

# CITATION REPORT

List of articles citing

**The neighbor-joining method: a new method for reconstructing phylogenetic trees**

**DOI: 10.1093/oxfordjournals.molbev.a040454**  
**Molecular Biology and Evolution, 1987, 4, 406-25.**

**Source:** <https://exaly.com/paper-pdf/18942262/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
2205	Introduction: South American indigenous languages; genealogy, typology, contacts. <b>1920</b> , 1-26		1
2204	Human migrations, dispersals, and contacts in South America. <b>1920</b> , 29-55		
2203	Basic vocabulary comparison in South American languages. <b>1920</b> , 56-70		3
2202	Structural features and language contact in the Isthmo-Colombian area. <b>1920</b> , 73-101		3
2201	The Andean foothills and adjacent Amazonian fringe. <b>1920</b> , 102-125		9
2200	The Andean matrix. <b>1920</b> , 126-151		1
2199	The Arawakan matrix. <b>1920</b> , 152-176		4
2198	The Tupian expansion. <b>1920</b> , 177-200		2
2197	Language internal and external factors in the development of the desiderative in South American indigenous languages. <b>1920</b> , 203-222		1
2196	The Noun Phrase: focus on demonstratives, redrawing the semantic map. <b>1920</b> , 250-273		1
2195	Subordination strategies in South America: nominalization. <b>1920</b> , 274-296		7
2194	The languages of South America: deep families, areal relationships, and language contact. <b>1920</b> , 299-322		4
2193	References. <b>1920</b> , 323-365		
2192	Verbal argument marking patterns in South American languages. <b>1920</b> , 223-249		11
2191	Rates of nucleotide substitution vary greatly among plant mitochondrial, chloroplast, and nuclear DNAs. <b>1987</b> , 84, 9054-8		1651
2190	Evolution of mitochondrial DNA in monkeys, apes, and humans. <b>1988</b> , 31, 15-48		68
2189	Property and efficiency of the maximum likelihood method for molecular phylogeny. <b>1988</b> , 27, 261-73		73

2188	Molecular cloning of multiple bovine aspartyl protease genes. <b>1988</b> , 71, 135-46	16
2187	Dinoflagellates in evolution. A molecular phylogenetic analysis of large subunit ribosomal RNA. <b>1989</b> , 29, 40-51	220
2186	Phylogeny of nitrogenase sequences in Frankia and other nitrogen-fixing microorganisms. <b>1989</b> , 29, 436-47	113
2185	Effectiveness of measures requiring and not requiring prior sequence alignment for estimating the dissimilarity of natural sequences. <b>1989</b> , 29, 526-37	46
2184	Average values of a dissimilarity measure not requiring sequence alignment are twice the averages of conventional mismatch counts requiring sequence alignment for a computer-generated model system. <b>1989</b> , 29, 538-47	27
2183	Evolution of nested genes with special reference to cuticle proteins in <i>Drosophila melanogaster</i> . <b>1989</b> , 28, 391-7	5
2182	Phylogenetic evidence for the relationship between the genera <i>Mobiluncus</i> and <i>Actinomyces</i> . <b>1989</b> , 65, 17-21	11
2181	Nucleotide sequences of immunoglobulin-epsilon pseudogenes in man and apes and their phylogenetic relationships. <b>1989</b> , 205, 85-90	42
2180	Does <i>Thermus</i> Represent Another Deep Eubacterial Branching?. <b>1989</b> , 11, 243-249	40
2179	Shared class II MHC polymorphisms between humans and chimpanzees. <b>1989</b> , 26, 107-21	117
2178	The evolution of specificity in the legume-rhizobium symbiosis. <b>1989</b> , 4, 341-9	101
2177	Potassium channels from NG108-15 neuroblastoma-glioma hybrid cells. Primary structure and functional expression from cDNAs. <b>1989</b> , 259, 37-42	165
2176	A tool for multiple sequence alignment. <b>1989</b> , 86, 4412-5	376
2175	Evolutionary relationship of archaeobacteria, eubacteria, and eukaryotes inferred from phylogenetic trees of duplicated genes. <b>1989</b> , 86, 9355-9	733
2174	Host-independent evolution and a genetic classification of the hepadnavirus family based on nucleotide sequences. <b>1989</b> , 86, 7059-62	181
2173	Date of the monocot-dicot divergence estimated from chloroplast DNA sequence data. <b>1989</b> , 86, 6201-5	528
2172	Molecular phylogeny of Rodentia, Lagomorpha, Primates, Artiodactyla, and Carnivora and molecular clocks. <b>1990</b> , 87, 6703-7	232
2171	Allelic diversification at the class II DQB locus of the mammalian major histocompatibility complex. <b>1990</b> , 87, 1835-9	112

2170	Evolution of Drosophila mitochondrial DNA and the history of the melanogaster subgroup. <b>1990</b> , 87, 9558-62	74
2169	Polymorphism at the self-incompatibility locus in Solanaceae predates speciation. <b>1990</b> , 87, 9732-5	238
2168	Characterization of amplification core and esterase B1 gene responsible for insecticide resistance in Culex. <b>1990</b> , 87, 2574-8	115
2167	Close evolutionary relatedness of archaeobacteria, Methanococcus and Halobacterium, to eukaryotes demonstrated by composite phylogenetic trees of elongation factors EF-Tu and EF-G: Eocyte tree is unlikely.. <b>1990</b> , 65, 109-114	10
2166	Maximum likelihood methods. <b>1990</b> , 183, 584-98	21
2165	Phylogenetic distribution of branched RNA-linked multicopy single-stranded DNA among natural isolates of Escherichia coli. <b>1990</b> , 172, 6175-81	436
2164	ALLOZYME DIVERGENCE WITHIN THE BOVIDAE. <b>1990</b> , 44, 2135-2149	23
2163	Brucella abortus 16S rRNA and lipid A reveal a phylogenetic relationship with members of the alpha-2 subdivision of the class Proteobacteria. <b>1990</b> , 172, 3569-76	188
2162	ACCURACY OF ESTIMATED PHYLOGENIES: EFFECTS OF TREE TOPOLOGY AND EVOLUTIONARY MODEL. <b>1990</b> , 44, 1671-1684	109
2161	Maximum parsimony approach to construction of evolutionary trees from aligned homologous sequences. <b>1990</b> , 183, 601-15	31
2160	Statistical tests of molecular phylogenies. <b>1990</b> , 183, 645-59	26
2159	The major histocompatibility complex and the quest for origins. <b>1990</b> , 113, 5-25	61
2158	Evolution of the class II major histocompatibility complex alleles in higher primates. <b>1990</b> , 113, 65-82	44
2157	The generation and maintenance of MHC class II gene polymorphism in rodents. <b>1990</b> , 113, 207-26	47
2156	The cDNA and protein sequences of mouse lactate dehydrogenase B. Molecular evolution of vertebrate lactate dehydrogenase genes A (muscle), B (heart) and C (testis). <b>1990</b> , 189, 215-20	22
2155	The major histocompatibility complex and human evolution. <b>1990</b> , 6, 7-11	62
2154	Primate evolution at the DNA level and a classification of hominoids. <b>1990</b> , 30, 260-6	111
2153	The TEACL method of DNA-DNA hybridization: technical considerations. <b>1990</b> , 30, 267-72	24

2152	Higher plant origins and the phylogeny of green algae. <b>1990</b> , 31, 18-24	35
2151	Compositional statistics: an improvement of evolutionary parsimony and its application to deep branches in the tree of life. <b>1990</b> , 31, 51-68	61
2150	Molecular evolution of human T-cell leukemia virus. <b>1990</b> , 31, 493-9	37
2149	Evolution of proteins of the cystatin superfamily. <b>1990</b> , 30, 60-71	251
2148	A method for molecular phylogeny construction by direct use of nucleotide sequence data. <b>1990</b> , 30, 85-93	17
2147	Origin of tetrapods inferred from their mitochondrial DNA affiliation to lungfish. <b>1990</b> , 31, 359-64	179
2146	Mitochondrial DNA evolution in primates: transition rate has been extremely low in the lemur. <b>1990</b> , 31, 113-21	68
2145	Mitochondrial DNA evolution in the obscura species subgroup of <i>Drosophila</i> . <b>1990</b> , 31, 122-31	43
2144	Compartmentalized isozyme genes and the origin of introns. <b>1990</b> , 31, 205-10	19
2143	Evolutionary study on the Coxsackievirus A 24 variant causing acute hemorrhagic conjunctivitis by oligonucleotide mapping analysis of RNA genome. <b>1990</b> , 114, 37-51	15
2142	Differentiation of restriction sites in ribosomal DNA in the genus <i>Apodemus</i> . <b>1990</b> , 28, 137-49	27
2141	Evolutionary changes in influenza B are not primarily governed by antibody selection. <b>1990</b> , 87, 3884-8	68
2140	Convergent evolution of the red- and green-like visual pigment genes in fish, <i>Astyanax fasciatus</i> , and human. <b>1990</b> , 87, 9315-8	183
2139	Relationships between intrapopulational and interpopulational genetic diversity in man. <b>1990</b> , 17, 501-13	34
2138	Evolutionary origin of human and simian immunodeficiency viruses. <b>1990</b> , 87, 4108-11	39
2137	Nucleotide sequences of 16S rRNA from ten <i>Serratia</i> species. <b>1990</b> , 141, 1139-49	17
2136	Evolutionary hypervariability in the hinge region of the immunoglobulin alpha gene. <b>1990</b> , 215, 201-6	41
2135	Isolation, DNA sequence and evolution of a color visual pigment gene of the blind cave fish <i>Astyanax fasciatus</i> . <b>1990</b> , 30, 807-16	49

2134	A repeating amino acid motif in CDC23 defines a family of proteins and a new relationship among genes required for mitosis and RNA synthesis. <b>1990</b> , 60, 307-17	472
2133	Molecular evolution and zinc ion binding motif of leukotriene A4 hydrolase. <b>1990</b> , 171, 216-21	38
2132	The salmon gene encoding apolipoprotein A-I: cDNA sequence, tissue expression and evolution. <b>1991</b> , 104, 155-61	35
2131	Phylogeny of primate major histocompatibility complex DRB alleles. <b>1991</b> , 31, 28-33	10
2130	Of HLA, trypts, and selection: an essay on coevolution of MHC and parasites. <b>1991</b> , 30, 247-58	27
2129	The evolution of allelic diversity at the primate major histocompatibility complex class II loci. <b>1991</b> , 30, 110-8	19
2128	The immunoglobulin family. <b>1991</b> , 1, 384-393	15
2127	Nucleotide sequence of mouse Tcp-1a cDNA. <b>1991</b> , 105, 269-73	15
2126	The ATP synthase of Halobacterium salinarium (halobium) is an archaeobacterial type as revealed from the amino acid sequences of its two major subunits. <b>1991</b> , 286, 111-6	69
2125	Evolutionary origin of numerous kringles in human and simian apolipoprotein(a). <b>1991</b> , 287, 146-8	16
2124	Secondary structure as a constraint on the evolution of a plant viral satellite RNA. <b>1991</b> , 221, 1065-9	26
2123	Evolution of the sarafotoxin/endothelin superfamily of proteins. <b>1991</b> , 29, 237-44	29
2122	Human D-type cyclin. <b>1991</b> , 65, 691-9	647
2121	Premature initiation of mitosis in yeast lacking RCC1 or an interacting GTPase. <b>1991</b> , 66, 347-60	227
2120	The alpha-ketoacid dehydrogenase complexes. Sequence similarity of rat pyruvate dehydrogenase with Escherichia coli and Azotobacter vinelandii alpha-ketoglutarate dehydrogenase. <b>1991</b> , 1089, 1-7	31
2119	The Genus Magnetospirillum gen. nov. Description of Magnetospirillum gryphiswaldense sp. nov. and Transfer of Aquaspirillum magnetotacticum to Magnetospirillum magnetotacticum comb. nov.. <b>1991</b> , 14, 379-385	216
2118	Gorilla major histocompatibility complex-DRB pseudogene orthologous to HLA-DRBVIII. <b>1991</b> , 32, 211-20	23
2117	VOSTORG: a package of microcomputer programs for sequence analysis and construction of phylogenetic trees. <b>1991</b> , 101, 251-4	53

2116	Phylogeny of the phototrophic rhizobium strain BTai1 by polymerase chain reaction-based sequencing of a 16S rRNA gene segment. <b>1991</b> , 173, 2271-7	345
2115	MOLECULAR AND GEOLOGIC EVIDENCE OF SHARED HISTORY BETWEEN HERMIT CRABS AND THE SYMBIOTIC GENUS HYDRACTINIA. <b>1991</b> , 45, 1301-1316	37
2114	Phylogenetic relationships among Frankia genomic species determined by use of amplified 16S rDNA sequences. <b>1991</b> , 173, 4072-8	98
2113	Branching pattern in the evolutionary tree for human mitochondrial DNA. <b>1991</b> , 88, 1597-601	317
2112	Drift, admixture, and selection in human evolution: a study with DNA polymorphisms. <b>1991</b> , 88, 839-43	292
2111	Nucleotide sequence analysis of Adh genes estimates the time of geographic isolation of the Bogota population of <i>Drosophila pseudoobscura</i> . <b>1991</b> , 88, 6097-101	60
2110	Amplification of major histocompatibility complex class II gene diversity by intraexonic recombination. <b>1991</b> , 88, 453-7	67
2109	Evolution of compensatory substitutions through G.U intermediate state in <i>Drosophila</i> rRNA. <b>1991</b> , 88, 10032-6	78
2108	Nucleotide sequences of the <i>gnd</i> genes from nine natural isolates of <i>Escherichia coli</i> : evidence of intragenic recombination as a contributing factor in the evolution of the polymorphic <i>gnd</i> locus. <b>1991</b> , 173, 3894-900	90
2107	Recombination in <i>Escherichia coli</i> and the definition of biological species. <b>1991</b> , 173, 7257-68	343
2106	Phylogenetic analysis of the spirochetes. <b>1991</b> , 173, 6101-9	254
2105	10 Statistical methods for phylogenetic tree reconstruction. <b>1991</b> , 8, 317-346	6
2104	The troublesome parasites--molecular and morphological evidence that Apicomplexa belong to the dinoflagellate-ciliate clade. <b>1991</b> , 25, 75-83	107
2103	Comparison of complete amino acid sequences and receptor-binding properties among 13 serotypes of hemagglutinins of influenza A viruses. <b>1991</b> , 182, 475-85	412
2102	Gene conversion in the evolution of the human and chimpanzee MHC class I loci. <b>1991</b> , 38, 152-64	44
2101	Reconstruction of molecular phylogeny of extant hominoids from DNA sequence data. <b>1991</b> , 84, 75-85	26
2100	Molecular evolution of hemagglutinin genes of H1N1 swine and human influenza A viruses. <b>1991</b> , 32, 16-23	42
2099	A molecular phylogeny of dinoflagellate protists (pyrrhophyta) inferred from the sequence of 24S rRNA divergent domains D1 and D8. <b>1991</b> , 32, 53-63	86

2098	Evolution of RNA polymerases and branching patterns of the three major groups of Archaeobacteria. <b>1991</b> , 32, 70-8	71
2097	Robustness of maximum likelihood tree estimation against different patterns of base substitutions. <b>1991</b> , 32, 79-91	50
2096	On the maximum likelihood method in molecular phylogenetics. <b>1991</b> , 32, 443-5	167
2095	The structure of human mitochondrial DNA variation. <b>1991</b> , 33, 543-55	183
2094	The complete nucleotide sequence of the mitochondrial DNA of the fin whale, <i>Balaenoptera physalus</i> . <b>1991</b> , 33, 556-68	228
2093	Evolution of the <i>dec-1</i> eggshell locus in <i>Drosophila</i> . I. Restriction site mapping and limited sequence comparison in the melanogaster species subgroup. <b>1991</b> , 33, 321-31	3
2092	Lake Tanganyika as an evolutionary reservoir of old lineages of East African cichlid fishes: Inferences from allozyme data. <b>1991</b> , 47, 974-979	115
2091	NS 1 gene sequences from eight dengue-2 viruses and their evolutionary relationships with other dengue-2 viruses. <b>1991</b> , 118, 209-23	36
2090	The use of serological differentiation indices for the phylogenetic analysis of plant virus relationships. <b>1991</b> , 119, 83-93	6
2089	Primary and secondary structure of the nuclear small subunit ribosomal RNA of the cryptomonad <i>Pyrenomonas salina</i> as inferred from the gene sequence: evolutionary implications. <b>1991</b> , 32, 247-52	36
2088	Evolution of the cytochrome b gene of mammals. <b>1991</b> , 32, 128-44	1787
2087	Mitochondrial DNA sequence divergence in the <i>Melanogaster</i> and oriental species subgroups of <i>Drosophila</i> . <b>1991</b> , 33, 156-62	26
2086	Testing for interlocus genetic exchange in the MHC: a reply to Andersson and co-workers. <b>1991</b> , 33, 243-6	14
2085	<i>Escherichia coli</i> DNA polymerase II is homologous to alpha-like DNA polymerases. <b>1991</b> , 226, 24-33	37
2084	Demonstration of nucleomorph-encoded eukaryotic small subunit ribosomal RNA in cryptomonads. <b>1991</b> , 230, 155-60	60
2083	Evolution of the Rubisco operon from prokaryotes to algae: structure and analysis of the <i>rbcS</i> gene of the brown alga <i>Pylaiella littoralis</i> . <b>1991</b> , 17, 853-63	43
2082	Molecular phylogeny of the subgenus <i>Sophophora</i> of <i>Drosophila</i> derived from large subunit of ribosomal RNA sequences. <b>1991</b> , 84, 87-94	56
2081	Primate DRB6 pseudogenes: clue to the evolutionary origin of the HLA-DR2 haplotype. <b>1991</b> , 34, 324-37	53



2080	Independent gene duplications, not concerted evolution, explain relationships among class I MHC genes of murine rodents. <b>1991</b> , 33, 367-73	38
2079	DNA-DNA Hybridization: Principles and Results. <b>1991</b> , 117-132	
2078	Resolution of the African hominoid trichotomy by use of a mitochondrial gene sequence. <b>1991</b> , 88, 1570-4	170
2077	Excess nonsynonymous substitution of shared polymorphic sites among self-incompatibility alleles of Solanaceae. <b>1991</b> , 88, 9823-7	114
2076	Nucleotide polymorphism and evolution in the glyceraldehyde-3-phosphate dehydrogenase gene (gapA) in natural populations of Salmonella and Escherichia coli. <b>1991</b> , 88, 6667-71	127
2075	Cholinesterase-like domains in enzymes and structural proteins: functional and evolutionary relationships and identification of a catalytically essential aspartic acid. <b>1991</b> , 88, 6647-51	140
2074	Divergence and differential expression of actin gene families in higher plants. <b>1991</b> , 125, 139-63	64
2073	Duplication of the gamma-globin gene mediated by L1 long interspersed repetitive elements in an early ancestor of simian primates. <b>1991</b> , 88, 7396-400	110
2072	Plasmodium falciparum appears to have arisen as a result of lateral transfer between avian and human hosts. <b>1991</b> , 88, 3140-4	179
2071	Diversity of a ribonucleoprotein family in tobacco chloroplasts: two new chloroplast ribonucleoproteins and a phylogenetic tree of ten chloroplast RNA-binding domains. <b>1991</b> , 19, 6485-90	77
2070	Human brain prostaglandin D synthase has been evolutionarily differentiated from lipophilic-ligand carrier proteins. <b>1991</b> , 88, 4020-4	169
2069	Human origins and analysis of mitochondrial DNA sequences. <b>1992</b> , 255, 737-9	126
2068	Experimental phylogenetics: generation of a known phylogeny. <b>1992</b> , 255, 589-92	225
2067	Fission yeast cdc21+ belongs to a family of proteins involved in an early step of chromosome replication. <b>1992</b> , 20, 5571-7	122
2066	Primary structure and cellular localization of chicken brain myosin-V (p190), an unconventional myosin with calmodulin light chains. <b>1992</b> , 119, 1541-57	329
2065	Evolutionary implications of the cDNA sequence of the single lactate dehydrogenase of a lamprey. <b>1992</b> , 89, 1799-803	19
2064	Characterization of four B-type cyclin genes of the budding yeast Saccharomyces cerevisiae. <b>1992</b> , 3, 805-18	272
2063	Origins of genes: "big bang" or continuous creation?. <b>1992</b> , 89, 9489-93	198

