantitative disease resistance in maize. <b>2016</b> , 129, 591-602	35
1146	Dietary fatty acid composition affects food intake and gut-brain satiety signaling in Senegalese sole ( <i>Solea senegalensis</i> , Kaup 1858) larvae and post-larvae. <b>2016</b> , 228, 79-94	25
1145	A Degenerative/Proinflammatory Intervertebral Disc Organ Culture: An Ex Vivo Model for Anti-inflammatory Drug and Cell Therapy. <b>2016</b> , 22, 8-19	28
1144	Identification of <i>Pseudoperonospora cubensis</i> using real-time PCR and high resolution melting (HRM) analysis. <b>2016</b> , 82, 110-115	5
1143	Next-Generation Sequencing-Assisted DNA-Based Digital PCR for a Personalized Approach to the Detection and Quantification of Residual Disease in Chronic Myeloid Leukemia Patients. <b>2016</b> , 18, 176-89	30
1142	Systematic Evaluation of Sanger Validation of Next-Generation Sequencing Variants. <b>2016</b> , 62, 647-54	111
1141	A DNA test for routine prediction in breeding of sweet cherry fruit color, Pav-Rf-SSR. <b>2016</b> , 36, 1	14
1140	Ascochyta blight disease of pea ( <i>Pisum sativum</i> L.): defence-related candidate genes associated with QTL regions and identification of epistatic QTL. <b>2016</b> , 129, 879-96	16
1139	Digital PCR to assess gene-editing frequencies (GEF-dPCR) mediated by designer nucleases. <b>2016</b> , 11, 598-615	34

1138	T-Type Ca <sup>2+</sup> Channel Inhibition Sensitizes Ovarian Cancer to Carboplatin. <b>2016</b> , 15, 460-70	43
1137	Does Japanese medaka ( <i>Oryzias latipes</i> ) exhibit a gill Na(+)/K(+)-ATPase isoform switch during salinity change?. <b>2016</b> , 186, 485-501	16
1136	ABC transporters and xenobiotic defense systems in early life stages of rainbow trout ( <i>Oncorhynchus mykiss</i> ). <b>2016</b> , 185-186, 45-56	13
1135	Direct evidence of recombination in the <i>recA</i> gene of <i>Aeromonas bestiarum</i> . <b>2016</b> , 39, 106-14	4
1134	Development and evaluation of a multi-locus sequence typing scheme for <i>Mycoplasma synoviae</i> . <b>2016</b> , 45, 426-42	16
1133	Baculoviral IAP2 and IAP3 encoded by <i>Lymantria xyli</i> multiple nucleopolyhedrovirus (LyxyMNPV) suppress insect cell apoptosis in a transient expression assay. <b>2016</b> , 51, 305-316	3
1132	Salivary pellicles equalise surfaces' charges and modulate the virulence of <i>Candida albicans</i> biofilm. <b>2016</b> , 66, 129-40	11
1131	Characterization of a new apple S-RNase allele and its linkage with the <i>Rvi5</i> gene for scab resistance. <b>2016</b> , 36, 1	9
1130	Development of Novel High-Resolution Melting-Based Assays for Genotyping Two Alu Insertion Polymorphisms (FXIII B and PV92). <b>2016</b> , 58, 197-201	2
1129	CAF-like state in primary skin fibroblasts with constitutional BRCA1 epimutation sheds new light on tumor suppressor deficiency-related changes in healthy tissue. <b>2016</b> , 11, 120-31	10
1128	Genetic diversity and population structure of <i>Melia azedarach</i> in North-Western Plains of India. <b>2016</b> , 30, 1483-1494	5
1127	A high-throughput belowground plant diversity assay using next-generation sequencing of the <i>trnL</i> intron. <b>2016</b> , 404, 361-372	17
1126	A genetic linkage map of coffee ( <i>Coffea arabica</i> L.) and QTL for yield, plant height, and bean size. <b>2016</b> , 12, 1	22
1125	The Vigna Genome Server, 'VigGS': A Genomic Knowledge Base of the Genus <i>Vigna</i> Based on High-Quality, Annotated Genome Sequence of the Azuki Bean, <i>Vigna angularis</i> (Willd.) Ohwi & Ohashi. <b>2016</b> , 57, e2	29
1124	Combined Use of Molecular Markers and High-Resolution Melting (HRM) to Assess Chromosome Dosage in Potato Hybrids. <b>2016</b> , 107, 187-92	6
1123	Mitochondrial Dysfunction, Disruption of F-Actin Polymerization, and Transcriptomic Alterations in Zebrafish Larvae Exposed to Trichloroethylene. <b>2016</b> , 29, 169-79	18
1122	An eDNA assay for river otter detection: a tool for surveying a semi-aquatic mammal. <b>2016</b> , 8, 5-7	12
1121	Quantitative Detection and Resolution of BRAF V600 Status in Colorectal Cancer Using Droplet Digital PCR and a Novel Wild-Type Negative Assay. <b>2016</b> , 18, 190-204	23



1120	Development of a quantitative PCR for the detection of <i>Rangelia vitalii</i> . <b>2016</b> , 217, 113-7	4
1119	Muscle wound healing in rainbow trout ( <i>Oncorhynchus mykiss</i> ). <b>2016</b> , 48, 273-84	27
1118	Characterization of 15 microsatellite loci and genetic analysis of <i>Heterodera schachtii</i> (Nematoda: Heteroderidae) in South Korea. <b>2016</b> , 64, 97-104	7
1117	Modulation of the antioxidant nuclear factor (erythroid 2-derived)-like 2 pathway by antidepressants in rats. <b>2016</b> , 103, 79-91	27
1116	Isolation, expression and evolution of FERTILIZATION INDEPENDENT ENDOSPERM homologs in Podostemaceae. <b>2016</b> , 129, 241-50	2
1115	Bacterial translocation affects intracellular neuroinflammatory pathways in a depression-like model in rats. <b>2016</b> , 103, 122-33	27
1114	C22-bronchial and T7-alveolar epithelial cell lines of the immortomouse are excellent murine cell culture model systems to study pulmonary peroxisome biology and metabolism. <b>2016</b> , 145, 287-304	3
1113	Multiplexed High Resolution Melting Assay for Versatile Sample Tracking in a Diagnostic and Research Setting. <b>2016</b> , 18, 32-8	0
1112	Functional testing of a PF02458 homologue of putative rice arabinoxylan feruloyl transferase genes in <i>Brachypodium distachyon</i> . <b>2016</b> , 243, 659-74	29
1111	Transcriptomic profiling of the salt stress response in excised leaves of the halophyte <i>Beta vulgaris</i> ssp. <i>maritima</i> . <b>2016</b> , 243, 56-70	23
1110	Mutations improving production and secretion of extracellular lipase by <i>Burkholderia glumae</i> PG1. <b>2016</b> , 100, 1265-1273	12
1109	Genetic Diversity of Buckwheat Cultivars ( <i>Fagopyrum tartaricum</i> Gaertn.) Assessed with SSR Markers Developed from Genome Survey Sequences. <b>2016</b> , 34, 233-241	20
1108	Developmental profiles and expression of the DNA methyltransferase genes in the fathead minnow ( <i>Pimephales promelas</i> ) following exposure to di-2-ethylhexyl phthalate. <b>2016</b> , 42, 7-18	4
1107	De novo variants in sporadic cases of childhood onset schizophrenia. <b>2016</b> , 24, 944-8	56
1106	Diversity analysis and genomic prediction of <i>Sclerotinia</i> resistance in sunflower using a new 25 K SNP genotyping array. <b>2016</b> , 129, 317-29	15
1105	Acyl-coenzyme A oxidases 1 and 3 in brown trout ( <i>Salmo trutta</i> f. <i>fario</i> ): Can peroxisomal fatty acid oxidation be regulated by estrogen signaling?. <b>2016</b> , 42, 389-401	14
1104	Effects of low temperature on tropical and temperate isolates of marine <i>Synechococcus</i> . <b>2016</b> , 10, 1252-63	17
1103	Excessive Cytolytic Responses Predict Tuberculosis Relapse After Apparently Successful Treatment. <b>2016</b> , 213, 485-95	26

1102	A novel pentaplex real time (RT)- PCR high resolution melt curve assay for simultaneous detection of emetic and enterotoxin producing <i>Bacillus cereus</i> in food. <b>2016</b> , 60, 560-568	15
1101	Degraded RNA transcript stable regions (StaRs) as targets for enhanced forensic RNA body fluid identification. <b>2016</b> , 20, 61-70	17
1100	Mechanisms of lipid metabolism and transport underlying superior performance of Senegalese sole ( <i>Solea senegalensis</i> , Kaup 1858) larvae fed diets containing n-3 polyunsaturated fatty acids. <b>2016</b> , 450, 383-396	23
1099	Inference of biogeographical ancestry across central regions of Eurasia. <b>2016</b> , 130, 73-9	13
1098	STAG3 truncating variant as the cause of primary ovarian insufficiency. <b>2016</b> , 24, 135-8	41
1097	Novel microsatellite markers identification and diversity characterization in <i>Pteris cretica</i> L.. <b>2016</b> , 25, 104-110	2
1096	Ephrin type-B receptor 4 activation reduces neointimal hyperplasia in human saphenous vein in vitro. <b>2016</b> , 63, 795-804	12
1095	Active transposable elements recover species boundaries and geographic structure in Madagascan coffee species. <b>2016</b> , 291, 155-68	3
1094	Identification of rare variants in TNNI3 with atrial fibrillation in a Chinese GeneID population. <b>2016</b> , 291, 79-92	10
1093	Archaeogenetic study of prehistoric rice remains from Thailand and India: evidence of early japonica in South and Southeast Asia. <b>2016</b> , 8, 523-543	55
1092	Development and characterization of microsatellite markers in two agarophyte species, <i>Gracilaria birdiae</i> and <i>Gracilaria caudata</i> (Gracilariaceae, Rhodophyta), using next-generation sequencing. <b>2016</b> , 28, 653-662	9
1091	WIF1 re-expression in glioblastoma inhibits migration through attenuation of non-canonical WNT signaling by downregulating the lncRNA MALAT1. <b>2016</b> , 35, 12-21	101
1090	The complete mitochondrial genome of the Greater Mouse-Eared bat, <i>Myotis myotis</i> (Chiroptera: Vespertilionidae). <b>2017</b> , 28, 347-349	5
1089	Impact of CYP3A4*1G Allele on Clinical Pharmacokinetics and Pharmacodynamics of Clopidogrel. <b>2017</b> , 42, 99-107	18
1088	Tumor-Derived CCL2 Mediates Resistance to Radiotherapy in Pancreatic Ductal Adenocarcinoma. <b>2017</b> , 23, 137-148	164
1087	NOTCH4 gene polymorphisms as potential risk factors for brain arteriovenous malformation development and hemorrhagic presentation. <b>2017</b> , 126, 1552-1559	19
1086	The Chloroplast Genome of <i>Euglena mutabilis</i> -Cluster Arrangement, Intron Analysis, and Intrageneric Trends. <b>2017</b> , 64, 31-44	11
1085	Genetic variability of <i>Fusarium fujikuroi</i> populations associated with bakanae of rice in Italy. <b>2017</b> , 66, 469-479	7

1084	Patient-tailored analysis of minimal residual disease in acute myeloid leukemia using next-generation sequencing. <b>2017</b> , 98, 26-37	23
1083	Validation of reference genes for RT-qPCR in marine bivalve ecotoxicology: Systematic review and case study using copper treated primary <i>Ruditapes philippinarum</i> hemocytes. <b>2017</b> , 185, 86-94	17
1082	Screening of WT1 mutations in exon 8 and 9 in children with steroid resistant nephrotic syndrome from a single centre and establishment of a rapid screening assay using high-resolution melting analysis in a clinical setting. <b>2017</b> , 18, 3	3
1081	Microsatellite development and characterization for <i>Saurogobio dabryi</i> Bleeker, 1871 in a Yangtze river-connected lake, China. <b>2017</b> , 96, 1-4	3
1080	Transient structural variations have strong effects on quantitative traits and reproductive isolation in fission yeast. <b>2017</b> , 8, 14061	212
1079	MRPrimerV: a database of PCR primers for RNA virus detection. <i>Nucleic Acids Research</i> , <b>2017</b> , 45, D475-D481	7
1078	Cyclic-glycine-proline accelerates mammary involution by promoting apoptosis and inhibiting IGF-1 function. <b>2017</b> , 232, 3369-3383	4
1077	Sequence motifs associated with paternal transmission of mitochondrial DNA in the horse mussel, <i>Modiolus modiolus</i> (Bivalvia: Mytilidae). <b>2017</b> , 605, 32-42	11
1076	Detection and enumeration of <i>Lactobacillus helveticus</i> in dairy products. <b>2017</b> , 68, 52-59	21
1075	<i>Anisakis simplex</i> complex: ecological significance of recombinant genotypes in an allopatric area of the Adriatic Sea inferred by genome-derived simple sequence repeats. <b>2017</b> , 47, 215-223	13
1074	Accurate clinical genetic testing for autoinflammatory diseases using the next-generation sequencing platform MiSeq. <b>2017</b> , 9, 146-152	15
1073	Improved genome assembly of American alligator genome reveals conserved architecture of estrogen signaling. <b>2017</b> , 27, 686-696	28
1072	YTHDF3 facilitates translation and decay of N-methyladenosine-modified RNA. <b>2017</b> , 27, 315-328	696
1071	<i>Agrobacteria</i> Enhance Plant Defense Against Root-Knot Nematodes on Tomato. <b>2017</b> , 107, 681-691	4
1070	RNA-Seq Analysis of the Antioxidant Status and Immune Response of <i>Portunus trituberculatus</i> Following Aerial Exposure. <b>2017</b> , 19, 89-101	17
1069	Thermal tolerance in the keystone species <i>Daphnia magna</i> -a candidate gene and an outlier analysis approach. <b>2017</b> , 26, 2291-2305	20
1068	Sequence and Phylogenetic Analysis of the Untranslated Promoter Regions for Class I Genes. <b>2017</b> , 198, 2320-2329	25
1067	Population expansion and individual age affect endoparasite richness and diversity in a recolonising large carnivore population. <b>2017</b> , 7, 41730	25

1066	Association of five SNPs with human hair colour in the Polish population. <b>2017</b> , 68, 134-144	7
1065	Satellite DNA and Transposable Elements in Seabuckthorn ( <i>Hippophae rhamnoides</i> ), a Dioecious Plant with Small Y and Large X Chromosomes. <b>2017</b> , 9, 197-212	17
1064	Genome-wide analysis and expression characteristics of small auxin-up RNA (SAUR) genes in moso bamboo ( <i>Phyllostachys edulis</i> ). <b>2017</b> , 60, 325-336	19
1063	Isolation and characterization of microsatellite markers for <i>Viola mirabilis</i> (Violaceae) using a next-generation sequencing platform. <b>2017</b> , 32, 448-454	3
1062	Mechanistic Study of Utilization of Water-Insoluble <i>Saccharomyces cerevisiae</i> Glucans by <i>Bifidobacterium breve</i> Strain JCM1192. <b>2017</b> , 83,	3
1061	Deletion of 2.7 kb near HOXD3 in an Arabian horse with occipitoatlantoaxial malformation. <b>2017</b> , 48, 287-294	12
1060	Nectin-like 4 Complexes with Choline Transporter-like Protein-1 and Regulates Schwann Cell Choline Homeostasis and Lipid Biogenesis. <b>2017</b> , 292, 4484-4498	7
1059	Primary Human Placental Trophoblasts are Permissive for Zika Virus (ZIKV) Replication. <b>2017</b> , 7, 41389	82
1058	<i>Paraburkholderia phytofirmans</i> PsJN Protects <i>Arabidopsis thaliana</i> Against a Virulent Strain of <i>Pseudomonas syringae</i> Through the Activation of Induced Resistance. <b>2017</b> , 30, 215-230	29
1057	Selection and validation of candidate reference genes for quantitative real-time PCR studies in the shrimp <i>Penaeus vannamei</i> under viral infection. <b>2017</b> , 33, 42-50	8
1056	The transcriptional landscape of basidiosporogenesis in mature <i>Pisolithus microcarpus</i> basidiocarp. <b>2017</b> , 18, 157	0
1055	Genome-wide genic SSR marker development for the endangered Dongxiang wild rice ( <i>Oryza rufipogon</i> ). <b>2017</b> , 15, 566-569	1
1054	A model to predict ripening capacity of Bartlett pears ( <i>Pyrus communis</i> L.) based on relative expression of genes associated with the ethylene pathway. <b>2017</b> , 128, 138-143	9
1053	The pro-inflammatory cytokine TNF- $\alpha$ inhibits lymphatic pumping via activation of the NF- $\kappa$ B-iNOS signaling pathway. <b>2017</b> , 24, e12364	23
1052	Genetic and Targeted eQTL Mapping Reveals Strong Candidate Genes Modulating the Stress Response During Chicken Domestication. <b>2017</b> , 7, 497-504	12
1051	Development of a sequence-tagged site (STS) marker for sex identification in the dioecious rattan species <i>Calamus guruba</i> Buch.-Ham.. <b>2017</b> , 37, 1	2
1050	Growth and metabolic responses of juvenile <i>Macrobrachium nipponense</i> to different dietary carbohydrate levels. <b>2017</b> , 23, 1136-1144	20
1049	Who needs the hotspot? The effect of temperature on the fish host immune response to <i>Tetracapsuloides bryosalmonae</i> the causative agent of proliferative kidney disease. <b>2017</b> , 63, 424-437	42

1048	Two Acyltransferases Contribute Differently to Linolenic Acid Levels in Seed Oil. <b>2017</b> , 173, 2081-2095	53
1047	Using Next-Generation Sequencing for DNA Barcoding: Capturing Allelic Variation in ITS2. <b>2017</b> , 7, 19-29	22
1046	HRGFish: A database of hypoxia responsive genes in fishes. <b>2017</b> , 7, 42346	15
1045	RAB27A, RAB27B and VPS36 are downregulated in advanced prostate cancer and show functional relevance in prostate cancer cells. <b>2017</b> , 50, 920-932	23
1044	De novo genome assembly of <i>Cercospora beticola</i> for microsatellite marker development and validation. <b>2017</b> , 26, 125-134	20
1043	Genomic structure and insertion sites of <i>Helicobacter pylori</i> prophages from various geographical origins. <b>2017</b> , 7, 42471	20
1042	Diversity of <i>Serratia marcescens</i> Strains Associated with Cucurbit Yellow Vine Disease in Georgia. <b>2017</b> , 101, 129-136	7
1041	TipMT: Identification of PCR-based taxon-specific markers. <b>2017</b> , 18, 104	2
1040	Direct detection of falciparum and non-falciparum malaria DNA from a drop of blood with high sensitivity by the dried-LAMP system. <b>2017</b> , 10, 26	29
1039	Genome Report: Identification and Validation of Antigenic Proteins from Using Genome Sequence Assembly and Reverse Vaccinology. <b>2017</b> , 7, 321-331	5
1038	Reciprocal translocation of small numbers of inbred individuals rescues immunogenetic diversity. <b>2017</b> , 26, 2660-2673	7
1037	On the way for detecting and quantifying elusive species in the sea: The <i>Octopus vulgaris</i> case study. <b>2017</b> , 191, 41-48	19
1036	High resolution melting analysis for identification of commercially-important <i>Mytilus</i> species. <b>2017</b> , 229, 716-720	22
1035	A formulation of neem cake seeded with <i>Bacillus</i> sp. provides control over tomato <i>Fusarium</i> crown and root rot. <b>2017</b> , 27, 393-407	2
1034	Simplified qPCR method for detecting excessive mtDNA damage induced by exogenous factors. <b>2017</b> , 382, 67-74	22
1033	RXLR Effector AVR2 Up-Regulates a Brassinosteroid-Responsive bHLH Transcription Factor to Suppress Immunity. <b>2017</b> , 174, 356-369	46
1032	Integrin $\beta$ Is Abundant in Human, Rat, and Mouse Trophoblasts. <b>2017</b> , 24, 1426-1437	1
1031	A De Novo Nonsense Mutation in MAGEL2 in a Patient Initially Diagnosed as Opitz-C: Similarities Between Schaaf-Yang and Opitz-C Syndromes. <b>2017</b> , 7, 44138	24

1030	Evolutionary and domestication history of Cucurbita (pumpkin and squash) species inferred from 44 nuclear loci. <b>2017</b> , 111, 98-109	42
1029	Genome-wide identification and expression analysis of the GRAS family proteins in <i>Medicago truncatula</i> . <b>2017</b> , 39, 1	16
1028	Characterization and expression analysis of chitinase genes (CHIT1, CHIT2 and CHIT3) in turbot ( <i>Scophthalmus maximus</i> L.) following bacterial challenge. <b>2017</b> , 64, 357-366	9
1027	Diversity in non-repetitive human sequences not found in the reference genome. <b>2017</b> , 49, 588-593	42
1026	Development and Validation of Polymorphic Microsatellite Loci for the NA2 Lineage of <i>Phytophthora ramorum</i> from Whole Genome Sequence Data. <b>2017</b> , 101, 666-673	10
1025	Transcriptional and physiological analyses of Fe deficiency response in maize reveal the presence of Strategy I components and Fe/P interactions. <b>2017</b> , 18, 154	29
1024	Epigenetic modifications and glucocorticoid sensitivity in Myalgic Encephalomyelitis/Chronic Fatigue Syndrome (ME/CFS). <b>2017</b> , 10, 11	31
1023	Anatomical and transcriptional dynamics of early floral development of mulberry ( <i>Morus alba</i> ). <b>2017</b> , 13, 1	4
1022	Design Automation in Synthetic Biology. <b>2017</b> , 9,	41
1021	Simultaneous detection of 45 fusion genes in leukemia by dual-color fluorescence real-time PCR. <b>2017</b> , 39, 175-184	
1020	Sexual reproduction, sporophyte development and molecular variation in the model moss <i>Physcomitrella patens</i> : introducing the ecotype Reute. <b>2017</b> , 90, 606-620	25
1019	Lepidopteran species have a variety of defence strategies against bacterial infections. <b>2017</b> , 144, 88-96	7
1018	Membrane engineering of <i>S. cerevisiae</i> targeting sphingolipid metabolism. <b>2017</b> , 7, 41868	6
1017	Development of male-specific markers and identification of sex reversal mutants in papaya. <b>2017</b> , 213, 1	22
1016	Retrospective analysis of phytoplankton assemblages on the Iwate coast before and after the 2011 tsunami using cryopreserved DNA samples. <b>2017</b> , 26, 234-250	3
1015	Species identification and comparative population genetics of four coastal houndsharks based on novel NGS-mined microsatellites. <b>2017</b> , 7, 1462-1486	19
1014	Isolation and Characterization of Microsatellite Markers for <i>Viola websteri</i> (Violaceae) and Cross-Species Amplification within the Genus <i>Viola</i> . <b>2017</b> , 35, 145-153	1
1013	Differential gene expression profiling of human adipose stem cells differentiating into smooth muscle-like cells by TGF $\beta$ /BMP4. <b>2017</b> , 352, 207-217	12