2062	Ribosomal RNA as a Phylogenetic Tool in Plant Systematics. <b>1992</b> , 50-91	136
2061	The gene coding for small ribosomal subunit RNA in the basidiomycete <i>Ustilago maydis</i> contains a group I intron. <b>1992</b> , 20, 1251-7	69
2060	Rapid evolution of the human gene for cytochrome c oxidase subunit IV. <b>1992</b> , 89, 5266-70	28
2059	A broad molecular phylogeny of ciliates: identification of major evolutionary trends and radiations within the phylum. <b>1992</b> , 89, 9764-8	90
2058	Structural organization of the gene for prostaglandin D synthase in the rat brain. <b>1992</b> , 89, 5376-80	75
2057	Organization and evolution of the human epidermal keratinocyte transglutaminase I gene. <b>1992</b> , 89, 4476-80	30
2056	Extensive variation in evolutionary rate of rbcL gene sequences among seed plants. <b>1992</b> , 89, 7844-8	237
2055	UNUSUAL POPULATION GENETICS OF A PARASITIC NEMATODE: mtDNA VARIATION WITHIN AND AMONG POPULATIONS. <b>1992</b> , 46, 470-476	84
2054	Molecular phylogeny of protists: origin and evolution of the Dinoflagellates. <b>1992</b> , 126, 713-725	
2053	Primary structures of chicken cone visual pigments: vertebrate rhodopsins have evolved out of cone visual pigments. <b>1992</b> , 89, 5932-6	304
2052	Evolution of the mouse t haplotype: recent and worldwide introgression to <i>Mus musculus</i> . <b>1992</b> , 89, 6851-5	42
2051	Molecular cloning of mouse alcohol dehydrogenase-B2 cDNA: nucleotide sequences of the class III ADH genes evolve slowly even for silent substitutions. <b>1992</b> , 3, 167-75	20
2050	Evolution of the major histocompatibility complex: isolation of class II A cDNA clones from the cartilaginous fish. <b>1992</b> , 89, 6688-92	122
2049	An ancient clonal lineage in the fish genus <i>Poeciliopsis</i> (Atheriniformes: Poeciliidae). <b>1992</b> , 89, 348-52	96
2048	Major histocompatibility complex class II genes of zebrafish. <b>1992</b> , 89, 11886-90	110
2047	Convergent and divergent sequence evolution in the surface envelope glycoprotein of human immunodeficiency virus type 1 within a single infected patient. <b>1992</b> , 89, 4835-9	195
2046	The lysP gene encodes the lysine-specific permease. <b>1992</b> , 174, 3242-9	68
2045	Phylogeny of 54 representative strains of species in the family Pasteurellaceae as determined by comparison of 16S rRNA sequences. <b>1992</b> , 174, 2002-13	160

2044	Evolution of Basidiomycetous Yeasts as Deduced from Small Ribosomal Subunit RNA Sequences. <b>1992</b> , 15, 250-258	50
2043	Shared polymorphism between gorilla and human major histocompatibility complex DRB loci. <b>1992</b> , 34, 267-78	31
2042	Complete 23S Ribosomal RNA Sequences of Gram-positive Bacteria with a Low DNA G+C Content. <b>1992</b> , 15, 487-501	101
2041	The Influence of Tachytelically (Rapidly) Evolving Sequences on the Topology of Phylogenetic Trees Intrafamily Relationships and the Phylogenetic Position of Planctomycetaceae as Revealed by Comparative Analysis of 16S Ribosomal RNA Sequences. <b>1992</b> , 15, 357-362	33
2040	Proposal of Burkholderia gen. nov. and transfer of seven species of the genus Pseudomonas homology group II to the new genus, with the type species Burkholderia cepacia (Palleroni and Holmes 1981) comb. nov. <b>1992</b> , 36, 1251-75	627
2039	Analysis of the envelope region of the highly divergent HIV-2ALT isolate extends the known range of variability within the primate immunodeficiency viruses. <b>1992</b> , 8, 1619-29	11
2038	The endosymbiont hypothesis revisited. <b>1992</b> , 141, 233-357	418
2037	Genetic evolution and tropism of transmissible gastroenteritis coronaviruses. <b>1992</b> , 190, 92-105	130
2036	Progress with methods for constructing evolutionary trees. <b>1992</b> , 7, 73-9	114
2035	Antigen selection and presentation to protect against transmissible gastroenteritis coronavirus. <b>1992</b> , 33, 249-62	24
2034	Gibbon and marmoset c-myc nucleotide sequences. <b>1992</b> , 116, 231-43	4
2033	Phylogenetic Diversity and Identification of Nonculturable Magnetotactic Bacteria. <b>1992</b> , 15, 116-122	124
2032	Phylogenetic Placement of Nuclear Inclusion X (NIX) into the Gamma Subclass of Proteobacteria on the Basis of 16S Ribosomal RNA Sequence Comparisons. <b>1992</b> , 15, 191-196	9
2031	Cluster of fibronectin type III repeats found in the human major histocompatibility complex class III region shows the highest homology with the repeats in an extracellular matrix protein, tenascin. <b>1992</b> , 12, 485-91	68
2030	Phylogenetic Origin of the Plastids. <b>1992</b> , 193-221	10
2029	Molecular evolution of cyclooxygenase and lipoxygenase. <b>1992</b> , 44, 291-315	23
2028	Salmonid Phylogeny Inferred from Ribosomal DNA Restriction Maps. <b>1992</b> , 49, 2345-2353	39
2027	Genetic relationships of the populations in eastern India. <b>1992</b> , 19, 489-501	23

2026	Structure of the small ribosomal subunit RNA of the pulmonate snail, <i>Limicola kambeul</i> , and phylogenetic analysis of the Metazoa. <b>1992</b> , 309, 123-6	18
2025	Anatomy and evolution of proteins displaying the viral capsid jellyroll topology. <b>1992</b> , 228, 220-42	54
2024	Strand-specific LINE-1 transcription in mouse F9 cells originates from the youngest phylogenetic subgroup of LINE-1 elements. <b>1992</b> , 224, 559-74	42
2023	Fetal recruitment of anthropoid gamma-globin genes. Findings from phylogenetic analyses involving the 5'-flanking sequences of the psi gamma 1 globin gene of spider monkey <i>Ateles geoffroyi</i> . <b>1992</b> , 224, 875-81	20
2022	Evolutionary genetics of the proline permease gene ( <i>putP</i> ) and the control region of the proline utilization operon in populations of <i>Salmonella</i> and <i>Escherichia coli</i> . <b>1992</b> , 174, 6886-95	100
2021	Nucleotide sequences of the <i>arb</i> genes, which control beta-glucoside utilization in <i>Erwinia chrysanthemi</i> : comparison with the <i>Escherichia coli</i> <i>bgl</i> operon and evidence for a new beta-glycohydrolase family including enzymes from eubacteria, archeobacteria, and humans. <b>1992</b> , 174, 765-77	75
2020	Characterization of natural populations of <i>Nitrobacter</i> spp. using PCR/RFLP analysis of the ribosomal intergenic spacer. <b>1992</b> , 157, 107-15	148
2019	Identification of two distinct amplifications of the esterase B locus in <i>Culex pipiens</i> (L.) mosquitoes from Mediterranean countries. <b>1992</b> , 30, 13-26	89
2018	Plastid DNA from <i>Pyrenomonas salina</i> (Cryptophyceae): physical map, genes, and evolutionary implications. <b>1992</b> , 21, 73-81	24
2017	Nucleotide sequence of a mouse <i>Tcp-1</i> pseudogene: a nucleotide record for a <i>t</i> complex gene carried by an ancestor of the mouse. <b>1992</b> , 2, 246-51	4
2016	A complete cDNA for adenine phosphoribosyltransferase from <i>Arabidopsis thaliana</i> . <b>1992</b> , 18, 653-62	25
2015	Cloning of a cDNA for rape chloroplast 3-isopropylmalate dehydrogenase by genetic complementation in yeast. <b>1992</b> , 18, 557-66	31
2014	Evolution of the plastid ribosomal RNA operon in a nongreen parasitic plant: accelerated sequence evolution, altered promoter structure, and tRNA pseudogenes. <b>1992</b> , 18, 1037-48	27
2013	Nuclear and mitochondrial ribosomal RNA variability in the obscura group of <i>Drosophila</i> . <b>1992</b> , 85, 131-8	15
2012	Biochemical and molecular genetic markers in biosystematic studies of forest trees. <b>1992</b> , 6, 125-158	35
2011	Man's place in Hominoidea revealed by mitochondrial DNA genealogy. <b>1992</b> , 35, 32-43	169
2010	The complete mitochondrial DNA sequence of the harbor seal, <i>Phoca vitulina</i> . <b>1992</b> , 34, 493-505	181
2009	Evolutionary origin of a Kunitz-type trypsin inhibitor domain inserted in the amyloid beta precursor protein of Alzheimer's disease. <b>1992</b> , 34, 536-43	27

2008	Six strains of human immunodeficiency virus type 1 isolated in Japan and their molecular phylogeny. <b>1992</b> , 35, 329-36	13
2007	Statistical properties of bootstrap estimation of phylogenetic variability from nucleotide sequences: II. Four taxa without a molecular clock. <b>1992</b> , 35, 356-66	78
2006	Statistical properties of the ordinary least-squares, generalized least-squares, and minimum-evolution methods of phylogenetic inference. <b>1992</b> , 35, 367-75	269
2005	Early evolutionary relationships among known life forms inferred from elongation factor EF-2/EF-G sequences: phylogenetic coherence and structure of the archaeal domain. <b>1992</b> , 34, 396-405	58
2004	Insect muscle actins differ distinctly from invertebrate and vertebrate cytoplasmic actins. <b>1992</b> , 34, 406-15	58
2003	Evolution of the primate beta-globin gene region: nucleotide sequence of the delta-beta-globin intergenic region of gorilla and phylogenetic relationships between African apes and man. <b>1992</b> , 34, 17-30	29
2002	The evolutionary origin of the HLA-DR3 haplotype. <b>1992</b> , 35, 263-71	37
2001	Molecular phylogenies of plastid origins and algal evolution. <b>1992</b> , 35, 385-404	85
2000	Evolution of the threonine-glycine repeat region of the period gene in the melanogaster species subgroup of <i>Drosophila</i> . <b>1992</b> , 35, 411-9	27
1999	Molecular phylogeny of some polychaete annelids: an initial approach to the Atlantic-Mediterranean speciation problem. <b>1992</b> , 35, 429-35	8
1998	Patterns of nucleotide substitutions inferred from the phylogenies of the class I major histocompatibility complex genes. <b>1992</b> , 35, 196-204	16
1997	Phylogeny and evolutionary rates of G protein alpha subunit genes. <b>1992</b> , 35, 230-8	13
1996	Complementary DNA-DNA hybridization in <i>Drosophila</i> . <b>1992</b> , 34, 130-40	12
1995	Phylogenetic analysis of the thiolase family. Implications for the evolutionary origin of peroxisomes. <b>1992</b> , 35, 147-55	40
1994	Gene duplications and sequence polymorphism of bovine class II DQB genes. <b>1992</b> , 35, 205-13	42
1993	Sequence and diversity of rhesus monkey T-cell receptor beta chain genes. <b>1992</b> , 35, 75-88	43
1992	Evolutionary relationships among the primate Mhc-DQA1 and DQA2 alleles. <b>1992</b> , 36, 71-8	54
1991	C4 genes of the chimpanzee, gorilla, and orang-utan: evidence for extensive homogenization. <b>1992</b> , 35, 16-23	21

1990	Extracellular matrix protein tenascin-like gene found in human MHC class III region. <b>1992</b> , 36, 400-3	40
1989	Mhc-DRB diversity of the chimpanzee ( <i>Pan troglodytes</i> ). <b>1992</b> , 37, 1-11	64
1988	Trans-species origin of Mhc-DRB polymorphism in the chimpanzee. <b>1992</b> , 37, 12-23	47
1987	Transcription and diversity of immunoglobulin lambda chain variable genes in the rat. <b>1992</b> , 37, 39-48	8
1986	Contributions to a revision of the genus <i>Trichosporon</i> . <b>1992</b> , 61, 289-316	191
1985	Evolutionary change at the 5S Dna loci of species in the <i>Triticeae</i> . <b>1992</b> , 183, 195-208	44
1984	<i>Aeromonas allosaccharophilasp. nov.</i> , a new mesophilic member of the genus <i>Aeromonas</i> . <b>1992</b> , 91, 199-205	77
1983	The phylogenetic status of <i>Sarcobium lyticum</i> , an obligate intracellular bacterial parasite of small amoebae. <b>1992</b> , 96, 199-202	52
1982	Sequence diversity within the <i>argF</i> , <i>fbp</i> and <i>recA</i> genes of natural isolates of <i>Neisseria meningitidis</i> : interspecies recombination within the <i>argF</i> gene. <b>1992</b> , 6, 2135-46	106
1981	Crocodylian evolution: insights from immunological data. <b>1992</b> , 1, 193-201	54
1980	The evolutionary history of the sinica-group of macaque monkeys as revealed by mtDNA restriction site analysis. <b>1992</b> , 1, 215-22	22
1979	Evolutionary relationships of the salmonid fish genus <i>Salvelinus</i> inferred from DNA sequences of the first internal transcribed spacer (ITS 1) of ribosomal DNA. <b>1992</b> , 1, 223-30	60
1978	Reexamination of the African hominoid trichotomy with additional sequences from the primate beta-globin gene cluster. <b>1992</b> , 1, 97-135	107
1977	A molecular perspective on mammalian evolution from the gene encoding interphotoreceptor retinoid binding protein, with convincing evidence for bat monophyly. <b>1992</b> , 1, 148-60	141
1976	Molecular phylogeny of the prickly shark, <i>Echinorhinus cookei</i> , based on a nuclear (18S rRNA) and a mitochondrial (cytochrome b) gene. <b>1992</b> , 1, 161-7	21
1975	Evolution of the mitochondrial cytochrome oxidase II gene among 10 orders of insects. <b>1992</b> , 1, 41-52	266
1974	Phylogenetic inference based on matrix representation of trees. <b>1992</b> , 1, 53-8	390
1973	Combination of dendrograms with plots of latent variables. <b>1992</b> , 16, 145-154	5

- 1972 An analysis of partial 28S ribosomal RNA sequences suggests early radiations of sponges. **1992**, 28, 139-51 67
- 1971 Molecular phylogeny of Rodentia in the descent of genus *Bandicota*. **1992**, 71, 43-56 2
- 1970 Amino acid sequence study of ferredoxin from a club moss, *Lycopodium clavatum* L. **1992**, 105, 71-82
- 1969 Allozyme variation in Japanese species of *Chionographis* (Liliaceae). **1992**, 105, 149-160 6
- 1968 Phylogeny of gymnosperms inferred from *rbcl* gene sequences. **1992**, 105, 673-679 45
- 1967 Phylogenetic relationships in gnetophyta deduced from *rbcl* gene sequences. **1992**, 105, 385-391 17
- 1966 A set of BASIC programs to evaluate relationships among protein sequences by optimum alignment and distance matrix analysis. **1992**, 38, 61-72
- 1965 Molecular cloning of dihydrolipoamide acetyltransferase of the rat pyruvate dehydrogenase complex: sequence comparison and evolutionary relationship to other dihydrolipoamide acyltransferases. **1992**, 1131, 114-8 16
- 1964 The inference of evolutionary trees from molecular data. **1992**, 102, 643-59 4
- 1963 Comparison of a dengue-2 virus and its candidate vaccine derivative: sequence relationships with the flaviviruses and other viruses. **1992**, 187, 573-90 63
- 1962 Phylogenetic analysis of a coxsackievirus A24 variant: the most recent worldwide pandemic was caused by progenies of a virus prevalent around 1981. **1992**, 187, 748-59 47
- 1961 Molecular analysis of rice dwarf phytoeovirus segment S1: interviral homology of the putative RNA-dependent RNA polymerase between plant- and animal-infecting reoviruses. **1992**, 190, 240-7 29
- 1960 Molecular phylogeny of three platyrrhine primates, capuchin monkey, spider monkey and owl monkey, as inferred from nucleotide sequences of the  $\beta$ globin gene. **1992**, 23, 389-399 1
- 1959 Sequence of the nucleocapsid protein gene of Machupo virus: close relationship with another South American pathogenic arenavirus, Junġ. **1992**, 124, 371-7 15
- 1958 Evolutionary pattern of the H 3 haemagglutinin of equine influenza viruses: multiple evolutionary lineages and frozen replication. **1992**, 123, 73-87 42
- 1957 The evolution of aminoacyl-tRNA synthetases, the biosynthetic pathways of amino acids and the genetic code. **1992**, 22, 309-19 15
- 1956 Phytochrome evolution: a phylogenetic tree with the first complete sequence of phytochrome from a cryptogamic plant (*Selaginella martensii* spring). **1992**, 56, 751-8 32
- 1955 Dispersion pattern of the medfly from its geographic centre of origin and genetic relationships of the medfly with two close relatives. **1992**, 63, 63-69 14

1954	Evolutionary history of the honey bee <i>Apis mellifera</i> inferred from mitochondrial DNA analysis. <b>1992</b> , 1, 145-54	246
1953	The nodular endophytes of <i>Coriaria</i> spp. form a distinct lineage within the genus <i>Frankia</i> . <b>1992</b> , 1, 175-81	41
1952	Nonmetric cranial variation and the populational affinities of the Pacific peoples. <b>1993</b> , 90, 49-57	20
1951	Chicken major histocompatibility complex class II B genes: analysis of interallelic and interlocus sequence variance. <b>1993</b> , 23, 1139-45	99
1950	Perspectives on tubulin isotype function and evolution based on the observation that <i>Tetrahymena thermophila</i> microtubules contain a single alpha- and beta-tubulin. <b>1993</b> , 25, 243-53	68
1949	Horizontal transfer of ATPase genes--the tree of life becomes a net of life. <b>1993</b> , 31, 111-9	207
1948	Organization and evolution of an alpha satellite DNA subset shared by human chromosomes 13 and 21. <b>1993</b> , 37, 464-75	35
1947	Molecular phylogeny of <i>Drosophila</i> based on ribosomal RNA sequences. <b>1993</b> , 37, 525-43	102
1946	Adaptive evolution in the rat olfactory receptor gene family. <b>1993</b> , 36, 249-54	49
1945	Larger rearranged mitochondrial genomes in <i>Dekkera/Brettanomyces</i> yeasts are more closely related than smaller genomes with a conserved gene order. <b>1993</b> , 36, 263-9	14
1944	The giant panda is closer to a bear, judged by $\beta$ - and $\gamma$ -hemoglobin sequences. <b>1993</b> , 36, 282-289	15
1943	The higher fungus <i>Protomyces inouyei</i> has two group I introns in the 18S rRNA gene. <b>1993</b> , 37, 25-8	35
1942	Molecular evolutionary analysis based on the amino acid sequence of catalase. <b>1993</b> , 37, 71-6	65
1941	The paradox of MHC-DRB exon/intron evolution: alpha-helix and beta-sheet encoding regions diverge while hypervariable intronic simple repeats coevolve with beta-sheet codons. <b>1993</b> , 37, 260-72	40
1940	The nucleotide sequence of the mitochondrial DNA molecule of the grey seal, <i>Halichoerus grypus</i> , and a comparison with mitochondrial sequences of other true seals. <b>1993</b> , 37, 323-30	64
1939	Pathways of lysozyme evolution inferred from the sequences of cytochrome b in birds. <b>1993</b> , 37, 367-79	123
1938	Sequence evolution of mitochondrial tRNA genes and deep-branch animal phylogenetics. <b>1993</b> , 37, 380-98	279
1937	Evolution of the <i>recA</i> gene and the molecular phylogeny of bacteria. <b>1993</b> , 37, 399-407	59



1936	Sequence evolution in and around the mitochondrial control region in birds. <b>1993</b> , 37, 417-25	116
1935	Structure and evolution of opossum, guinea pig, and porcupine cytochrome b genes. <b>1993</b> , 36, 327-34	45
1934	Evolution of glutamate dehydrogenase genes: evidence for two paralogous protein families and unusual branching patterns of the archaeobacteria in the universal tree of life. <b>1993</b> , 36, 335-46	107
1933	Evolution of HSP70 gene and its implications regarding relationships between archaeobacteria, eubacteria, and eukaryotes. <b>1993</b> , 37, 573-82	201
1932	Substitution rate variation among sites in hypervariable region 1 of human mitochondrial DNA. <b>1993</b> , 37, 613-23	183
1931	The phylogenetic position of Taxaceae based on 18S rRNA sequences. <b>1993</b> , 37, 624-30	22
1930	Zebrafish Mhc class II alpha chain-encoding genes: polymorphism, expression, and function. <b>1993</b> , 38, 408-20	80
1929	Primate ABO glycosyltransferases: evidence for trans-species evolution. <b>1993</b> , 37, 274-8	48
1928	New beta chain-encoding Mhc class II genes in the carp. <b>1993</b> , 38, 146-9	52
1927	Phylogeny of immunoglobulin heavy chain isotypes: structure of the constant region of <i>Ambystoma mexicanum</i> epsilon chain deduced from cDNA sequence. <b>1993</b> , 38, 311-7	37
1926	Three new HLA-G alleles and their linkage disequilibria with HLA-A. <b>1993</b> , 38, 323-31	80
1925	Mhc-DRB genes of platyrrhine primates. <b>1993</b> , 38, 210-22	40
1924	Two more chimpanzee Patr-A locus alleles related to the HLA-A1/A3/A11 family. <b>1993</b> , 38, 238-40	19
1923	Cloning of the beta 2-microglobulin gene in the zebrafish. <b>1993</b> , 38, 1-10	64
1922	Sequence and evolution of cattle MHC class I cDNAs: concerted evolution has not taken place in cattle. <b>1993</b> , 38, 11-20	26
1921	Characterization of beta 2-microglobulin transcripts from two teleost species. <b>1993</b> , 38, 27-34	60
1920	Evolutionary relationships of the classes of major histocompatibility complex genes. <b>1993</b> , 37, 337-46	50
1919	Molecular systematics and genetic differentiation of <i>Pinus sylvestris</i> (L.) and <i>P. densiflora</i> (Sieb. et Zucc.). <b>1993</b> , 86, 159-65	26

1918	Molecular cloning of major histocompatibility complex class I cDNAs from Atlantic salmon ( <i>Salmo salar</i> ). <b>1993</b> , 37, 469-73	91
1917	Is intracytoplasmic membrane structure a generic criterion? It does not coincide with phylogenetic interrelationships among phototrophic purple nonsulfur bacteria. <b>1993</b> , 160, 358-62	50
1916	Sequence analysis of pre-ferredoxin-NADP(+)-reductase cDNA from <i>Cyanophora paradoxa</i> specifying a precursor for a nucleus-encoded cyanelle polypeptide. <b>1993</b> , 21, 1023-33	28
1915	Sequence of a novel plant ras-related cDNA from <i>Pisum sativum</i> . <b>1993</b> , 21, 1195-9	18
1914	Secondary structure and phylogeny of the chloroplast 23S rRNA gene from the brown alga <i>Pylaiella littoralis</i> . <b>1993</b> , 21, 779-87	3
1913	<i>Sorghum</i> phosphoenolpyruvate carboxylase gene family: structure, function and molecular evolution. <b>1993</b> , 21, 487-502	75
1912	Revision of the kelp family Alariaceae and the taxonomic affinities of <i>Lessoniopsis</i> Reinke (Laminariales, Phaeophyta). <b>1993</b> , 260-261, 689-697	22
1911	Phylogeny of the Northeast Pacific brown algal (Phaeophyceae) orders as inferred from 18S rRNA gene sequences. <b>1993</b> , 260-261, 699-704	12
1910	Multiplication of Mhc-DRB5 loci in the orangutan: implications for the evolution of DRB haplotypes. <b>1993</b> , 4, 159-70	29
1909	Sequence organization and evolution, in all extant whalebone whales, of a DNA satellite with terminal chromosome localization. <b>1993</b> , 102, 382-8	30
1908	Convergent evolution of similar enzymatic function on different protein folds: the hexokinase, ribokinase, and galactokinase families of sugar kinases. <b>1993</b> , 2, 31-40	307
1907	Confidence limits on the branching order of phylogenetic trees. <b>1993</b> , 2, 1686-96	4
1906	Phylogenetic relationships of <i>Cryptococcus neoformans</i> and some related basidiomycetous yeasts determined from partial large subunit rRNA sequences. <b>1993</b> , 63, 175-89	67
1905	The expanding realm of ballistosporous yeasts. <b>1993</b> , 63, 191-200	4
1904	Phylogenetic analysis of basidiomycetous yeasts by means of 18S ribosomal RNA sequences: relationship of <i>Erythrobasidium hasegawianum</i> and other basidiomycetous yeast taxa. <b>1993</b> , 63, 201-9	12
1903	Starch- and glycogen-debranching and branching enzymes: prediction of structural features of the catalytic (beta/alpha) <sub>8</sub> -barrel domain and evolutionary relationship to other amylolytic enzymes. <b>1993</b> , 12, 791-805	233
1902	Primary structure of Beijing duck apolipoprotein A-1. <b>1993</b> , 12, 585-91	6
1901	DNA/DNA hybridization studies of carnivorous marsupials. III. Relationships among species of <i>Didelphis</i> (Didelphidae). <b>1993</b> , 1, 75-97	21

1900	The diversification of South American murid rodents: evidence from mitochondrial DNA sequence data for the akodontine tribe. <b>1993</b> , 50, 149-177	360
1899	Genetic relationships among the shads ( <i>Alosa</i> ) revealed by mitochondrial DNA analysis. <b>1993</b> , 43, 909-917	20
1898	Conservation of motifs within the unusually variable polypeptide sequences of type I restriction and modification enzymes. <b>1993</b> , 9, 133-43	54
1897	Phylogenetic analysis of the family Rhizobiaceae and related bacteria by sequencing of 16S rRNA gene using PCR and DNA sequencer. <b>1993</b> , 107, 115-20	228
1896	The phylogenetic position of <i>Dictyoglomus thermophilum</i> based on 16S rRNA sequence analysis. <b>1993</b> , 107, 317-320	13
1895	<i>Sporichthya polymorpha</i> represents a novel line of descent within the order Actinomycetales. <b>1993</b> , 109, 263-267	24
1894	Phylogenetic diversity of phototrophic purple non-sulfur bacteria in the Proteobacteria group. <b>1993</b> , 112, 61-66	40
1893	Phylogenetic analysis of <i>Bacillus sphaericus</i> and development of an oligonucleotide probe specific for mosquito-pathogenic strains. <b>1993</b> , 112, 205-10	16
1892	Cloning, nucleotide sequence and expression of a beta-lactamase gene from <i>Streptomyces lavendulae</i> . <b>1993</b> , 112, 343-8	5
1891	16S rDNA analysis reveals phylogenetic diversity among the polysaccharolytic clostridia. <b>1993</b> , 113, 125-8	110
1890	Phylogeny of trichomonads based on partial sequences of large subunit rRNA and on cladistic analysis of morphological data. <b>1993</b> , 40, 411-21	64
1889	Molecular phylogeographic evidence for multiple shifts in habitat preference in the diversification of an amphipod species. <b>1993</b> , 2, 99-112	26
1888	Mitochondrial DNA phylogeography in northern grasshopper mice ( <i>Onychomys leucogaster</i> )--the influence of Quaternary climatic oscillations on population dispersion and divergence. <b>1993</b> , 2, 183-93	26
1887	HLA-A*8001 is a member of a newly discovered ancient family of HLA-A alleles. <b>1993</b> , 42, 522-9	13
1886	Molecular cloning and expression of the gene for serine hydroxymethyltransferase from an obligate methylotroph <i>Hyphomicrobium methylovorum</i> GM2. <b>1993</b> , 212, 745-50	27
1885	Characteristics of an exochitinase from <i>Streptomyces olivaceoviridis</i> , its corresponding gene, putative protein domains and relationship to other chitinases. <b>1993</b> , 214, 659-69	89
1884	Molecular evolution of biotin-dependent carboxylases. <b>1993</b> , 215, 687-96	47
1883	ULTRASTRUCTURE AND 18S RRNA GENE SEQUENCE FOR PELAGOMONAS CALCEOLATA GEN. ET SP. NOV. AND THE DESCRIPTION OF A NEW ALGAL CLASS, THE PELAGOPHYCEAE CLASSIS NOV.1. <b>1993</b> , 29, 701-715	157

1882	Comparison of the second alcohol dehydrogenase subunit gene in acetic acid bacteria. <b>1993</b> , 75, 217-219	1
1881	Small subunit ribosomal RNA+ of <i>Hexamita inflata</i> and the quest for the first branch in the eukaryotic tree. <b>1993</b> , 59, 41-8	206
1880	Phylogenetic studies of a large data set. I. Bambusoideae, Andropogonodae, and Pooideae (Gramineae). <b>1993</b> , 59, 273-343	75
1879	Cloning, sequencing, and expression in <i>Escherichia coli</i> of the coat protein gene of a new potyvirus infection South African <i>Passiflora</i> . <b>1993</b> , 128, 29-41	27
1878	Complete nucleotide sequence of sugarcane streak Monogeminivirus. <b>1993</b> , 132, 171-82	37
1877	Isolation and characterization of simian immunodeficiency virus from African white-crowned mangabey monkeys ( <i>Cercocebus torquatus lunulatus</i> ). <b>1993</b> , 129, 77-92	38
1876	Taxonomic relationships between distinct potato virus Y isolates based on detailed comparisons of the viral coat proteins and 3'-nontranslated regions. <b>1993</b> , 131, 361-75	63
1875	The nucleotide sequence of the coat protein genes and 3' non-coding regions of two resistance-breaking tobamoviruses in pepper shows that they are different viruses. <b>1993</b> , 131, 75-88	42
1874	The identification, cloning, and sequence analysis of the coat protein coding region of a birch isolate (I2) of cherry leaf roll nepovirus. <b>1993</b> , 131, 209-15	12
1873	Evolutionary genetics of <i>Drosophila</i> esterases. <b>1993</b> , 90, 239-68	69
1872	Phylogeny of the slow lorises (genus <i>Nycticebus</i> ): An approach using mitochondrial DNA restriction enzyme analysis. <b>1993</b> , 14, 167-175	56
1871	Phylogeny of rhesus monkeys ( <i>Macaca mulatta</i> ) as revealed by mitochondrial DNA restriction enzyme analysis. <b>1993</b> , 14, 587-605	36
1870	Copia-like retrotransposable element evolution in diploid and polyploid cotton ( <i>Gossypium</i> L.). <b>1993</b> , 36, 429-47	92
1869	Multiple L1 progenitors in prosimian primates: phylogenetic evidence from ORF1 sequences. <b>1993</b> , 37, 179-89	6
1868	Reconstructing evolution from eukaryotic small-ribosomal-subunit RNA sequences: calibration of the molecular clock. <b>1993</b> , 37, 221-32	114
1867	Molecular classification of hepatitis C virus. <b>1993</b> , 28 Suppl 5, 42-4	6
1866	Amino acid sequence similarities between low molecular weight endo-1,4-beta-xylanases and family H cellulases revealed by clustering analysis. <b>1993</b> , 321, 135-9	51
1865	Evolutionary clustering and functional similarity of RNA-binding proteins. <b>1993</b> , 335, 289-93	29

1864	Primary structure of crayfish visual pigment deduced from cDNA. <b>1993</b> , 315, 287-92	28
1863	Molecular characterization of the red visual pigment gene of the American chameleon ( <i>Anolis carolinensis</i> ). <b>1993</b> , 323, 247-51	25
1862	Structure of the 16 S ribosomal RNA of the thermophilic cyanobacterium <i>Chlorogloeopsis</i> HTF (' <i>Mastigocladus laminosus</i> HTF') strain PCC7518, and phylogenetic analysis. <b>1993</b> , 317, 96-100	308
1861	Molecular characterization of a blue visual pigment gene in the fish <i>Astyanax fasciatus</i> . <b>1993</b> , 334, 27-31	29
1860	Calibrating the bootstrap test of monophyly. <b>1993</b> , 23, 507-14	28
1859	Affinities of the Gyliachenidae: utility of the 18S rRNA gene for phylogenetic inference in the Digenea (Platyhelminthes). <b>1993</b> , 23, 527-32	52
1858	The phylogenetic position of the Aspidobothrea within the parasitic flatworms inferred from ribosomal RNA sequence data. <b>1993</b> , 23, 169-78	39
1857	<i>Trypanosoma rangeli</i> : sequence analysis of beta-tubulin gene suggests closer relationship to <i>Trypanosoma brucei</i> than to <i>Trypanosoma cruzi</i> . <b>1993</b> , 53, 99-105	15
1856	Molecular cloning and evolutionary analysis of the calcium-modulated contractile protein, centrin, in green algae and land plants. <b>1993</b> , 23, 1243-54	41
1855	Compilation of small ribosomal subunit RNA structures. <b>1993</b> , 21, 3025-49	427
1854	Towards a phylogeny of the clostridia based on 16S rRNA sequences. <b>1993</b> , 113, 87-92	62
1853	Reduced Thermophilic Bias in the 16S rDNA Sequence from <i>Thermus ruber</i> Provides Further Support for a Relationship Between <i>Thermus</i> and <i>Deinococcus</i> . <b>1993</b> , 16, 25-29	38
1852	Monophyletic origins of the metazoa: an evolutionary link with fungi. <b>1993</b> , 260, 340-2	568
1851	The evolution of the diatoms (Bacillariophyta). I. Origin of the group and assessment of the monophyly of its major divisions. <b>1993</b> , 28, 261-275	77
1850	Molecular phylogeny of the atpB and atpE genes of the brown alga <i>Pylaiella littoralis</i> . <b>1993</b> , 28, 111-113	5
1849	Mitochondrial-DNA Variation and Evolutionary Relationships in the Amakihi Complex. <b>1993</b> , 110, 825-831	111
1848	Characterization of the genes encoding carbonic anhydrase I of chimpanzee and gorilla: comparative analysis of 5' flanking erythroid-specific promoter sequences. <b>1993</b> , 131, 249-53	10
1847	Adh and Adh-dup sequences of <i>Drosophila lebanonensis</i> and <i>D. immigrans</i> : interspecies comparisons. <b>1993</b> , 126, 171-8	17

1846	Desulfurella acetivorans, a Thermophilic, Acetate-Oxidizing and Sulfur-Reducing Organism, Represents a Distinct Lineage within the Proteobacteria. <b>1993</b> , 16, 373-379	22
1845	Evolutionary Relationships Among Higher Fungi Inferred from Small Ribosomal Subunit RNA Sequence Analysis. <b>1993</b> , 16, 436-444	72
1844	Structure of 16S and 23S Ribosomal RNA Genes in Campylobacter Species: Phylogenetic Analysis of the Genus Campylobacter and Presence of Internal Transcribed Spacers. <b>1993</b> , 16, 361-368	34
1843	Evolutionary relationships of HLA-DR8 alleles and description of a new subtype (DRB1*0806) in the Algerian population. <b>1993</b> , 36, 172-8	15
1842	Phylogenetic Analysis of Thermophilic Methanobacterium sp.: Evidence for a Formate-Utilizing Ancestor. <b>1993</b> , 16, 208-215	31
1841	Balneatrix alpica gen. nov., sp. nov., a bacterium associated with pneumonia and meningitis in a spa therapy center. <b>1993</b> , 144, 35-46	25
1840	KH domains within the FMR1 sequence suggest that fragile X syndrome stems from a defect in RNA metabolism. <b>1993</b> , 18, 331-3	65
1839	A Saccharomyces cerevisiae protein-serine kinase related to mammalian glycogen synthase kinase-3 and the Drosophila melanogaster gene shaggy product. <b>1993</b> , 134, 51-6	25
1838	Taxonomic Study of Polyethylene Glycol-Utilizing Bacteria: Emended Description of the Genus Sphingomonas and New Descriptions of Sphingomonas macrogoltabidus sp. nov., Sphingomonas sanguis sp. nov. and Sphingomonas terrae sp. nov.. <b>1993</b> , 16, 227-238	134
1837	Two complementary approaches to study peroxisome biogenesis in Saccharomyces cerevisiae: forward and reversed genetics. <b>1993</b> , 75, 209-24	171
1836	The Phylogeny of malaria: a useful study. <b>1993</b> , 9, 246-50	22
1835	Structure and evolution of the polymorphic photopigment gene of the marmoset. <b>1993</b> , 33, 147-54	62
1834	Molecular diversity of voltage-dependent calcium channel. <b>1993</b> , 707, 87-108	18
1833	Evolution and taxonomy of positive-strand RNA viruses: implications of comparative analysis of amino acid sequences. <b>1993</b> , 28, 375-430	801
1832	Sequence analysis of the gp120 region of the env gene of Ugandan human immunodeficiency proviruses from a single individual. <b>1993</b> , 9, 357-63	10
1831	MUST, a computer package of Management Utilities for Sequences and Trees. <b>1993</b> , 21, 5264-72	558
1830	Sequence and organization of large subunit rRNA genes from the extrachromosomal 35 kb circular DNA of the malaria parasite Plasmodium falciparum. <b>1993</b> , 21, 1067-71	55
1829	Gene transfer of a part of a beta-lactamase gene?. <b>1993</b> , 37, 399-403	1

1828	Analysis of the RNA-recognition motif and RS and RGG domains: conservation in metazoan pre-mRNA splicing factors. <b>1993</b> , 21, 5803-16	610
1827	Some recent progress with methods for evolutionary trees. <b>1993</b> , 31, 275-288	13
1826	Hadamard conjugation: A versatile tool for modelling nucleotide sequence evolution. <b>1993</b> , 31, 231-237	13
1825	Organization and nucleotide sequence of the DNA polymerase gene from the archaeon <i>Pyrococcus furiosus</i> . <b>1993</b> , 21, 259-65	95
1824	Ancestry and diversity of the HMG box superfamily. <b>1993</b> , 21, 2493-501	297
1823	Genetic structure and epidemiology of <i>Ascaris</i> populations: patterns of host affiliation in Guatemala. <b>1993</b> , 107 ( Pt 3), 319-34	115
1822	Nucleotide sequences of the 23S rRNA genes from <i>Bordetella pertussis</i> , <i>B.parapertussis</i> , <i>B.bronchiseptica</i> and <i>B.avium</i> , and their implications for phylogenetic analysis. <b>1993</b> , 21, 3320	30
1821	Pao, a highly divergent retrotransposable element from <i>Bombyx mori</i> containing long terminal repeats with tandem copies of the putative R region. <b>1993</b> , 21, 2117-23	53
1820	Isolating the <i>Arabidopsis thaliana</i> genes for de novo purine synthesis by suppression of <i>Escherichia coli</i> mutants. I. 5'-Phosphoribosyl-5-aminoimidazole synthetase. <b>1993</b> , 102, 387-99	37
1819	Chloroplast gene sequences and the study of plant evolution. <b>1993</b> , 90, 363-7	124
1818	Amino acid substitution at the Adh locus of <i>Drosophila</i> is facilitated by small population size. <b>1993</b> , 90, 4548-51	64
1817	Isolation and sequence of a cDNA encoding the Jerusalem artichoke cinnamate 4-hydroxylase, a major plant cytochrome P450 involved in the general phenylpropanoid pathway. <b>1993</b> , 90, 4102-6	186
1816	The sigma 54 bacterial enhancer-binding protein family: mechanism of action and phylogenetic relationship of their functional domains. <b>1993</b> , 175, 6067-74	362
1815	Evolutionary relationships among <i>Magnetospirillum</i> strains inferred from phylogenetic analysis of 16S rDNA sequences. <b>1993</b> , 175, 6689-94	65
1814	THE ACCURACY OF PHYLOGENETIC ESTIMATION USING THE NEIGHBOR-JOINING METHOD. <b>1993</b> , 47, 471-486	41
1813	Structure, function, and evolution of the family of superoxide dismutase proteins from halophilic archaeobacteria. <b>1993</b> , 175, 1572-9	15
1812	Animal mitochondrial DNA polymorphism: a valuable tool for evolutionary studies. <b>1993</b> , 3, 113-119	0
1811	Molecular genetics of actin function. <b>1993</b> , 291 ( Pt 3), 657-71	86

1810	Characterization of two novel casein transcripts in rabbit mammary gland. <b>1993</b> , 296 ( Pt 3), 777-84	17
1809	Structures of and allelic diversity and relationships among the major outer membrane protein (ompA) genes of the four chlamydial species. <b>1993</b> , 175, 487-502	127
1808	The Antennapedia-type homeobox genes have evolved from three precursors separated early in metazoan evolution. <b>1993</b> , 90, 143-7	110
1807	Evidence for a chimeric nature of nuclear genomes: eubacterial origin of eukaryotic glyceraldehyde-3-phosphate dehydrogenase genes. <b>1993</b> , 90, 8692-6	161
1806	A molecular phylogeny for marine turtles: trait mapping, rate assessment, and conservation relevance. <b>1993</b> , 90, 5574-7	112
1805	Abundant mitochondrial DNA variation and world-wide population structure in humpback whales. <b>1993</b> , 90, 8239-43	228
1804	Evolution of the glutamine synthetase gene, one of the oldest existing and functioning genes. <b>1993</b> , 90, 3009-13	169
1803	The use of Rapd Markers to Discriminate Sections and Species Belonging to <i>Helianthus</i> . <b>1993</b> , 7, 21-31	1
1802	<i>Borrelia burgdorferi</i> is clonal: implications for taxonomy and vaccine development. <b>1993</b> , 90, 10163-7	144
1801	Sequence analysis of teleost retina-specific lactate dehydrogenase C: evolutionary implications for the vertebrate lactate dehydrogenase gene family. <b>1993</b> , 90, 242-6	37
1800	Origin of JC polyomavirus variants associated with progressive multifocal leukoencephalopathy. <b>1993</b> , 90, 5062-5	59
1799	Increasing antigenic and genetic diversity of the V3 variable domain of the human immunodeficiency virus envelope protein in the course of the AIDS epidemic. <b>1993</b> , 90, 9061-5	95
1798	Isolation of RRM-type RNA-binding protein genes and the analysis of their relatedness by using a numerical approach. <b>1993</b> , 13, 174-83	61
1797	Phylogenetic analysis of restriction site data. <b>1993</b> , 224, 439-55	20
1796	High-molecular-weight protein 2 of <i>Yersinia enterocolitica</i> is homologous to AngR of <i>Vibrio anguillarum</i> and belongs to a family of proteins involved in nonribosomal peptide synthesis. <b>1993</b> , 175, 5488-504	97
1795	Isolation of a shark immunoglobulin light chain cDNA clone encoding a protein resembling mammalian kappa light chains: implications for the evolution of light chains. <b>1993</b> , 90, 10603-7	59
1794	Paleontological data and molecular phylogenetic analysis. <b>1994</b> , 20, 259-273	40
1793	Cloning, sequencing, and analysis of the griseusin polyketide synthase gene cluster from <i>Streptomyces griseus</i> . <b>1994</b> , 176, 2627-34	44



1792	Cloning of the hsp70 (dnaK) genes from <i>Rhizobium meliloti</i> and <i>Pseudomonas cepacia</i> : phylogenetic analyses of mitochondrial origin based on a highly conserved protein sequence. <b>1994</b> , 176, 7748-53	42
1791	Weak male-driven molecular evolution in rodents. <b>1994</b> , 91, 827-31	101
1790	Phylogenetic subtypes of human T-lymphotropic virus type I and their relations to the anthropological background. <b>1994</b> , 91, 1124-7	139
1789	Molecular genetic basis of allelic polymorphism in malate dehydrogenase (mdh) in natural populations of <i>Escherichia coli</i> and <i>Salmonella enterica</i> . <b>1994</b> , 91, 1280-4	133
1788	Details of the evolutionary history from invertebrates to vertebrates, as deduced from the sequences of 18S rDNA. <b>1994</b> , 91, 1801-4	383
1787	Database on the structure of large ribosomal subunit RNA. <b>1994</b> , 22, 3495-501	88
1786	Genetic variation of HIV type 1 in four World Health Organization-sponsored vaccine evaluation sites: generation of functional envelope (glycoprotein 160) clones representative of sequence subtypes A, B, C, and E. WHO Network for HIV Isolation and Characterization. <b>1994</b> , 10, 1359-68	117
1785	A novel nonreceptor tyrosine kinase, Srm: cloning and targeted disruption. <b>1994</b> , 14, 6915-25	38
1784	3 Expression of the Vasotocin and Isotocin Gene Family in Fish. <b>1994</b> , 13, 101-132	14
1783	Evidence for a protein domain superfamily shared by the cyclins, TFIIB and RB/p107. <b>1994</b> , 22, 946-52	66
1782	Phylogeny and evolution of the piroplasms. <b>1994</b> , 108 ( Pt 2), 147-52	141
1781	A novel microtubule-based motor protein (KIF4) for organelle transports, whose expression is regulated developmentally. <b>1994</b> , 127, 187-201	151
1780	HOVERGEN: a database of homologous vertebrate genes. <b>1994</b> , 22, 2360-5	199
1779	Independent evolutionary origin of histone H3.3-like variants of animals and <i>Tetrahymena</i> . <b>1994</b> , 22, 180-6	45
1778	Database on the structure of small ribosomal subunit RNA. <b>1994</b> , 22, 3488-94	168
1777	Cloning of <i>Giardia lamblia</i> heat shock protein HSP70 homologs: implications regarding origin of eukaryotic cells and of endoplasmic reticulum. <b>1994</b> , 91, 2895-9	178
1776	ENOD12, an early nodulin gene, is not required for nodule formation and efficient nitrogen fixation in alfalfa. <b>1994</b> , 6, 201-13	43
1775	Effect of average heterozygosity on the genetic distance of several Indian tribes from the Amazon region. <b>1994</b> , 21, 589-95	4