1012	The Canine POMC Gene, Obesity in Labrador Retrievers and Susceptibility to Diabetes Mellitus. <b>2017</b> , 31, 343-348	8
1011	A DNA test for routine prediction in breeding of peach blush, Ppe-Rf-SSR. <b>2017</b> , 37, 1	11
1010	Toad toxin-resistant snake ( <i>Thamnophis elegans</i> ) expresses high levels of mutant Na/K-ATPase mRNA in cardiac muscle. <b>2017</b> , 614, 21-25	5
1009	Mitochondrial genome diversity in dagger and needle nematodes (Nematoda: Longidoridae). <b>2017</b> , 7, 41813	13
1008	Transcriptome profiling of <i>Eucalyptus nitens</i> reveals deeper insight into the molecular mechanism of cold acclimation and deacclimation process. <b>2017</b> , 13, 1	9
1007	Association of expression of selenoprotein P in mRNA and protein levels with metabolic syndrome in subjects with cardiovascular disease: Results of the Selenogene study. <b>2017</b> , 19, e2945	20
1006	Construction and Analysis of Two Genome-Scale Deletion Libraries for <i>Bacillus subtilis</i> . <b>2017</b> , 4, 291-305.e7	245
1005	Dimethylsulfoniopropionate biosynthesis in marine bacteria and identification of the key gene in this process. <b>2017</b> , 2, 17009	123
1004	Ancient DNA analysis of cyprinid remains from the Mesolithic-Neolithic Danube Gorges reveals an extirpated fish species <i>Rutilus frisii</i> (Nordmann, 1840). <b>2017</b> , 79, 1-9	10
1003	Functional preservation and variation in the cone opsin genes of nocturnal tarsiers. <b>2017</b> , 372,	45
1002	Investigation of intra-herd spread of <i>Mycobacterium caprae</i> in cattle by generation and use of a whole-genome sequence. <b>2017</b> , 41, 113-128	11
1001	Isolation and Characterisation of Novel Polymorphic Microsatellite Markers for the Wedge-Billed Woodcreeper <i>Glyphorynchus spirurus</i> . <b>2017</b> , 10, 24-26	1
1000	Clinical Features, Molecular Heterogeneity, and Prognostic Implications in YARS2-Related Mitochondrial Myopathy. <b>2017</b> , 74, 686-694	31
999	Characterization of Non-coding Regions in B Mating Loci of <i>Agrocybe salicicola</i> Groups: Target Sites for B Mating Type Identification. <b>2017</b> , 74, 772-778	2
998	Citrus leprosis virus N: A New Dichorhavirus Causing Citrus Leprosis Disease. <b>2017</b> , 107, 963-976	37
997	Windows of Susceptibility and Consequences of Early Life Exposures to 17 $\beta$ estradiol on Medaka ( <i>Oryzias latipes</i> ) Reproductive Success. <b>2017</b> , 51, 5296-5305	10
996	The transcription factor Relish controls <i>Anaplasma marginale</i> infection in the bovine tick <i>Rhipicephalus microplus</i> . <b>2017</b> , 74, 32-39	11
995	Gelatin-Derived Graphene-Silicate Hybrid Materials Are Biocompatible and Synergistically Promote BMP9-Induced Osteogenic Differentiation of Mesenchymal Stem Cells. <b>2017</b> , 9, 15922-15932	26

994	Isolation of Early-Responsive MicroRNA From <i>Diuraphis noxia</i> (Hemiptera: Aphididae)-Resistant Wheat. <b>2017</b> , 110, 1298-1306	5
993	Isolation and characterization of 14 tetranucleotide microsatellite loci for the cannonball jellyfish ( <i>Stomolophus</i> sp.) by next generation sequencing. <b>2017</b> , 44, 257-260	1
992	Stuck in fragments: Population genetics of the Endangered collared brown lemur <i>Eulemur collaris</i> in the Malagasy littoral forest. <b>2017</b> , 163, 542-552	6
991	Auxin signalling regulation during induced and parthenocarpic fruit set in zucchini. <b>2017</b> , 37, 1	9
990	Development and validation of InnoQuant HY, a system for quantitation and quality assessment of total human and male DNA using high copy targets. <b>2017</b> , 29, 205-217	15
989	Origin and Evolution of the Sponge Aggregation Factor Gene Family. <b>2017</b> , 34, 1083-1099	17
988	Isolation and characterization of microsatellite markers in <i>Garcinia gummi-gutta</i> by next-generation sequencing and cross-species amplification. <b>2017</b> , 96, 213-218	8
987	Use of an intron containing grapevine gene as internal control for validation of cDNA synthesis in virus detection by RT-PCR. <b>2017</b> , 149, 765-770	
986	Transcriptomic changes in an animal-bacterial symbiosis under modeled microgravity conditions. <b>2017</b> , 7, 463-18	15
985	Multi-Omics of Tomato Glandular Trichomes Reveals Distinct Features of Central Carbon Metabolism Supporting High Productivity of Specialized Metabolites. <b>2017</b> , 29, 960-983	90
984	Human adenine nucleotide translocases physically and functionally interact with respirasomes. <b>2017</b> , 28, 1489-1506	23
983	Sticklebacks adapted to divergent osmotic environments show differences in plasticity for kidney morphology and candidate gene expression. <b>2017</b> , 220, 2175-2186	20
982	Apoptosis induced by low-level laser in polymorphonuclear cells of acute joint inflammation: comparative analysis of two energy densities. <b>2017</b> , 32, 975-983	7
981	Nitrous Oxide Reduction by an Obligate Aerobic Bacterium, <i>Gemmatimonas aurantiaca</i> Strain T-27. <b>2017</b> , 83,	64
980	Single-Target and Multiplex Discrimination of Whiteflies (Hemiptera: Aleyrodidae) <i>Bemisia tabaci</i> and <i>Trialeurodes vaporariorum</i> With Modified Priming Oligonucleotide Thermodynamics. <b>2017</b> , 110, 1821-1830	7
979	Genetic sex determination in <i>Astatotilapia calliptera</i> , a prototype species for the Lake Malawi cichlid radiation. <b>2017</b> , 104, 41	16
978	Candidate gene association with summer dormancy in tall fescue. <b>2017</b> , 213, 1	4
977	Partial molecular characterization of the mitochondrial genome of and prevalence of infection in a wild population of Striped skunks. <b>2017</b> , 6, 70-75	5



976	Expression of inositol-requiring enzyme 1 $\alpha$ s downregulated in colorectal cancer. <b>2017</b> , 13, 1109-1118	5
975	Investigating biogeographic boundaries of the Sunda shelf: A phylogenetic analysis of two island populations of <i>Macaca fascicularis</i> . <b>2017</b> , 163, 658-670	6
974	The involvement of cathepsin F gene (CTSF) in turbot ( <i>Scophthalmus maximus</i> L.) mucosal immunity. <b>2017</b> , 66, 270-279	15
973	Next generation sequencing-based multigene panel for high throughput detection of food-borne pathogens. <b>2017</b> , 256, 20-29	16
972	The Whole-Genome and Transcriptome of the Manila Clam ( <i>Ruditapes philippinarum</i> ). <b>2017</b> , 9, 1487-1498	45
971	Claudin peptidomimetics modulate tissue barriers for enhanced drug delivery. <b>2017</b> , 1397, 169-184	30
970	No significant enrichment of rare functionally defective CPA1 variants in a large Chinese idiopathic chronic pancreatitis cohort. <b>2017</b> , 38, 959-963	14
969	PCR assay for direct specific detection of <i>Bradyrhizobium</i> elite strain BR 3262 in root nodule extracts of soil-grown cowpea. <b>2017</b> , 417, 535-548	2
968	Glyphosate resistance reduces kochia fitness: Comparison of segregating resistant and susceptible F2 populations. <b>2017</b> , 261, 69-79	29
967	BMP9 induces osteogenesis and adipogenesis in the immortalized human cranial suture progenitors from the patent sutures of craniosynostosis patients. <b>2017</b> , 21, 2782-2795	34
966	Combined target site (kdr) mutations play a primary role in highly pyrethroid resistant phenotypes of <i>Aedes aegypti</i> from Saudi Arabia. <b>2017</b> , 10, 161	33
965	A gapA PCR-sequencing Assay for Identifying the <i>Dickeya</i> and <i>Pectobacterium</i> Potato Pathogens. <b>2017</b> , 101, 1278-1282	34
964	Genetic differentiation of <i>Ganaspis brasiliensis</i> (Hymenoptera: Figitidae) from East and Southeast Asia. <b>2017</b> , 52, 429-437	28
963	Ribosomal background of the <i>Bacillus cereus</i> group thermotypes. <b>2017</b> , 7, 46430	14
962	Population structure of Purple Sandpipers () as revealed by mitochondrial DNA and microsatellites. <b>2017</b> , 7, 3225-3242	6
961	Systematic loop-mediated isothermal amplification assays for rapid detection and characterization of <i>Salmonella</i> spp., <i>Enteritidis</i> and <i>Typhimurium</i> in food samples. <b>2017</b> , 80, 297-306	29
960	The digestive and defensive basis of carcass utilization by the burying beetle and its microbiota. <b>2017</b> , 8, 15186	66
959	Positive epistasis of major low-cost drug resistance mutations <i>rpoB</i> 531-TTG and <i>katG</i> 315-ACC depends on the phylogenetic background of <i>Mycobacterium tuberculosis</i> strains. <b>2017</b> , 49, 757-762	11

958	In silico characterization of a novel dehalogenase (DehHX) from the halophile <i>Pseudomonas halophila</i> HX isolated from Tuz Gull Lake, Turkey: insights into a hypersaline-adapted dehalogenase. <b>2017</b> , 67, 371-382		24
957	The <i>Neurospora</i> Transcription Factor ADV-1 Transduces Light Signals and Temporal Information to Control Rhythmic Expression of Genes Involved in Cell Fusion. <b>2017</b> , 7, 129-142		18
956	Differential accumulation of <i>Xanthomonas campestris</i> pv. <i>campestris</i> proteins during the interaction with the host plant: Contributions of an in vivo system. <b>2017</b> , 17, 1700086		11
955	Molecular phylogeny of 21 tropical bamboo species reconstructed by integrating non-coding internal transcribed spacer (ITS1 and 2) sequences and their consensus secondary structure. <b>2017</b> , 145, 319-333		4
954	Locus-Specific DNA Methylation Analysis and Applications to Plants. <b>2017</b> , 303-327		0
953	Pan-Genomic Approaches in <i>Lactobacillus reuteri</i> as a Porcine Probiotic: Investigation of Host Adaptation and Antipathogenic Activity. <b>2017</b> , 74, 709-721		10
952	ChimeRScope: a novel alignment-free algorithm for fusion transcript prediction using paired-end RNA-Seq data. <i>Nucleic Acids Research</i> , <b>2017</b> , 45, e120	20.1	17
951	User Guide for the LORE1 Insertion Mutant Resource. <b>2017</b> , 1610, 13-23		2
950	Diazotrophic Growth Allows <i>Azotobacter vinelandii</i> To Overcome the Deleterious Effects of a Deletion. <b>2017</b> , 83,		6
949	Identification and characterization of simple sequence repeats (SSRs) for population studies of <i>Puccinia novopanicis</i> . <b>2017</b> , 139, 113-122		3
948	Duplicated Enhancer Region Increases Expression of CTSB and Segregates with Keratolytic Winter Erythema in South African and Norwegian Families. <b>2017</b> , 100, 737-750		19
947	Abiotic conditions leading to FUM gene expression and fumonisin accumulation by <i>Fusarium proliferatum</i> strains grown on a wheat-based substrate. <b>2017</b> , 253, 12-19		15
946	Mycorrhization protects <i>Betula pubescens</i> Ehr. from metal-induced oxidative stress increasing its tolerance to grow in an industrial polluted soil. <b>2017</b> , 336, 119-127		25
945	Johnsongrass mosaic virus Contributes to Maize Lethal Necrosis in East Africa. <b>2017</b> , 101, 1455-1462		26
944	Upgrading short-read animal genome assemblies to chromosome level using comparative genomics and a universal probe set. <b>2017</b> , 27, 875-884		62
943	Ecological and physical barriers shape genetic structure of the Alpine porcini ( <i>Boletus reticulocephus</i> ). <b>2017</b> , 27, 261-272		7
942	Identification and expression analyses of vitellogenin in <i>Bactericera cockerelli</i> (ulc). <b>2017</b> , 98, 205-213		17
941	CRISPR-GE: A Convenient Software Toolkit for CRISPR-Based Genome Editing. <b>2017</b> , 10, 1246-1249		129

940	IL6 Receptor Blockade Enhances Chemotherapy Efficacy in Pancreatic Ductal Adenocarcinoma. <b>2017</b> , 16, 1898-1908	63
939	Light- and clock-control of genes involved in detoxification. <b>2017</b> , 34, 1026-1041	15
938	APMicroDB: A microsatellite database of. <b>2017</b> , 12, 111-115	0
937	Expression profiles of a cytoplasmic male sterile line of <i>Gossypium harknessii</i> and its fertility restorer and maintainer lines revealed by RNA-Seq. <b>2017</b> , 116, 106-115	6
936	Nuclear DNA markers for identification of Beluga and Sterlet sturgeons and their interspecific Bester hybrid. <b>2017</b> , 7, 1694	15
935	Toxic Electrophiles Induce Expression of the Multidrug Efflux Pump MexEF-OprN in <i>Pseudomonas aeruginosa</i> through a Novel Transcriptional Regulator, CmrA. <b>2017</b> , 61,	17
934	Identification of a de novo variant in CHUK in a patient with an EEC/AEC syndrome-like phenotype and hypogammaglobulinemia. <b>2017</b> , 173, 1813-1820	5
933	Genetic analysis of the Lf1 gene that controls leaflet number in soybean. <b>2017</b> , 130, 1685-1692	4
932	PCR optimization and allele distribution of SNAC1 gene coding region in rice ( <i>Oryza sativa</i> L.). <b>2017</b> , 4, 30-36	
931	TRPS1 gene alterations in human subependymoma. <b>2017</b> , 134, 133-138	7
930	A distinct and genetically diverse lineage of the hybrid fungal pathogen <i>Verticillium longisporum</i> population causes stem striping in British oilseed rape. <b>2017</b> , 19, 3997-4009	18
929	Transcriptome Characterization of a Sterilizing Trematode Parasite ( sp.) from Two Species of New Zealand Snails. <b>2017</b> , 7, 871-880	2
928	Intraspecific differences in molecular stress responses and coral pathobiome contribute to mortality under bacterial challenge in <i>Acropora millepora</i> . <b>2017</b> , 7, 2609	48
927	Benzene degradation in a denitrifying biofilm reactor: activity and microbial community composition. <b>2017</b> , 101, 5175-5188	26
926	Transcriptional signatures of parasitization and markers of colony decline in <i>Varroa</i> -infested honey bees ( <i>Apis mellifera</i> ). <b>2017</b> , 87, 1-13	26
925	Osteopontin Blockade Attenuates Renal Injury After Ischemia Reperfusion by Inhibiting NK Cell Infiltration. <b>2017</b> , 47, 52-60	13
924	Genome-wide analysis of specific alterations in transcript structure and accumulation caused by nutrient deficiencies in <i>Arabidopsis thaliana</i> . <b>2017</b> , 91, 741-753	32
923	Chloroplast genome resources and molecular markers differentiate rubber dandelion species from weedy relatives. <b>2017</b> , 17, 34	39

922	Asymmetric hybridization between non-native winter moth, <i>Operophtera brumata</i> (Lepidoptera: Geometridae), and native Bruce spanworm, <i>Operophtera bruceata</i> , in the Northeastern United States, assessed with novel microsatellites and SNPs. <b>2017</b> , 107, 241-250	17
921	Fifteen microsatellite markers for <i>Iridaceae</i> : An endangered species from South American grasslands. <b>2017</b> , 5, 1700035	1
920	Design of synthetic epigenetic circuits featuring memory effects and reversible switching based on DNA methylation. <b>2017</b> , 8, 15336	19
919	Cloning and functional characterization of a retinoid X receptor orthologue in <i>Platynereis dumerilii</i> : An evolutionary and toxicological perspective. <b>2017</b> , 182, 753-761	12
918	Identification and expression profiling of novel plant cell wall degrading enzymes from a destructive pest of palm trees, <i>Rhynchophorus ferrugineus</i> . <b>2017</b> , 26, 469-484	7
917	ABA regulation of calcium-related genes and bitter pit in apple. <b>2017</b> , 132, 1-6	17
916	High-resolution mapping reveals linkage between genes in common bean cultivar Ouro Negro conferring resistance to the rust, anthracnose, and angular leaf spot diseases. <b>2017</b> , 130, 1705-1722	14
915	<i>Fgfr2</i> is integral for bladder mesenchyme patterning and function. <b>2017</b> , 312, F607-F618	10
914	Long Fragment Polymerase Chain Reaction. <b>2017</b> , 1620, 65-74	1
913	Differential physiological and genetic responses of five European Scots pine provenances to induced water stress. <b>2017</b> , 215, 100-109	4
912	Clinical Implications of Monitoring Circulating Tumor DNA in Patients with Colorectal Cancer. <b>2017</b> , 23, 5437-5445	147
911	De novo assembly, functional annotation, and analysis of the giant reed ( <i>L.</i> ) leaf transcriptome provide tools for the development of a biofuel feedstock. <b>2017</b> , 10, 138	28
910	Environmental DNA (eDNA) detects the invasive crayfishes <i>Orconectes rusticus</i> and <i>Pacifastacus leniusculus</i> in large lakes of North America. <b>2017</b> , 800, 173-185	54
909	Identification of 19 new risk loci and potential regulatory mechanisms influencing susceptibility to testicular germ cell tumor. <b>2017</b> , 49, 1133-1140	89
908	Adaptation to copper stress influences biofilm formation in <i>Alteromonas macleodii</i> . <b>2017</b> , 33, 505-519	3
907	STITCHER 2.0: primer design for overlapping PCR applications. <b>2017</b> , 7, 45349	3
906	Deciphering genes associated with root wilt disease of coconut and development of its transcriptomic database (CnTDB). <b>2017</b> , 100, 255-263	6
905	VCF-kit: assorted utilities for the variant call format. <b>2017</b> , 33, 1581-1582	31

904	Protein-coding genes in B chromosomes of the grasshopper <i>Eyprepocnemis plorans</i> . <b>2017</b> , 7, 45200	41
903	Bioenergetic Impairment in Congenital Muscular Dystrophy Type 1A and Leigh Syndrome Muscle Cells. <b>2017</b> , 7, 45272	18
902	Abortion and mortality in farm mink ( <i>Neovison vison</i> ) associated with feed-born <i>Clostridium limosum</i> . <b>2017</b> , 203, 229-233	4
901	Targeted molecular investigation in patients within the clinical spectrum of Auriculocondylar syndrome. <b>2017</b> , 173, 938-945	6
900	Real-Time PCR Identification of Six <i>Malassezia</i> Species. <b>2017</b> , 74, 671-677	14
899	<i>Brevibacillus laterosporus</i> pathogenesis and local immune response regulation in the house fly midgut. <b>2017</b> , 145, 55-61	14
898	A novel multiplex PCR assay for simultaneous detection of nine clinically significant bacterial pathogens associated with bovine mastitis. <b>2017</b> , 33, 57-64	15
897	Breast ductal carcinoma in situ carry mutational driver events representative of invasive breast cancer. <b>2017</b> , 30, 952-963	37
896	Genomic structure of the horse major histocompatibility complex class II region resolved using PacBio long-read sequencing technology. <b>2017</b> , 7, 45518	19
895	Target-Specific Assay for Rapid and Quantitative Detection of <i>Mycobacterium chimaera</i> DNA. <b>2017</b> , 55, 1847-1856	12
894	Detection of endocrine disrupting chemicals and evidence of their effects on the HPG axis of the European anchovy <i>Engraulis encrasicolus</i> . <b>2017</b> , 127, 137-147	9
893	Characterization of retroviral infectivity and superinfection resistance during retrovirus-mediated transduction of mammalian cells. <b>2017</b> , 24, 333-341	27
892	Tools in science. <b>2017</b> , 220, 3-6	
891	Recurrent epigenetic silencing of the PTPRD tumor suppressor in laryngeal squamous cell carcinoma. <b>2017</b> , 39, 1010428317691427	9
890	'Bartlett' pear fruit ( <i>Pyrus communis</i> L.) ripening regulation by low temperatures involves genes associated with jasmonic acid, cold response, and transcription factors. <b>2017</b> , 260, 8-18	23
889	A multiplex PCR-based technique for identification of <i>Biscogniauxia mediterranea</i> and <i>Obolarina persica</i> causing charcoal disease of oak trees in Zagros forests. <b>2017</b> , 47, e12330	7
888	The effects of fipronil and the photodegradation product fipronil desulfinyl on growth and gene expression in juvenile blue crabs, <i>Callinectes sapidus</i> , at different salinities. <b>2017</b> , 186, 96-104	38
887	Phylogenetic systematics of <i>Syncephalis</i> (Zoopagales, Zoopagomycotina), a genus of ubiquitous mycoparasites. <b>2017</b> , 109, 333-349	16