1774	Molecular characterization of the env gene from a non-syncytium-inducing HIV-2 isolate (HIV-2ALI). <b>1994</b> , 10, 223-4	10
1773	Molecular and immunological characterization of the fimbriae of <i>Porphyromonas gingivalis</i> . <b>1994</b> , 38, 921-30	36
1772	Molecular epidemiology of HTLV type I in Japan: evidence for two distinct ancestral lineages with a particular geographical distribution. <b>1994</b> , 10, 1557-66	32
1771	HIV-1 sequence subtype D in the United States. <b>1994</b> , 10, 625-7	39
1770	Sequence homology and structure predictions of the creatine kinase isoenzymes. <b>1994</b> , 133-134, 245-62	134
1769	Molecular evidence from 3'-terminus sequence analysis that tobacco vein-banding mosaic virus is a distinct member of the potyvirus group. <b>1994</b> , 138, 27-38	9
1768	Origin and evolutionary pathways of the H1 hemagglutinin gene of avian, swine and human influenza viruses: cocirculation of two distinct lineages of swine virus. <b>1994</b> , 134, 17-28	40
1767	Analysis of the core and E1 envelope region sequences of a novel variant of hepatitis C virus obtained in Indonesia. <b>1994</b> , 136, 53-62	22
1766	Phylogenetic affiliations of <i>Rhodospirillum rubrum</i> and related species of phototrophic bacteria as determined by automated 16S rDNA sequencing. <b>1994</b> , 28, 25-9	23
1765	Cytochrome b gene of marine mammals: Phylogeny and evolution. <b>1994</b> , 2, 37-55	109
1764	The pitfalls of molecular phylogeny based on four species, as illustrated by the Cetacea/Artiodactyla relationships. <b>1994</b> , 2, 133-152	80
1763	Recent developments in <i>Rhizobium</i> taxonomy. <b>1994</b> , 161, 11-20	63
1762	Molecular evolution of noncoding regions of the chloroplast genome in the Crassulaceae and related species. <b>1994</b> , 25, 558-66	89
1761	Alu elements of the primate major histocompatibility complex. <b>1994</b> , 5, 405-15	26
1760	Multiple origins of the green-sensitive opsin genes in fish. <b>1994</b> , 39, 268-73	22
1759	Characterization of a species-specific satellite DNA family of <i>Dolichopoda schiavazzii</i> (Orthoptera, Rhaphidophoridae) cave crickets. <b>1994</b> , 39, 274-81	22
1758	Estimation of evolutionary distances between nucleotide sequences. <b>1994</b> , 39, 315-29	319
1757	Evolution of actin gene families of sea urchins. <b>1994</b> , 39, 347-56	17

1756	Contrasting rates of nucleotide substitution in the X-linked and Y-linked zinc finger genes. <b>1994</b> , 39, 569-78	32
1755	Evolutionary analysis of cytochrome b sequences in some Perciformes: evidence for a slower rate of evolution than in mammals. <b>1994</b> , 39, 589-97	190
1754	The evolutionary origin of red algae as deduced from the nuclear genes encoding cytosolic and chloroplast glyceraldehyde-3-phosphate dehydrogenases from <i>Chondrus crispus</i> . <b>1994</b> , 38, 319-27	48
1753	The evolution of titin and related giant muscle proteins. <b>1994</b> , 38, 395-404	30
1752	DNA-dependent RNA polymerase subunit B as a tool for phylogenetic reconstructions: branching topology of the archaeal domain. <b>1994</b> , 38, 420-32	48
1751	Evolutionary implications of the family of 14-3-3 brain protein homologs in <i>Arabidopsis thaliana</i> . <b>1994</b> , 92, 129-38	45
1750	The cotton-top tamarin revisited: Mhc class I polymorphism of wild tamarins, and polymorphism and allelic diversity of the class II DQA1, DQB1, and DRB loci. <b>1994</b> , 40, 167-76	36
1749	Structure, diversity, and evolution of the T-cell receptor VB gene repertoire in primates. <b>1994</b> , 40, 184-91	38
1748	Phylogeny of the <i>Drosophila obscura</i> species group deduced from mitochondrial DNA sequences. <b>1994</b> , 39, 478-88	28
1747	Phylogenetic relationships among eutherian orders estimated from inferred sequences of mitochondrial proteins: instability of a tree based on a single gene. <b>1994</b> , 39, 519-27	152
1746	Phylogenetic relationships among extant classes of echinoderms, as inferred from sequences of 18S rDNA, coincide with relationships deduced from the fossil record. <b>1994</b> , 38, 41-9	51
1745	Reduction of synonymous substitutions in the core protein gene of hepatitis C virus. <b>1994</b> , 38, 50-6	57
1744	The structure of the small mitochondrial DNA of <i>Kluyveromyces thermotolerans</i> is likely to reflect the ancestral gene order in fungi. <b>1994</b> , 38, 593-601	24
1743	Relationship among coelacanths, lungfishes, and tetrapods: a phylogenetic analysis based on mitochondrial cytochrome oxidase I gene sequences. <b>1994</b> , 38, 602-9	41
1742	Evolution of the primate cytochrome c oxidase subunit II gene. <b>1994</b> , 38, 215-31	99
1741	Unbiased estimates of the number of nucleotide substitutions when substitution rate varies among different sites. <b>1994</b> , 38, 295-9	36
1740	Estimating errors and confidence intervals for branch lengths in phylogenetic trees by a bootstrap approach. <b>1994</b> , 38, 300-4	92
1739	C4 gene polymorphism in primates: evolution, generation, and Chido and Rodgers antigenicity. <b>1994</b> , 40, 381-96	17

1738	Evolution of the interleukin-1 gene family in mammals. <b>1994</b> , 39, 6-12	17
1737	High rates of nucleotide substitution in nuclear small-subunit (18S) rDNA from holoparasitic flowering plants. <b>1994</b> , 39, 62-70	82
1736	Phylogenetic analysis of the stress-70 protein family. <b>1994</b> , 39, 80-6	84
1735	Phylogeny of <i>Drosophila</i> and related genera inferred from the nucleotide sequence of the Cu,Zn Sod gene. <b>1994</b> , 38, 443-54	86
1734	Nucleotide sequence of the genomic region encompassing Adh and Adh-dup genes of <i>D. lebanonensis</i> ( <i>Scaptodrosophila</i> ): gene expression and evolutionary relationships. <b>1994</b> , 38, 455-67	10
1733	The marsupial MHC: the tammar wallaby, <i>Macropus eugenii</i> , contains an expressed DNA-like gene on chromosome 1. <b>1994</b> , 38, 496-505	30
1732	Oleosins in the gametophytes of <i>Pinus</i> and <i>Brassica</i> and their phylogenetic relationship with those in the sporophytes of various species. <b>1994</b> , 193, 461-9	29
1731	Genetic diversity among elite <i>Sorghum</i> lines revealed by restriction fragment length polymorphisms and random amplified polymorphic DNAs. <b>1994</b> , 87, 816-20	32
1730	Phylogenetic relationships among <i>Homo sapiens</i> and related species based on restriction site variations in rDNA spacers. <b>1994</b> , 32, 257-69	11
1729	Molecular cloning of a cysteine synthase cDNA from <i>Citrullus vulgaris</i> (watermelon) by genetic complementation in an <i>Escherichia coli</i> Cys- auxotroph. <b>1994</b> , 244, 57-66	36
1728	Widespread occurrence of the Tc1 transposon family: Tc1-like transposons from teleost fish. <b>1994</b> , 244, 606-12	103
1727	Two distinct P element subfamilies in the genome of <i>Drosophila bifasciata</i> . <b>1994</b> , 244, 168-75	28
1726	Structure of genes that encode isozymes of aspartate aminotransferase in <i>Panicum miliaceum</i> L., a C4 plant. <b>1994</b> , 26, 723-34	6
1725	A putative O-methyltransferase from barley is induced by fungal pathogens and UV light. <b>1994</b> , 26, 1797-806	34
1724	Chloroplast and cytosolic triosephosphate isomerases from spinach: purification, microsequencing and cDNA cloning of the chloroplast enzyme. <b>1994</b> , 26, 1961-73	38
1723	Phylogenetic relationships of <i>Manihot</i> species revealed by restriction fragment length polymorphism. <b>1994</b> , 76, 227-234	8
1722	Characterisation of the cDNA clones of two beta-tubulin genes and their expression in the potato plant ( <i>Solanum tuberosum</i> L.). <b>1994</b> , 26, 1013-18	18
1721	Molecular characterization of a novel, nuclear-encoded, NAD(+)-dependent glyceraldehyde-3-phosphate dehydrogenase in plastids of the gymnosperm <i>Pinus sylvestris</i> L. <b>1994</b> , 26, 1155-66	28

1720	Cloning and nucleotide sequence of a cDNA encoding a major fucoxanthin-, chlorophyll a/c-containing protein from the chrysophyte <i>Isochrysis galbana</i> : implications for evolution of the cab gene family. <b>1994</b> , 25, 355-68	33
1719	The phylogenetic position of <i>Dimastigella trypaniformis</i> within the parasitic kinetoplastids. <b>1994</b> , 80, 672-9	11
1718	Chloroplast DNA-based phylogeny of Asian <i>Pinus</i> species (Pinaceae). <b>1994</b> , 188, 197-211	33
1717	Chloroplast DNA restriction site polymorphism in <i>Genisteae</i> (Leguminosae) suggests a common origin for European and American lupines. <b>1994</b> , 193, 95-106	16
1716	<i>Sedum surculosum</i> and <i>S. jaccardianum</i> (Crassulaceae) share a unique 70 bp deletion in the chloroplast DNA trnL (UAA)-trnF (GAA) intergenic spacer. <b>1994</b> , 193, 213-221	22
1715	Restriction fragment length polymorphisms of the phytohemagglutinin genes in <i>Phaseolus</i> and <i>Vigna</i> (Leguminosae). <b>1994</b> , 191, 131-146	6
1714	Ribosomal RNA sequence comparisons demonstrate an evolutionary relationship between <i>Zygnematales</i> and charophytes. <b>1994</b> , 191, 171-181	46
1713	The chloroplast gene <i>rps4</i> as a tool for the study of <i>Poaceae</i> phylogeny. <b>1994</b> , 191, 27-38	116
1712	Phylogenetic relationships of the <i>Juglandaceae</i> . <b>1994</b> , 192, 11-29	29
1711	Comparisons of phylogenetic hypotheses among different data sets in dwarf dandelions ( <i>Krigia</i> , Asteraceae): Additional information from internal transcribed spacer sequences of nuclear ribosomal DNA. <b>1994</b> , 190, 157-185	204
1710	Phylogenetic relationships among genera in the <i>Liliaceae-Asparagoideae-Polygonatae</i> s.l. inferred from <i>rbcL</i> gene sequence data. <b>1994</b> , 192, 263-277	32
1709	Mitochondrial DNA and human evolution. <b>1994</b> , 26, 251-9	30
1708	Systematic and morphological diversity of endosymbiotic methanogens in anaerobic ciliates. <b>1993</b> , 64, 261-71	39
1707	Six-year longitudinal analysis of adenovirus type 3 genome types isolated in Yamagata, Japan. <b>1994</b> , 42, 198-202	15
1706	Genetic relatedness of toxic and nontoxic isolates of the marine pennate diatom <i>Pseudonitzschia</i> (Bacillariophyceae): phylogenetic analysis of 18S rRNA sequences. <b>1994</b> , 2, 166-74	4
1705	Regulation and evolution of the single alpha-tubulin gene of the ciliate <i>Tetrahymena thermophila</i> . <b>1994</b> , 27, 272-83	27
1704	Degree of diversity of hepatitis C virus quasispecies and progression of liver disease. <b>1994</b> , 20, 1144-1151	131
1703	Molecular evolution: codes, clocks, genes and genomes. <b>1994</b> , 16, 699-703	6

1702	Molecular evidence on primate phylogeny from DNA sequences. <b>1994</b> , 94, 3-24	59
1701	Simplifying genetic locus assignment of HLA-DRB genes. <b>1994</b> , 15, 58-62	38
1700	Molecular basis for color vision. <b>1994</b> , 50, 17-24	27
1699	Comparative studies on ion pumps of the bacterial rhodopsin family. <b>1994</b> , 50, 191-201	39
1698	The <i>Onchocerca volvulus</i> homologue of the multifunctional polypeptide protein disulfide isomerase. <b>1994</b> , 68, 103-17	18
1697	Increased levels of polyadenylated histone H2B mRNA accumulate during <i>Entamoeba invadens</i> cyst formation. <b>1994</b> , 67, 137-46	19
1696	Molecular characterization of the heat shock protein 90 gene of the human malaria parasite <i>Plasmodium falciparum</i> . <b>1994</b> , 67, 157-70	60
1695	Phylogenetic analysis of the <i>rpoB</i> gene from the plastid-like DNA of <i>Plasmodium falciparum</i> . <b>1994</b> , 66, 221-31	38
1694	cDNA sequence of zebrafish ( <i>Brachydanio rerio</i> ) translation elongation factor-1 alpha: molecular phylogeny of eukaryotes based on elongation factor-1 alpha protein sequences. <b>1994</b> , 1219, 529-32	23
1693	Molecular evolution of yeast thiolase isozymes. <b>1994</b> , 78, 279-282	2
1692	CLUSTAL W: improving the sensitivity of progressive multiple sequence alignment through sequence weighting, position-specific gap penalties and weight matrix choice. <b>1994</b> , 22, 4673-80	52822
1691	Phylogenetic placement of the basidiomycetous yeasts <i>Kondoa malvinella</i> and <i>Rhodospordium dacryoidum</i> , and the anamorphic yeast <i>Sympodiomyces paphiopedili</i> by means of 18S rRNA gene sequence analysis. <b>1994</b> , 35, 367-375	23
1690	Amino acid sequences of ferredoxin isoproteins from Japanese taro ( <i>Colocasia esculenta</i> Schott). <b>1994</b> , 107, 299-305	4
1689	Alpha 1,3galactosyltransferase: a target for in vivo genetic manipulation in xenotransplantation. <b>1994</b> , 141, 59-70	21
1688	Effect of sample handling on estimation of bacterial diversity in marine sediments by 16S rRNA gene sequence analysis. <b>1994</b> , 15, 215-225	90
1687	Phylogeny of spore-forming lactic acid bacteria based on 16S rRNA gene sequences. <b>1994</b> , 115, 13-7	67
1686	Determination of 16S ribosomal RNA sequences of all members of the genus <i>Peptostreptococcus</i> and their phylogenetic position. <b>1994</b> , 116, 1-5	25
1685	Phylogenetic analysis of <i>Kineococcus aurantiacus</i> based on 16S rRNA gene sequences. <b>1994</b> , 116, 7-11	1

1684	The phylogenetic position of <i>Hydrogenobacter acidophilus</i> based on 16S rRNA sequence analysis. <b>1994</b> , 119, 119-22	20
1683	Molecular analysis of enrichment cultures of marine ammonia oxidisers. <b>1994</b> , 120, 363-7	152
1682	Individualisation of two new genomic groups among American <i>Borrelia burgdorferi</i> sensu lato strains. <b>1994</b> , 121, 93-8	42
1681	Membrane-bound <i>Bacillus</i> cytochromes <i>c</i> and their phylogenetic position among bacterial class I cytochromes <i>c</i> . <b>1994</b> , 122, 203-10	23
1680	A phylogeny of the genus <i>Nocardia</i> deduced from the analysis of small-subunit ribosomal DNA sequences, including transfer of <i>Nocardia amarae</i> to the genus <i>Gordona</i> as <i>Gordona amarae</i> comb. nov. <b>1994</b> , 123, 261-7	38
1679	Phylogenetic analysis of the genus <i>Microbacterium</i> based on 16S rRNA gene sequences. <b>1994</b> , 124, 11-6	27
1678	Inconsistency between the fimbriin gene and the antigenicity of lipopolysaccharides in selected strains of <i>Porphyromonas gingivalis</i> . <b>1994</b> , 124, 333-41	16
1677	Patterns of evolution and multidimensional systematics in graylings (Lepidoptera: <i>Hipparchia</i> ). <b>1994</b> , 52, 101-119	23
1676	Mitochondrial DNA variation in North American melanopline grasshoppers. <b>1994</b> , 72, 1-9	11
1675	Molecular evolution of phosphoenolpyruvate carboxylase. <b>1994</b> , 17, 31-43	69
1674	Expression of a Gene for Major Mitochondrial Protein, ADP/ATP Translocase, during Embryogenesis in the Ascidian <i>Halocynthia roretzi</i> . <b>1994</b> , 36, 39-48	25
1673	Subtype analysis of HTLV-1 in patients with HTLV-1 uveitis. <b>1994</b> , 85, 767-70	19
1672	Identification of six Tcp-1-related genes encoding divergent subunits of the TCP-1-containing chaperonin. <b>1994</b> , 4, 89-99	274
1671	A molecular evolutionary framework for eukaryotic model organisms. <b>1994</b> , 4, 596-603	95
1670	Phylogenetic analysis of 70 kD heat shock protein sequences suggests a chimeric origin for the eukaryotic cell nucleus. <b>1994</b> , 4, 1104-14	192
1669	The colubrid radiation in Africa (Serpentes: Colubridae): phylogenetic relationships and evolutionary patterns based on immunological data. <b>1994</b> , 110, 103-140	30
1668	A taxonomic study of the <i>Rana narina</i> complex, with description of three new species (Amphibia: Ranidae). <b>1994</b> , 111, 385-415	35
1667	Marker-derived phylogeny of European cattle supports demic expansion of agriculture. <b>1994</b> , 25 Suppl 1, 19-27	30

1666	Detection of plum pox potyvirus and analysis of its molecular variability using immunocapture-PCR. <b>1994</b> , 24, 585-594	38
1665	A molecular analysis of relationships and biogeography within a species complex of Holarctic fish (genus <i>Osmerus</i> ). <b>1994</b> , 3, 235-48	55
1664	Phylogeny of mitochondrial DNA clones in tassel-eared squirrels <i>Sciurus aberti</i> . <b>1994</b> , 3, 541-50	5
1663	Mitochondrial control region and protein coding genes sequence variation among phenotypic forms of brown trout <i>Salmo trutta</i> from northern Italy. <b>1994</b> , 3, 161-71	138
1662	Molecular phylogeny of the actinorhizal Hamamelidae and relationships with host promiscuity towards <i>Frankia</i> . <b>1994</b> , 3, 459-467	51
1661	Sequence similarities and evolutionary relationships of microbial, plant and animal alpha-amylases. <b>1994</b> , 224, 519-24	79
1660	Mouse very-low-density-lipoprotein receptor (VLDLR) cDNA cloning, tissue-specific expression and evolutionary relationship with the low-density-lipoprotein receptor. <b>1994</b> , 224, 975-82	87
1659	Transcription of the rat dopamine-D2-receptor gene from two promoters. <b>1994</b> , 220, 577-84	39
1658	Glaucozystophyta model for symbiogenous evolution of new eukaryotic species. <b>1994</b> , 19-52	4
1657	PCR-mediated cloning and sequencing of the gene encoding glutamate dehydrogenase from the archaeon <i>Sulfolobus shibatae</i> : identification of putative amino-acid signatures for extremophilic adaptation. <b>1994</b> , 140, 17-24	20
1656	The villin-like protein encoded by the <i>Drosophila</i> quail gene is required for actin bundle assembly during oogenesis. <b>1994</b> , 78, 291-301	123
1655	Genetic Zoogeography of the <i>Mysis relicta</i> Species Group (Crustacea: Mysidacea) in Northern Europe and North America. <b>1994</b> , 51, 1490-1505	52
1654	An evolutionary and functional approach to the TNF receptor/ligand family. <b>1994</b> , 730, 118-33	36
1653	16S ribosomal RNA gene sequence and phylogeny of toxic <i>Microcystis</i> sp. (cyanobacteria). <b>1994</b> , 4, 333-7	15
1652	Characterization of a novel obligate anaerobe that ferments agar. <b>1994</b> , 162, 395-400	5
1651	Morphological and molecular characterization of <i>Frankia</i> sp. isolates from nodules of <i>Alnus nepalensis</i> Don. <b>1994</b> , 161, 152-5	6
1650	<i>Spirochaeta caldaria</i> sp. nov., a thermophilic bacterium that enhances cellulose degradation by <i>Clostridium thermocellum</i> . <b>1994</b> , 161, 17-24	56
1649	Evolution of 16S-like ribosomal RNA genes in the ciliophoran taxa litostomatea and phyllopharyngea. <b>1994</b> , 30, 354-361	42