886	De novo transcriptome assembly reveals high transcriptional complexity in <i>Pisum sativum</i> axillary buds and shows rapid changes in expression of diurnally regulated genes. <b>2017</b> , 18, 221	19
885	SOX10 mutation causes Waardenburg syndrome associated with distinctive phenotypic features in an Iranian family: A clue for phenotype-directed genetic analysis. <b>2017</b> , 96, 122-126	9
884	The RNAi pathway plays a small part in Wolbachia-mediated blocking of dengue virus in mosquito cells. <b>2017</b> , 7, 43847	43
883	Identification of different cytoplasms based on newly developed mitotype-specific markers for marker-assisted selection breeding in <i>Brassica napus</i> L. <b>2017</b> , 36, 901-909	10
882	Development and validation of a novel multiplexed DNA analysis system, InnoTyper 21. <b>2017</b> , 29, 80-99	17
881	ThermoAlign: a genome-aware primer design tool for tiled amplicon resequencing. <b>2017</b> , 7, 44437	10
880	Probing Chromatin Modifications in Response to ERK Signaling. <b>2017</b> , 1487, 289-301	2
879	Milk protein polymorphisms and casein haplotypes in Butana cattle. <b>2017</b> , 58, 261-271	7
878	Distinct ecological niches of marine symbiotic N-fixing cyanobacterium <i>Candidatus Atelocyanobacterium thalassa</i> sublineages. <b>2017</b> , 53, 451-461	36
877	Modulation of MHC class I surface expression in B16F10 melanoma cells by methylseleninic acid. <b>2017</b> , 6, e1259049	13
876	Effects and detection of Nandrosol and ractopamine administration in veal calves. <b>2017</b> , 221, 706-713	4
875	Detection of ESKAPE Bacterial Pathogens at the Point of Care Using Isothermal DNA-Based Assays in a Portable Degas-Actuated Microfluidic Diagnostic Assay Platform. <b>2017</b> , 83,	33
874	The importance of molecular markers and primer design when characterizing biodiversity from environmental DNA. <b>2017</b> , 60, 358-374	46
873	First plastid phylogenomic study reveals potential cyto-nuclear discordance in the evolutionary history of <i>Ficus</i> L. (Moraceae). <b>2017</b> , 109, 93-104	39
872	Quantification of bacterial non-specific acid (phoC) and alkaline (phoD) phosphatase genes in bulk and rhizosphere soil from organically managed soybean fields. <b>2017</b> , 111, 48-56	77
871	<i>Ascaris</i> phylogeny based on multiple whole mtDNA genomes. <b>2017</b> , 48, 4-9	10
870	The complete mitochondrial genome of the conifer needle endophyte, <i>Phialocephala scopiformis</i> DAOMC 229536 confirms evolutionary division within the fungal <i>Phialocephala fortinii</i> s.l. - <i>Acephala appalana</i> species complex. <b>2017</b> , 121, 212-221	6
869	Establishing species-specific sexing markers suitable for non-invasive samples of species lacking genomic resources: an example using the highly endangered common hamster <i>Cricetus cricetus</i> . <b>2017</b> , 9, 253-255	

868	Spatial Genetic Structure of Coffee-Associated <i>Xylella fastidiosa</i> Populations Indicates that Cross Infection Does Not Occur with Sympatric Citrus Orchards. <b>2017</b> , 107, 395-402	14
867	Primer design for SNP genotyping based on allele-specific amplification-Application to organ transplantation pharmacogenomics. <b>2017</b> , 136, 14-21	8
866	Tracing the introduction history of the brown seaweed <i>Dictyota cyanoloma</i> (Phaeophyceae, Dictyotales) in Europe. <b>2017</b> , 52, 31-42	13
865	E2F transcription factors associated with up-regulated genes in glioblastoma. <b>2017</b> , 18, 199-208	13
864	Standardized Markerless Gene Integration for Pathway Engineering in <i>Yarrowia lipolytica</i> . <b>2017</b> , 6, 402-409	118
863	Mutations in the histone methyltransferase gene <i>KMT2B</i> cause complex early-onset dystonia. <b>2017</b> , 49, 223-237	116
862	Tolerance of whitefish ( <i>Coregonus lavaretus</i> ) early life stages to manganese sulfate is affected by the parents. <b>2017</b> , 36, 1343-1353	5
861	The metalloprotease <i>SepA</i> governs processing of accumulation-associated protein and shapes intercellular adhesive surface properties in <i>Staphylococcus epidermidis</i> . <b>2017</b> , 103, 860-874	29
860	Variables influencing the efficiency and interpretation of reverse transcription quantitative PCR (RT-qPCR): An empirical study using Bacteriophage MS2. <b>2017</b> , 241, 1-10	20
859	Reduced metabolic function and structural alterations in inherited retinal dystrophies: investigating the effect of peripapillary vessel oxygen saturation and vascular diameter on the retinal nerve fibre layer thickness. <b>2017</b> , 95, 252-261	19
858	Mutation screening of <i>PLA2G6</i> in Japanese patients with early onset dystonia-parkinsonism. <b>2017</b> , 124, 431-435	8
857	Validation of an in vitro system for studies of pathogenicity mechanisms in <i>Xanthomonas campestris</i> . <b>2017</b> , 364,	2
856	Complete chloroplast genome sequences contribute to plant species delimitation: A case study of the <i>Anemopaegma</i> species complex. <b>2017</b> , 104, 1493-1509	33
855	Measuring inotocin receptor gene expression in chronological order in ant queens. <b>2017</b> , 96, 116-121	12
854	Transcriptomic analysis of juvenile wood formation during the growing season in <i>Pinus canariensis</i> . <b>2017</b> , 71, 919-937	8
853	Mapping quantitative trait loci for heat tolerance at the booting stage using chromosomal segment substitution lines in rice. <b>2017</b> , 23, 817-825	21
852	A New Perspective on Polyploid <i>Fragaria</i> (Strawberry) Genome Composition Based on Large-Scale, Multi-Locus Phylogenetic Analysis. <b>2017</b> , 9, 3433-3448	19
851	Re-oxygenation after anoxia induces brain cell death and memory loss in the anoxia-tolerant crucian carp. <b>2017</b> , 220, 3883-3895	18

850	Development of single-copy nuclear intron markers for species-level phylogenetics: Case study with Paullinieae (Sapindaceae). <b>2017</b> , 5, 1700051	2
849	The Pacific oyster ( <i>Crassostrea gigas</i> ) Hsp70 modulates the Ostreid herpes virus 1 infectivity. <b>2017</b> , 71, 127-135	8
848	Sequence analysis of feline immunoglobulin mRNAs and the development of a felinized monoclonal antibody specific to feline panleukopenia virus. <b>2017</b> , 7, 12713	2
847	RNA-Seq Analyses Identify Frequent Allele Specific Expression and No Evidence of Genomic Imprinting in Specific Embryonic Tissues of Chicken. <b>2017</b> , 7, 11944	29
846	Thiamine Acquisition Strategies Impact Metabolism and Competition in the Gut Microbe. <b>2017</b> , 2,	34
845	Stabilization of a bat-pitcher plant mutualism. <b>2017</b> , 7, 13170	1
844	Identification of Cupressaceae species from airborne pollen grains using chloroplastic markers: implications for reproductive interference evaluation in a remnant natural population of <i>Chamaecyparis pisifera</i> (Sieb. et Zucc.) Endl. <b>2017</b> , 1-5	
843	Development of a real-time fluorescence loop-mediated isothermal amplification assay for rapid and quantitative detection of <i>Ustilago maydis</i> . <b>2017</b> , 7, 13394	17
842	A teleost androgen promotes development of primary ovarian follicles in coho salmon and rapidly alters the ovarian transcriptome. <b>2017</b> , 97, 731-745	14
841	Isolation and characterization of microsatellite loci for (Smilacaceae). <b>2017</b> , 5, 1700001	2
840	Authentication of <i>Zanthoxylum</i> Species Based on Integrated Analysis of Complete Chloroplast Genome Sequences and Metabolite Profiles. <b>2017</b> , 65, 10350-10359	11
839	Transcriptomic profiling of adaptive responses to ocean acidification. <b>2017</b> , 26, 5974-5988	30
838	Duplication and Sub/Neofunctionalization of , an Insect Homolog of , in the Subsocial Beetle. <b>2017</b> , 7, 3393-3403	9
837	Phylogenetic relationships of ascomycetes and basidiomycetes based on comparative genomics analysis. <b>2017</b> , 39, 1307-1316	5
836	Evaluation of Genetic Population Structure of Smallmouth Bass in the Susquehanna River Basin, Pennsylvania. <b>2017</b> , 37, 850-861	1
835	CRISPRi repression of nonhomologous end-joining for enhanced genome engineering via homologous recombination in <i>Yarrowia lipolytica</i> . <b>2017</b> , 114, 2896-2906	73
834	Genetic and Molecular Characterization of Leaf Rust Resistance in Two Durum Wheat Landraces. <b>2017</b> , 107, 1381-1387	8
833	Investigation of root signaling under heterogeneous salt stress: A case study for <i>Cucumis sativus</i> L.. <b>2017</b> , 143, 20-28	8



832	Novel PCR primers to diagnose visceral leishmaniasis using peripheral blood, spleen or bone marrow aspirates. <b>2017</b> , 10, 753-759	3
831	High-Throughput, Multiplex Genotyping Directly from Blood or Dried Blood Spot without DNA Extraction for the Screening of Multiple G6PD Gene Variants at Risk for Drug-Induced Hemolysis. <b>2017</b> , 19, 638-650	3
830	High-Throughput Genetic Screening of 51 Pediatric Cataract Genes Identifies Causative Mutations in Inherited Pediatric Cataract in South Eastern Australia. <b>2017</b> , 7, 3257-3268	13
829	DNA extraction efficiency from soil as affected by pyrolysis temperature and extractable organic carbon of high-ash biochar. <b>2017</b> , 115, 129-136	18
828	A quantitative-PCR based method to estimate ranavirus viral load following normalisation by reference to an ultraconserved vertebrate target. <b>2017</b> , 249, 147-155	27
827	SETD6 dominant negative mutation in familial colorectal cancer type X. <b>2017</b> , 26, 4481-4493	19
826	Sockeye salmon immunoglobulin V usage and pathogen loads differ between spawning sites. <b>2017</b> , 77, 297-306	7
825	Phylogenetic Conflict in Bears Identified by Automated Discovery of Transposable Element Insertions in Low-Coverage Genomes. <b>2017</b> , 9, 2862-2878	9
824	Phenotype Characteristics of Patients With Age-Related Macular Degeneration Carrying a Rare Variant in the Complement Factor H Gene. <b>2017</b> , 135, 1037-1044	12
823	Development of transcriptome based web genomic resources of yellow mosaic disease in. <b>2017</b> , 23, 767-777	7
822	PTML Model for Proteome Mining of B-Cell Epitopes and Theoretical-Experimental Study of Bm86 Protein Sequences from Colima, Mexico. <b>2017</b> , 16, 4093-4103	30
821	Reproductive interference and fecundity affect competitive interactions of sibling species with low mating barriers: experimental and theoretical evidence. <b>2017</b> , 119, 438-446	1
820	Transcriptome changes in <i>Arabidopsis thaliana</i> infected with <i>Pseudomonas syringae</i> during drought recovery. <b>2017</b> , 7, 9124	8
819	α7 nicotinic acetylcholine receptor signaling modulates the inflammatory phenotype of fetal brain microglia: first evidence of interference by iron homeostasis. <b>2017</b> , 7, 10645	16
818	The effect of melatonin from slow-release implants on basic and TLR-4-mediated gene expression of inflammatory cytokines and their receptors in the choroid plexus in ewes. <b>2017</b> , 113, 50-55	9
817	A novel multiplex polymerase chain reaction assay for detection of both HLA-A*31:01/HLA-B*15:02 alleles, which confer susceptibility to carbamazepine-induced severe cutaneous adverse reactions. <b>2017</b> , 90, 335-342	10
816	Angiotensin II type 1a receptor-deficient mice develop angiotensin II-induced oxidative stress and DNA damage without blood pressure increase. <b>2017</b> , 313, F1264-F1273	8
815	An ant-plant mutualism through the lens of cGMP-dependent kinase genes. <b>2017</b> , 284,	7

814	Enabling the democratization of the genomics revolution with a fully integrated web-based bioinformatics platform. <i>Nucleic Acids Research</i> , <b>2017</b> , 45, 67-80	20.1	95
813	Differential gene expression and SNP association between fast- and slow-growing turbot ( <i>Scophthalmus maximus</i> ). <b>2017</b> , 7, 12105		10
812	Acclimation to prolonged hypoxia alters hemoglobin isoform expression and increases hemoglobin oxygen affinity and aerobic performance in a marine fish. <b>2017</b> , 7, 7834		21
811	YebC, a putative transcriptional factor involved in the regulation of the proteolytic system of <i>Lactobacillus</i> . <b>2017</b> , 7, 8579		14
810	<i>Staphylococcus epidermidis</i> is largely dependent on iron availability to form biofilms. <b>2017</b> , 307, 552-563		18
809	Triplex High-Resolution Melting Assay for the Simultaneous Assessment of IFNL3 rs12979860, ABCB11 rs2287622, and RNF7 rs16851720 Genotypes in Chronic Hepatitis C Patients. <b>2017</b> , 19, 857-869		4
808	Unravelling a stearidonic acid-rich triacylglycerol biosynthetic pathway in the developing seeds of <i>Buglossoides arvensis</i> : A transcriptomic landscape. <b>2017</b> , 7, 10473		8
807	Resolving the complexity of vitellogenins and their receptors in the tetraploid Atlantic salmon ( <i>Salmo salar</i> ): Ancient origin of the phosphatidylcholine-less VtgC in chondrichthyan fishes. <b>2017</b> , 84, 1191-1202		6
806	First record of <i>Gongylonema nepalensis</i> in domestic and wild ruminants in Europe. <b>2017</b> , 246, 11-18		9
805	Analyses of Mitogenome Sequences Revealed that Asian Citrus Psyllids ( <i>Diaphorina citri</i> ) from California Were Related to Those from Florida. <b>2017</b> , 7, 10154		8
804	A mutation in the melon Vacuolar Protein Sorting 41 prevents systemic infection of Cucumber mosaic virus. <b>2017</b> , 7, 10471		25
803	Development of EST-SSR markers for (Loranthaceae) in southwestern China using next-generation sequencing. <b>2017</b> , 5, 1700010		6
802	Long-range PCR allows sequencing of mitochondrial genomes from environmental DNA. <b>2017</b> , 8, 1888-1898		57
801	The complete mitochondrial genome of the Critically Endangered Angelshark,. <b>2017</b> , 2, 212-213		2
800	Ki-67 Contributes to Normal Cell Cycle Progression and Inactive X Heterochromatin in p21 Checkpoint-Proficient Human Cells. <b>2017</b> , 37,		37
799	The genomic and transcriptomic analyses of serine proteases and their homologs in an endoparasitoid, <i>Pteromalus puparum</i> . <b>2017</b> , 77, 56-68		15
798	Anatomical and functional implications of corticotrophin-releasing hormone neurones in a septal nucleus of the avian brain: an emphasis on glial-neuronal interaction via V1a receptors in vitro. <b>2017</b> , 29,		11
797	Development of HLA-B*57:01 Genotyping Real-Time PCR with Optimized Hydrolysis Probe Design. <b>2017</b> , 19, 742-754		4

796	Rapid mapping and cloning of the virescent-1 gene in cotton by bulked segregant analysis-next generation sequencing and virus-induced gene silencing strategies. <b>2017</b> , 68, 4125-4135	31
795	Mapping of Wnt-Frizzled interactions by multiplex CRISPR targeting of receptor gene families. <b>2017</b> , 31, 4832-4844	61
794	Identification and expression analysis of fetuin B (FETUB) in turbot ( <i>Scophthalmus maximus</i> L.) mucosal barriers following bacterial challenge. <b>2017</b> , 68, 386-394	12
793	Accumulation of Charantin and Expression of Triterpenoid Biosynthesis Genes in Bitter Melon ( <i>Momordica charantia</i> ). <b>2017</b> , 65, 7240-7249	12
792	Development of polymorphic microsatellite loci for the design of management and conservation strategies of the critically endangered Barrens topminnow ( <i>Fundulus julisia</i> , Williams & Etnier, 1982). <b>2017</b> , 33, 797-800	1
791	Contrasting patterns of X-chromosome divergence underlie multiple sex-ratio polymorphisms in stalk-eyed flies. <b>2017</b> , 30, 1772-1784	9
790	Conventional PCR. <b>2017</b> , 163-203	1
789	Resveratrol prevents the combined maternal plus postweaning high-fat-diets-induced hypertension in male offspring. <b>2017</b> , 48, 120-127	37
788	The Point Mutation G461S in the MFCYP51 Gene is Associated with Tebuconazole Resistance in <i>Monilinia fructicola</i> Populations in Brazil. <b>2017</b> , 107, 1507-1514	26
787	Using whole-exome sequencing to investigate the genetic bases of lysosomal storage diseases of unknown etiology. <b>2017</b> , 38, 1491-1499	3
786	A large set of microsatellites for the highly invasive earthworm <i>Amyntas corticis</i> predicted from low coverage genomes. <b>2017</b> , 119, 152-155	9
785	Anti-obesogenic effects of WY14643 (PPAR-alpha agonist): Hepatic mitochondrial enhancement and suppressed lipogenic pathway in diet-induced obese mice. <b>2017</b> , 140, 106-116	32
784	Effectiveness of the DNA barcoding approach for closely related conifers discrimination: A case study of the <i>Pinus mugo</i> complex. <b>2017</b> , 340, 339-348	15
783	Development of Insertion and Deletion Markers for Bottle Gourd Based on Restriction Site-associated DNA Sequencing Data. <b>2017</b> , 3, 13-16	4
782	Pancreatic PYY but not PPY expression is responsive to short-term nutritional state and the pancreas constitutes the major site of PYY mRNA expression in chickens. <b>2017</b> , 252, 226-235	10
781	Dual RNA-Seq of <i>Lysobacter capsici</i> AZ78 - <i>Phytophthora infestans</i> interaction shows the implementation of attack strategies by the bacterium and unsuccessful oomycete defense responses. <b>2017</b> , 19, 4113-4125	22
780	MED resulting from recessively inherited mutations in the gene encoding calcium-activated nucleotidase CANT1. <b>2017</b> , 173, 2415-2421	14
779	Rates and relations of mitochondrial genome evolution across the Echinoidea, with special focus on the superfamily Odontophora. <b>2017</b> , 7, 4543-4551	4

778	Divergence among generalist herbivores: the <i>Frankliniella schultzei</i> species complex in Australia (Thysanoptera: Thripidae). <b>2017</b> , 11, 875-887	15
777	In vitro study on the regulation of cellular mRNA levels by changes in transcription rate and transcript stability in fish red blood cells. <b>2017</b> , 213, 35-44	6
776	Evidence for both long-distance dispersal and isolation in the Southern Oceans: molecular phylogeny of <i>Sophora</i> sect <i>Edwardsia</i> (Fabaceae). <b>2017</b> , 55, 334-346	16
775	Rapid Detection of <i>Bacillus anthracis</i> Bloodstream Infections by Use of a Novel Assay in the GeneXpert System. <b>2017</b> , 55, 2964-2971	8
774	Whole-Genome Sequencing and Concordance Between Antimicrobial Susceptibility Genotypes and Phenotypes of Bacterial Isolates Associated with Bovine Respiratory Disease. <b>2017</b> , 7, 3059-3071	11
773	Complete chloroplast genome sequencing of vetiver grass ( <i>Chrysopogon zizanioides</i> ) identifies markers that distinguish the non-fertile Sunshine cultivar from other accessions. <b>2017</b> , 108, 629-635	10
772	Functional characterization of Aquaporin-like genes in the human bed bug <i>Cimex lectularius</i> . <b>2017</b> , 7, 3214	11
771	Molecular Phylogenies indicate a Paleo-Tibetan Origin of Himalayan Lazy Toads ( <i>Scutigera</i> ). <b>2017</b> , 7, 3308	13
770	Pathogen recognition in compatible plant-microbe interactions. <b>2017</b> , 7, 6383	21
769	Virus and dsRNA-triggered transcriptional responses reveal key components of honey bee antiviral defense. <b>2017</b> , 7, 6448	54
768	Aggregated transthyretin is specifically packaged into placental nano-vesicles in preeclampsia. <b>2017</b> , 7, 6694	28
767	Single vector non-leaky gene expression system for <i>Drosophila melanogaster</i> . <b>2017</b> , 7, 6899	8
766	Characterization of natural variation in North American Atlantic Salmon populations (Salmonidae:) at a locus with a major effect on sea age. <b>2017</b> , 7, 5797-5807	19
765	Inheritance and a major quantitative trait locus of seed starch content in mungbean ( <i>Vigna radiata</i> (L.) Wilczek). <b>2017</b> , 213, 1	3
764	Construction of a genetic linkage map based on RAPD, AFLP, and SSR markers for tea plant ( <i>Camellia sinensis</i> ). <b>2017</b> , 213, 1	10
763	De novo RNA sequencing and analysis of the transcriptome of signalgrass ( <i>Urochloa decumbens</i> ) roots exposed to aluminum. <b>2017</b> , 83, 157-170	9
762	Maternal administration of melatonin exerts short- and long-term neuroprotective effects on the offspring from lipopolysaccharide-treated mice. <b>2017</b> , 63, e12439	23
761	Insulin/IGF Signaling and Life History Traits in Response to Food Availability and Perceived Density in the Cnidarian <i>Hydra vulgaris</i> . <b>2017</b> , 34, 318-325	

760	Design, optimisation and preliminary validation of a human specific loop-mediated amplification assay for the rapid detection of human DNA at forensic crime scenes. <b>2017</b> , 57, 409-414	4
759	Development of direct assays for <i>Toxoplasma gondii</i> and its use in genomic DNA sample. <b>2017</b> , 145, 838-844	5
758	Molecular identification of the cytoplasmic male sterile source from Dongxiang wild rice ( <i>Oryza rufipogon</i> Griff.). <b>2017</b> , 16, 1669-1675	2
757	The First Reported Case of Meckel-Gruber Syndrome Associated With Abnormal Karyotype Mosaic Trisomy 17. <b>2017</b> , 20, 449-454	4
756	Y-Chromosome Markers for the Red Fox. <b>2017</b> , 108, 678-685	8
755	Development of CYP21A2 Genotyping Assay for the Diagnosis of Congenital Adrenal Hyperplasia. <b>2017</b> , 21, 663-675	9
754	Identification of genic SSRs in jute ( <i>Corchorus capsularis</i> , Malvaceae) and development of markers for phenylpropanoid biosynthesis genes and regulatory genes. <b>2017</b> , 136, 784-797	9
753	Image_3.jpg. <b>2020</b> ,	
752	Image_4.jpg. <b>2020</b> ,	
751	Table_1.xlsx. <b>2020</b> ,	
750	Table_2.xlsx. <b>2020</b> ,	
749	Table_4.xlsx. <b>2020</b> ,	
748	Table_5.xlsx. <b>2020</b> ,	
747	DataSheet_1.pdf. <b>2019</b> ,	
746	Image_1.JPEG. <b>2019</b> ,	
745	Table_1.xlsx. <b>2019</b> ,	
744	Table_1.xlsx. <b>2020</b> ,	
743	Table_2.xlsx. <b>2020</b> ,	

742 Table\_3.xlsx. 2020,

741 Table\_1.xlsx. 2019,

740 Table\_2.XLSX. 2019,

739 Image\_1.JPEG. 2020,

738 Image\_2.JPEG. 2020,

737 Table\_1.XLSX. 2020,

736 Table\_2.DOCX. 2020,

735 Data\_Sheet\_1.XLSX. 2020,

734 Data\_Sheet\_2.docx. 2020,

733 Table\_1.DOCX. 2020,

732 DataSheet\_1.xlsx. 2020,

731 Image\_1.pdf. 2020,

730 DataSheet1.zip. 2018,

729 DataSheet2.csv. 2018,

728 DataSheet3.csv. 2018,

727 DataSheet4.csv. 2018,

726 DataSheet5.csv. 2018,

725 DataSheet6.csv. 2018,

724 DataSheet7.csv. **2018,**

723 DataSheet8.csv. **2018,**

722 Image1.jpg. **2018,**

721 Table1.xlsx. **2018,**

720 Table2.xlsx. **2018,**

719 Table3.xlsx. **2018,**

718 Table4.xlsx. **2018,**

717 Data\_Sheet\_1.pdf. **2020,**

716 Video\_1.MP4. **2020,**

715 Video\_2.MP4. **2020,**

714 Methods for Delivery of dsRNAs for Agricultural Pest Control: The Case of Lepidopteran Pests. **2022,** 2360, 317-345 ○

713 He-Ne Laser Enhances Seed Germination and Salt Acclimation in *Salvia officinalis* Seedlings in a Manner Dependent on Phytochrome and HO.. **2022,** 1 ○

712 Evidence of coevolution between lineages and their corresponding hosts, lodgepole pine and jack pine.. **2022,**

711 Exploiting induced vulnerability to overcome PARPi resistance and clonal heterogeneity in BRCA mutant triple-negative inflammatory breast cancer.. **2022,** 12, 337-354

710 Foliar Pulverization of *Tetraclinis Articulata* Essential Oil Induces Antioxidant Status and Defense Genes Expression in Tomato Plants Against *Botrytis Cinerea* Infection.

709 Development of polymorphic SSR markers and their applicability in genetic diversity evaluation in *Euptelea pleiosperma*. **2022,** 1-7 ○

708 OUP accepted manuscript. *Nucleic Acids Research,*

20.1

707 Development and Characterization of Microsatellite Loci in the Endangered Catspaw, *Epioblasma Obliquata* (Bivalvia:Unionidae). **2022,** 25,

- 706 Human Pluripotent Stem Cell-Derived Medium Spiny Neuron-like Cells Exhibit Gene Desensitization.. **2022**, 11,
- 705 Two male patients from an extended seven generation Turkish family diagnosed with Renpenning syndrome: identifying the causative mutation and review of the literature.
- 704 SSR2Marker: an integrated pipeline for identification of SSR markers within any two given genome-scale sequences. **2022**, 2, 0
- 703 ABA-induced SA accumulation causes higher susceptibility in *B. juncea* as compared to tolerant genotypes against *A. brassicae*. 1
- 702 Novel CRISPR-based detection of *Leishmania* species. 0
- 701 Development of microsatellite markers for the Japanese orange fly, *Bactrocera tsuneonis* (Diptera: Tephritidae). 1
- 700 Transcriptome Analysis Reveals the Molecular Response to Salinity Challenge in Larvae of the Giant Freshwater Prawn .. **2022**, 13, 885035
- 699 Receptor-like kinases FER and SRK mediate *Lotus japonicus* freezing tolerance and climate adaptation.
- 698 Mechanisms of Isothiocyanate Detoxification in Larvae of Two Belowground Herbivores, and (Diptera: Anthomyiidae).. **2022**, 13, 874527 1
- 697 The Role of ATF3 in Neuronal Differentiation and Development of Neuronal Networks in Opossum Postnatal Cortical Cultures.. **2022**, 23, 3
- 696 Research Article Genetic sex test for the short-beaked echidna (*Tachyglossus aculeatus*). 1
- 695 Structural variants in the barley gene pool: precision and sensitivity to detect them using short-read sequencing and their association with gene expression and phenotypic variation. 0
- 694 Effects of Salt Stress on Transcriptional and Physiological Responses in Barley Leaves with Contrasting Salt Tolerance.. **2022**, 23, 0
- 693 Bacteriocin-Like Inhibitory Substances in Staphylococci of Different Origins and Species With Activity Against Relevant Pathogens.. **2022**, 13, 870510 0
- 692 A new red algal crust from New Zealand: *Apophlaea darchinoae* sp. nov. (Hildenbrandiales). 1-14
- 691 A Comparative Analysis of the Chloroplast Genomes of Four Medicinal Plants.. **2022**, 13, 764534 3
- 690 Characterization of sulfated polysaccharide activity against virulent *Plasmodium falciparum* PHISTb/RLP1 protein. 9, 1268
- 689 Differential expression of an endogenous retroviral element [HERV-K(HML-6)] is associated with reduced survival in glioblastoma patients.. **2022**, 12, 6902 2



- 688 Chemical and Molecular Characterization of Wound-Induced Suberization in Poplar (L) Stem Bark.. **2022**, 11,
- 687 PEAPOD repressors modulate and coordinate developmental responses to light intensity in Arabidopsis.. **2022**, 1
- 686 LincRNA#1 knockout alone does not affect polled phenotype in cattle heterozygous for the celtic POLLED allele.. **2022**, 12, 7627 0
- 685 Development and validation of high-resolution melting assays for the detection of potentially virulent strains of Escherichia coli O103 and O121. **2022**, 109095 0
- 684 Wastewater reuse for tree irrigation: Influence on rhizosphere microbial communities. **2022**, 100063 0
- 683 A quantitative eDNA-based method to monitor fish spawning in lakes: application to European perch and whitefish.
- 682 TBK1 Mediates Innate Antiviral Immune Response against Duck Enteritis Virus. **2022**, 14, 1008 0
- 681 Nucleotide substitutions in the mexR, nalC and nalD regulator genes of the MexAB-OprM efflux pump are maintained in Pseudomonas aeruginosa genetic lineages.. **2022**, 17, e0266742 2
- 680 Downregulation of ten-eleven translocation-2 triggers epithelial differentiation during organogenesis.. **2022**, 125, 45-53 2
- 679 Phasing of de novo mutations using a scaled-up multiple amplicon long-read sequencing approach.
- 678 PanCircBase: An online resource for the exploration of circular RNAs in pancreatic islets.
- 677 Identification of Candidate Genes Associated With Tolerance to Apple Replant Disease by Genome-Wide Transcriptome Analysis. **2022**, 13, 1
- 676 Dietary lipids as modulators of fatty acid profile and gene expression patterns on body compartments of Octopus vulgaris paralarvae. **2022**, 556, 738293
- 675 Changes in gonadotropin-releasing hormone in the cerebral ganglion of the Manila clam Ruditapes philippinarum during gonadal development.. **2022**, 111228
- 674 First report on delineation of differentially expressed genes and pathways in milk somatic cells of mastitic and healthy Murrah buffaloes.. **2022**, 831, 146575 0
- 673 Combined metabolic and target-site resistance mechanisms confer fipronil and deltamethrin resistance in field-collected German cockroaches (Blattodea: Ectobiidae). **2022**, 105123 0
- 672 Identification, High-Density Mapping, and Characterization of New Major Powdery Mildew Resistance Loci From the Emmer Wheat Landrace GZ1. **2022**, 13,
- 671 Bacterial endophytes from Chukrasia tabularis can antagonize Hypsipyla robusta larvae. 0

- 670 PlasmidMaker is a versatile, automated, and high throughput end-to-end platform for plasmid construction.. **2022**, 13, 2697 ○
- 669 Foliar application of clay-delivered RNA interference for whitefly control.. **2022**, 4
- 668 Characterization and microsatellite marker development for a common bark and ambrosia beetle associate, *Geosmithia obscura*. **2022**, 11, ○
- 667 A successful defense of the narrow-leafed lupin against anthracnose involves quick and orchestrated reprogramming of oxidation-reduction, photosynthesis and pathogenesis-related genes.. **2022**, 12, 8164
- 666 An updated subtribal classification of Compositae tribe Anthemideae based on extended phylogenetic reconstructions. **2022**, 52, ○
- 665 Development of transcriptomics-based growth rate indices in two model eukaryotes and relevance to metatranscriptomic datasets.
- 664 Morphological and Molecular Investigations on Squids of the Genera *Uroteuthis* and *Loliolus* from the Indian Coast to Resolve Taxonomic Ambiguities. **2022**, 64,
- 663 The Mitogenome Relationships and Phylogeography of Barn Swallows (*Hirundo rustica*). ○
- 662 Identification of DNAH17 Variants in Han-Chinese Patients With Left-Right Asymmetry Disorders. **2022**, 13, ○
- 661 A Novel Mutator-Like Transposable Elements With Unusual Structure and Recent Transpositions in Barley (*Hordeum vulgare*). **2022**, 13,
- 660 Differential Transmission of Old and New World Begomoviruses by Middle East-Asia Minor 1 (MEAM1) and Mediterranean (MED) Cryptic Species of *Bemisia tabaci*. **2022**, 14, 1104 3
- 659 Delay of Feed Post-Hatch Causes Changes in Expression of Immune-Related Genes and Their Correlation with Components of Gut Microbiota, but Does Not Affect Protein Expression. **2022**, 12, 1316
- 658 Genome assembly and analysis of the flavonoid and phenylpropanoid biosynthetic pathways in Fingerroot ginger (*Boesenbergia rotunda*).
- 657 Rho-GTPase dependent leukocyte interaction generates pro-inflammatory thymic Tregs and causes arthritis. **2022**, 130, 102843 ○
- 656 A qualitative RT-PCR assay for the specific identification of the SARS-CoV-2 B.1.1.529 (Omicron) Variant of Concern. **2022**, 152, 105191 2
- 655 An exceptional biallelic N-terminal frame shift mutation in *ZMPSTE24* leads to non-lethal progeria due to possible utilization of a downstream alternative start codon. **2022**, 833, 146582
- 654 Effects of modified clay on the formation of *Phaeocystis globosa* colony revealed by physiological and transcriptomic analyses. **2022**, 838, 155985 ○
- 653 Genetic Diversity Analysis of *Sapindus* in China and Extraction of a Core Germplasm Collection Using EST-SSR Markers. **2022**, 13, ○

- 652 Vaccines Using *Clostridium perfringens* Sporulation Proteins Reduce Necrotic Enteritis in Chickens. **2022**, 10, 1110
- 651 Methylendioxy Piperamide-Derived Compound D5 Regulates Inflammatory Cytokine Secretion in a Culture of Human Glial Cells. **2022**, 27, 3527 0
- 650 Mutational effects of chronic gamma radiation throughout the life cycle of *Arabidopsis thaliana*: Insight into radiosensitivity in the reproductive stage. **2022**, 156224
- 649 Phylogeny and Expression Atlas of the NITRATE TRANSPORTER 1/PEPTIDE TRANSPORTER FAMILY in Agave. **2022**, 11, 1434 1
- 648 Alternate Day Fasting Improves Endothelial Function in Type 2 Diabetic Mice: Role of Adipose-Derived Hormones. **2022**, 9, 0
- 647 Rapid Genome-Wide Location-Specific Polymorphic SSR Marker Discovery in Black Pepper by GBS Approach. **2022**, 13, 0
- 646 Cyclic di-GMP Regulates the Type III Secretion System and Virulence in *Bordetella bronchiseptica*. 0
- 645 The Auxin-Response Repressor IAA30 Is Down-Regulated in Reproductive Tissues of Apomictic *Paspalum notatum*. **2022**, 11, 1472
- 644 Array Comparative Genomic Hybridisation and Droplet Digital PCR Uncover Recurrent Copy Number Variation of the TTN Segmental Duplication Region. **2022**, 13, 905
- 643 The development of 3D bovine intestinal organoid derived models to investigate *Mycobacterium avium ssp paratuberculosis* pathogenesis. 0
- 642 DNA Methylation of Imprinted Genes KCNQ1, KCNQ1OT1, and PHLDA2 in Peripheral Blood Is Associated with the Risk of Breast Cancer. **2022**, 14, 2652 0
- 641 Antimicrobial peptide expression in the cockroach gut during enterobacterial infection is specific and influenced by type III secretion. **2022**, 11, 0
- 640 Experimental method for haplotype phasing across the entire length of chromosome 21 in trisomy 21 cells using a chromosome elimination technique.
- 639 Evolutionary and Regulatory Pattern Analysis of Soybean Ca<sup>2+</sup> ATPases for Abiotic Stress Tolerance. **2022**, 13, 1 1
- 638 Development and Characterization of 20 Genomic SSR Markers for Ornamental Cultivars of *Weigela*. **2022**, 11, 1444
- 637 The DendrisCHIP<sup>®</sup> Technology as a New, Rapid and Reliable Molecular Method for the Diagnosis of Osteoarticular Infections. **2022**, 12, 1353 0
- 636 Sequencing of laser captured Z and W chromosomes of the tocoantins paradoxical frog (*Pseudis tocoantins*) provides insights on repeatome and chromosomal homology. 1
- 635 The Minichromosome Maintenance Complex Component 2 (MjMCM2) of *Meloidogyne javanica* is a potential effector regulating the cell cycle in nematode-induced galls. **2022**, 12,

- 634 Mechanisms of improved erythroid progenitor growth with removal of chronic stress after trauma. **2022**, 0
- 633 Intradiol ring cleavage dioxygenases from herbivorous spider mites as a new detoxification enzyme family in animals. **2022**, 20, 1
- 632 RNA-Seq Analysis of Developing Grains of Wheat to Intrigue Into the Complex Molecular Mechanism of the Heat Stress Response. **2022**, 13, 0
- 631 Case Report: A New Family With Pontocerebellar Hypoplasia 10 From Sudan. 13,
- 630 Characterization of sucrose binding protein as a seed-specific promoter in transgenic tobacco *Nicotiana tabacum* L.. **2022**, 17, e0268036
- 629 2?-Fucosyllactose Increases the Abundance of *Blautia* in the Presence of Extracellular Fucosidase-Possessing Bacteria. **2022**, 13, 1
- 628 Identification of conserved regions from 230,163 SARS-CoV-2 genomes and their use in diagnostic PCR primer design.
- 627 Tenofovir disoproxil fumarate-mediated  $\beta$ globin induction is correlated with the suppression of trans-acting factors in CD34+ progenitor cells: A role in the reactivation of fetal hemoglobin. **2022**, 927, 175036
- 626 Overexpression of long intergenic noncoding RNAs in bladder cancer: A new insight to cancer diagnosis. **2022**, 235, 153961 0
- 625 Using CRISPR-Cas9 to Dissect Cancer Mutations in Cell Lines. **2022**, 235-260
- 624 Designing Overlap Extension PCR Primers for Protein Mutagenesis: A Programmatic Approach. **2022**, 1-7
- 623 CRISPR/Cas9 Genome Editing in the New World Screwworm and Australian Sheep Blowfly. **2022**, 173-201 0
- 622 Population genetics and demography of the coral-killing cyanobacteriosponge, *Terpios hoshinota*, in the Indo-West Pacific. 10, e13451 0
- 621 No evidence of DUI in the Mediterranean alien species *Brachidontes pharaonis* (P. Fisher, 1870) despite mitochondrial heteroplasmy. **2022**, 12, 2
- 620 Fine mapping of Rf2, a minor Restorer-of-fertility (Rf) gene for cytoplasmic male sterility in chili pepper G164 (*Capsicum annuum* L.). 0
- 619 Characterization of metal(loid)s and antibiotic resistance in bacteria of human gut microbiota from chronic kidney disease subjects. **2022**, 55, 0
- 618 Characterization of two conserved cell death elicitor families from the Dothideomycete fungal pathogens *Dothistroma septosporum* and *Fulvia fulva* (syn. *Cladosporium fulvum*). 0
- 617 Synergistic anti-proliferative activity of JQ1 and GSK2801 in triple-negative breast cancer. **2022**, 22, 2

616	Use of traC Gene to Type the Incidence and Distribution of pXFAS_5235 Plasmid-Bearing Strains of <i>Xylella fastidiosa</i> subsp. <i>fastidiosa</i> ST1 in Spain. <b>2022</b> , 11, 1562	0
615	Somatic retrotransposition in the developing rhesus macaque brain. gr.276451.121	
614	Invading viral DNA triggers dsRNA synthesis by RNA polymerase II to activate antiviral RNA interference in <i>Drosophila</i> . <b>2022</b> , 39, 110976	1
613	Identification of a cis -sex chromosome transition in banded geckos ( <i>Coleonyx</i> , <i>Eublepharidae</i> , <i>Gekkota</i> ).	1
612	Genomic Insights of <i>Enterococcus faecium</i> UC7251, a Multi-Drug Resistant Strain From Ready-to-Eat Food, Highlight the Risk of Antimicrobial Resistance in the Food Chain. 13,	1
611	Identification and functional evaluation of GRIA1 missense and truncation variants in individuals with ID: An emerging neurodevelopmental syndrome. <b>2022</b> ,	0
610	Phylogenetic and morphological characteristics of <i>Uromycladium falcatariae</i> , the fungal pathogen that causes gall rust epidemics of <i>Falcataria moluccana</i> in Indonesia.	
609	Sequence diversity and differences at the highly duplicated MHC-I gene reflect viral susceptibility in sympatric pinniped species.	
608	Metabolic consequences of PGC-1 $\beta$ dysregulation in adult zebrafish muscle.	
607	The Landscape of Genome-Wide and Gender-Specific Microsatellites in Indo-Pacific Humpback Dolphin and Potential Applications in Cetacean Resource Investigation. <b>2022</b> , 10, 834	0
606	Indoleamine 2,3-dioxygenase 1 activation in mature cDC1 promotes tolerogenic education of inflammatory cDC2 via metabolic communication. <b>2022</b> , 55, 1032-1050.e14	5
605	Transcriptome data mining towards characterization of single nucleotide polymorphisms (SNPs) controlling salinity tolerance in bread wheat. <b>2022</b> , 36, 389-400	1
604	First Evidence of Past and Present Interactions between Viruses and the Black Soldier Fly, <i>Hermetia illucens</i> . <b>2022</b> , 14, 1274	1
603	Integrated bioinformatics, modelling, and gene expression analysis of the putative pentose transporter from <i>Candida tropicalis</i> during xylose fermentation with and without glucose addition.	
602	Development of a Singleplex Real-Time Reverse Transcriptase PCR Assay for Pan-Dengue Virus Detection and Quantification. <b>2022</b> , 14, 1271	0
601	Genome-wide identification and expression analysis of the R2R3-MYB gene family in tobacco ( <i>Nicotiana tabacum</i> L.). <b>2022</b> , 23,	0
600	Ebony underpins Batesian mimicry in an insect melanic polymorphism.	0
599	Resistance to dicyclanil and imidacloprid in the sheep blowfly, <i>Lucilia cuprina</i> , in Australia.	0

- 598 Bridging a diagnostic Kawasaki disease classifier from a microarray platform to a qRT-PCR assay.
- 597 Clarifying Taxonomic Boundaries in *Nuphar sagittifolia* (Nymphaeaceae): Insights from Morphology and Population Genetic Diversity. **2022**, 87,
- 596 The Role of Insulin-like Growth Factor-Axis and Mitotic Index in South Indian Neonates with Small for Gestational Age. 1-11
- 595 Reference-aided full-length transcript assembly, cDNA cloning, and molecular characterization of coronatine-insensitive 1b (CO1b) gene in coconut (*Cocos nucifera* L.).
- 594 Confirmation of a Phenotypic Entity for TSPEAR Variants in Egyptian Ectodermal Dysplasia Patients and Role of Ethnicity. **2022**, 13, 1056
- 593 Variation in the Number and Position of rDNA Loci Contributes to the Diversification and Speciation in *Nigella* (Ranunculaceae). 13, ○
- 592 Comparative transcriptome analysis reveals a rapid response to phosphorus deficiency in a phosphorus-efficient rice genotype. **2022**, 12, ○
- 591 Identification of Candidate Genes for a Major Quantitative Disease Resistance Locus From Soybean PI 427105B for Resistance to *Phytophthora sojae*. 13, ○
- 590 Genetic polymorphism in the mitochondrial D-loop of Oriental White-backed Vultures (*Gyps bengalensis*). **2022**, 30, 135-145
- 589 Genetic Variation and Conservation Implications in Pennsylvania for the Rare and Imperiled Buffalo Nut (*Cervantesiaceae*; *Pyrularia pubera* Michaux). **2022**, 87,
- 588 MENDEL: PCR Primer Design as Constrained Optimization Process.
- 587 Dominant toxin hypothesis: unravelling the venom phenotype across micro and macroevolution. ○
- 586 Neurogranin and Neurofilament Light Chain as Preclinical Biomarkers in Scrapie. **2022**, 23, 7182 ○
- 585 Point mutations that boost aromatic amino acid production and CO<sub>2</sub> assimilation in plants. **2022**, 8, ○
- 584 Long-read-based draft genome sequence of Indian black gram IPU-94-1 Uttara Insights into disease resistance and seed storage protein genes. ○
- 583 Genome Assembly and Analysis of the Flavonoid and Phenylpropanoid Biosynthetic Pathways in Fingerroot Ginger (*Boesenbergia rotunda*). **2022**, 23, 7269
- 582 A multi-platform reference for somatic structural variation detection. **2022**, 2, 100139 1
- 581 The ribosome inhibitor chloramphenicol induces motility deficits in human spermatozoa: a proteomic approach identifies potentially involved proteins.