1648	Molecular phylogeny of Eubacteria: a new multiple tree analysis method applied to 15 sequence data sets questions the monophyly of gram-positive bacteria. <b>1994</b> , 145, 531-41	11
1647	Phylogenetic analysis of the core histones H2A, H2B, H3, and H4. <b>1994</b> , 22, 174-9	173
1646	Primary structure of avian H <sup>+</sup> /K <sup>(+)</sup> -ATPase beta-subunit. <b>1994</b> , 1190, 189-92	9
1645	Phylogenetic Relationships Among Filamentous Helical Cyanobacteria Investigated on the Basis of 16S Ribosomal RNA Gene Sequence Analysis. <b>1994</b> , 17, 206-210	66
1644	The genetic relationship of <i>Lodderomyces elongisporus</i> to other ascomycete yeast species as revealed by small-subunit rRNA gene sequences. <b>1994</b> , 19, 308-11	24
1643	Transfer of <i>Nocardia amarae</i> Lechevalier and Lechevalier 1974 to the genus <i>Gordona</i> as <i>Gordona amarae</i> comb. nov. <b>1994</b> , 19, 401-5	9
1642	Parallel beta/alpha-barrels of alpha-amylase, cyclodextrin glycosyltransferase and oligo-1,6-glucosidase versus the barrel of beta-amylase: evolutionary distance is a reflection of unrelated sequences. <b>1994</b> , 353, 119-23	46
1641	Identification of two ets related genes in a marine worm, the polychaete annelid <i>Nereis diversicolor</i> . <b>1994</b> , 354, 62-6	5
1640	Structure of the large ribosomal subunit RNA of <i>Phytophthora megasperma</i> , and phylogeny of the oomycetes. <b>1994</b> , 338, 133-6	144
1639	The chaperone connection to the origins of the eukaryotic organelles. <b>1994</b> , 341, 146-51	87
1638	New era of calpain research. Discovery of tissue-specific calpains. <b>1994</b> , 343, 1-5	157
1637	cDNA cloning and regional distribution of a novel member of the opioid receptor family. <b>1994</b> , 343, 42-6	342
1636	Isolation and characterization of a gene for a ryanodine receptor/calcium release channel in <i>Drosophila melanogaster</i> . <b>1994</b> , 337, 81-7	131
1635	Position-based sequence weights. <b>1994</b> , 243, 574-8	346
1634	Nucleotide sequence of the <i>Rhizobium etli</i> nodS gene. <b>1994</b> , 150, 201-2	11
1633	Phylogenetic relationships among vertebrate visual pigments. <b>1994</b> , 34, 3097-102	54
1632	Sequence divergence, polymorphism and evolution of the middle-wave and long-wave visual pigment genes of great apes and Old World monkeys. <b>1994</b> , 34, 2483-91	66
1631	Biochemical Genetic Survey of Sockeye Salmon ( <i>Oncorhynchus nerka</i> ) in Canada. <b>1994</b> , 51, 114-131	66

1630	Further evidence for the phylogenetic coherence of actinomycetes with Group B-peptidoglycan and evidence for the phylogenetic intermixing of the genera <i>Microbacterium</i> and <i>Aureobacterium</i> as determined by 16S rDNA analysis. <b>1994</b> , 118, 135-139	48
1629	Genetic polymorphisms in subterranean mammals ( <i>Spalax ehrenbergi</i> superspecies) in the near east revisited: patterns and theory. <b>1994</b> , 72 ( Pt 5), 465-87	43
1628	Characterization of <i>Staphylococcus intermedius</i> from healthy dogs and cases of superficial pyoderma by DNA restriction endonuclease patterns. <b>1994</b> , 41, 259-66	20
1627	Variability in an MHC Mosa class II beta chain-encoding gene in striped bass ( <i>Morone saxatilis</i> ). <b>1994</b> , 18, 325-42	41
1626	Phylogenetic Analysis of <i>Azospirillum</i> by Direct Sequencing of PCR Amplified 16S rDNA. <b>1994</b> , 17, 197-201	21
1625	Clonal divergence in <i>Escherichia coli</i> as a result of recombination, not mutation. <b>1994</b> , 266, 1380-3	345
1624	Evolutionary relationships among bean common mosaic virus strains and closely related potyviruses. <b>1994</b> , 31, 39-48	13
1623	About the Order of Divergence of the Major Bacterial Taxa During Evolution. <b>1994</b> , 17, 32-38	42
1622	A Phylogenetic Analysis of the Genus <i>Blastobacter</i> with a View to its Future Reclassification. <b>1994</b> , 17, 51-57	16
1621	Molecular epidemiology of HIV-1 in Madrid. <b>1994</b> , 31, 331-42	17
1620	A Hypervariable 23S rRNA Region Provides a Discriminating Target for Specific Characterization of Uncultured and Cultured <i>Frankia</i> . <b>1994</b> , 17, 433-443	43
1619	Chloroplast small-subunit ribosomal RNA gene sequence from <i>Chlamydomonas parkeae</i> (Chlorophyta): molecular phylogeny of a green alga with a peculiar pigment composition. <b>1994</b> , 29, 213-217	8
1618	Nucleic acid sequence data are not per se reliable for inference of phylogenies. <b>1994</b> , 28, 749-761	19
1617	Preliminary results using the rapd analysis to screen bloom populations of <i>Emiliania huxleyi</i> (Haptophyta). <b>1994</b> , 79, 301-306	28
1616	Nucleotide sequence of the <i>cox3</i> gene from <i>Chondrus crispus</i> : evidence that UGA encodes tryptophan and evolutionary implications. <b>1994</b> , 22, 1400-3	36
1615	Molecular Phylogenetic Affinities of the Night Parrot ( <i>Geopsittacus occidentalis</i> ) and the Ground Parrot ( <i>Pezoporus wallicus</i> ). <b>1994</b> , 111, 833-843	28
1614	Mammalian phylogeny inferred from multiple protein data. <b>1994</b> , 69, 555-66	23
1613	Phylogeny of <i>Bacteroides</i> , <i>Prevotella</i> , and <i>Porphyromonas</i> spp. and related bacteria. <b>1994</b> , 176, 725-32	176

1612	GEOGRAPHIC DISTRIBUTION OF MITOCHONDRIAL DNA VARIANTS AND THE HISTORICAL BIOGEOGRAPHY OF THE SPOTTED SALAMANDER, <i>AMBYSTOMA MACULATUM</i> . <b>1994</b> , 48, 597-607	25
1611	Rickettsial relative associated with male killing in the ladybird beetle ( <i>Adalia bipunctata</i> ). <b>1994</b> , 176, 388-94	217
1610	Molecular evolution of the seventh-pandemic clone of <i>Vibrio cholerae</i> and its relationship to other pandemic and epidemic <i>V. cholerae</i> isolates. <b>1994</b> , 176, 6199-206	56
1609	GLOBAL SURVEY OF MITOCHONDRIAL DNA SEQUENCES IN THE THREESPINE STICKLEBACK: EVIDENCE FOR RECENT MIGRATIONS. <b>1994</b> , 48, 608-622	180
1608	A SPECIATIONAL HISTORY OF "LIVING FOSSILS": MOLECULAR EVOLUTIONARY PATTERNS IN HORSESHOE CRABS. <b>1994</b> , 48, 1986-2001	60
1607	HISTORICAL BIOGEOGRAPHY OF THE BANANAQUIT ( <i>COEREBE FLAVEOLA</i> ) IN THE CARIBBEAN REGION: A MITOCHONDRIAL DNA ASSESSMENT. <b>1994</b> , 48, 1041-1061	82
1606	CHROMOSOMAL VERSUS MITOCHONDRIAL DNA EVOLUTION: TRACKING THE EVOLUTIONARY HISTORY OF THE SOUTHWESTERN EUROPEAN POPULATIONS OF THE <i>SOEX ARANEUS</i> GROUP (MAMMALIA, INSECTIVORA). <b>1994</b> , 48, 623-636	55
1605	Evidence for intron capture: an unusual path for the evolution of proteins. <b>1994</b> , 91, 7506-9	13
1604	Phylogeny of the malarial genus <i>Plasmodium</i> , derived from rRNA gene sequences. <b>1994</b> , 91, 11373-7	250
1603	Tracking the origins of the cave bear ( <i>Ursus spelaeus</i> ) by mitochondrial DNA sequencing. <b>1994</b> , 91, 12336-40	78
1602	Evolutionary diversification of fungal endophytes of tall fescue grass by hybridization with <i>Epichloa</i> species. <b>1994</b> , 91, 2542-6	237
1601	Four distinct and unusual linker proteins in a mitotically dividing nucleus are derived from a 71-kilodalton polyprotein, lack p34cdc2 sites, and contain protein kinase A sites. <b>1994</b> , 14, 10-20	36
1600	Chloroplast and nuclear gene sequences indicate late Pennsylvanian time for the last common ancestor of extant seed plants. <b>1994</b> , 91, 5163-7	130
1599	Intergeneric transfer and recombination of the 6-phosphogluconate dehydrogenase gene ( <i>gnd</i> ) in enteric bacteria. <b>1994</b> , 91, 10227-31	97
1598	Molecules vs. morphology in avian evolution: the case of the "pelecaniform" birds. <b>1994</b> , 91, 9861-5	99
1597	Recombinational basis of serovar diversity in <i>Salmonella enterica</i> . <b>1994</b> , 91, 2552-6	85
1596	Evidence for two independent domestications of cattle. <b>1994</b> , 91, 2757-61	512
1595	A primate T-lymphotropic virus, PTLV-L, different from human T-lymphotropic viruses types I and II, in a wild-caught baboon ( <i>Papio hamadryas</i> ). <b>1994</b> , 91, 2848-52	91

1594	Structure, function, and evolution of mouse TL genes, nonclassical class I genes of the major histocompatibility complex. <b>1994, 91, 6589-93</b>	18
1593	Gene trees and hominoid phylogeny. <b>1994, 91, 8900-4</b>	149
1592	Analysis of patterns of DNA sequence variation in flanking and coding regions of murine germ-line immunoglobulin heavy-chain variable genes: evolutionary implications. <b>1994, 91, 12163-7</b>	18
1591	The conundrum of nonclassical major histocompatibility complex genes. <b>1994, 91, 6251-2</b>	71
1590	Phylogeny and evolution of the auks (subfamily Alcinae) based on mitochondrial DNA sequences. <b>1994, 91, 7912-6</b>	41
1589	Statistical analysis of nucleotide sequences of the hemagglutinin gene of human influenza A viruses. <b>1994, 91, 8388-92</b>	79
1588	Phylogeny of hard- and soft-tick taxa (Acari: Ixodida) based on mitochondrial 16S rDNA sequences. <b>1994, 91, 10034-8</b>	515
1587	Group I introns are inherited through common ancestry in the nuclear-encoded rRNA of Zygnematales (Charophyceae). <b>1994, 91, 9916-20</b>	93
1586	Nucleotide polymorphism in colicin E1 and Ia plasmids from natural isolates of Escherichia coli. <b>1994, 91, 11276-80</b>	23
1585	Gene conversion is involved in the transfer of genetic information between naturally occurring inversions of Drosophila. <b>1994, 91, 11517-21</b>	51
1584	Molecular evolution of the MyoD family of transcription factors. <b>1994, 91, 11522-6</b>	71
1583	African origin of human-specific polymorphic Alu insertions. <b>1994, 91, 12288-92</b>	269
1582	TATA-binding protein and nuclear differentiation in Tetrahymena thermophila. <b>1994, 14, 723-34</b>	28
1581	rbcl gene sequences provide evidence for the evolutionary lineages of leptosporangiate ferns. <b>1994, 91, 5730-4</b>	226
1580	Molecular cloning and expression of a member of the aquaporin family with permeability to glycerol and urea in addition to water expressed at the basolateral membrane of kidney collecting duct cells. <b>1994, 91, 6269-73</b>	509
1579	Major histocompatibility complex class I genes of the coelacanth Latimeria chalumnae. <b>1994, 91, 11065-9</b>	42
1578	Multiple origins of a spider radiation in Hawaii. <b>1994, 91, 2290-4</b>	91
1577	Molecular evidence for the origin of birds. <b>1994, 91, 2621-4</b>	203

1576	Isolation and characterization of major histocompatibility complex class IIB genes from the nurse shark. <b>1994</b> , 91, 262-6	94
1575	DNA sequence support for a close phylogenetic relationship between some storks and New World vultures. <b>1994</b> , 91, 5173-7	61
1574	A uniquely high level of recombination at the HLA-B locus. <b>1994</b> , 91, 5893-7	97
1573	A common ancestry for multiple catalytic antibodies generated against a single transition-state analog. <b>1994</b> , 91, 6045-9	38
1572	Inference of human evolution through cladistic analysis of nuclear DNA restriction polymorphisms. <b>1994</b> , 91, 6515-9	79
1571	Structure of homeobox-leucine zipper genes suggests a model for the evolution of gene families. <b>1994</b> , 91, 8393-7	73
1570	Low major histocompatibility complex class II diversity in European and North American moose. <b>1995</b> , 92, 4259-63	100
1569	A mitochondrial DNA clone is associated with increased risk for Alzheimer disease. <b>1995</b> , 92, 6892-5	173
1568	Structural analysis of TRAS1, a novel family of telomeric repeat-associated retrotransposons in the silkworm, <i>Bombyx mori</i> . <b>1995</b> , 15, 4545-52	95
1567	A nuclear gene of eubacterial origin in <i>Euglena gracilis</i> reflects cryptic endosymbioses during protist evolution. <b>1995</b> , 92, 9122-6	159
1566	Phylogenetic relationships of the hoatzin, an enigmatic South American bird. <b>1995</b> , 92, 11662-5	30
1565	Identification of planarian homeobox sequences indicates the antiquity of most Hox/homeotic gene subclasses. <b>1995</b> , 92, 7227-31	53
1564	Myc and Max: molecular evolution of a family of proto-oncogene products and their dimerization partner. <b>1995</b> , 92, 10217-21	67
1563	Inferring phylogenies from DNA sequences of unequal base compositions. <b>1995</b> , 92, 11317-21	210
1562	Evolutionary origin of Plasmodium and other Apicomplexa based on rRNA genes. <b>1995</b> , 92, 5793-7	182
1561	Molecular cloning of insect pro-phenol oxidase: a copper-containing protein homologous to arthropod hemocyanin. <b>1995</b> , 92, 7774-8	153
1560	Cloning and characterization of cDNAs for 70-kDa heat-shock proteins (Hsp70) from two fish species of the genus <i>Oryzias</i> . <b>1995</b> , 70, 423-33	34
1559	Phylogenetic relationships between six species of <i>Phaseolus</i> and <i>Vigna</i> as determined by RFLP analysis of ribosomal DNA.. <b>1995</b> , 70, 615-625	

1558	Genetic divergence and geographic diversification in Nautilus. <b>1995</b> , 21, 220-228	42
1557	Remarkable N <sub>2</sub> -fixing bacterial diversity detected in rice roots by molecular evolutionary analysis of nifH gene sequences. <b>1995</b> , 177, 1414-7	329
1556	Nucleotide sequence of the SrRNA gene of Entamoeba gingivalis: applications for construction of a species-specific DNA probe and phylogenetic analysis. <b>1995</b> , 39, 185-92	8
1555	Genome variation in the SAT types of foot-and-mouth disease viruses prevalent in buffalo ( <i>Syncerus caffer</i> ) in the Kruger National Park and other regions of southern Africa, 1986-93. <b>1995</b> , 114, 203-18	33
1554	Demonstration and genotyping of pestivirus RNA from mammalian cell lines. <b>1995</b> , 39, 979-85	33
1553	Rat mammary-gland transferrin: nucleotide sequence, phylogenetic analysis and glycan structure. <b>1995</b> , 307 ( Pt 1), 47-55	19
1552	Evolutionary conservation of the vertebrate Ah (dioxin) receptor: amplification and sequencing of the PAS domain of a teleost Ah receptor cDNA. <b>1995</b> , 310 ( Pt 2), 383-7	55
1551	Genetic variation and geographic distribution on the mitochondrial DNA in local populations of the musk shrew, <i>Suncus murinus</i> . <b>1995</b> , 70, 321-37	19
1550	Phylogenetic analysis of phospholipase C genes from <i>Clostridium perfringens</i> types A to E and <i>Clostridium novyi</i> . <b>1995</b> , 177, 7164-70	48
1549	INFERRING PHYLOGENIES FROM mtDNA VARIATION: MITOCHONDRIAL-GENE TREES VERSUS NUCLEAR-GENE TREES. <b>1995</b> , 49, 718-726	198
1548	ORIGIN AND RECENT ENDEMIC DIVERGENCE OF A CASPIAN MYSIS SPECIES FLOCK WITH AFFINITIES TO THE "GLACIAL RELICT" CRUSTACEANS IN BOREAL LAKES. <b>1995</b> , 49, 1215-1223	6
1547	EVOLUTION OF ASEXUALITY IN THE COSMOPOLITAN MARINE CLAM LASAEA. <b>1995</b> , 49, 140-150	24
1546	Nucleotide sequence of the cDNA encoding the proenzyme of phenol oxidase A1 of <i>Drosophila melanogaster</i> . <b>1995</b> , 92, 7769-73	132
1545	Relationship between evolutionary rate and cellular location among the Inv/Spa invasion proteins of <i>Salmonella enterica</i> . <b>1995</b> , 92, 7252-6	108
1544	The genetic link between the Chinese bamboo partridge ( <i>Bambusicola thoracica</i> ) and the chicken and junglefowls of the genus <i>Gallus</i> . <b>1995</b> , 92, 11053-6	37
1543	Contrasting histories of avian and mammalian Mhc genes revealed by class II B sequences from songbirds. <b>1995</b> , 92, 12200-4	74
1542	Pattern of ecological shifts in the diversification of Hawaiian <i>Drosophila</i> inferred from a molecular phylogeny. <b>1995</b> , 5, 1129-39	92
1541	Diversity of Magnetotactic Bacteria. <b>1995</b> , 18, 147-153	109

1540	Phylogenetic Study of Haloanaerobic Bacteria by 16S Ribosomal RNA Sequences Analysis. <b>1995</b> , 18, 189-195	7
1539	<i>Bacillus thermosphaericus</i> sp. nov. a New Thermophilic Ureolytic. <b>1995</b> , 18, 203-220	50
1538	Phylogenetic Analysis of Seven New Isolates of Ammonia-Oxidizing Bacteria Based on 16S rRNA Gene Sequences. <b>1995</b> , 18, 549-559	74
1537	Phylogenetic Position of the Two Uncultivated Trichomonads <i>Pentatrichomonoides scroa</i> Kirby and <i>Metadevescovina extranea</i> Kirby from the Hindgut of the Termite <i>Mastotermes darwiniensis</i> Froggatt. <b>1995</b> , 18, 567-573	32
1536	<i>Lonepinella koalaram</i> gen. nov., sp. nov., a New Tannin-Protein Complex Degrading Bacterium. <b>1995</b> , 18, 368-373	68
1535	Sequence Conservation between Regulatory Mercury Resistance Genes in Bacteria from Mercury Polluted and Pristine Environments. <b>1995</b> , 18, 1-6	34
1534	Relationship of a Novel Bacterial Fish Pathogen to <i>Streptobacillus moniliformis</i> and the <i>Fusobacteria</i> Group, based on 16S Ribosomal RNA Analysis. <b>1995</b> , 18, 79-84	14
1533	Transfer of <i>Acidiphilium facilis</i> and <i>Acidiphilium aminolytica</i> to the Genus <i>Acidocella</i> gen. nov., and Emendation of the Genus <i>Acidiphilium</i> . <b>1995</b> , 18, 85-91	68
1532	Diversity and Genetic Relatedness within Genera <i>Xanthomonas</i> and <i>Stenotrophomonas</i> Using Restriction Endonuclease Site Differences of PCR-amplified 16S rRNA Gene. <b>1995</b> , 18, 127-135	50
1531	A new pleomorphic ascomycete, <i>Calyptrozyma arxii</i> gen. et sp. nov., isolated from the human lower oesophagus. <b>1995</b> , 99, 1239-1246	5
1530	Ribosomal RNA sequence divergence within the Pythiaceae. <b>1995</b> , 99, 1119-1127	56
1529	Grouping and identification of low temperature basidiomycetes using mating, RAPD and RFLP analyses. <b>1995</b> , 99, 297-310	36
1528	The <i>Simulium damnosum</i> species complex: phylogenetic analysis and molecular identification based upon mitochondrially encoded gene sequences. <b>1995</b> , 4, 79-88	47
1527	THE PHYLOGENY OF PLASTIDS: A REVIEW BASED ON COMPARISONS OF SMALL-SUBUNIT RIBOSOMAL RNA CODING REGIONS. <b>1995</b> , 31, 489-498	227
1526	PHYLOGENETIC RELATIONSHIPS OF SPECIES OF UNCERTAIN TAXONOMIC POSITION WITHIN THE ACROCHAETIALES-PALMARIALES COMPLEX (RHODOPHYTA): INFERENCES FROM PHENOTYPIC AND 18S rDNA SEQUENCE DATA1. <b>1995</b> , 31, 601-611	30
1525	INFERRING TAXONOMIC POSITIONS AND TESTING GENUS LEVEL ASSIGNMENTS IN COCCOID GREEN LICHEN ALGAE: A PHYLOGENETIC ANALYSIS OF 18S RIBOSOMAL RNA SEQUENCES FROM <i>DICTYOCHLOROPSIS RETICULATA</i> AND FROM MEMBERS OF THE GENUS <i>MYRMECIA</i> (CHLOROPHYTA, TREBOUXIOPHYCEAE CL. NOV.)1. <b>1995</b> , 31, 632-639	150
1524	Cloning, expression and sequence analysis of cDNA for the luciferases from the Japanese fireflies, <i>Pyrocoelia miyako</i> and <i>Hotaria parvula</i> . <b>1995</b> , 62, 309-13	61
1523	Molecular evolution of the Ca(2+)-binding photoproteins of the Hydrozoa. <b>1995</b> , 62, 657-61	62