- 580 Dimethylmonothioarsenate Is Highly Toxic for Plants and Readily Translocated to Shoots. **2022**, 56, 10072-10083
- 579 Long term survival of *Dehalococcoides mccartyi* strains in mixed cultures under electron acceptor and ammonium limitation.
- 578 Evolutionary History of Sexual Differentiation Mechanism in Insects. **2022**, 39, 1
- 577 A salivary factor binds a cuticular protein and modulates biting by inducing morphological changes in the mosquito labrum. **2022**, 0
- 576 3'RNA and whole-genome sequencing of archival uterine leiomyomas reveal a tumor subtype with chromosomal rearrangements affecting either HMGA2, HMGA1, or PLAG1.
- 575 Genetic diversity and population structure in wild seabuckthorn (*Hippophae salicifolia* D. Don) growing in the Uttarakhand region of the Indian Himalayas.
- 574 Transcriptome Analysis of Soursop (*Annona muricata* L.) Fruit under Postharvest Storage Identifies Genes Families Involved in Ripening. **2022**, 11, 1798 0
- 573 Feeding desensitizes A1 adenosine receptors in adipose through FOXO1-mediated transcriptional regulation. **2022**, 101543 1
- 572 *Broussonetia thajiana* (Moraceae) microsatellite markers for species and ploidy determination developed using next-generation sequencing.
- 571 Association of voltage-gated sodium channel mutations with field-evolved pyrethroid resistant phenotypes in soybean aphid and genetic markers for their detection. **2022**, 12, 2
- 570 Long-Amplicon Single-Molecule Sequencing Reveals Novel, Trait-Associated Variants of VERNALIZATION1 Homoeologs in Hexaploid Wheat. 13, 0
- 569 Comparative transcriptome analysis of synthetic and common wheat in response to salt stress. **2022**, 12, 2
- 568 Transcriptome Sequencing of *Agave angustifolia* Reveals Conservation and Diversification in the Expression of Cinnamyl Alcohol Dehydrogenase Genes in *Agave* Species. **2022**, 12, 1003 0
- 567 Detection of nonpregnant cows and potential embryo losses by color Doppler ultrasound and interferon-stimulated gene expression in grazing dairy cows. **2022**, 0
- 566 Development of Microsatellite Markers for *Tanacetum cinerariifolium* (Trevis.) Sch. Bip., a Plant with a Large and Highly Repetitive Genome. **2022**, 11, 1778
- 565 Synthetic regulatory reconstitution reveals principles of mammalian Hox cluster regulation. **2022**, 377, 0
- 564 Characterization of the complete chloroplast genome sequences of six *Dalbergia* species and its comparative analysis in the subfamily of Papilionoideae (Fabaceae). 10, e13570 0
- 563 Genome-wide transcriptomic changes reveal the genetic pathways involved in insect migration. 0

- 562 Pollen competition in hybridising *Cakile* species: how does a latecomer win the race? 0
- 561 Differentiation between *Botryosphaeria dothidea* and *Neofusicoccum* spp. based on a single nucleotide polymorphism in the ITS region. **2022**, 15, 49-56
- 560 Evaluation of chloroplast DNA barcoding markers to individualize *Papaver somniferum* for forensic intelligence purposes.
- 559 In-depth study of tomato and weed viromes reveals undiscovered plant virus diversity in an agroecosystem. 0
- 558 The interplay of collagen/bioactive glass nanoparticle coatings and electrical stimulation regimes distinctly enhanced osteogenic differentiation of human mesenchymal stem cells. **2022**, 2
- 557 Construction and characterization of microsatellite markers for the Neptune whelk, *Neptunea cumingii*. 0
- 556 eDNAssay : A machine learning tool that accurately predicts qPCR cross-amplification. 0
- 555 Accurate age estimation from blood samples of Han Chinese individuals using eight high-performance age-related CpG sites. 0
- 554 Fungicide resistance and host influence on population structure in *Botrytis* spp. from specialty crops in California.
- 553 Partial masculinization of *Aedes aegypti* females by conditional expression of Nix. **2022**, 16, e0010598 0
- 552 Alzheimer's Disease Blood Biomarkers Associated With Neuroinflammation as Therapeutic Targets for Early Personalized Intervention. 4,
- 551 The Development of 3D Bovine Intestinal Organoid Derived Models to Investigate *Mycobacterium Avium* ssp *Paratuberculosis* Pathogenesis. 9, 1
- 550 A comparative study of population genetic structure reveals patterns consistent with selection at functional microsatellites in common sunflower.
- 549 A conserved odorant receptor identified from antennal transcriptome of *Megoura crassicauda* that specifically responds to cis-jasmone. **2022**, 21, 2042-2054
- 548 Solanaceae glycoalkaloids: Solanine and Chaconine modify the cardioinhibitory activity of verapamil. **2022**, 60, 1317-1330
- 547 Shared and host-specific transcriptomic response of *Pseudomonas donghuensis* P482 to the exudates of tomato (Dicot) and maize (Monocot) shed light on the host-adaptive traits in the promiscuous root colonizing bacteria.
- 546 Whole-Genome Sequencing of Rice Mutant Library Members Induced by N-Methyl-N-Nitrosourea Mutagenesis of Fertilized Egg Cells. **2022**, 15,
- 545 Absence of Figla-like Gene Is Concordant with Femaleness in Cichlids Harboring the LG1 Sex-Determination System. **2022**, 23, 7636 1



- 544 Low IL7R Expression at Diagnosis Predicted Relapse in Adult Acute Myeloid Leukemia Patients With t(8;21). 13,
- 543 Molecular Cut-off Values for *Aliarcobacter butzleri* Susceptibility Testing.
- 542 Glucocerebrosidase variant T369M is not a risk factor for Parkinson's disease in Sweden. **2022**, 784, 136767
- 541 Whole-body transcriptome mining for candidate effectors from *Diuraphis noxia*. **2022**, 23, ○
- 540 Novel real-time PCR assay detects widespread distribution of knock down resistance (kdr) mutations associated with pyrethroid resistance in the mosquito, *Culex quinquefasciatus*, in Thailand. **2022**, 186, 105172 ○
- 539 Crystal structure and molecular characterization of NADP<sup>+</sup>-farnesol dehydrogenase from cotton bollworm, *Helicoverpa armigera*. **2022**, 147, 103812 ○
- 538 Assessing genetic structure of *Eugenia uniflora* L. populations along an environmental gradient using a novel set of SSR markers. **2022**, 149, 530-536
- 537 Insight into the potential candidate genes and signaling pathways involved in lymphoma disease in dogs using a comprehensive whole blood transcriptome analysis. **2022**, 838, 146735
- 536 Full-length transcriptome sequencing analysis and characterization, development and validation of microsatellite markers in *Kengyilia melanthera*. 13, 1
- 535 Developing Oligo Probes for Chromosomes Identification in Hemp (*Cannabis sativa* L.). **2022**, 11, 1900
- 534 qRAT: an R-based stand-alone application for relative expression analysis of RT-qPCR data. **2022**, 23, ○
- 533 Sugarcane aphid resistance in SC112-14 Genetic Mapping of Sugarcane Aphid Resistance in Sorghum Line SC112-14.
- 532 SMAP design: A multiplex PCR amplicon and gRNA design tool to screen for natural and CRISPR-induced genetic variation.
- 531 Investigation of TLR4 Antagonists for Prevention of Intestinal Inflammation. ○
- 530 Stepwise recombination suppression around the mating-type locus in the fungus *Schizothecium tetrasporum* (Ascomycota, Sordariales). ○
- 529 A synergistic arrangement of two unrelated IS elements facilitates adjacent deletion in *Micrococcus luteus* ATCC49732.
- 528 Development of EST-SSR Markers Related to Polyphyllin Biosynthesis Reveals Genetic Diversity and Population Structure in *Paris polyphylla*. **2022**, 14, 589 ○
- 527 Mitochondrial Whole D-Loop Variability in Polish Draft Horses of Sztumski Subtype. **2022**, 12, 1870 1

- 526 Systematic Analysis of Long Non-Coding RNA Genes in Nonalcoholic Fatty Liver Disease. **2022**, 8, 56 ○
- 525 Tandemly duplicated genes encoding polygalacturonase inhibitors are associated with bruchid (*Callosobruchus chinensis*) resistance in moth bean (*Vigna aconitifolia*). **2022**, 111402
- 524 Response of optic gland pathways to thermal stress in the reproductive phase of female *Octopus maya*. **2022**, 88, ○
- 523 *Acanthamoeba polyphaga* de novo transcriptome and its dynamics during Mimivirus infection.
- 522 Discerning the global phylogeographic distribution of *Phyllosticta citricarpa* by means of whole genome sequencing. **2022**, 162, 103727 2
- 521 Characterization of Leptin (LEP) gene in Indian dromedary camel (*Camelus dromedarius*). **2022**, 92, 853-857
- 520 Discovery and Diagnosis of a New Sobemovirus Infecting *Cyperus esculentus* Showing Leaf Yellow Mosaic and Dwarfism Using Small-RNA High Throughput Sequencing. **2022**, 11, 2002
- 519 Genome-Wide Identification and Expression Analysis of DGK (Diacylglycerol Kinase) Genes in Common Bean.
- 518 Evaluation of the nemabiome approach for the study of equine strongylid communities.
- 517 Bone morphogenetic protein 4 rescues the bone regenerative potential of old muscle-derived stem cells via regulation of cell cycle inhibitors. **2022**, 13,
- 516 Is the Glycoprotein Responsible for the Differences in Dispersal Rates between Lettuce Necrotic Yellows Virus Subgroups?. **2022**, 14, 1574
- 515 Regulatory cross-talk supports resistance to Zn intoxication in *Streptococcus*. **2022**, 18, e1010607 ○
- 514 Application of chloroplast genome in the identification of Traditional Chinese Medicine *Viola philippica*. **2022**, 23, ○
- 513 Anti-Müllerian hormone as an endocrine biomarker of reproductive longevity and assessment of single nucleotide polymorphisms in AMH gene of *Bos indicus* breeds of cattle.
- 512 Freshwater macrophytes harbor viruses representing all five major phyla of the RNA viral kingdom Orthornavirae. 10, e13875 ○
- 511 Silicon supplementation induces expression of a histidine-rich defensin gene family in *Nicotiana tabacum*. 1-13
- 510 HP0953 hypothetical protein overexpresses and localization as virulence factor from *Helicobacter pylori* during infection to gastric epithelium cells. **2022**, 28, 3886-3902
- 509 The influence of self-cycling fermentation long- and short-cycle schemes on *Saccharomyces cerevisiae* and *Escherichia coli*. **2022**, 12,

- 508 Effectors from a Bacterial Vector-Borne Pathogen Exhibit Diverse Subcellular Localization, Expression Profiles and Manipulation of Plant Defense.
- 507 Primary myoblasts from intrauterine growth-restricted fetal sheep exhibit intrinsic dysfunction of proliferation and differentiation that coincides with enrichment of inflammatory cytokine signaling pathways. **2022**, 100, 0
- 506 Alleviation of Cadmium and Nickel Toxicity and Phyto-Stimulation of Tomato Plant L. by Endophytic *Micrococcus luteus* and *Enterobacter cloacae*. **2022**, 11, 2018 1
- 505 NDR1/HIN1-like genes may regulate *Glycine max* seed germination under chilling stress through the ABA pathway. 1
- 504 Simple Sequence Repeat Markers Reveal Genetic Diversity and Population Structure of Bolivian Wild and Cultivated Tomatoes (*Solanum lycopersicum* L.). **2022**, 13, 1505
- 503 Accurate identification of taxon-specific molecular markers in plants based on DNA signature sequence.
- 502 Phylogenetic placement and life history trait imputation for Grenada Dove *Leptotila wellsi*. 1-11
- 501 Differential Effects of Food Restriction and Warming in the Two-Spotted Goby: Impaired Reproductive Performance and Stressed Offspring. **2022**, 7, 194 0
- 500 TinoTranscriptDB: A Database of Transcripts and Microsatellite Markers of *Tinospora cordifolia*, an Important Medicinal Plant. **2022**, 13, 1433
- 499 Monochromatic blue light enhances crocin and picrocrocin content by upregulating the expression of underlying biosynthetic pathway genes in saffron (*Crocus sativus* L.). 1, 7
- 498 Expression profiling and cellular localization of myxozoan minicollagens during nematocyst formation and sporogenesis. **2022**,
- 497 Recent, full-length gene retrocopies are common in canids. **2022**, 32, 1602-1611 1
- 496 Novel *Escherichia coli* genetic markers for tracking domestic wastewater contamination in environmental waters.
- 495 Identification of late Holocene kōwhai (*Sophora*, Leguminosae) seeds from Central Otago dry rock shelters using nuclear DNA markers. 1-9
- 494 FOXM1 Inhibition Enhances the Therapeutic Outcome of Lung Cancer Immunotherapy by Modulating PD-L1 Expression and Cell Proliferation. 2202702 0
- 493 Overexpression of cotton genes GhDIR4 and GhPRXIIB in *Arabidopsis thaliana* improves plant resistance to root-knot nematode (*Meloidogyne incognita*) infection. **2022**, 12,
- 492 Comprehensive Analyses of Simple Sequence Repeat (SSR) in Bamboo Genomes and Development of SSR Markers with Peroxidase Genes. **2022**, 13, 1518
- 491 Association of CARD14 Single-Nucleotide Polymorphisms with Psoriasis. **2022**, 23, 9336

- 490 Molecular Identification of Sarcocystis Species in Sheep from Lithuania. **2022**, 12, 2048 ○
- 489 Association between PAX8AS1 (rs4848320 C > T, rs1110839 G > T, and rs6726151 T > G) and MEG3 (rs7158663) gene polymorphisms and non-Hodgkin lymphoma risk. 1-13 1
- 488 Quantitative reverse transcription PCR assay to detect a genetic marker of pyrethroid resistance in Culex mosquitoes. **2022**, 17, e0252498
- 487 PanCircBase: An online resource for the exploration of circular RNAs in pancreatic islets. 10,
- 486 Host induced gene silencing of the Sclerotinia sclerotiorum ABHYDROLASE-3 gene reduces disease severity in Brassica napus. **2022**, 17, e0261102 ○
- 485 Identification, characterization of Apyrase (APY) gene family in rice (Oryza sativa) and analysis of the expression pattern under various stress conditions.
- 484 Mitofusin 2 Integrates Mitochondrial Network Remodelling, Mitophagy and Renewal of Respiratory Chain Proteins in Neurons after Oxygen and Glucose Deprivation. 1
- 483 DhMYB22 and DhMYB60 regulate pigment intensity and floral organ shape in Dendrobium hybrid.
- 482 Molecular phylogenetics and tribal classification of Japanese Pyraustinae and Spilomelinae (Lepidoptera: Crambidae). **2022**, 1-30 ○
- 481 Increased NOX1 and DUOX2 expression in the colonic mucosa of patients with chronic functional constipation. **2022**, 101, e30028 ○
- 480 Metallopeptidases 2 and 9 genes epigenetically modulate equine endometrial fibrosis. 9, 1
- 479 RNA localization to the mitotic spindle regulated by kinesin-1 and dynein is essential for early development of the sea urchin embryo.
- 478 High-throughput barcoding method for the genetic surveillance of insecticide resistance and species identification in Anopheles gambiae complex malaria vectors. **2022**, 12, ○
- 477 Next-generation large-scale binary protein interaction network for Drosophila. ○
- 476 Histological characterization of anther structure in Tetep-cytoplasmic male sterility and fine mapping of restorer-of-fertility gene in rice. **2022**, 17, e0268174
- 475 A new set of microsatellite markers for Phoxinus lumaireul sensu lato , P. marsilii and P. krkae for population and molecular taxonomic studies.
- 474 Development of RNAi Methods for the Mormon Cricket, Anabrus simplex (Orthoptera: Tettigoniidae). **2022**, 13, 739 ○
- 473 Recombination of repeat elements generates somatic complexity in human genomes. **2022**, 185, 3025-3040.e61

- 472 Structural variants in the barley gene pool: precision and sensitivity to detect them using short-read sequencing and their association with gene expression and phenotypic variation. ○
- 471 Pipeline for developing polymorphic microsatellites in species without reference genomes. **2022**, 12, ○
- 470 Differential gene expression analysis of the resprouting process in *Pinus canariensis* provides new insights into a rare trait in conifers. ○
- 469 The use of heparin/polycation coacervate sustain release system to compare the bone regenerative potentials of 5 BMPs using a critical sized calvarial bone defect model. **2022**, 121708 1
- 468 Genetic characterization of the visual pigments of the red-eared turtle (*Trachemys scripta elegans*) and computational predictions of the spectral sensitivity. **2022**, 100141 ○
- 467 NANOGP1, a tandem duplicate of NANOG, exhibits partial functional conservation in human naïve pluripotent stem cells. ○
- 466 Methylation and Expression of Rice NLR Genes after Low Temperature Stress. **2022**, 146830 ○
- 465 Activating transcription factor 4-dependent hsa-miR-663a transcription mediates mTORC1/p70S6K1 signaling under leucine deprivation. 9, ○
- 464 Comparative transcriptome analysis, unfolding the pathways regulating the seed-size trait in cultivated lentil (*Lens culinaris* Medik.). 13, ○
- 463 Expression Profiles of Microsatellites in Fruit Tissues of *Akebia trifoliata* and Development of Efficient EST-SSR Markers. **2022**, 13, 1451 1
- 462 Investigation of the multi-targeted protection potential of tannic acid against doxorubicin-induced kidney damage in rats. **2022**, 365, 110111 ○
- 461 Development of PCR-based markers for the identification and detection of *Lophodermella* needle cast pathogens on *Pinus contorta* var. *latifolia* and *P. flexilis*. **2022**, 200, 106546 ○
- 460 RNA 5-methylcytosine status is associated with DNMT2/TRDMT1 nuclear localization in osteosarcoma cell lines. **2022**, 36, 100448 ○
- 459 The evolution of vimentin and desmin in *Pectoralis major* muscles of broiler chickens supports their essential role in muscle regeneration. 13, ○
- 458 Ancestral BPA exposure caused defects in the liver of medaka for four generations. **2022**, 159067 ○
- 457 Development of a multiplex assay for detection of autosomal and Y-chromosomal STRs, assessment of the degradation state of mitochondrial DNA and presence of mitochondrial length heteroplasmies. **2022**, 61, 102775 ○
- 456 Anxiety-related behavior and associated brain transcriptome and epigenome alterations in adult female zebrafish exposed to atrazine during embryogenesis. **2022**, 308, 136431 ○
- 455 Differences in integration frequencies and APOBEC3 profiles of five high-risk HPV types adheres to phylogeny. **2022**, 14, 200247 ○

- 454 Real-time PCR, and Recombinase Polymerase Amplification combined with SYBR Green I for naked-eye detection, along with Propidium Monoazide (PMA) for the detection of viable patulin-producing fungi in apples and by-products. **2023**, 144, 109347 ○
- 453 Characterization of <i>CsWRKY29</i> and <i>CsWRKY37</i> transcription factors and their functional roles in cold tolerance of tea plant. **2022**, 2, 1-13 ○
- 452 Saint Peter and Saint Paul Archipelago barcoded: Fish diversity in the remoteness and DNA barcodes reference library for metabarcoding monitoring. **2022**, 45, ○
- 451 Prime Editing for Precise Genome Engineering in *Drosophila*. **2022**, 113-134 ○
- 450 Environmental DNA for Biodiversity Monitoring of Coral Reefs. **2022**, 203-224 ○
- 449 EventPointer 3.0: flexible and accurate splicing analysis that includes studying the differential usage of protein-domains. **2022**, 4, ○
- 448 Development of a Molecular Marker Based on the Mitochondrial Genome for Detection of *Cyclospora cayentanensis* in Food and Water Samples. **2022**, 10, 1762 1
- 447 CRISPR-Cas9 Gene Editing of the *Sal1* Gene Family in Wheat. **2022**, 11, 2259 2
- 446 Developing a multiplex PCR -based assay kit for bloodstream infection by analyzing genomic big data. ○
- 445 Two sides to every coin: complementary introgression line populations in *Caenorhabditis elegans*. ○
- 444 Pharmacological profiling of a *Brugia malayi* muscarinic acetylcholine receptor as a putative antiparasitic target. ○
- 443 Transcriptomic Analysis of Radish (*Raphanus sativus* L.) Roots with CLE41 Overexpression. **2022**, 11, 2163 ○
- 442 Temporal variations of human and animal Rotavirus A genotypes in surface water used for drinking water production. 13, ○
- 441 Case Report: A novel desmoplakin mutation in a taiwanese woman with familial dilated cardiomyopathy that necessitated heart transplantation. 13, ○
- 440 Integrating Genetic and Chromosome Maps of *Allium cepa*: From Markers Visualization to Genome Assembly Verification. **2022**, 23, 10486 ○
- 439 Novel CRISPR-based detection of *Leishmania* species. 13, ○
- 438 De-novo development and validation of EST-SSRs in *Moringa oleifera*. ○
- 437 Mosquito Tagging Using DNA-Barcoded Nanoporous Protein Microcrystals. 1

- 436 Phasing of de novo mutations using a scaled-up multiple amplicon long-read sequencing approach. ○
- 435 Fine-mapping and identification of candidate causal genes for tail length in the Merinolandschaf breed. **2022**, 5, ○
- 434 Photobiomodulation effects in metalloproteinases expression in zymosan-induced arthritis. ○
- 433 Combining metabolite doping and metabolic engineering to improve 2-phenylethanol production by engineered cyanobacteria. 10, ○
- 432 An SNN retrocopy insertion upstream of GPR22 is associated with dark red coat color in Poodles. ○
- 431 New records of fern species from New Caledonia in the genera Davallia, Dicranopteris, Dryopteris, Pteris, and Trichomanes. 1-27 ○
- 430 Genome-derived Microsatellite Markers in *Lippia origanoides* from Colombia. 1-18 ○
- 429 Inheritance of somatic mutations by animal offspring. **2022**, 8, ○
- 428 Knockdown of Na,K-ATPase  $\beta$ subunits in *Oncopeltus fasciatus* induces molting problems and alterations in tracheal morphology. ○
- 427 Hepatic transcriptome profiling according to growth rate reveals acclimation in metabolic regulatory mechanisms to cyclic heat stress in broiler chickens. **2022**, 102167 ○
- 426 Variation in Heat Shock Protein 40kDa relates to divergence in thermotolerance among cryptic rotifer species. ○
- 425 Duplex Sequencing Uncovers Recurrent Low-frequency Cancer-associated Mutations in Infant and Childhood KMT2A-rearranged Acute Leukemia. **2022**, 6, e785 ○
- 424 Molecular diagnosis of bovine genital campylobacteriosis using high-resolution melting analysis. 13, ○
- 423 Comparative transcriptomics of *Pinus massoniana* organs provides insights on terpene biosynthesis regulation. ○
- 422 Characterization of two conserved cell death elicitor families from the Dothideomycete fungal pathogens *Dothistroma septosporum* and *Fulvia fulva* (syn. *Cladosporium fulvum*). 13, 1
- 421 Development and use of an ESBL coding gene panel in patients undergoing first-line eradication therapy for *Helicobacter pylori*. ○
- 420 Time-series transcriptome of *Brachypodium distachyon* during bacterial flagellin-induced pattern-triggered immunity. 13, ○
- 419 The Range, Transmitting Insects, and Mitochondrial DNA Polymorphism of Gamasid Mite *Hoploseius oblongus* (Mesostigmata, Blattisociidae), Obligate Mycobiont on Bracket Fungus *Fomitopsis pinicola* (Polyporales, Basidiomycota). **2022**, 58, 1104-1117 ○

418	Evaluation of a probe hybridization quantitative polymerase chain reaction assay for <i>Cryptosporidium serpentis</i> in eastern indigo snakes ( <i>Drymarchon couperi</i> ).	1
417	Monitoring the oral administration of a beneficial microbes mixture based on <i>Apilactobacillus kunkeei</i> strains, in honey bees. 1-4	0
416	MtING2 encodes an ING domain PHD finger protein which affects <i>Medicago</i> growth, flowering, global patterns of H3K4me3 and gene expression.	0
415	The Spatial Pattern of the Two Genetic Lineages of the Field Vole in Lithuania. <b>2022</b> , 14, 820	0
414	PpyABF3 recruits the COMPASS -like complex to regulate bud dormancy maintenance via integrating ABA signaling and GA catabolism.	0
413	Molecular identification of archaic bones as a native Korean black bear: implications for the ongoing bear restoration program. 1-9	0
412	Development of reverse-transcriptase, real-time PCR assays to distinguish the Southern African Territories (SAT) serotypes 1 and 3 and topotype VII of SAT2 of Foot-and-Mouth Disease Virus. 9,	0
411	The ribosome inhibitor chloramphenicol induces motility deficits in human spermatozoa: A proteomic approach identifies potentially involved proteins. 10,	0
410	Combination effects of tebuconazole with <i>Bacillus subtilis</i> to control rice false smut and the related synergistic mechanism.	0
409	Development of a farm-specific real-time quantitative RT-PCR assay for the detection and discrimination of wild-type porcine reproductive respiratory syndrome virus and the vaccine strain in a farm under eradication. <b>2022</b> , 70, 254-261	0
408	Species-specific transcriptomic changes upon respiratory syncytial virus infection in cotton rats. <b>2022</b> , 12,	0
407	Single Nucleotide Variants in KIF14 Gene May Have Prognostic Value in Breast Cancer.	0
406	Epigenetic and pharmacological control of pigmentation via Bromodomain Protein 9 (BRD9).	0
405	Confirmation of the first intronic sequence in the bivalvian mitochondrial genome of <i>Macoma balthica</i> (Linnaeus, 1758). <b>2022</b> , 18,	0
404	Multiple mating by both sexes in an invasive insect species, <i>Aethina tumida</i> (Coleoptera: Nitidulidae).	0
403	Host genetic background determines the outcome of reciprocal faecal transplantation on life-history traits and microbiome composition.	0
402	Genetic and functional analyses implicate microRNA 499A in bipolar disorder development. <b>2022</b> , 12,	0
401	Identification of QTLs and joint QTL segments of leaflet traits at different canopy layers in an interspecific RIL population of soybean.	0



- 400 Development of EST-SSR markers and population genetic structure and genetic diversity of the *Malus transitoria* (Batalin) C. K. Schneider in Qinghai-Tibetan Plateau. 0
- 399 Species-specific plastid SSR markers reveal evidence of cultivar misassignments in Brazilian pecan [*Carya illinoensis* (Wangenh.) K. Koch] orchards. 0
- 398 Rapid reduction of Paraoxonase expression followed by inactivation across semiaquatic mammals suggests adaptive benefit of gene loss. 0
- 397 *Aegilops crassa* Boiss. repeatome characterized using low-coverage NGS as a source of new FISH markers: Application in phylogenetic studies of the Triticeae. 13, 1 1
- 396 First Polycipivirus and Unmapped RNA Virus Diversity in the Yellow Crazy Ant, *Anoplolepis gracilipes*. **2022**, 14, 2161 0
- 395 Phylogenetic divergences in brown rot fungal pathogens of *Monilinia* species from a worldwide collection: inferences based on the nuclear versus mitochondrial genes. **2022**, 22, 1 1
- 394 Genetic Diversity and Population Structure of *Hemiculter leucisculus* (Basilesky, 1855) in Xinjiang Tarim River. **2022**, 13, 1790 0
- 393 The N-terminal executioner domains of NLR immune receptors are functionally conserved across major plant lineages. 0
- 392 Investigating the roles for essential genes in the regulation of the circadian clock in *Synechococcus elongatus* using CRISPR interference. 0
- 391 Exogenous gibberellic acid shortening after-ripening process and promoting seed germination in a medicinal plant *Panax notoginseng*. 0
- 390 IAnimal: a cross-species omics knowledgebase for animals. 0
- 389 Expanding the Phenotypic Spectrum of APMR4 Syndrome Caused by a Novel Variant in LSS Gene and Review of Literature. 0
- 388 De novo transcriptome assembly using Illumina sequencing and development of EST-SSR markers in a monoecious herb *Sagittaria trifolia* Linn. 10, e14268 0
- 387 Intronic primers reveal unexpectedly high major histocompatibility complex diversity in Antarctic fur seals. **2022**, 12, 0 0
- 386 Leveraging patient derived models of FGFR2 fusion positive intrahepatic cholangiocarcinoma to identify synergistic therapies. **2022**, 6, 1 1
- 385 Artificial microRNA mediated silencing of cyclase and aldo-keto reductase genes reveal their involvement in the plumbagin biosynthetic pathway. 0 0
- 384 Identification of a Novel Solinvivirus with Nuclear Localization Associated with Mass Mortalities in Cultured Whiteleg Shrimp (*Penaeus vannamei*). **2022**, 14, 2220 0
- 383 Copy number variation of horse Y chromosome genes in normal equine populations and in horses with abnormal sex development and subfertility: relationship of copy number variations with Y haplogroups. 0 0

- 382 RNA interference cannot be operated in lepidopteran insect? A nanocarrier breaks bottlenecks at all developmental stages of Spodoptera frugiperda. 2
- 381 Evidence of backcross inviability and mitochondrial DNA paternal leakage in sea turtle hybrids. 0
- 380 An Improved Protocol for Comprehensive Etiological Characterization of Skin Warts and Determining Causative Human Papillomavirus Types in 128 Histologically Confirmed Common Warts. **2022**, 14, 2266 1
- 379 basicsynbio and the BASIC SEVA collection: Software and vectors for an established DNA assembly method. 0
- 378 The Detection of Immunity against WT1 and SMAD4P130L of EpCAM+ Cancer Cells in Malignant Pleural Effusion. **2022**, 23, 12177 0
- 377 Leucism and stripe formation in ball pythons (*Python regius*) are associated with variants affecting endothelin signaling. 0
- 376 Pathogenic strains of *Shewanella putrefaciens* contain plasmids that are absent in the probiotic strain Pdp11. 10, e14248 0
- 375 PotatoMASH: A Low Cost, Genome-Scanning Marker System for Use in Potato Genomics and Genetics Applications. **2022**, 12, 2461 0
- 374 The Supplementation of FloraMax-B11 Did Not Affect the Bile Acid Neosynthesis and the Enterohepatic Circulation in Broiler Chickens. **2022**, 12, 2901 0
- 373 Cebidae Alu Element Alignments and a Complex Non-Human Primate Radiation. **2022**, 12, 1655 0
- 372 Frequency of *Alternaria* genotypes resistant to SDHI fungicides in California pistachio orchards determined by real-time PCR. 0
- 371 Multiplex TaqMan qPCR Assay for Detection, Identification, and Quantification of Three *Sclerotinia* Species. 1-7 0
- 370 Ochratoxin A Defective *Aspergillus carbonarius* Mutants as Potential Biocontrol Agents. **2022**, 14, 745 0
- 369 Tissue-specific transcriptome responses to *Fusarium* head blight and *Fusarium* root rot. 13, 0
- 368 Histological and molecular responses of *Vigna angularis* to *Uromyces vignae* infection. **2022**, 22, 0
- 367 De novo transcriptome analysis and development of novel EST-SSR markers in *Bergenia ciliata* (Haw.) Sternb. (Saxifragaceae) through Illumina sequencing. 0
- 366 Immune function of the serosa in hemimetabolous insect eggs. **2022**, 377, 2
- 365 AGO1 and HSP90 buffer different genetic variants in *Arabidopsis thaliana*. 2

- 364 Functional identification of the zebrafish Interleukin-1 receptor in an embryonic model of IL-1 $\beta$  induced systemic inflammation. 13, ○
- 363 Specific detection and quantification of three microsporidia infecting bees, *Nosema apis*, *Nosema ceranae*, and *Nosema bombi*, using probe-based real-time PCR. **2022**, 86, 125935 ○
- 362 Population genetic structure of *Wikstroemia monnula* highlights the necessity and feasibility of hierarchical analysis for a highly differentiated species. 13, ○
- 361 Comprehensive Comparative Analysis and Development of Molecular Markers for *Dianthus* Species Based on Complete Chloroplast Genome Sequences. **2022**, 23, 12567 ○
- 360 Functional genomics-enabled characterization of CYP81B140 and CYP81B141 from *Plumbago zeylanica* L. substantiates their involvement in plumbagin biosynthesis. **2022**, 256, ○
- 359 Impact of tobacco smoking in association with H2BFWT , PRM1 and PRM2 genes variants on male infertility. ○
- 358 A community-science approach identifies genetic variants associated with three color morphs in ball pythons (*Python regius*). **2022**, 17, e0276376 ○
- 357 Arctic introgression and chromatin regulation facilitated rapid Qinghai-Tibet Plateau colonization by an avian predator. **2022**, 13, ○
- 356 A method of large DNA fragment enrichment for nanopore sequencing in region 22q11.2. 13, ○
- 355 Visual inspection reveals a novel pathogenic mutation in PKD1 missed by the variant caller in whole-exome sequencing. **2022**, 26, ○
- 354 The Role of Regulator Catabolite Control Protein A (CcpA) in *Streptococcus agalactiae* Physiology and Stress Response. ○
- 353 Development of novel microsatellite markers for population differentiation and detection of natural selection in wild populations of Butter catfish, *Ompok bimaculatus* (Bloch, 1794). ○
- 352 Contrasting transcriptomic patterns reveal a genomic basis for drought resilience in the relict fir *Abies pinsapo* Boiss. ○
- 351 The 4R QTLs pollen fertility restoration in triticale with CMS *Triticum timopheevii*. ○
- 350 Short-Term Gaseous Treatments Improve Rachis Browning in Red and White Table Grapes Stored at Low Temperature: Molecular Mechanisms Underlying Its Beneficial Effect. **2022**, 23, 13304 ○
- 349 Microarray profiling of hypothalamic gene expression changes in Huntington's disease mouse models. 16, ○
- 348 Physiological, Biochemical, and Gene Expression Responses of Sugarcane Under Cold, Drought and Salt Stresses. ○
- 347 Emergence of canine parvovirus type 2c (CPV-2c) of Asian origin in domestic dogs in Myanmar. **2022**, 90-91, 101901 ○

- 346 Integrated analysis of DNA methylation, transcriptome, and global metabolites in interspecific heterotic Capsicum F1 hybrid. **2022**, 25, 105318 ○
- 345 Short-length Homologous Region exhaustive Search algorithm (SHRS): A primer design algorithm for differentiating bacteria at the species, subspecies, or strain level based on a whole genome sequence. **2022**, 203, 106605 ○
- 344 DNA concentration by solid phase reversible immobilization improves its yield and purity, and detection time of *E. coli* O157:H7 in foods by high resolution melt curve qPCR. **2023**, 145, 109456 ○
- 343 Identification of RP1 as the genetic cause of retinitis pigmentosa in a multi-generational pedigree using Extremely Low-Coverage Whole Genome Sequencing (XLC-WGS). **2023**, 851, 146956 ○
- 342 Evidence of backcross inviability and mitochondrial DNA paternal leakage in sea turtle hybrids. ○
- 341 Transcriptomic responses of females to consumption of nuptial food gifts as a potential mediator of sexual conflict in decorated crickets. ○
- 340 *Silybum marianum* chemotype differentiation is genetically determined by factors involved in silydianin biosynthesis. **2022**, 100442 ○
- 339 Analysis of R Genes Related to Blackcurrant Reversion Virus Resistance in the Comparative Transcriptome of *Ribes nigrum* cv. Aldoniai. **2022**, 11, 3137 1
- 338 Transcriptome Analysis of Two Tetraploid Potato Varieties under Water-Stress Conditions. **2022**, 23, 13905 ○
- 337 Stem and leaf rust-induced miRNAome in bread wheat near-isogenic lines and their comparative analysis. ○
- 336 Consequences of in vitro benzyl butyl phthalate exposure for blubber gene expression and insulin-induced Akt activation in juvenile grey seals. **2022**, 120688 ○
- 335 HvGST plays a key role in anthocyanin accumulation in colored barley. ○
- 334 De Novo Transcriptome Analysis of the Lizard Fish (*Saurida elongata*): Novel Insights into Genes Related to Sex Differentiation. **2022**, 12, 11319 ○
- 333 Investigation of drought induced biochemical and gene expression changes in carrot cultivars. ○
- 332 Transcriptome Mining to Identify Molecular Markers for the Diagnosis of *Staphylococcus epidermidis* Bloodstream Infections. **2022**, 11, 1596 ○
- 331 Increased phage resistance through lysogenic conversion accompanying emergence of monophasic *Salmonella* Typhimurium ST34 pandemic strain. **2022**, 8, ○
- 330 Detection of the Threatened Snail Darter *Percina tanasi* in the Tennessee River System Using Environmental DNA. ○
- 329 Owl Monkey Alu Insertion Polymorphisms and Aotus Phylogenetics. **2022**, 13, 2069 1

- 328 Multilocus Sequence Typing of *Eimeria maxima* in Commercial Broiler Flocks. **2022**, 66, 0
- 327 Genetic diversity of lacustrine populations of the snakehead gudgeon *Giuris laglaizei* (Gobiiformes: Eleotridae) in the Philippines based on mitochondrial DNA control region. 0
- 326 Identification and Characterization of a QTL for Growth of *Fusarium circinatum* on Pine-Based Medium. **2022**, 8, 1214 0
- 325 Evaluation of candidate reference genes stability for gene expression analysis by reverse transcription qPCR in *Clostridium perfringens*. **2022**, 12, 0
- 324 Whole genome sequencing and microsatellite motif discovery of farmed Japanese quail (*Coturnix japonica*): a first record from India. 0
- 323 Molecular phylogenetics and systematics of two enteric helminth parasites (*Baylisascaris laevis* and *Diandrya vancouverensis*) in the Vancouver Island marmot (*Marmota vancouverensis*). **2022**, 0
- 322 Genome-wide identification of the KNOTTED HOMEBOX gene family and their involvement in stalk development in flowering Chinese cabbage. 13, 0
- 321 Cyto-nuclear incompatibilities across a bluebell hybrid zone in northern Spain do not prevent genome-wide introgression of neutral markers. 0
- 320 Introducing the Bacterial and Viral Bioinformatics Resource Center (BV-BRC): a resource combining PATRIC, IRD and ViPR. 10
- 319 Inducible plasmid copy number control for synthetic biology in commonly used *E. coli* strains. **2022**, 13, 0
- 318 Detection and identification of *Lactobacillus acidophilus* species and its commercial probiotic strains using CRISPR loci-based amplicon analysis. **2022**, 171, 114166 0
- 317 De Novo Hybrid Assembly of the *Salvia miltiorrhiza* Mitochondrial Genome Provides the First Evidence of the Multi-Chromosomal Mitochondrial DNA Structure of *Salvia* Species. **2022**, 23, 14267 1
- 316 Single nucleotide polymorphisms in insulin-like growth factor 2 (IGF2) gene and their associations with body weight and growth rate traits in indigenous guinea fowls (*Numida meleagris*) of northern Ghana. **2022**, 200139 0
- 315 Occurrence of *Mycoplasma parvum* in German Pigs of Different Age Groups Using a Novel Quantitative Real-Time PCR Assay. **2022**, 11, 1374 0
- 314 Genetic diversity and paternity analysis of *Mytilaria laosensis* hybrids using microsatellite markers provide insight into the breeding system. **2023**, 191, 115974 0
- 313 Evaluation of stable reference genes in white mustard (*Sinapis alba*) for qRT-PCR analysis under various stress conditions. **2020**, 90, 189-194 0
- 312 Genome-wide analysis of the SWEET genes in *Taraxacum kok-saghyz* Rodin: An insight into two latex-abundant isoforms. **2022**, 1 0
- 311 Structural characterization of four *Rhododendron* spp. chloroplast genomes and comparative analyses with other azaleas. **2023**, 1-12 0

- 310 Viral 2A-peptides mediate continuous transcription and self-cleavage of multiple heterologous genes in fowlpox virus vector. **2022**, 90, 1234-1239 ○
- 309 Selection and validation of reference genes for quantitative real-time polymerase chain reaction analyses of *Serratia ureilytica* DW2. **2023**, 1-10 ○
- 308 *Agrobacterium rhizogenes*-induced Altered Morphology and Physiology in Rubber Dandelion after Genetic Transformation. **2023**, 148, 21-28 1
- 307 *Campylobacter jejuni* infection induces dynamic expression of avian host defense peptides in vitro and in vivo. **2023**, 277, 109631 ○
- 306 Contribution bias of parental genomes to the hybrid lineages of black Amur bream and topmouth culter revealed by low-coverage whole-genome sequencing. **2023**, 852, 147058 ○
- 305 Genetic diversity and population structure of the crescent perch *Terapon jarbua* (Centrarchiformes: Terapontidae) in the Philippines. **2023**, 58, 102786 ○
- 304 Independent recruitment of FRUITFULL-like transcription factors in the convergent origins of vernalization-responsive grass flowering. **2023**, 179, 107678 ○
- 303 De novo transcriptome assembly of *Coffea liberica* reveals phylogeny and expression atlas of phenylalanine ammonia-lyase genes in *Coffea* species. **2023**, 192, 116029 ○
- 302 Transcriptomic insight into the hybridization mechanism of the Tambacu, a hybrid from *Colossoma macropomum* (Tambaqui) and *Piaractus mesopotamicus* (Pacu). **2023**, 45, 101041 ○
- 301 Development of two microbial source tracking markers for detection of wastewater-associated *Escherichia coli* isolates. **2023**, 864, 160952 ○
- 300 Hybridization chain reaction-assisted enzyme cascade genosensor for the detection of *Listeria monocytogenes*. **2023**, 254, 124193 ○
- 299 Effects of elevated temperature on 8-OHdG expression in the American oyster (*Crassostrea virginica*): Induction of oxidative stress biomarkers, cellular apoptosis, DNA damage and H2AX signaling pathways. **2023**, 4, 100079 ○
- 298 De-novo transcriptome assembly for discovery of putative microsatellite markers and transcription factors in black pepper (*Piper nigrum*). **2019**, 89, ○
- 297 A simple modification in the DNA extraction process to extract good quality bacterial DNA from milk. **2022**, 90, 525-529 ○
- 296 The last hideout: Abundance patterns of the not-quite-yet extinct mayfly *Prosopistoma pennigerum* in the Albanian Vjosa River network. ○
- 295 Development and Evaluation of a Next-Generation Sequencing Panel for the Multiple Detection and Identification of Pathogens in Fermented Foods. **2022**, ○
- 294 Transcriptome analysis of aphids exposed to glandular trichomes in tomato reveals stress and starvation related responses. **2022**, 12, ○
- 293 Massively parallel single-cell sequencing of genetic loci in diverse microbial populations. ○