1522	Distribution of HLA and haplotypes of Colombian and Jamaican black populations. <b>1995</b> , 45, 111-6	16
1521	The contribution of the HLA-A, -B, -C and -DR, -DQ DNA typing to the study of the origins of Spaniards and Basques. <b>1995</b> , 45, 237-45	121
1520	Determination of HLA class II alleles by genotyping in a Manchu population in the northern part of China and its relationship with Han and Japanese populations. <b>1995</b> , 46, 111-6	46
1519	A putative lipophilic stimulant carrier protein commonly found in the taste and olfactory systems. A unique member of the pheromone-binding protein superfamily. <b>1995</b> , 230, 298-308	61
1518	Evolution of the <i>Cyprinella lutrensis</i> species group. III. Geographic variation in the mitochondrial DNA of <i>Cyprinella lutrensis</i> —the influence of Pleistocene glaciation on population dispersal and divergence. <b>1995</b> , 4, 163-172	17
1517	Colonization history of north European field voles ( <i>Microtus agrestis</i> ) revealed by mitochondrial DNA. <b>1995</b> , 4, 299-310	97
1516	A comparison of mtDNA restriction sites vs. control region sequences in phylogeographic assessment of the musk turtle ( <i>Sternotherus minor</i> ). <b>1995</b> , 4, 365-73	38
1515	Mitochondrial DNA variation in Moroccan and Spanish honey bee populations. <b>1995</b> , 4, 465-472	84
1514	Marked mitochondrial DNA differences between Mediterranean and Atlantic populations of the swordfish, <i>Xiphias gladius</i> . <b>1995</b> , 4, 473-482	56
1513	A phylogeographic survey of brook charr ( <i>Salvelinus fontinalis</i> ) in Algonquin Park, Ontario based upon mitochondrial DNA variation. <b>1995</b> , 4, 681-97	42
1512	Dynamics of Mhc evolution in birds and crocodylians: amplification of class II genes with degenerate primers. <b>1995</b> , 4, 719-29	67
1511	Molecular Cloning and Characterization of Anionic and Cationic Variants of Trypsin from Atlantic Salmon. <b>1995</b> , 232, 677-685	67
1510	A genetic study of 2,000-year-old human remains from Japan using mitochondrial DNA sequences. <b>1995</b> , 98, 133-45	65
1509	The myosin superfamily in <i>Drosophila melanogaster</i> . <b>1995</b> , 273, 104-17	6
1508	Fraction-specific populations of the hypervariable region of the hepatitis C virus in a patient with cryoglobulinemia. <b>1995</b> , 46, 403-8	8
1507	Quantitation of human cytomegalovirus genomes in the brain of AIDS patients. <b>1995</b> , 47, 70-82	19
1506	Extraction of Prokaryotic Genomic DNA from Marine Microbial Communities Suitable for Amplification Using the Polymerase Chain Reaction. <b>1995</b> , 80, 351-360	1
1505	Genotype distribution in Nagoya and new genotype (genotype 3a) in Japanese patients with hepatitis C virus. <b>1995</b> , 30, 209-14	11



1504	Phylogenetic relationships among Malagasy lemurs as revealed by mitochondrial DNA sequence analysis. <b>1995</b> , 36, 431-440	31
1503	Allozymic characterization and evolutionary relationships in the Brazilian Akodon cursor species group (Rodentia-Cricetidae). <b>1995</b> , 33, 283-95	15
1502	AZFY-like sequence in fish, with comments on the evolution of the ZFY family of genes in vertebrates. <b>1995</b> , 33, 227-235	1
1501	Variation and phylogeny of the ribosomal DNA unit types and 5 S DNA in <i>Petunia</i> Jussieu. <b>1995</b> , 42, 311-325	4
1500	Mitochondrial DNA polymorphism and phylogenetic relationships in <i>Hevea brasiliensis</i> . <b>1995</b> , 1, 51-63	55
1499	Sequence analysis of cDNA for the VP6 protein of group A avian rotavirus: a comparison with group A mammalian rotaviruses. <b>1995</b> , 140, 605-12	20
1498	Genetic and antigenic variation in the haemagglutinin of recently circulating human influenza A (H3N2) viruses in the United Kingdom. <b>1995</b> , 140, 1889-904	43
1497	A multiple alignment of the capsid protein sequences of nepoviruses and comoviruses suggests a common structure. <b>1995</b> , 140, 2041-53	21
1496	Perpetuation of influenza A viruses in Alaskan waterfowl reservoirs. <b>1995</b> , 140, 1163-72	192
1495	Sequence comparison and classification of beet luteovirus isolates. <b>1995</b> , 140, 2183-200	15
1494	Sequence evolution of the Gpdh gene in the <i>Drosophila virilis</i> species group. <b>1995</b> , 96, 293-302	17
1493	Sequence of the gene encoding the 16S rRNA of the beer spoilage organism <i>Megasphaera cerevisiae</i> . <b>1995</b> , 15, 67-70	15
1492	The phylogenetic relationships of <i>Eeniella nana</i> Smith, Batenburg-van der Vegte et Scheffers based on the partial sequences of 18S and 26S ribosomal RNAs (Candidaceae). <b>1995</b> , 14, 456-60	4
1491	Phylogenetic relationships within <i>Taenia taeniaeformis</i> variants and other taeniid cestodes inferred from the nucleotide sequence of the cytochrome c oxidase subunit I gene. <b>1995</b> , 81, 451-8	88
1490	Gorilla and orangutan c-myc nucleotide sequences: Inference on hominoid phylogeny. <b>1995</b> , 41, 262-276	12
1489	Molecular phylogeny of gibbons inferred from mitochondrial DNA sequences: Preliminary report. <b>1995</b> , 41, 359-365	43
1488	Evolution according to large ribosomal subunit RNA. <b>1995</b> , 41, 366-75	60
1487	The diversity of <i>Malassezia</i> yeasts confirmed by rRNA sequence and nuclear DNA comparisons. <b>1995</b> , 67, 297-314	139

1486	Physical map and gene organization of the mitochondrial genome from the unicellular green alga <i>Platymonas (Tetraselmis) subcordiformis</i> (Prasinophyceae). <b>1995</b> , 29, 1081-6	14
1485	Multiple cDNAs of wheat voltage-dependent anion channels (VDAC): isolation, differential expression, mapping and evolution. <b>1995</b> , 29, 109-24	49
1484	The marine red alga <i>Chondrus crispus</i> has a highly divergent beta-tubulin gene with a characteristic 5' intron: functional and evolutionary implications. <b>1995</b> , 28, 313-25	20
1483	Cloning of the amphibolic Calvin cycle/OPPP enzyme D-ribulose-5-phosphate 3-epimerase (EC 5.1.3.1) from spinach chloroplasts: functional and evolutionary aspects. <b>1995</b> , 29, 1279-91	28
1482	Characterization of the single <i>psbA</i> gene of <i>Prochlorococcus marinus</i> CCMP 1375 (Prochlorophyta). <b>1995</b> , 27, 1189-96	37
1481	The myrosinase gene family in <i>Arabidopsis thaliana</i> : gene organization, expression and evolution. <b>1995</b> , 27, 911-22	82
1480	Genetic variation and cultivar identification of Jamaican yam germplasm by random amplified polymorphic DNA analysis. <b>1995</b> , 92, 341-351	30
1479	Molecular comparison of carbonic anhydrase from <i>Flaveria</i> species demonstrating different photosynthetic pathways. <b>1995</b> , 29, 353-65	23
1478	Paralogous origin of the rhodopsinlike opsin genes in lizards. <b>1995</b> , 40, 594-600	16
1477	Improved dating of the human/chimpanzee separation in the mitochondrial DNA tree: heterogeneity among amino acid sites. <b>1995</b> , 40, 622-8	81
1476	Partial sequence of ribulose-1,5-bisphosphate carboxylase/oxygenase and the phylogeny of <i>Prochloron</i> and <i>Prochlorococcus</i> (Prochlorales). <b>1995</b> , 40, 671-7	44
1475	Evaluation of several methods for estimating phylogenetic trees when substitution rates differ over nucleotide sites. <b>1995</b> , 40, 689-697	47
1474	The expanding small heat-shock protein family, and structure predictions of the conserved "alpha-crystallin domain". <b>1995</b> , 40, 238-48	314
1473	Recombination in AIDS viruses. <b>1995</b> , 40, 249-59	325
1472	Mammalian mitochondrial DNA evolution: a comparison of the cytochrome b and cytochrome c oxidase II genes. <b>1995</b> , 40, 260-72	73
1471	Different evolutionary histories of kringle and protease domains in serine proteases: a typical example of domain evolution. <b>1995</b> , 40, 331-6	26
1470	Evolutionary analysis of the picornavirus family. <b>1995</b> , 40, 362-71	32
1469	The evolutionary relationships of two families of cottoid fishes of Lake Baikal (east Siberia) as suggested by analysis of mitochondrial DNA. <b>1995</b> , 40, 392-9	26

1468	Multiple origins of anural development in ascidians inferred from rDNA sequences. <b>1995</b> , 40, 413-27	83
1467	Molecular analysis of glyceraldehyde-3-phosphate dehydrogenase in <i>Trypanoplasma borelli</i> : an evolutionary scenario of subcellular compartmentation in kinetoplastida. <b>1995</b> , 40, 443-54	45
1466	Complement component C4 gene intron 9 as a phylogenetic marker for primates: long terminal repeats of the endogenous retrovirus ERV-K(C4) are a molecular clock of evolution. <b>1995</b> , 42, 41-52	78
1465	Estimating the intensity of male-driven evolution in rodents by using X-linked and Y-linked Ube 1 genes and pseudogenes. <b>1995</b> , 40, 70-7	38
1464	Molecular evolution of the nicotinic acetylcholine receptor: an example of multigene family in excitable cells. <b>1995</b> , 40, 155-72	345
1463	Phylogeny of African monkeys based upon mitochondrial 12S rRNA sequences. <b>1995</b> , 40, 173-80	116
1462	New methods for estimating the numbers of synonymous and nonsynonymous substitutions. <b>1995</b> , 40, 190-226	159
1461	Trans-sialidase genes expressed in mammalian forms of <i>Trypanosoma cruzi</i> evolved from ancestor genes expressed in insect forms of the parasite. <b>1995</b> , 41, 120-31	17
1460	Codon bias in actin multigene families and effects on the reconstruction of phylogenetic relationships. <b>1995</b> , 41, 141-9	8
1459	The molecular cloning of a phospholipase A2 from <i>Bothrops jararacussu</i> snake venom: evolution of venom group II phospholipase A2's may imply gene duplications. <b>1995</b> , 41, 174-9	41
1458	Mitochondrial DNA sequences of various species of the genus <i>Equus</i> with special reference to the phylogenetic relationship between Przewalskii's wild horse and domestic horse. <b>1995</b> , 41, 180-8	56
1457	DNA sequence, structure, and phylogenetic relationship of the mitochondrial small-subunit rRNA from the red alga <i>Chondrus crispus</i> (Gigartinales rhodophytes). <b>1995</b> , 41, 196-202	10
1456	Analyses of ribosomal RNA sequences from glaucocystophyte cyanelles provide new insights into the evolutionary relationships of plastids. <b>1995</b> , 41, 203-10	54
1455	Molecular phylogeny of the Homoptera: a paraphyletic taxon. <b>1995</b> , 41, 211-23	166
1454	The phylogenetic positions of the conifer genera <i>Amentotaxus</i> , <i>Phyllocladus</i> , and <i>Nageia</i> inferred from 18S rRNA sequences. <b>1995</b> , 41, 224-30	27
1453	Phylogenetic position of <i>Dictyostelium</i> inferred from multiple protein data sets. <b>1995</b> , 41, 238-46	20
1452	Major histocompatibility complex class II A gene polymorphism in the striped bass. <b>1995</b> , 41, 229-38	43
1451	Structural analysis of the RH-like blood group gene products in nonhuman primates. <b>1995</b> , 41, 271-81	42

1450	Substitution rates in hepatitis delta virus. <b>1995</b> , 41, 721-6	17
1449	Phylogenetic relationships between tuna species of the genus <i>Thunnus</i> (Scombridae: Teleostei): inconsistent implications from morphology, nuclear and mitochondrial genomes. <b>1995</b> , 41, 741-8	95
1448	Molecular evolution and secondary structural conservation in the B-cell lymphoma leukemia 2 ( <i>bcl-2</i> ) family of proto-oncogene products. <b>1995</b> , 41, 775-83	6
1447	Human and mouse Krüppel-like (MOK2) orthologue genes encode two different zinc finger proteins. <b>1995</b> , 41, 784-94	12
1446	The vertebrate linker histones H1 zero, H5, and H1M are descendants of invertebrate "orphan" histone H1 genes. <b>1995</b> , 41, 833-40	21
1445	Molecular phylogeny based on the kappa-casein and cytochrome b sequences in the mammalian suborder Ruminantia. <b>1995</b> , 41, 859-66	47
1444	Molecular evolution of group II phospholipases A2. <b>1995</b> , 41, 867-77	50
1443	A reassessment of mammalian alpha A-crystallin sequences using DNA sequencing: implications for anthropoid affinities of tarsier. <b>1995</b> , 41, 901-8	17
1442	The sequence, organization, and evolution of the <i>Locusta migratoria</i> mitochondrial genome. <b>1995</b> , 41, 928-41	174
1441	Differential homogenization and amplification of two satellite DNAs in the genus <i>Cucurbita</i> (Cucurbitaceae). <b>1995</b> , 41, 996-1005	33
1440	The RecA protein as a model molecule for molecular systematic studies of bacteria: comparison of trees of RecAs and 16S rRNAs from the same species. <b>1995</b> , 41, 1105-23	176
1439	A method for determining the position and size of optimal sequence regions for phylogenetic analysis. <b>1995</b> , 41, 1128-38	12
1438	Structure and evolution of teleost mitochondrial control regions. <b>1995</b> , 41, 54-66	480
1437	The origin of land plants: phylogenetic relationships among charophytes, bryophytes, and vascular plants inferred from complete small-subunit ribosomal RNA gene sequences. <b>1995</b> , 41, 74-84	95
1436	The evolution of the type I interferon gene family in mammals. <b>1995</b> , 41, 539-48	54
1435	The evolution of protamine P1 genes in dasyurid marsupials. <b>1995</b> , 41, 549-55	24
1434	The pvB370 BamHI satellite DNA family of the <i>Drosophila virilis</i> group and its evolutionary relation to mobile dispersed genetic pDv elements. <b>1995</b> , 41, 604-14	46
1433	Molecular evolution of the mitochondrial 12S rRNA in Ungulata (mammalia). <b>1995</b> , 41, 622-36	40

1432	Revised dinoflagellate phylogeny inferred from molecular analysis of large-subunit ribosomal RNA gene sequences. <b>1995</b> , 41, 637-45	71
1431	Molecular phylogeny of <i>Allomyces macrogynus</i> : congruency between nuclear ribosomal RNA- and mitochondrial protein-based trees. <b>1995</b> , 41, 657-65	28
1430	Testing the phylogeny of swordtail fishes using split decomposition and spectral analysis. <b>1995</b> , 41, 666	27
1429	Molecular cloning of major histocompatibility complex class II B gene cDNA from the Bengalese finch <i>Lonchura striata</i> . <b>1995</b> , 42, 262-7	12
1428	Mhc-A locus molecules in pygmy chimpanzees: conservation of peptide pockets. <b>1995</b> , 42, 291-5	10
1427	Cloning and characterization of class I Mhc genes of the zebrafish, <i>Brachydanio rerio</i> . <b>1995</b> , 42, 77-84	56
1426	Extensive MHC class II DRB3 diversity in African and European cattle. <b>1995</b> , 42, 408-13	40
1425	Primate DRB genes from the DR3 and DR8 haplotypes contain ERV9 LTR elements at identical positions. <b>1995</b> , 41, 74-82	29
1424	The nucleotide sequence of the sheep MHC class II DNA gene. <b>1995</b> , 41, 131-3	9
1423	Gorilla and orangutan c-myc nucleotide sequences: inference on hominoid phylogeny. <b>1995</b> , 41, 262-76	1
1422	Identification of major histocompatibility complex genes in the guppy, <i>Poecilia reticulata</i> . <b>1996</b> , 43, 38-49	46
1421	The sheep orthologue of the HLA-DOB gene. <b>1996</b> , 43, 76-9	9
1420	Allelic diversity at the Mhc-DP locus in rhesus macaques ( <i>Macaca mulatta</i> ). <b>1995</b> , 41, 29-37	35
1419	Isolation and characterization of cDNA clones for Japanese quail ( <i>Coturnix japonica</i> ) major histocompatibility complex (MhcCoja) class I molecules. <b>1995</b> , 42, 213-6	17
1418	Intraspecific differentiation of garlic ( <i>Allium sativum</i> L.) by isozyme and RAPD markers. <b>1995</b> , 91, 89-97	98
1417	Phylogenetic relationships within <i>Hevea brasiliensis</i> as deduced from a polymorphic mitochondrial DNA region. <b>1995</b> , 91, 876-84	16
1416	Mitochondrial DNA sequences reveal close relationships between social parasitic ants and their host species. <b>1995</b> , 28, 242-7	17
1415	Molecular phylogeny of the fungi of the Iceman's grass clothing. <b>1995</b> , 28, 289-97	35

1414	Phylogeny of <i>Alternaria</i> fungi known to produce host-specific toxins on the basis of variation in internal transcribed spacers of ribosomal DNA. <b>1995</b> , 28, 491-8	176
1413	Structural features and phylogeny of the actin gene of <i>Chondrus crispus</i> (Gigartinales, Rhodophyta). <b>1995</b> , 28, 164-72	22
1412	Codon usage, genetic code and phylogeny of <i>Dictyostelium discoideum</i> mitochondrial DNA as deduced from a 7.3-kb region. <b>1995</b> , 27, 249-56	22
1411	Phylogenetic position of the Chromista plastids based on small subunit rRNA coding regions. <b>1995</b> , 28, 560-5	31
1410	AZFY-like sequence in fish, with comments on the evolution of the ZFY family of genes in vertebrates. <b>1995</b> , 33, 227-235	4
1409	Analysis of genetic diversity of domestic cattle in east and Southeast Asia in terms of variations in restriction sites and sequences of mitochondrial DNA. <b>1995</b> , 33, 51-60	33
1408	Molecular cloning, sequencing and sequence analysis of the fox-2 gene of <i>Neurospora crassa</i> encoding the multifunctional beta-oxidation protein. <b>1995</b> , 247, 95-104	25
1407	Nucleotide sequence and analysis of the centromeric region of yeast chromosome IX. <b>1995</b> , 11, 61-78	19
1406	Molecular phylogenetic analysis of a soil microbial community in a soybean field. <b>1995</b> , 46, 415-421	123
1405	Evolution of the chaperonin families (Hsp60, Hsp10 and Tcp-1) of proteins and the origin of eukaryotic cells. <b>1995</b> , 15, 1-11	247
1404	Interspecies recombination in nature: a meningococcus that has acquired a gonococcal PIB porin. <b>1995</b> , 15, 1001-7	40
1403	A family of bacteriocin ABC transporters carry out proteolytic processing of their substrates concomitant with export. <b>1995</b> , 16, 229-40	496
1402	Phylogeny of the large extrachromosomal DNA of organisms in the phylum Apicomplexa. <b>1995</b> , 42, 679-84	33
1401	S-allele sequence diversity in natural populations of <i>Solanum carolinense</i> (Horsenettle). <b>1995</b> , 75 (Pt 4), 405-15	96
1400	Molecular evolutionary analyses of nuclear-encoded small subunit ribosomal RNA identify an independent rhizopod lineage containing the Euglyphina and the Chlorarachniophyta. <b>1995</b> , 42, 65-9	126
1399	Phylogenetic relationships of the Nassulida within the phylum Ciliophora inferred from the complete small subunit rRNA gene sequences of <i>Furgasonia blochmanni</i> , <i>Obertruria georgiana</i> , and <i>Pseudomicrothorax dubius</i> . <b>1995</b> , 42, 126-31	37
1398	Primary structure of the hydrogenosomal malic enzyme of <i>Trichomonas vaginalis</i> and its relationship to homologous enzymes. <b>1995</b> , 42, 593-603	62
1397	Class II B Mhc motifs in an evolutionary perspective. <b>1995</b> , 143, 89-111	58

1396	Quantifying the degree of convergence in primate Mhc-DRB genes. <b>1995</b> , 143, 123-40	39
1395	Characterization of Superoxide dismutase genes from Gram-positive bacteria by polymerase chain reaction using degenerate primers. <b>1995</b> , 131, 41-45	57
1394	Phylogenetic position of the menaquinone-containing acidophilic chemo-organotroph <i>Acidobacterium capsulatum</i> . <b>1995</b> , 132, 91-4	31
1393	A new root-nodulating symbiont of the tropical legume <i>Sesbania</i> , <i>Rhizobium</i> sp. SIN-1, is closely related to <i>R. galegae</i> , a species that nodulates temperate legumes. <b>1995</b> , 134, 19-25	22
1392	The flagellin gene of <i>Borrelia miyamotoi</i> sp. nov. and its phylogenetic relationship among <i>Borrelia</i> species. <b>1995</b> , 134, 255-8	42
1391	Phenotypic and genotypic differences between certain strains of <i>Clostridium acetobutylicum</i> . <b>1995</b> , 125, 199-204	31
1390	Phylogenetic position of <i>Rickettsia tsutsugamushi</i> and the relationship among its antigenic variants by analyses of 16S rRNA gene sequences. <b>1995</b> , 125, 299-304	33
1389	Taxonomy of <i>Corynebacterium diphtheriae</i> and related taxa, with recognition of <i>Corynebacterium ulcerans</i> sp. nov. nom. rev. <b>1995</b> , 126, 271-6	53
1388	Phylogenetic analysis of a novel sulfate-reducing magnetic bacterium, RS-1, demonstrates its membership of the delta-Proteobacteria. <b>1995</b> , 126, 277-82	47
1387	INTRASPECIFIC GENETIC DIFFERENTIATION IN CALIFORNIA SEA LIONS ( <i>ZALOPHUS CALIFORNIANUS</i> ) FROM SOUTHERN CALIFORNIA AND THE GULF OF CALIFORNIA. <b>1995</b> , 11, 46-58	48
1386	Origin of a Spanish population of <i>Fundulus heteroclitus</i> inferred by cytochrome b sequence analysis. <b>1995</b> , 47, 737-740	11
1385	Evidence supporting the paraphyly of <i>Hucho</i> (Salmonidae) based on ribosomal DNA restriction maps. <b>1995</b> , 47, 956-961	19
1384	Morphological and genetic differentiation of the African clupeid <i>Limnothrissa miodon</i> 34 years after its introduction to Lake Kivu. <b>1995</b> , 47, 127-144	28
1383	LINGUISTICS, GENETICS AND ARCHAEOLOGY: INTERNAL AND EXTERNAL EVIDENCE IN THE AMERIND CONTROVERSY*. <b>1995</b> , 93, 125-225	16
1382	A chloroplast-DNA phylogeny of <i>Kalimeris</i> and <i>Aster</i> , with reference to the generic circumscription. <b>1995</b> , 108, 93-96	13
1381	A genetic affinity analysis of human populations. <b>1995</b> , 10, 17-33	11
1380	DNA analysis of <i>Ammonia beccarii</i> morphotypes: one or more species?. <b>1995</b> , 26, 171-178	30
1379	Construction of molecular evolutionary phylogenetic trees from DNA sequences based on minimum complexity principle. <b>1995</b> , 46, 121-30	2

1378	Characterization of genes encoding members of the nuclear hormone receptor superfamily from <i>Onchocerca volvulus</i> . <b>1995</b> , 70, 19-31	16
1377	Characterization and detection of plant trypanosomatids by sequence analysis of the small subunit ribosomal RNA gene. <b>1995</b> , 71, 15-26	42
1376	Natural selection on <i>Plasmodium</i> surface proteins. <b>1995</b> , 71, 99-113	170
1375	Primary structure of a putative adenylate kinase gene of <i>Giardia lamblia</i> . <b>1995</b> , 71, 279-83	8
1374	Phylogenetic relationships between Old World <i>Leishmania</i> strains revealed by analysis of a repetitive DNA sequence. <b>1995</b> , 73, 249-52	48
1373	Identification of a third ubiquitous calpain species--chicken muscle expresses four distinct calpains. <b>1995</b> , 1261, 381-93	61
1372	Molecular epidemiological tools and phylogenetic analysis of bacteria and viruses with special emphasis on lyssaviruses. <b>1995</b> , 25, 161-181	5
1371	Molecular cloning of the <i>hom-thrC-thrB</i> cluster from <i>Bacillus</i> sp. ULM1: expression of the <i>thrC</i> gene in <i>Escherichia coli</i> and corynebacteria, and evolutionary relationships of the threonine genes. <b>1995</b> , 40, 595-606	6
1370	Genetic relationships among domesticated and wild sunflowers ( <i>Helianthus annuus</i> , Asteraceae). <b>1995</b> , 49, 239-248	39
1369	The Compartmentation of Acetyl-Coenzyme A Carboxylase in Plants. <b>1995</b> , 108, 445-449	148
1368	Phylogeny of <i>Sym</i> plasmids of rhizobia by PCR-based sequencing of a <i>nodC</i> segment. <b>1995</b> , 177, 468-72	63
1367	Genetic variation within and among North Atlantic and Baltic populations of the benthic alga <i>Phycodrys rubens</i> (Rhodophyta). <b>1995</b> , 30, 251-260	46
1366	Organisation of the plastid genome from the rhodophyte <i>Chondrus crispus</i> (Gigartinales); sequence and phylogeny of the 16S rRNA gene. <b>1995</b> , 30, 133-140	10
1365	Molecular characterization of an HIV type 1 isolate from Burundi. <b>1995</b> , 11, 981-4	5
1364	Sequences, structural models, and cellular localization of the actin-related proteins Arp2 and Arp3 from <i>Acanthamoeba</i> . <b>1995</b> , 131, 385-97	166
1363	Evolution of the chalcone synthase gene family in the genus <i>Ipomoea</i> . <b>1995</b> , 92, 3338-42	93
1362	Isolation from human brain of six previously unreported cDNAs related to the reverse transcriptase of human endogenous retroviruses. <b>1995</b> , 11, 231-7	20
1361	Isolation and characterization of the first simian immunodeficiency virus from a feral sooty mangabey ( <i>Cercocebus atys</i> ) in West Africa. <b>1995</b> , 24, 108-15	31



1360	Mixia osmundae: transfer from the Ascomycota to the Basidiomycota based on evidence from molecules and morphology. <b>1995</b> , 73, 660-666	32
1359	Paracoccus thiocyanatus sp. nov., a new species of thiocyanate-utilizing facultative chemolithotroph, and transfer of Thiobacillus versutus to the genus Paracoccus as Paracoccus versutus comb. nov. with emendation of the genus. <b>1995</b> , 141 ( Pt 6), 1469-1477	125
1358	Generation of immunoglobulin light chain gene diversity in Raja erinacea is not associated with somatic rearrangement, an exception to a central paradigm of B cell immunity. <b>1995</b> , 182, 109-19	58
1357	Molecular cloning and characterization of the bovine and porcine outer dense fibers cDNA and organization of the bovine gene. <b>1995</b> , 376, 431-5	7
1356	Pineal opsin: a nonvisual opsin expressed in chick pineal. <b>1995</b> , 267, 1502-6	145
1355	Phylogenetic Relationships among North American Grouse Inferred from Restriction Endonuclease Analysis of Mitochondrial DNA. <b>1995</b> , 97, 492-502	14
1354	Speciation in Vireos. I. Macrogeographic Patterns of Allozymic Variation in the Vireo solitarius Complex in the Contiguous United States. <b>1995</b> , 97, 903-919	21
1353	Isolation and molecular characterization of a human T-cell lymphotropic virus type II (HTLV-II), subtype B, from a healthy Pygmy living in a remote area of Cameroon: an ancient origin for HTLV-II in Africa. <b>1995</b> , 92, 4041-5	81
1352	R4, a non-LTR retrotransposon specific to the large subunit rRNA genes of nematodes. <b>1995</b> , 23, 4628-34	70
1351	Three subunits of the RNA polymerase II mediator complex are involved in glucose repression. <b>1995</b> , 23, 4421-5	67
1350	Detecting dinosaur DNA. <b>1995</b> , 268, 1191-2; author reply 1194	65
1349	Sequences of conserved region in the A subunit of DNA gyrase from nine species of the genus Mycobacterium: phylogenetic analysis and implication for intrinsic susceptibility to quinolones. <b>1995</b> , 39, 2145-9	37
1348	Adaptive evolution of color vision genes in higher primates. <b>1995</b> , 269, 1265-7	84
1347	Taxonomic status of tree weta from Stephens Island, Mt Holdsworth and Mt Arthur, based on allozyme variation. <b>1995</b> , 25, 301-312	22
1346	Molecular markers of zooplankton dispersal in the ocean. <b>1995</b> , 33, 1165-1175	3
1345	Evolution of the SNF2 family of proteins: subfamilies with distinct sequences and functions. <b>1995</b> , 23, 2715-23	620
1344	Identification of human T cell lymphotropic virus type IIa infection in the Kayapo, an indigenous population of Brazil. <b>1995</b> , 11, 813-21	111
1343	Melatonin receptors are for the birds: molecular analysis of two receptor subtypes differentially expressed in chick brain. <b>1995</b> , 15, 1003-15	293

1342	Reclassification of "Propionibacterium rubrum" as <i>P. jensenii</i> . <b>1995</b> , 146, 51-8	15
1341	Phylogenetic analysis of the genus <i>Rickettsia</i> by 16S rDNA sequencing. <b>1995</b> , 146, 385-96	170
1340	The genus <i>Methylophaga</i> , a new line of descent within phylogenetic branch gamma of Proteobacteria. <b>1995</b> , 146, 543-50	56
1339	Distinctness of NSP1 gene of human rotavirus AU-1 from NSP1 gene of other human genogroups. <b>1995</b> , 146, 423-428	14
1338	Evolution of the major histocompatibility complex: a current overview. <b>1995</b> , 3, 1-20	40
1337	Fish major histocompatibility complex genes: an expansion. <b>1995</b> , 19, 109-33	99
1336	Evolutionary history of the ligand-gated ion-channel superfamily of receptors. <b>1995</b> , 18, 121-7	460
1335	A protein kinase from <i>Dictyostelium discoideum</i> with an unusual acidic repeat domain. <b>1995</b> , 1265, 97-101	2
1334	Structure and diversity of the T-cell receptor alpha chain in rhesus macaque and chimpanzee. <b>1995</b> , 43, 85-94	11
1333	HLA allele and haplotype frequencies in Algerians. Relatedness to Spaniards and Basques. <b>1995</b> , 43, 259-68	112
1332	Molecular basis for tetrachromatic color vision. <b>1995</b> , 112, 405-14	14
1331	Characterization of the gene encoding carbonic anhydrase I from the pigtail macaque. <b>1995</b> , 152, 265-9	4
1330	Characterization of <i>levJ</i> , a sucrase/fructanase-encoding gene from <i>Actinomyces naeslundii</i> T14V, and comparison of its product with other sucrose-cleaving enzymes. <b>1995</b> , 152, 93-8	21
1329	Isolation and characterization of a cDNA encoding a chicken actin-like protein. <b>1995</b> , 154, 205-9	12
1328	The gene encoding the beta-1,4-endoglucanase (CelA) from <i>Myxococcus xanthus</i> : evidence for independent acquisition by horizontal transfer of binding and catalytic domains from actinomycetes. <b>1995</b> , 158, 23-9	18
1327	The rhodopsin-encoding gene of bony fish lacks introns. <b>1995</b> , 164, 273-7	73
1326	Identification and characterisation of a novel human RNA-binding protein. <b>1995</b> , 166, 323-7	24
1325	A cDNA clone from the sea lamprey <i>Petromyzon marinus</i> coding for a scavenger receptor Cys-rich (SRCR) domain protein. <b>1995</b> , 164, 267-71	30

1324	Nuclear DNA polymorphism in a Mandenka population from Senegal: comparison with eight other human populations. <b>1995</b> , 59, 43-61	29
1323	Human mitochondrial DNA variation and the origin of Basques. <b>1995</b> , 59, 63-81	174
1322	Molecular evolution of receptors for eicosanoids. <b>1995</b> , 361, 17-21	117
1321	The arrestin superfamily: cone arrestins are a fourth family. <b>1995</b> , 362, 247-55	63
1320	Phylogenetic classification of the major superfamily of membrane transport facilitators, as deduced from yeast genome sequencing. <b>1995</b> , 377, 232-6	63
1319	The spirochaetes: A different way of life. <b>1995</b> , 93, 63-95	15
1318	Relationships between serotypes and genotypes of hepatitis B virus: genetic classification of HBV by use of surface genes. <b>1995</b> , 39, 25-34	29
1317	Nucleotide and deduced amino acid sequences of the M and S genome segments of a Swedish Puumala virus isolate. <b>1995</b> , 39, 321-30	20
1316	Molecular cloning and characterisation of peroxidases from buffel grass ( <i>Cenchrus ciliaris</i> L.). <b>1995</b> , 110, 95-103	4
1315	A novel vertebrate svp-related nuclear receptor is expressed as a step gradient in developing rhombomeres and is affected by retinoic acid. <b>1995</b> , 52, 233-46	32
1314	Purification, primary structure, and evolution of cytochrome c-550 from the magnetic bacterium, <i>Magnetospirillum magnetotacticum</i> . <b>1995</b> , 163, 400-6	8
1313	Phylogenetic Analysis of Uncultured Magnetotactic Bacteria from the Alpha-Subclass of Proteobacteria. <b>1995</b> , 17, 501-508	48
1312	Two Japanese wildcats, the Tsushima cat and the Iriomote cat, show the same mitochondrial DNA lineage as the leopard cat <i>Felis bengalensis</i> . <b>1995</b> , 12, 655-9	32
1311	Mitochondrial DNA variability in <i>Anguilla anguilla</i> and phylogenetical relationships with congeneric species. <b>1995</b> , 62, 147-151	9
1310	Transfer of two <i>Burkholderia</i> and an <i>Alcaligenes</i> species to <i>Ralstonia</i> gen. Nov.: Proposal of <i>Ralstonia pickettii</i> (Ralston, Palleroni and Doudoroff 1973) comb. Nov., <i>Ralstonia solanacearum</i> (Smith 1896) comb. Nov. and <i>Ralstonia eutropha</i> (Davis 1969) comb. Nov. <b>1995</b> , 39, 897-904	503
1309	Rab2 nucleotide coding sequence in <i>Gallus gallus</i> and its phylogenetic position. <b>1995</b> , 6, 37-9	
1308	Molecular Biology of the Honeybee. <b>1995</b> , 25, 105-149	3
1307	Indigenous and introduced populations of <i>Agaricus bisporus</i> , the cultivated button mushroom, in eastern and western Canada: implications for population biology, resource management, and conservation of genetic diversity. <b>1995</b> , 73, 1925-1938	30

1306	Genetic diversity of N <sub>2</sub> -fixing bacteria associated with rice roots by molecular evolutionary analysis of a nifD library. <b>1995</b> , 41, 235-40	46
1305	Identification of Zucchini yellow mosaic potyvirus by RT-PCR and analysis of sequence variability. <b>1995</b> , 55, 83-96	32
1304	Molecular phytoeny of conifers using RFLP analysis of PCR-amplified specific chloroplast genes. <b>1995</b> , 91, 1222-36	169
1303	Mitochondrial DNA control region sequences indicate extensive mixing of swordfish ( <i>Xiphias gladius</i> ) populations in the Atlantic Ocean. <b>1995</b> , 52, 1720-1732	62
1302	An Open Reading Frame (ycf11) is Evolutionary Conserved from Cyanobacteria to the Plastid DNAs of Archegoniates and Gymnosperms, is Modified in the Plastid DNAs of Dicots, and is not Plastome Encoded in Monocots. <b>1995</b> , 146, 258-262	3
1301	Phylogenetic analysis of ten black yeast species using nuclear small subunit rRNA gene sequences. <b>1995</b> , 68, 19-33	64
1300	A robust model for finding optimal evolutionary trees. <b>1995</b> , 13, 155-179	89
1299	Classification of hepatitis C virus into major types and subtypes based on molecular evolutionary analysis. <b>1995</b> , 36, 201-14	35
1298	Primary genetic characterization of HIV-1 isolates from WHO-sponsored vaccine evaluation sites by the RNase-A mismatch method. <b>1995</b> , 39, 251-9	12
1297	Comparative study of the genetic variability in thymidine kinase and glycoprotein B genes of herpes simplex viruses by the RNase A mismatch cleavage method. <b>1995</b> , 35, 205-14	8
1296	Large deletions in the 5'-untranslated region of foot-and-mouth disease virus of serotype C. <b>1995</b> , 35, 155-67	36
1295	Approximation algorithms for tree alignment with a given phylogeny. <b>1996</b> , 16, 302-315	39
1294	Molecular systematics and evolution of reproductive traits of North American freshwater unionacean mussels (Mollusca: Bivalvia) as inferred from 16S rRNA gene sequences. <b>1996</b> , 351, 1593-603	80
1293	Using CLUSTAL for multiple sequence alignments. <b>1996</b> , 266, 383-402	1239
1292	An ascidian homologue of vertebrate BMPs-5-8 is expressed in the midline of the anterior neuroectoderm and in the midline of the ventral epidermis of the embryo. <b>1996</b> , 57, 181-90	33
1291	Expression of a new G protein-coupled receptor X-msr is associated with an endothelial lineage in <i>Xenopus laevis</i> . <b>1996</b> , 59, 129-40	106
1290	Comparative analysis of the attachment protein gene (H) of dolphin morbillivirus. <b>1996</b> , 40, 47-55	27
1289	Mitochondrial DNA Lineages in Composite Flocks of Migratory and Wintering Dunlins ( <i>Calidris alpina</i> ). <b>1996</b> , 113, 744-756	42

1288	Patterns of Allozyme, Mitochondrial DNA, and Morphometric Variation in Four Sparrow Genera. <b>1996</b> , 113, 59-67	67
1287	Mitochondrial DNA Sequence Variation among the Subspecies of Sarus Crane ( <i>Grus antigone</i> ). <b>1996</b> , 113, 655-663	25
1286	Nuclear small-subunit ribosomal RNA gene sequences from representative Ceramiaceae (Ceramiales, Rhodophyta). <b>1996</b> , 31, 23-29	27
1285	Geographic clustering of human Y-chromosome haplotypes. <b>1996</b> , 60, 401-8	41
1284	From Asia to Europe: mitochondrial DNA sequence variability in Bulgarians and Turks. <b>1996</b> , 60, 35-49	126
1283	Phylogenetic analysis of mtDNA lineages in South American mummies. <b>1996</b> , 60, 293-303	34
1282	Multiple founder haplotypes of mitochondrial DNA in Amerindians revealed by RFLP and sequencing. <b>1996</b> , 60, 305-19	55
1281	Genetic relationship between the Canary Islanders and their African and Spanish ancestors inferred from mitochondrial DNA sequences. <b>1996</b> , 60, 321-30	87
1280	Molecular cloning and characterization of the putative ultraviolet-sensitive visual pigment of goldfish. <b>1996</b> , 36, 933-9	73
1279	Spectral tuning and molecular evolution of rod visual pigments in the species flock of cottoid fish in Lake Baikal. <b>1996</b> , 36, 1217-24	116
1278	Phylogenetic relationships among short wavelength-sensitive opsins of American chameleon ( <i>Anolis carolinensis</i> ) and other vertebrates. <b>1996</b> , 36, 2797-804	30
1277	Biochemical and molecular characterization of acetylcholinesterase from the hagfish <i>Myxine glutinosa</i> . <b>1996</b> , 115, 97-109	18
1276	Clustered genes within the genome of <i>Arabidopsis thaliana</i> encoding pectin methylesterase-like enzymes. <b>1996</b> , 170, 207-11	31
1275	The first intron of the <i>Arabidopsis thaliana</i> gene coding for elongation factor 1 beta contains an enhancer-like element. <b>1996</b> , 170, 201-6	49
1274	Phylogeny based on elongation factor Tu reflects the phenotypic features of mycoplasmas better than that based on 16S rRNA. <b>1996</b> , 171, 83-7	30
1273	Multiple lobster tubulin isoforms are encoded by a simple gene family. <b>1996</b> , 171, 185-91	10
1272	Two new members of the bio B superfamily: cloning, sequencing and expression of bio B genes of <i>Methylobacillus flagellatum</i> and <i>Corynebacterium glutamicum</i> . <b>1996</b> , 175, 15-22	7
1271	Cloning and characterization of the gene encoding <i>Halobacterium halobium</i> adenylate kinase. <b>1996</b> , 175, 65-70	4

1270	Duplication of an amphioxus myogenic bHLH gene is independent of vertebrate myogenic bHLH gene duplication. <b>1996</b> , 171, 231-6	37
1269	Accelerated evolution of <i>Trimeresurus okinavensis</i> venom gland phospholipase A2 isozyme-encoding genes. <b>1996</b> , 172, 267-72	54
1268	The amino-acid sequence similarity of plant glutamate dehydrogenase to the extremophilic archaeal enzyme conforms to its stress-related function. <b>1996</b> , 168, 87-92	51
1267	Analysis of the human gene encoding latent transforming growth factor-beta-binding protein-2. <b>1996</b> , 28, 531-42	21
1266	Structural diversity of receptors for neuropeptide Y, peptide YY and pancreatic polypeptide. <b>1996</b> , 65, 165-74	201
1265	Genetic variation in open reading frame 2 of field isolates and laboratory strains of equine arteritis virus. <b>1996</b> , 42, 41-52	27
1264	Phylogenetic analysis of the envelope gene of Japanese encephalitis virus. <b>1996</b> , 42, 107-17	29
1263	Genetic variability of classical swine fever virus. <b>1996</b> , 43, 137-47	64
1262	An unusual protein kinase displaying characteristics of both the serine/threonine and tyrosine families is encoded by the <i>Arabidopsis thaliana</i> gene ATN1. <b>1996</b> , 117, 107-119	35
1261	The <i>tuf</i> gene family of soybean: structure and differential transcription. <b>1996</b> , 117, 83-93	11
1260	Evolutionary relationship of hepatitis C, pesti-, flavi-, plantviruses, and newly discovered GB hepatitis agents. <b>1996</b> , 378, 232-4	71
1259	Ancient divergence of long and short isoforms of adenylate kinase: molecular evolution of the nucleoside monophosphate kinase family. <b>1996</b> , 385, 214-20	57
1258	Cloning of a melatonin-related receptor from human pituitary. <b>1996</b> , 386, 219-24	118
1257	Phylogenetic tree-building. <b>1996</b> , 26, 589-617	24
1256	Isolation and characterization of a calmodulin-encoding cDNA from the pathogenic fungus <i>Histoplasma capsulatum</i> . <b>1996</b> , 34, 163-9	8
1255	PREM-2, a copia-type retroelement in maize is expressed preferentially in early microspores. <b>1996</b> , 9, 65-74	41
1254	Molecular analysis of a novel <i>Schizosaccharomyces pombe</i> gene containing two RNP consensus-sequence RNA-binding domains. <b>1996</b> , 29, 307-15	3
1253	Identification at strain level of <i>Rhizoctonia solani</i> AG4 isolates by direct sequence of asymmetric PCR products of the ITS regions. <b>1996</b> , 29, 174-81	81