- 292 Nucleic acid extraction and multiplex analysis for simultaneous detection of the corn stunt complex pathogens in plant and insect tissues. ○
- 291 ConsensusPrime: A Bioinformatic Pipeline for Ideal Consensus Primer Design. **2022**, 2, 637-642 ○
- 290 Towards a Genetic Linkage Map of the California Condor, an Endangered New World Vulture Species. **2022**, 12, 3266 ○
- 289 FER and LecRK show haplotype-dependent cold-responsiveness and mediate freezing tolerance in *Lotus japonicus*. 1
- 288 Leaf rolling in bread wheat (*Triticum aestivum* L.) is controlled by the upregulation of a pair of closely linked/duplicate zinc finger homeodomain class transcription factors during moisture stress conditions. 13, ○
- 287 The GZnC1 variant from common wild rice influences grain Zn content. ○
- 286 Spectrum and Density of Gamma and X-ray Induced Mutations in a Non-Model Rice Cultivar. **2022**, 11, 3232 ○
- 285 Metagenomic Characterization of Multiple Genetically Modified *Bacillus* Contaminations in Commercial Microbial Fermentation Products. **2022**, 12, 1971 ○
- 284 The extrachromosomal circular DNAs of the rice blast pathogen *Magnaporthe oryzae* contain a wide variety of LTR retrotransposons, genes, and effectors. **2022**, 20, ○
- 283 The development of SSR markers from the endangered plant *Tetracentron sinense* Oliv. (*Tetracentraceae*) based on RADseq technique. **2023**, 78, 15-22 ○
- 282 Comparative transcriptomic profiling of peach and nectarine cultivars reveals cultivar-specific responses to chilled postharvest storage. 13, ○
- 281 Molecular cloning and functional analysis of the pepper resistance gene Me3 to root-knot nematode. **2022**, ○
- 280 Novel polymorphisms of the KCNB1 gene and their association with production traits in Indian Sahiwal cattle. **2022**, 92, ○
- 279 Retrotransposon instability dominates the acquired mutation landscape of mouse induced pluripotent stem cells. **2022**, 13, ○
- 278 Fine mapping of the gene controlling the easy-peeling pellicle trait and development of an efficient marker-assisted selection system in Japanese chestnut (*Castanea crenata* Sieb. et Zucc.). **2023**, 19, ○
- 277 First DNA barcode efficiency assessment for an important ingredient in the Amazonian ayahuasca tea: mariri/jagube, *Banisteriopsis* (*Malpighiaceae*). ○
- 276 Phage Encounters Recorded in CRISPR Arrays in the Genus *Oenococcus*. **2023**, 15, 15 ○
- 275 "Quasigenus" among *Phycodnaviridae*: A diversity of chlorophyte-infecting viruses in response to a dense algal culture in a high-rate algal pond.. ○

- 274 Multiple relaxases contribute to the horizontal transfer of the virulence plasmids from the tumorigenic bacterium *Pseudomonas syringae* pv. *savastanoi* NCPPB 3335. 13, ○
- 273 Fine-mapping and comparative genomic analysis reveal the gene composition at the S and Z self-incompatibility loci in grasses. ○
- 272 Compensatory Transcriptional Response of *Fischerella thermalis* to Thermal Damage of the Photosynthetic Electron Transfer Chain. **2022**, 27, 8515 ○
- 271 Genetic Diversity of *Candidatus Liberibacter asiaticus* Based on Four Hypervariable Genomic Regions in China. **2022**, 10, ○
- 270 Phylogenetic divergence and population genetics of the hydrothermal vent annelid genus *Hesiolyra* along the East Pacific Rise: Reappraisal using multi-locus data. **2023**, 29, 184-198 ○
- 269 CircPrime: a web-based platform for design of specific circular RNA primers. ○
- 268 Cross-Feeding and Enzymatic Catabolism for Mannan-Oligosaccharide Utilization by the Butyrate-Producing Gut Bacterium *Roseburia hominis* A2-183. **2022**, 10, 2496 ○
- 267 Novel Multilocus Sequence Typing and Global Sequence Clustering Schemes for Characterizing the Population Diversity of *Streptococcus mitis*. ○
- 266 *Vulcanimicrobium alpinus* gen. nov. sp. nov., the first cultivated representative of the candidate phylum *Bremiobacterota* is a metabolically versatile aerobic anoxygenic phototroph. **2022**, 2, ○
- 265 Species diversity, resistance to MBC fungicides, and low sensitivity to azoxystrobin in field isolates of *Colletotrichum* spp. associated with soybean anthracnose in Mato Grosso and Goiás States, Brazil. ○
- 264 High-throughput primer design by scoring in piecewise logistic model for multiple polymerase chain reaction variants. **2022**, 12, ○
- 263 Interactive effect of 24-epibrassinolide and plant growth promoting rhizobacteria inoculation restores photosynthetic attributes in *Brassica juncea* L. under chlorpyrifos toxicity. **2022**, 120760 ○
- 262 Does Pten have an impact on oogenesis of PCOS mouse models?. 1-4 ○
- 261 Distinction between *Enterococcus faecium* and *Enterococcus lactis* by a gluP PCR-Based Assay for Accurate Identification and Diagnostics. **2022**, 10, ○
- 260 A second look at exome sequencing data: detecting mobile elements insertion in a rare disease cohort. ○
- 259 Genetic Association between Polymorphisms of Interleukin-32 and Dilated Cardiomyopathy in Chinese Han Population. **2022**, 2022, 1-9 ○
- 258 SNP markers found in non-coding regions can distinguish among low-variant genotypes of *Arabica* and other coffee species. ○
- 257 Human serum supplementation promotes *Streptococcus mitis* growth and induces specific transcriptomic responses. ○



- 256 A new GTSeq resource to facilitate multijurisdictional research and management of walleye Sander vitreus. **2022**, 12, ○
- 255 Mitochondrial dynamics, elimination and biogenesis during post-ischemic recovery in ischemia-resistant and ischemia-vulnerable gerbil hippocampal regions. **2022**, 166633 ○
- 254 Species-specific environmental DNA analysis of the index species in soil ecosystem, Allonychiurus kimi (Collembola: Onychiuridae). **2022**, 12, ○
- 253 Kidd (SLC14A1 rs1058396) Genotyping Performed by PCR-Restriction Fragment Length Polymorphism Using a General-Purpose Agarose Gel and Lithium Borate Buffer. **2022**, 33, 154-160 ○
- 252 Genetic analysis of neurodevelopmental disorders in children. 1, ○
- 251 Suppression of microRNA168 enhances salt tolerance in rice (*Oryza sativa* L.). **2022**, 22, ○
- 250 Biodegradation of Pine Processionary Caterpillar Silk Is Mediated by Elastase- and Subtilisin-like Proteases. **2022**, 23, 15253 ○
- 249 New insights on the expression patterns of specific Arabinogalactan proteins in reproductive tissues of *Arabidopsis thaliana*. 13, 1
- 248 Analysis of Genetic Diversity of Fescue Populations from the Highlands of Bolivia Using EST-SSR Markers. **2022**, 13, 2311 ○
- 247 Genome-wide identification, characterization, and genetic diversity of CCR gene family in *Dalbergia odorifera*. 13, 1
- 246 Transcriptome and Metabolome Analysis of a Late-Senescent Vegetable Soybean during Seed Development Provides New Insights into Degradation of Chlorophyll. **2022**, 11, 2480 ○
- 245 Genome sequence of *Leishmania mexicana* MNYC/BZ/62/M379 expressing Cas9 and T7 RNA polymerase. 7, 294 ○
- 244 Phylogeography of the endangered Eyed Turtles (genus *Sacalia*) and the discovery of a lineage derived from natural interspecific hybridization. **2022**, 12, ○
- 243 Host genetic background determines the outcome of reciprocal faecal transplantation on life-history traits and microbiome composition. **2022**, 4, ○
- 242 L-SCRaMBLE creates large-scale genome rearrangements in synthetic Sc2.0 chromosomes. ○
- 241 Everglades virus evolution: Genome sequence analysis of the envelope protein 1 reveals recent mutation and divergence in south Florida wetlands. ○
- 240 OR2AT4 and OR1A2 counterregulate molecular pathophysiological processes of steroid-resistant inflammatory lung diseases in human alveolar macrophages. **2022**, 28, ○
- 239 The Persistence of HIV Diversity, Transcription, and Nef Protein in Kaposi Sarcoma Tumors during Antiretroviral Therapy. **2022**, 14, 2774 ○

- 238 Molecular characterization and genetic authentication assay for *Anopheles Bemocyte-like* cell lines 4a-3A and 4a-3B. **2022**, 15, ○
- 237 Detection of unintended on-target effects in CRISPR genome editing by DNA donors carrying diagnostic substitutions. ○
- 236 Distinct Cellular Origins and Differentiation Process Account for Distinct Oncogenic and Clinical Behaviors of Leiomyosarcomas. **2023**, 15, 534 ○
- 235 Pulmonary artery embolism: comprehensive transcriptomic analysis in understanding the pathogenic mechanisms of the disease. **2023**, 24, ○
- 234 Pharmacological Profiling of a *Brugia malayi* Muscarinic Acetylcholine Receptor as a Putative Antiparasitic Target. ○
- 233 Northern olingo (*Bassaricyon gabbi*), zorilla (*Ictonyx striatus*), and honey badger (*Mellivora capensis*) mitochondrial genomes and a phylogeny of Musteloidea. 10, ○
- 232 Development of novel microsatellite markers for population differentiation and detection of natural selection in wild populations of butter catfish, *Ompok bimaculatus* (Bloch, 1794). ○
- 231 The chloroplast genome of black pepper (*Piper nigrum* L.) and its comparative analysis with related *Piper* species. 13, ○
- 230 KaiC -like proteins contribute to stress resistance and biofilm formation in environmental *Pseudomonas* species. ○
- 229 The metagenomic analysis of viral diversity in Colorado potato beetle public NGS data. ○
- 228 Study on the muscle transcriptome of two diverse Indian backyard poultry breeds acclimatized to different agro-ecological conditions. ○
- 227 New RT-PCR Assay for the Detection of Current and Future SARS-CoV-2 Variants. **2023**, 15, 206 ○
- 226 The chromatin determinants and Ph1 gene effect at wheat sites with contrasting recombination frequency. **2023**, ○
- 225 Lipoprotein receptors in ovary of eel, *Anguilla australis*: molecular characterisation of putative vitellogenin receptors. ○
- 224 Identification of two insecticide resistance markers in Ethiopian *Anopheles stephensi* mosquitoes using a multiplex amplicon sequencing assay targeting *vgsc*, *rdl*, *gste2* and *ace1* loci. ○
- 223 Trans-splicing in the cestode *Hymenolepis microstoma* is constitutive across the life cycle and depends on gene structure and composition. **2023**, ○
- 222 AgamPrimer: Primer Design in *Anopheles gambiae* informed by range-wide genomic variation. ○
- 221 A Rare Case of Peritoneal Dialysis-Related Peritonitis Caused by *Paracoccus yeei*. **2023**, 13, 31-35 ○

220	Mitochondrial haplotypes reveal low diversity and restricted connectivity in the critically endangered batoid population of a Marine Protected Area.	0
219	Prophage-Derived Regions in <i>Curtobacterium</i> Genomes: Good Things, Small Packages. <b>2023</b> , 24, 1586	1
218	Comprehensive multi-omic profiling of somatic mutations in malformations of cortical development.	0
217	The histone demethylase KDM5C functions as a tumor suppressor in AML by repression of bivalently marked immature genes.	0
216	Comprehensive Analysis and Functional Verification of the <i>Pinus massoniana</i> NBS-LRR Gene Family Involved in the Resistance to <i>Bursaphelenchus xylophilus</i> . <b>2023</b> , 24, 1812	0
215	Deciphering the exact breakpoints of structural variations using long sequencing reads with DeBreak. <b>2023</b> , 14,	0
214	Behavioural response to toxic elements, detoxification and organ accumulation are time-of-day-dependent in zebrafish. <b>2023</b> , 137862	1
213	Rapid PCR-lateral flow assay for the onsite detection of Atlantic White Shrimp. <b>2023</b> , 100164	0
212	Predicting prime editing efficiency and product purity by deep learning.	0
211	Target complementarity in cnidarians supports a common origin for animal and plant microRNAs.	0
210	Natural immunity stimulation using ELICE16INDURES <sup>®</sup> plant conditioner in field culture of soybean. <b>2023</b> , 9, e12907	1
209	Genome-Wide Analysis of Aquaporin Gene Family in <i>Triticum turgidum</i> and Its Expression Profile in Response to Salt Stress. <b>2023</b> , 14, 202	2
208	NANOGP1, a tandem duplicate of NANOG, exhibits partial functional conservation in human naïve pluripotent stem cells. <b>2023</b> , 150,	0
207	Madagascar Leaf-Tail Geckos ( <i>Uroplatus</i> spp.) Share Independently Evolved Differentiated ZZ/ZW Sex Chromosomes. <b>2023</b> , 12, 260	0
206	Resistance of QYm.nau-2D to wheat yellow mosaic virus was derived from an alien introgression into common wheat. <b>2023</b> , 136, 1-16	0
205	Rapid Identification of <i>Pseudomonas aeruginosa</i> International High-Risk Clones Based on High-Resolution Melting Analysis.	0
204	Development of PCR-based assays to diagnose the major fungal pathogens infecting pulse crops, potential for germplasm health certification and quarantine processing. <b>2023</b> , 39,	0
203	Micro and macroevolution of sea anemone venom phenotype. <b>2023</b> , 14,	1

- 202 Development and Single Laboratory Evaluation of a Refined and specific Real-time PCR Detection Method, Using Mitochondrial Primers (Mit1C), for the Detection of *Cyclospora cayentanensis* in Produce. **2023**, 86, 100037 ○
- 201 Hyperglycemic microenvironment compromises the homeostasis of communication between the bone-brain axis by the epigenetic repression of the osteocalcin receptor, Gpr158 in the hippocampus. **2023**, 1803, 148234 ○
- 200 Identification of HubHLH family and key role of HubHLH159 in betalain biosynthesis by activating the transcription of HuADH1, HuCYP76AD1-1, and HuDODA1 in pitaya. **2023**, 328, 111595 ○
- 199 COD-FISH: Contrastive Oligonucleotide Design for Fluorescence In-Situ Hybridization to Detect Single RNA Molecules with High Specificity. **2022**, ○
- 198 Life History Traits of Sperm Whales *Physeter macrocephalus* Linnaeus, 1758 Stranded along Italian Coasts (Cetartiodactyla: Physeteridae). **2023**, 13, 79 ○
- 197 Satellitome Analysis on *Talpa aquitania* Genome and Inferences about the satDNAs Evolution on Some Talpidae. **2023**, 14, 117 1
- 196 Venlafaxine increases aromatization, reduces apical V-ATPase in clear cells and induces increased number of mast cells and smooth muscle cells death in rat cauda epididymis. **2022**, 121329 ○
- 195 Low-elevation warm-edge *Fagus crenata* populations in the core of the species range are glacial relicts with high conservation value. ○
- 194 Variation in heat shock protein 40 kDa relates to divergence in thermotolerance among cryptic rotifer species. **2022**, 12, ○
- 193 DNA TYPING BY TELOMERASE REVERSE GENE TRANSCRIPTASE (TERT). 64, 128-134 ○
- 192 EST-SSR Markers Development Based on RNA-Sequencing and Their Application in Population Genetic Structure and Diversity Analysis of *Eleusine indica* in China. **2023**, 45, 141-150 ○
- 191 Variabilidad genética de *Anopheles punctimacula* s.l. en dos localidades de la zona endémica para la malaria: El Bajo Cauca y Alto Sinú **2016**, 5, 51-62 ○
- 190 Expansion of ventral foregut is linked to changes in the enhancer landscape for organ-specific differentiation. ○
- 189 Identification of molecular signatures and pathways involved in Rett syndrome using a multi-omics approach. ○
- 188 Emulsion oil in water formulation of methyl-eugenol increases its insecticidal activity against *Cydia pomonella* L. (Lepidoptera: Tortricidae). ○
- 187 SMAP design: a multiplex PCR amplicon and gRNA design tool to screen for natural and CRISPR-induced genetic variation. ○
- 186 TLR4 and MD2 variation among horses with differential TNF $\alpha$  baseline concentrations and response to intravenous lipopolysaccharide infusion. **2023**, 13, ○
- 185 Comprehensive Analysis of *Mycobacterium Tuberculosis* Genomes Reveals Important Variations in Bacterial Virulence. ○

- 184 Differential gene expression analysis of the resprouting process in *Pinus canariensis* provides new insights into a rare trait in conifers. ○
- 183 Function and evolution of the aquaporin *IsAQP1* in the Lyme disease vector *Ixodes scapularis*. ○
- 182 DNA methylation dynamics in a coastal foundation seagrass species under abiotic stressors. **2023**, 290, ○
- 181 Web Services for RNA-RNA Interaction Prediction. **2023**, 175-195 ○
- 180 Population genomics of the mostly thelytokous *Diplolepis rosae* (Linnaeus, 1758) (Hymenoptera: Cynipidae) reveals population-specific selection for sex. ○
- 179 Scalable Combinatorial Assembly of Synthetic DNA for Tracking Applications. **2023**, 24, 2549 ○
- 178 Improved DNA Amplification of the Hallmark IS 900 Element in *Mycobacterium avium* subsp. *paratuberculosis* : a Reexamination Based on Whole-Genome Sequence Analysis. ○
- 177 The Acute and Chronic Effects of a Sediment-Bound Synthetic Musk, Galaxolide, on *Hyaella azteca*, *Chironomus dilutus*, and *Lumbriculus variegatus*. ○
- 176 Base editing as a genetic treatment for spinal muscular atrophy. ○
- 175 Genome-Wide Characterization of the Sulfate Transporter Gene Family in Oilseed Crops: *Camelina sativa* and *Brassica napus*. **2023**, 12, 628 ○
- 174 Using environmental DNA to investigate avian interactions with flowering plants. ○
- 173 Molecular characterization of eliminated chromosomes in Hessian fly (*Mayetiola destructor* (Say)). **2023**, 31, ○
- 172 Effect of live yeast *Saccharomyces cerevisiae*; supplementation on immune factors in Japanese Black calves during the growth periods. **2023**, ○
- 171 Sida Golden Mosaic Virus, an Emerging Pathogen of Snap Bean (*Phaseolus vulgaris* L.) in the Southeastern United States. **2023**, 15, 357 ○
- 170 Human profiling from STR and SNP analysis of tropical bed bug, *Cimex hemipterus*, for forensic science. **2023**, 13, ○
- 169 The Dynamics of a Changing Lutz Spruce (*Picea x Lutzii*) Hybrid Zone on the Kenai Peninsula, Alaska. ○
- 168 SARS-CoV-2 Spike Protein Receptor Binding-ACE2 Interaction Increases Carbohydrate Sulfotransferases and Reduces N-Acetylgalactosamine-4-Sulfatase through Phospho-p38-MAPK and RB-E2F1. ○
- 167 Molecular Influence of Resiniferatoxin on the Urinary Bladder Wall Based on Differential Gene Expression Profiling. **2023**, 12, 462 ○

- 166 Tandem Repeat DNA Provides Many Cytological Markers for Hybrid Zone Analysis in Two Subspecies of the Grasshopper *Chorthippus parallelus*. **2023**, 14, 397 1
- 165 An Improved Method for Prioritizing Polymerase Chain Reaction (PCR) Primer Design in Sanger Sequencing. **2022**, 0
- 164 Limited cross-species virus transmission in a spatially restricted coral reef fish community. **2023**, 9, 0
- 163 Novel inducible promoter DREB1G cloned from date palm exhibits high fold expression over AtRD29 to drought and salinity stress. 0
- 162 Shark and ray genome size estimation: methodological optimization for inclusive and controllable biodiversity genomics. 0
- 161 The complete mitochondrial genome of *Mystus gulio* Hamilton (Siluriformes: Bagridae) and its phylogenetic implication. **2023**, 8, 439-442 0
- 160 Genome scale analysis of 1-aminocyclopropane-1-carboxylate oxidase gene family in *G. barbadense* and its functions in cotton fiber development. **2023**, 13, 0
- 159 Plastome-based Phylogenomic analyses provide insights into the germplasm resource diversity of *Cibotium* in China. 0
- 158 RNA landscapes of brain tissue and brain tissue-derived extracellular vesicles in simian immunodeficiency virus (SIV) infection and SIV-related central nervous system pathology. 0
- 157 One pipeline to predict them all? On the prediction of alternative splicing from RNA-Seq data. **2023**, 653, 31-37 0
- 156 From invasion to fish fodder: Inclusion of the brown algae *Rugulopteryx okamurae* in aquafeeds for European sea bass *Dicentrarchus labrax* (L., 1758). **2023**, 568, 739318 1
- 155 Comparative transcriptome analysis revealed genes involved in the sexual size dimorphisms and expressed sequence tag-Simple Sequence Repeat loci validation in *Odonotermes formicivorus*. 11, 0
- 154 Identification of two insecticide resistance markers in Ethiopian *Anopheles stephensi* mosquitoes using a multiplex amplicon sequencing assay. **2023**, 13, 0
- 153 Immune Profile of Exosomes in African American Breast Cancer Patients Is Mediated by Kaiso/THBS1/CD47 Signaling. **2023**, 15, 2282 0
- 152 Lowering temperature to 1 °C results in physiological changes, stress and mortality in cultured Atlantic Salmon (*Salmo salar*). **2023**, 568, 739313 0
- 151 Expression analysis of cell cycle related lncRNAs in breast cancer tissues. **2023**, 245, 154453 0
- 150 Effect of acidic conditions on the growth and expression of two virulence genes of *Listeria monocytogenes* serotype 4b. **2023**, 174, 104042 0
- 149 Phenotypic characterization of the wheat temperature-sensitive leaf color mutant and physical mapping of mutant gene by reduced-representation sequencing. **2023**, 330, 111657 0

- 148 Recapitulating phenotypes of alcohol dependence via overexpression of Oprk1 in the ventral tegmental area of non-dependent TH::Cre rats. **2023**, 228, 109457 ○
- 147 A quantitative eDNA-based approach to monitor fish spawning in lakes: Application to European perch and whitefish. **2023**, 264, 106708 ○
- 146 Identification and genetic mapping of novel resistance gene, Rvn4, for pear scab in Chinese pear. **2023**, 317, 112032 ○
- 145 Genome-wide identification and characterization of members of the LEA gene family in *Panax notoginseng* and their transcriptional responses to dehydration of recalcitrant seeds. **2023**, 24, ○
- 144 Identification of Candidate Genes Involved in the Determinism of Pollen Grain Aperture Morphology by Comparative Transcriptome Analysis in Papaveraceae. **2023**, 12, 1570 ○
- 143 Primerdiffer: a python command line module for large-scale primer design in haplotype genotyping. ○
- 142 Overexpression of banana GDP-L-galactose phosphorylase (GGP) modulates the biosynthesis of ascorbic acid in *Arabidopsis thaliana*. **2023**, 237, 124124 ○
- 141 Validation of stable reference genes in peripheral blood mononuclear cells for expression studies involving vector-borne haemoparasitic diseases in bovines. **2023**, 14, 102168 ○
- 140 An Efficient and User-Friendly Software for PCR Primer Design for Detection of Highly Variable Bacteria. **2022**, 138-147 ○
- 139 Whole Exome Sequencing for the Diagnosis of Rare Genetic Neurodevelopmental Disorders Associated with Cerebellar Atrophy. ○
- 138 Data of SSRs primers for high-throughput genotyping-by-sequencing (SSR-Seq) based on the partial genome assembly of *Eugenia klotzschiana* (Myrtaceae). **2023**, 47, 108917 ○
- 137 Expression of genes related to hydrogen peroxide generation and phytohormones in *Ganoderma*-inoculated oil palm seedlings pretreated with phytohormones and their inhibitors. **2023**, 33, 100405 ○
- 136 Insights into the Sulfate Transporter Gene Family and Its Expression Patterns in Durum Wheat Seedlings under Salinity. **2023**, 14, 333 3
- 135 The Metagenomic Analysis of Viral Diversity in Colorado Potato Beetle Public NGS Data. **2023**, 15, 395 ○
- 134 Rootstock increases the physiological defence of tomato plants against *Pseudomonas syringae* pv. *tomato* infection. ○
- 133 Validation of the Reference Genes for Expression Analysis in the Hippocampus after Transient Ischemia/Reperfusion Injury in Gerbil Brain. **2023**, 24, 2756 ○
- 132 Skin Colonization with *S. aureus* Can Lead to Increased NLRP1 Inflammasome Activation in Patients with Atopic Dermatitis. **2023**, ○
- 131 4-Allyl-2-methoxyphenol modulates the expression of genes involved in efflux pump, biofilm formation and sterol biosynthesis in azole resistant *Aspergillus fumigatus*. 13, ○

- 130 Exogenous gibberellic acid shortening after-ripening process and promoting seed germination in a medicinal plant *Panax notoginseng*. **2023**, 23, ○
- 129 Vertical Transmission of *Salmonella enterica* ser. *Gallinarum* in *Dermanyssus gallinae* by the Mean of the Baudruche-Based Artificial Feeding Device. **2023**, 13, 1929 ○
- 128 Next-Generation Sequencing of the Complete Huaibei Grey Donkey Mitogenome and Mitogenomic Phylogeny of the Equidae Family. **2023**, 13, 531 ○
- 127 Screening and Analyzing of Genes and Signaling Pathways Associated with Size Differentiation of Adult Male Prawn *Macrobrachium nipponense*. **2023**, 2023, 1-16 ○
- 126 Dual RNA sequencing of group B *Streptococcus*-infected human monocytes reveals new insights into host-pathogen interactions and bacterial evasion of phagocytosis. **2023**, 13, ○
- 125 The chickpea root rot complex in Saskatchewan, Canada- detection of emerging pathogens and their relative pathogenicity. 14, ○
- 124 Comparative Transcriptome Analysis Reveals OsBGs and OsGSLs Influence Sugar Transport through Callose Metabolism under Heat Stress in Rice. **2023**, 24, 3175 ○
- 123 Molecular hydrogen in seawater supports growth of diverse marine bacteria. **2023**, 8, 581-595 ○
- 122 Overexpression of Water-Responsive Genes Promoted by Elevated CO<sub>2</sub> Reduces ROS and Enhances Drought Tolerance in *Coffea* Species. **2023**, 24, 3210 ○
- 121 Leaves of *Moringa oleifera* Are Potential Source of Bioactive Compound  $\beta$ -Carotene: Evidence from In Silico and Quantitative Gene Expression Analysis. **2023**, 28, 1578 1
- 120 The Impact of Variation in the Toll-like Receptor 3 Gene on Epizootic Hemorrhagic Disease in Illinois Wild White-Tailed Deer (*Odocoileus virginianus*). **2023**, 14, 426 ○
- 119 CriSNPr, a single interface for the curated and de novo design of gRNAs for CRISPR diagnostics using diverse Cas systems. 12, ○
- 118 Expression patterns of Cytochrome P4501A gene induced by environmental conditions and glucocorticoid response elements (GRE) in wild fish lagoon *Fundulus* species. **2023**, 61, 102865 ○
- 117 RNA localization to the mitotic spindle is essential for early development and is regulated by kinesin-1 and dynein. **2023**, 136, ○
- 116 Diagnostic Molecular Markers for Identification of Different Races and a Pathotype of Columbia Root Knot Nematode. ○
- 115 Using Multiplex Amplicon PCR Technology to Efficiently and Timely Generate Rift Valley Fever Virus Sequence Data for Genomic Surveillance. **2023**, 15, 477 ○
- 114 Odorant-Binding and Chemosensory Proteins in *Anthonomus eugenii* (Coleoptera: Curculionidae) and Their Tissue Expression. **2023**, 24, 3406 ○
- 113 The *E. coli* pathobiont LF82 encodes a unique variant of  $\lambda$  that results in specific gene expression changes and altered phenotypes. ○



112	Stepwise recombination suppression around the mating-type locus in an ascomycete fungus with self-fertile spores. <b>2023</b> , 19, e1010347	0
111	Sex and diet-dependent gene alterations in human and rat brains with a history of nicotine exposure. 14,	0
110	Inherited mutations affecting the SRCAP complex are central in moderate-penetrance predisposition to uterine leiomyomas. <b>2023</b> , 110, 460-474	1
109	EFFECTS OF TRAUMA PLASMA-DERIVED EXOSOMES ON HEMATOPOIETIC PROGENITOR CELLS. <b>2023</b> , 59, 591-598	0
108	Modified High-Resolution Melting (HRM) Marker Systems Increasing Discriminability Between Homozygous Alleles. <b>2023</b> , 351-363	0
107	Multiple mutations in the Nav1.4 sodium channel of New Guinean toxic birds provide autoresistance to deadly batrachotoxin.	0
106	A Set of Highly Polymorphic Microsatellite Markers for Genetic Diversity Studies in the Genus <i>Origanum</i> . <b>2023</b> , 12, 824	1
105	Diagnosis of <i>Fusarium oxysporum</i> f. sp. <i>ciceris</i> causing Fusarium wilt of chickpea using loop-mediated isothermal amplification (LAMP) and conventional end-point PCR. <b>2023</b> , 13,	1
104	MLVA genotyping of <i>Moritella viscosa</i> reveals serial emergence of novel, host-specific clonal complexes in Norwegian salmon farming. <b>2023</b> , 46, 535-543	0
103	Confirmation and detection of novel acetolactate synthase- and protoporphyrinogen oxidase-inhibiting herbicide-resistant redroot pigweed ( <i>Amaranthus retroflexus</i> ) populations in North Carolina. <b>2023</b> , 71, 84-94	0
102	Genomic-based microsatellite development for <i>Ternstroemia</i> (Pentaphragmataceae) and transferability to other Ericales. <b>2023</b> , 50, 3547-3555	0
101	AutoPLP: A Padlock Probe Design Pipeline for Zoonotic Pathogens. <b>2023</b> , 9, 459-469	0
100	Maps of Constitutive-Heterochromatin Distribution for Four Martes Species (Mustelidae, Carnivora, Mammalia) Show the Formative Role of Macrosatellite Repeats in Interspecific Variation of Chromosome Structure. <b>2023</b> , 14, 489	0
99	Short-term fructose feeding alters tissue metabolic pathways by modulating microRNAs expression both in young and adult rats. 11,	0
98	Genome survey and genetic characterization of <i>Acacia pachyceras</i> O. Schwartz. 14,	0
97	Identification and validation of novel genomic SSR markers for molecular characterization of guava ( <i>Psidium guajava</i> L.). <b>2023</b> , 155, 79-89	0
96	Development of quantitative PCR and digital PCR for the quantification of <i>Leishmania infantum</i> in dogs.	0
95	Ingestion of Species-Specific dsRNA Alters Gene Expression and Can Cause Mortality in the Forest Pest, <i>Ips calligraphus</i> . <b>2023</b> , 14, 422	0

- 94 Peroxiredoxins and Hypoxia-Inducible Factor-1 $\alpha$  in Duodenal Tissue: Emerging Factors in the Pathophysiology of Pediatric Celiac Disease Patients. **2023**, 45, 1779-1793 ○
- 93 Activated PI3K delta syndrome 1 mutations cause neutrophilia in zebrafish larvae. **2023**, 16, ○
- 92 Novel In Situ Hybridization Assay for Chromogenic Single-Molecule Detection of Human Papillomavirus E6/E7 mRNA. **2023**, 11, ○
- 91 A Comprehensive Genetic Analysis of Slovenian Families with Multiple Cases of Orofacial Clefts Reveals Novel Variants in the Genes IRF6, GRHL3, and TBX22. **2023**, 24, 4262 ○
- 90 Re-Evaluation of Genotyping Methodologies in Cattle: The Proficiency of Imputation. **2023**, 14, 547 ○
- 89 Multicenter Preparedness Exercise Enables Rapid Development of Cluster-Specific PCR-Based Screening Assays from Bacterial Genomic Data. **2023**, 61, ○
- 88 Anti-Inflammatory Effect of Caffeine on Muscle under Lipopolysaccharide-Induced Inflammation. **2023**, 12, 554 ○
- 87 Development of two new sets of PCR primers for eDNA metabarcoding of brittle stars (Echinodermata, Ophiuroidea). 7, ○
- 86 Recombinant Gonadotropins to Induce Oocyte Development In Vitro and In Vivo in the European Eel *Anguilla anguilla*. **2023**, 8, 123 ○
- 85 Genome sequence of *Leishmania mexicana* MNYC/BZ/62/M379 expressing Cas9 and T7 RNA polymerase. 7, 294 ○
- 84 Pathogenicity of *Fusarium oxysporum* and *Fusarium proliferatum* isolates from symptomless onions (*Allium cepa*) and onions with *Fusarium* basal rot. ○
- 83 In vitro differentiation of myeloid suppressor cells (MDSC-like) from an immature myelomonocytic precursor THP-1. **2023**, 515, 113441 ○
- 82 The prevalence of pharmacogenetic variants of vitamin K epoxide reductase complex subunit 1 gene (rs9923231), cytochrome P450 family 2 subfamily C member 9 gene (rs1799853) and cytochrome P450 family 3 subfamily-A member-5 gene (rs776746) among 13 ethnic groups of Pakistan. ○
- 81 Rapid CRISPR-Cas13a genetic identification enables new opportunities for listed Chinook salmon management. ○
- 80 Development of an array of molecular tools for the identification of khapra beetle (*Trogoderma granarium*), a destructive beetle of stored food products. **2023**, 13, ○
- 79 Keratitis-ichthyosis-deafness syndrome with heterozygous p.D50N in the GJB2 gene in two Serbian adult patients. **2023**, 25, 79-84 ○
- 78 Metadherin Regulates Inflammatory Breast Cancer Invasion and Metastasis. **2023**, 24, 4694 ○
- 77 Modulation of anthocyanin accumulation in storage roots of sweetpotato by transcription factor IbMYB1-2 through direct binding to anthocyanin biosynthetic gene promoters. **2023**, 196, 868-879 ○

- 76 I Choose You: Selecting Accurate Reference Genes for qPCR Expression Analysis in Reproductive Tissues in *Arabidopsis thaliana*. **2023**, 13, 463 ○
- 75 Causal Variations at IRF6 Gene Identified in Van der Woude Syndrome Pedigrees. 105566562311575 ○
- 74 BaM-seq and TBaM-seq, highly multiplexed and targeted RNA-seq protocols for rapid, low-cost library generation from bacterial samples. **2023**, 5, ○
- 73 MicroRNA172b-5p/trehalose-6-phosphate synthase module stimulates trehalose synthesis and microRNA172b-3p/AP2-like module accelerates flowering in barley upon drought stress. 14, ○
- 72 Molecular Cytogenetics in Domestic Bovids: A Review. **2023**, 13, 944 ○
- 71 Genotypic and morphological diversity of trematodes *Leucochloridium paradoxum*. **2023**, 122, 997-1007 ○
- 70 Machine learning-aided scoring of synthesis difficulties for designer chromosomes. ○
- 69 Noncoding Regulatory RNAs: Isolation and Analysis of Neuronal Circular RNAs and MicroRNAs. **2023**, 71-83 ○
- 68 A GHRHR founder mutation causes isolated growth hormone deficiency type IV in a consanguineous Pakistani family. 14, ○
- 67 Monitoring the birds and the bees: Environmental DNA metabarcoding of flowers detects plant-animal interactions. ○
- 66 AtSWEET11 and AtSWEET12 transporters function in tandem to modulate sugar flux in plants. **2023**, 7, ○
- 65 Association of a variant upstream of growth differentiation factor 11 (GDF11) on carcass traits in crossbred beef cattle. **2023**, 7, ○
- 64 Mutations in embB406 are associated with low-level ethambutol resistance in Canadian *Mycobacterium tuberculosis* isolates. ○
- 63 Effect of antibiotic monensin on cell proliferation and IGF1R signaling pathway in human colorectal cancer cells. **2023**, 55, 954-964 ○
- 62 Gene expression during the formation of resting spores induced by nitrogen starvation in the marine diatom *Chaetoceros socialis*. **2023**, 24, ○
- 61 Quantitative trait loci for rolled leaf in a wheat EMS mutant from Jagger. **2023**, 136, ○
- 60 Multiplex PCR for Discriminating Host Plant Associations of *Hyalesthes obsoletus* (Hemiptera: Cixiidae), a Key Vector and Driver of *Cl. Phytoplasma solani* Epidemiology. **2023**, 13, 831 ○
- 59 Fine-Mapping Analysis of the Genes Associated with Pre-Harvest Sprouting Tolerance in Rice (*Oryza sativa* L.). **2023**, 13, 818 ○

- 58 An extra-circadian function for human CLOCK in the neocortex. ○
- 57 Development of a Multiplex qPCR Assay for Fast Detection and Differentiation of Paracoccidioidomycosis Agents. **2023**, 9, 358 ○
- 56 Evaluation and deployment of isotype-specific salivary antibody assays for detecting previous SARS-CoV-2 infection in children and adults. **2023**, 3, ○
- 55 High-Throughput Microsatellite Markers Development for Genetic Characterization of Emerging Sporothrix Species. **2023**, 9, 354 ○
- 54 Liver tissues oxidative status, epigenetic and molecular characteristics in rats administered magnetic and microwave treated water. **2023**, 13, ○
- 53 Transcriptome analysis of *Aurantiochytrium limacinum* under low salt conditions. **2023**, 134, ○
- 52 Modulation of wheat grain dormancy by introducing the recombinant abscisic acid-stimulated abscisic acid biosynthesis gene. **2023**, 40, 31-41 ○
- 51 Fitness correlates of blubber oxidative stress and cellular defences in grey seals (*Halichoerus grypus*): support for the life-history-oxidative stress theory from an animal model of simultaneous lactation and fasting. ○
- 50 Development of twenty-one novel microsatellite loci for *Gila topminnow*, *Poeciliopsis occidentalis occidentalis*. ○
- 49 Citrus Bright Spot Virus: A New Dichorhavirus, Transmitted by *Brevipalpus azores*, Causing Citrus Leprosis Disease in Brazil. **2023**, 12, 1371 ○
- 48 Evidence for a single, ancient origin of a genus-wide alternative life history strategy. **2023**, 9, ○
- 47 T-cell lymphoma, large B-cell lymphoma in the brain of a horse. 104063872311643 ○
- 46 The use of a candidate gene approach to study *Botrytis cinerea* resistance in *Gerbera hybrida*. 14, ○
- 45 A validated protocol for eDNA-based monitoring of within-species genetic diversity in a pond-breeding amphibian. **2023**, 13, ○
- 44 Development and testing of microsatellite loci for the study of population genetics of *Ixodes ricinus* Linnaeus, 1758 and *Ixodes inopinatus* Estrada-Peña, Nava and Petney, 2014 (Acari: Ixodidae) in the western Mediterranean region. **2023**, 63, 356-372 ○
- 43 Molecular Characterization of *Avitellina lahorea* Woodland, 1927 (Class Cestoda; Family Anoplocephalidae) Infecting Sheep and Goats Raised in India. ○
- 42 In-depth study of tomato and weed viromes reveals undiscovered plant virus diversity in an agroecosystem. **2023**, 11, ○
- 41 TIMP3 induces gene expression partly through PI3K and their association with vascularization and heart rate. 10, ○

- 40 Potential key genes involved in metabolic resistance to malathion in the southern house mosquito, *Culex quinquefasciatus*, and functional validation of CYP325BC1 and CYP9M12 as candidate genes using RNA interference. **2023**, 24, ○
- 39 Development and validation of multiplex PCR based molecular serotyping of *Salmonella* serovars associated with poultry in India. **2023**, 207, 106710 ○
- 38 Responses of flavonoids to solar UV radiation and gradual soil drying in two *Medicago truncatula* accessions. ○
- 37 Genetic and Molecular Quality Control of Genetically Engineered Mice. **2023**, 53-101 ○
- 36 5-Aza-2'-Deoxycytidine (5-Aza-dC, Decitabine) Inhibits Collagen Type I and III Expression in TGF- $\beta$ -Treated Equine Endometrial Fibroblasts. **2023**, 13, 1212 ○
- 35 Virus-Host Dynamics in Archaeal Groundwater Biofilms and the Associated Bacterial Community Composition. **2023**, 15, 910 ○
- 34 Inulin increases the EPS biosynthesis of *Lactobacillus delbrueckii* ssp. *bulgaricus* LDB-C1. ○
- 33 Human Serum Supplementation Promotes *Streptococcus mitis* Growth and Induces Specific Transcriptomic Responses. ○
- 32 Shine: A novel strategy to extract specific, sensitive and well-conserved biomarkers from massive microbial genomic datasets. **2023**, 24, ○
- 31 STAT3 and HIF1 $\alpha$  cooperatively mediate the transcriptional and physiological responses to hypoxia. ○
- 30 Characterization and genetic diversity of MHC class II DRB genes in the Arabian camel (*Camelus dromedarius*). ○
- 29 Gluconic acid improves performance of newly weaned piglets associated with alterations in gut microbiome and fermentation. **2023**, 9, ○
- 28 Comparative transcriptome analysis of juniper branches infected by *Gymnosporangium* spp. highlights their different infection strategies associated with cytokinins. **2023**, 24, ○
- 27 Detection and distribution of the North Atlantic capelin (*Mallotus villosus*) using environmental DNA comparison with data from the main fishery management survey. ○
- 26 Identification of GLI1 and KIAA0825 Variants in Two Families with Postaxial Polydactyly. **2023**, 14, 869 ○
- 25 Correction of *Clcn1* alternative splicing reverses muscle fiber type transition in mice with myotonic dystrophy. **2023**, 14, ○
- 24 Multiple biomarkers response of *Astyanax lacustris* (Teleostei: Characidae) exposed to manganese and temperature increase. **2023**, 100, 104124 ○
- 23 *Tetraclinis articulata* essential oil emulsion use as alternative to chemical fungicide to control tomato grey mould disease. 1-13 ○

- 22 mRNA Sequencing Reveals Upregulation of Glutathione S-Transferase Genes during Acanthamoeba Encystation. **2023**, 11, 992 ○
- 21 A Brief Practical Guide to PCR. **2023**, 3-13 ○
- 20 LT-RPA: An Isothermal DNA Amplification Approach for Improved Microsatellite Genotyping and Microsatellite Instability Detection. **2023**, 91-109 ○
- 19 Multiplex Digital Methylation-Specific PCR for Noninvasive Screening of Lung Cancer. ○
- 18 A bacterial autotransporter impairs innate immune responses by targeting the transcription factor TFE3. **2023**, 14, ○
- 17 Comparison of two molecular barcodes for the study of equine strongylid communities with amplicon sequencing. 11, e15124 ○
- 16 A comparison of three different delivery methods for achieving CRISPR/Cas9 mediated genome editing in Cichorium intybus L.. 14, ○
- 15 Personalized tissue-engineered veins: long term safety, functionality and cellular transcriptome analysis in large animals. ○
- 14 Increased prevalence of the founder BRCA1 c.5309G>T and recurrent BRCA2 c.1310\_1313delAAGA mutations in breast cancer families from Northerstern region of Morocco: evidence of geographical specificity and high relevance for genetic counseling. **2023**, 23, ○
- 13 STRavinsky STR database and PGTailor PGT tool demonstrate superiority of CHM13-T2T over hg38 and hg19 for STR-based applications. ○
- 12 Design and validation of Dolosigranulum pigrum specific PCR primers using the bacterial core genome. **2023**, 13, ○
- 11 Effect of Vicia sativa L. on Motility, Mortality and Expression Levels of hsp Genes in J2 Stage of Meloidogyne hapla. **2023**, 55, ○
- 10 Dosage sensitivity to Pumilio1 variants in the mouse brain reflects distinct molecular mechanisms. ○
- 9 Dynamin-like proteins mediate extracellular vesicle secretion in Mycobacterium tuberculosis. ○
- 8 CO1 barcodes resolve an asymmetric biphyletic clade for Diabrotica undecimpunctata subspecies and provide nucleotide variants for differentiation from related lineages using real-time PCR. 3, ○
- 7 The GH/IGF axis in the sea lamprey during metamorphosis and seawater acclimation. **2023**, 11 1937 ○
- 6 Endoplasmic reticulum stress and ubiquitin-proteasome system impairment in natural scrapie. 16, ○
- 5  $\beta$ Thalassemia, a New Hemoglobinopathy Category. ○

- 4 DIGGER-Bac: prediction of seed regions for high-fidelity construction of synthetic small RNAs in bacteria. ○
- 3 Carbazole Degradation and Genetic Analyses of *Sphingobium* sp. Strain BS19 Isolated from Antarctic Soil. **2023**, 15, 7197 ○
- 2 Screening of barley germplasm for drought tolerance based on root architecture, agronomic traits and identification of novel allelic variants of HVA1. ○
- 1 Stable expression of *Helicobacter pylori* cagA oncoprotein in brinjal. ○