1252	Transaldolase genes from the cyanobacteria <i>Anabaena variabilis</i> and <i>Synechocystis</i> sp. PCC 6803: comparison with other eubacterial and eukaryotic homologues. <b>1996</b> , 30, 213-8	7
1251	Hepatitis C virus types 7, 8 and 9 should be classified as type 6 subtypes. <b>1996</b> , 24, 622-4	41
1250	Spatial expression of a forkhead homologue in the sea urchin embryo. <b>1996</b> , 60, 163-73	36
1249	Accelerated evolution of crotalinae snake venom gland serine proteases. <b>1996</b> , 397, 83-8	138
1248	HLA-DRB intron 1 sequences: implications for the evolution of HLA-DRB genes and haplotypes. <b>1996</b> , 51, 1-12	49
1247	The HLA-DRB9 gene and the origin of HLA-DR haplotypes. <b>1996</b> , 51, 23-31	19
1246	GB virus C/hepatitis G virus infection among Japanese patients with chronic liver diseases and blood donors. <b>1996</b> , 46, 89-93	58
1245	A new cDNA encoding a xyloglucan endo-transglycosylase-related polypeptide (AtXTR8) preferentially expressed in seedling, root and stem of <i>Arabidopsis thaliana</i> . <b>1996</b> , 121, 187-196	18
1244	A novel gene family defined by human dihydropyrimidinase and three related proteins with differential tissue distribution. <b>1996</b> , 180, 157-63	185
1243	Two alternative promoters drive the expression of the cytoplasmic actin A4 gene of <i>Bombyx mori</i> . <b>1996</b> , 183, 191-9	23
1242	Acetogenic coccoid spore-forming bacteria isolated from the rumen. <b>1996</b> , 147, 753-64	16
1241	Mitochondrial DNA and the phylogeography of Newfoundland black bears. <b>1996</b> , 74, 192-196	62
1240	Temperature responses of tropical to warm-temperate Atlantic seaweeds. I. Absence of ecotypic differentiation in amphi-Atlantic tropical-Canary Islands species. <b>1996</b> , 31, 123-132	20
1239	Application of the matK gene sequences to grass systematics. <b>1996</b> , 74, 125-134	62
1238	Small-subunit rRNA gene sequences from representatives of selected families of the Gigartinales and Rhodymeniales (Rhodophyta). 2. Recognition of the Halymeniales ord.nov.. <b>1996</b> , 74, 694-707	94
1237	Breeding populations of northern pintails have similar mitochondrial DNA. <b>1996</b> , 74, 992-999	29
1236	Population history of Corsica: a linguistic and genetic analysis. <b>1996</b> , 23, 237-51	14
1235	Isozyme diversity among hard pine stem rust fungi in the western United States. <b>1996</b> , 74, 1058-1070	8

1234	Sequence variation in the ribosomal DNA of Pacific ( <i>Clupea pallasii</i> ) and Atlantic herring ( <i>Clupea harengus</i> ). <b>1996</b> , 53, 2418-2423	5
1233	Stock identification of coho salmon ( <i>Oncorhynchus kisutch</i> ) using minisatellite DNA variation. <b>1996</b> , 53, 181-195	28
1232	Evolutionary rate variation within <i>Mus</i> APRT. <b>1996</b> , 39, 909-13	1
1231	Genomic variation and relationships in aerial yam ( <i>Dioscorea bulbifera</i> L.) detected by random amplified polymorphic DNA. <b>1996</b> , 39, 17-25	54
1230	Internal transcribed spacer sequences from 38 recognized species of <i>Suillus</i> sensu lato: Phylogenetic and taxonomic implications. <b>1996</b> , 88, 776-785	138
1229	Fungal Diversity and Phylogeny with Emphasis on 18S Ribosomal DNA Sequence Divergence. <b>1996</b> , 41-51	3
1228	Does behavior reflect phylogeny in swiftlets (Aves: Apodidae)? A test using cytochrome b mitochondrial DNA sequences. <b>1996</b> , 93, 7091-6	66
1227	Unexpected beta2-microglobulin sequence diversity in individual rainbow trout. <b>1996</b> , 93, 2779-84	66
1226	Sequences of beta-lactamase genes encoding CTX-M-1 (MEN-1) and CTX-M-2 and relationship of their amino acid sequences with those of other beta-lactamases. <b>1996</b> , 40, 509-13	176
1225	Mutations in the <i>Corynebacterium glutamicum</i> proline biosynthetic pathway: a natural bypass of the proA step. <b>1996</b> , 178, 4412-9	25
1224	Chromosomal localization of the proteasome Z subunit gene reveals an ancient chromosomal duplication involving the major histocompatibility complex. <b>1996</b> , 93, 9096-101	152
1223	<i>Bartonella</i> ( <i>Rochalimaea</i> ) <i>quintana</i> infections. <b>1996</b> , 9, 273-92	147
1222	A recent fixation of <i>cfiA</i> genes in a monophyletic cluster of <i>Bacteroides fragilis</i> is correlated with the presence of multiple insertion elements. <b>1996</b> , 178, 1914-8	35
1221	Molecular phylogeny of the extinct ground sloth <i>Mylodon darwini</i> . <b>1996</b> , 93, 181-5	128
1220	Chromosomal beta-lactamase genes of <i>Klebsiella oxytoca</i> are divided into two main groups, blaOXY-1 and blaOXY-2. <b>1996</b> , 40, 454-9	64
1219	Comparative characterization of the cephamycinase blaCMY-1 gene and its relationship with other beta-lactamase genes. <b>1996</b> , 40, 1926-30	83
1218	The phylogeny of intestinal porcine spirochetes ( <i>Serpulina</i> species) based on sequence analysis of the 16S rRNA gene. <b>1996</b> , 178, 4189-99	45
1217	Primary structure and phylogeny of the Calvin cycle enzymes transketolase and fructosebisphosphate aldolase of <i>Xanthobacter flavus</i> . <b>1996</b> , 178, 888-93	29



1216	Characterization of beta-lactamase gene blaPER-2, which encodes an extended-spectrum class A beta-lactamase. <b>1996</b> , 40, 616-20	114
1215	Exon shuffling and the origin of the mitochondrial targeting function in plant cytochrome c1 precursor. <b>1996</b> , 93, 7727-31	79
1214	Contribution of mutations in gyrA and parC genes to fluoroquinolone resistance of mutants of <i>Streptococcus pneumoniae</i> obtained in vivo and in vitro. <b>1996</b> , 40, 2505-10	161
1213	Characterization and phylogeny of the pfp gene of <i>Amycolatopsis methanolica</i> encoding PPI-dependent phosphofructokinase. <b>1996</b> , 178, 149-55	36
1212	Evolution of alcohol dehydrogenase genes in the palm and grass families. <b>1996</b> , 93, 11735-9	60
1211	cDNA cloning and tissue-specific expression of a novel basic helix-loop-helix/PAS factor (Arnt2) with close sequence similarity to the aryl hydrocarbon receptor nuclear translocator (Arnt). <b>1996</b> , 16, 1706-13	221
1210	Genetic analysis of <i>Borrelia burgdorferi sensu lato</i> in Korea using genomic hybridization and 16S rRNA gene sequence determination. <b>1996</b> , 40, 599-605	8
1209	Analysis of the phospholipase C gene of <i>Clostridium perfringens</i> KZ1340 isolated from Antarctic soil. <b>1996</b> , 40, 255-63	8
1208	Two new members of the murine Sim gene family are transcriptional repressors and show different expression patterns during mouse embryogenesis. <b>1996</b> , 16, 5865-75	143
1207	The phylogenetic position of East Asian <i>Sedum</i> species (Crassulaceae) based on chloroplast DNA trnL (UAA)–trnF (GAA) intergenic spacer sequence variation. <b>1996</b> , 45, 309-321	18
1206	Island colonization and evolution of the insular woody habit in <i>Echium</i> L. (Boraginaceae). <b>1996</b> , 93, 11740-5	314
1205	Evolutionary relationships of the coelacanth, lungfishes, and tetrapods based on the 28S ribosomal RNA gene. <b>1996</b> , 93, 5449-54	94
1204	Substitution rate calibration of small subunit ribosomal RNA identifies chlorarachniophyte endosymbionts as remnants of green algae. <b>1996</b> , 93, 7732-6	149
1203	Population genetics of cultivated common buckwheat, <i>Fagopyrum esculentum</i> Moench. X. Diffusion routes revealed by RAPD markers. <b>1996</b> , 71, 211-8	30
1202	The secondary structure and phylogenetic relationship deduced from complete nucleotide sequence of mitochondrial small subunit rRNA in yeast <i>Hansenula wingei</i> . <b>1996</b> , 71, 69-74	8
1201	THE POLYTYPIC SPECIES REVISITED: GENETIC DIFFERENTIATION AND MOLECULAR PHYLOGENETICS OF THE TIGER SALAMANDER <i>AMBYSTOMA TIGRINUM</i> (AMPHIBIA: CAUDATA) COMPLEX. <b>1996</b> , 50, 417-433	170
1200	MOLECULAR GENETIC EVIDENCE FOR PARALLEL LIFE-HISTORY EVOLUTION WITHIN A PACIFIC SALMON (SOCKEYE SALMON AND KOKANEE, <i>ONCORHYNCHUS NERKA</i> ). <b>1996</b> , 50, 401-416	74
1199	A new high molecular weight immunoglobulin class from the carcharhine shark: implications for the properties of the primordial immunoglobulin. <b>1996</b> , 93, 3289-93	68

1198	Mitochondrial diversity and the origins of African and European cattle. <b>1996</b> , 93, 5131-5	387
1197	Monophyletic origin and unique dispersal patterns of domestic fowls. <b>1996</b> , 93, 6792-5	193
1196	Substitution rate comparisons between grasses and palms: synonymous rate differences at the nuclear gene Adh parallel rate differences at the plastid gene rbcL. <b>1996</b> , 93, 10274-9	562
1195	Molecular phylogeny analysis of fiddler crabs: test of the hypothesis of increasing behavioral complexity in evolution. <b>1996</b> , 93, 10855-7	133
1194	Presence of a mitochondrial-type 70-kDa heat shock protein in <i>Trichomonas vaginalis</i> suggests a very early mitochondrial endosymbiosis in eukaryotes. <b>1996</b> , 93, 14614-7	174
1193	Phylogenetic analysis of dissimilatory Fe(III)-reducing bacteria. <b>1996</b> , 178, 2402-8	317
1192	Accurate reconstruction of a known HIV-1 transmission history by phylogenetic tree analysis. <b>1996</b> , 93, 10864-9	203
1191	TOPIARY PRUNING AND WEIGHTING REINFORCE AN AFRICAN ORIGIN FOR THE HUMAN MITOCHONDRIAL DNA TREE. <b>1996</b> , 50, 977-989	14
1190	EVIDENCE FOR SYMPATRIC GENETIC DIVERGENCE OF ANADROMOUS AND NONANADROMOUS MORPHS OF SOCKEYE SALMON ( <i>ONCORHYNCHUS NERKA</i> ). <b>1996</b> , 50, 1265-1279	27
1189	EFFECTS OF INTRINSIC AND EXTRINSIC FACTORS ON POPULATION FRAGMENTATION IN THREE SPECIES OF NORTH AMERICAN MINNOWS (TELEOSTEI: CYPRINIDAE). <b>1996</b> , 50, 1280-1292	62
1188	MITOCHONDRIAL DNA VARIATION IN THE FIELD VOLE ( <i>MICROTUS AGRESTIS</i> ): REGIONAL POPULATION STRUCTURE AND COLONIZATION HISTORY. <b>1996</b> , 50, 2073-2085	19
1187	GENETIC POPULATION STRUCTURE AND GRADUAL NORTHWARD DECLINE OF GENETIC VARIABILITY IN THE GREENFINCH ( <i>CARDUELIS CHLORIS</i> ). <b>1996</b> , 50, 2548-2557	30
1186	DO PHYLOGENETIC METHODS PRODUCE TREES WITH BIASED SHAPES?. <b>1996</b> , 50, 1418-1424	48
1185	SEQUENTIAL RADIATIONS AND PATTERNS OF SPECIATION IN THE HAWAIIAN CRICKET GENUS LAUPALA INFERRED FROM DNA SEQUENCES. <b>1996</b> , 50, 237-255	94
1184	Molecular characterization of the human peroxisomal branched-chain acyl-CoA oxidase: cDNA cloning, chromosomal assignment, tissue distribution, and evidence for the absence of the protein in Zellweger syndrome. <b>1996</b> , 93, 13748-53	74
1183	The thermostable direct hemolysin gene (tdh) of <i>Vibrio hollisae</i> is dissimilar in prevalence to and phylogenetically distant from the tdh genes of other vibrios: implications in the horizontal transfer of the tdh gene. <b>1996</b> , 40, 59-65	38
1182	Search for the wild ancestor of buckwheat II. Taxonomy of <i>Fagopyrum</i> (Polygonaceae) species based on morphology, isozymes and cpDNA variability.. <b>1996</b> , 71, 383-390	81
1181	<i>Pinus banksiana</i> has at least seven expressed alcohol dehydrogenase genes in two linked groups. <b>1996</b> , 93, 13020-3	38

1180	Evolutionary analyses of hedgehog and Hoxd-10 genes in fish species closely related to the zebrafish. <b>1996</b> , 93, 13036-41	46
1179	Independent evolution of the prochlorophyte and green plant chlorophyll a/b light-harvesting proteins. <b>1996</b> , 93, 15244-8	204
1178	Mutation rate varies among alleles at a microsatellite locus: phylogenetic evidence. <b>1996</b> , 93, 15285-8	129
1177	Isozyme analysis of intercontinental disjuncts within <i>Styrax</i> (Styracaceae): implications for the Madrean $\mathbb{I}$ ethyan hypothesis. <b>1996</b> , 83, 342-355	39
1176	Genetic diversity and hierarchical population structure of a rare autotetraploid plant, <i>Aster kantoensis</i> (Asteraceae). <b>1996</b> , 83, 296-303	10
1175	a molecular phylogeny of apiaceae subfamily Apioideae: evidence from nuclear ribosomal DNA internal transcribed spacer sequences. <b>1996</b> , 83, 234-251	185
1174	Craniometric analysis in groups from tierra del Fuego/Patagonia and the peopling of the south extreme of the Americas. <b>1996</b> , 11, 217-224	9
1173	Families of adenylate cyclase genes in <i>Trypanosoma brucei</i> . <b>1996</b> , 77, 173-82	45
1172	Phylogenetic relationships between <i>Leishmania</i> , <i>Viannia</i> and <i>Sauroleishmania</i> inferred from comparison of a variable domain within the RNA polymerase II largest subunit gene. <b>1996</b> , 79, 97-102	32
1171	Molecular characterisation of adenosylhomocysteinase from <i>Trichomonas vaginalis</i> . <b>1996</b> , 81, 1-11	13
1170	Phylogenetic implication of iron-containing superoxide dismutase genes from trichomonad species. <b>1996</b> , 80, 209-214	21
1169	Cloning and sequence analysis of a hypothalamic cDNA encoding a D1c dopamine receptor in tilapia. <b>1996</b> , 1308, 17-22	9
1168	Isolating and characterizing deep-sea marine microorganisms. <b>1996</b> , 14, 6-12	63
1167	RAPD analyses in colonial and ancestral populations of <i>Capsella bursa-pastoris</i> (L.) Med. (Brassicaceae). <b>1996</b> , 24, 393-403	19
1166	Genetic characterisation of <i>Emiliana huxleyi</i> (Haptophyta). <b>1996</b> , 9, 13-31	114
1165	Phylogenetic analysis of the perissodactylan family Tapiridae using mitochondrial cytochrome c oxidase (COII) sequences. <b>1996</b> , 3, 315-326	31
1164	The <i>Aspergillus nidulans</i> genes <i>chsA</i> and <i>chsD</i> encode chitin synthases which have redundant functions in conidia formation. <b>1996</b> , 251, 442-50	24
1163	Phylogenetic justification for splitting the <i>Rymovirus</i> genus of the taxonomic family Potyviridae. <b>1996</b> , 141, 2237-42	20

1162	A molecular taxonomy for cricket paralysis virus including two new isolates from Australian populations of <i>Drosophila</i> (Diptera: Drosophilidae). <b>1996</b> , 141, 1509-22	14
1161	Quasispecies and naturally occurring superinfection in feline immunodeficiency virus infection. <b>1996</b> , 141, 1703-13	17
1160	Pathogenicity and phylogenetic evaluation of the variant Newcastle disease viruses termed "pigeon PMV-1 viruses" based on the nucleotide sequence of the fusion protein gene. <b>1996</b> , 141, 635-47	67
1159	Usefulness and limitation of phylogenetic analysis for hepatitis C virus core region: application to isolates from Egyptian and Yemeni patients. <b>1996</b> , 141, 1101-13	23
1158	A strain-type clustering of potato virus Y based on the genetic distance between isolates calculated by RFLP analysis of the amplified coat protein gene. <b>1996</b> , 141, 2425-42	30
1157	Evolutionary characterization of recent human H3N2 influenza A isolates from Japan and China: novel changes in the receptor binding domain. <b>1996</b> , 141, 1349-55	32
1156	Phylogeny of mycolic acid-containing actinomycetes. <b>1996</b> , 17, 205-213	26
1155	Sequence comparisons of the internal transcribed spacer region of ribosomal genes support close relationships between parasitic ants and their respective host species (Hymenoptera: Formicidae). <b>1996</b> , 43, 53-67	21
1154	Evolutionary genetics of the suiformes as reconstructed using mtDNA sequencing. <b>1996</b> , 3, 163-194	50
1153	Higher-level systematics of rodents (Mammalia, Rodentia): Evidence from the mitochondrial 12S rRNA gene. <b>1996</b> , 3, 201-237	57
1152	Cloning, sequencing, and chromosomal localization of two tandemly arranged human pseudogenes for the proliferating cell nuclear antigen (PCNA). <b>1996</b> , 7, 906-8	10
1151	Mammalian evolution and the interphotoreceptor retinoid binding protein (IRBP) gene: convincing evidence for several superordinal clades. <b>1996</b> , 43, 83-92	115
1150	Sequence variations in the large-subunit ribosomal RNA gene of <i>Ammonia</i> (Foraminifera, Protozoa) and their evolutionary implications. <b>1996</b> , 43, 145-51	37
1149	Evolution of the <i>nad3-rps12</i> gene cluster in angiosperm mitochondria: Comparison of edited and unedited sequences. <b>1996</b> , 43, 447-452	7
1148	Large-subunit rRNA sequence of the chytridiomycete <i>Blastocladiella emersonii</i> , and implications for the evolution of zoosporic fungi. <b>1996</b> , 43, 476-83	26
1147	Classification and phylogeny of the MADS-box multigene family suggest defined roles of MADS-box gene subfamilies in the morphological evolution of eukaryotes. <b>1996</b> , 43, 484-516	405
1146	Phylogenetic analysis of Veneridae (Bivalvia): comparison of molecular and palaeontological data. <b>1996</b> , 43, 517-22	40
1145	Evolutionary relationship of HLA-DRB genes inferred from intron sequences. <b>1996</b> , 42, 648-57	43

1144	Polymorphism and concerted evolution in a tandemly repeated gene family: 5S ribosomal DNA in diploid and allopolyploid cottons. <b>1996</b> , 42, 685-705	193
1143	Evolution of structure and substrate specificity in D-alanine:D-alanine ligases and related enzymes. <b>1996</b> , 42, 706-12	68
1142	Common origin of arthropod tyrosinase, arthropod hemocyanin, insect hexamerin, and dipteran arylphorin receptor. <b>1996</b> , 42, 713-28	111
1141	Class III POU genes: generation of homopolymeric amino acid repeats under GC pressure in mammals. <b>1996</b> , 43, 170-8	42
1140	Phylogenetic relationships of annelids, molluscs, and arthropods evidenced from molecules and morphology. <b>1996</b> , 43, 207-15	65
1139	Heterogeneity of the glutathione transferase genes encoding enzymes responsible for insecticide degradation in the housefly. <b>1996</b> , 43, 236-40	42
1138	Evolution of disintegrin cysteine-rich and mammalian matrix-degrading metalloproteinases: gene duplication and divergence of a common ancestor rather than convergent evolution. <b>1996</b> , 43, 263-9	87
1137	Gene structure of a chlorophyll a/c-binding protein from a brown alga: presence of an intron and phylogenetic implications. <b>1996</b> , 43, 270-80	49
1136	Distribution and evolution of introns in <i>Drosophila</i> amylase genes. <b>1996</b> , 43, 334-47	28
1135	The evolution of angiosperm seed proteins: a methionine-rich legumin subfamily present in lower angiosperm clades. <b>1996</b> , 43, 399-404	12
1134	Evolution of the larval cuticle proteins coded by the secondary sex chromosome pair:X2 and neo-Y of <i>Drosophila miranda</i> : II. Comparison at the amino acid sequence level. <b>1996</b> , 43, 413-417	2
1133	18S rRNA suggests that Entoprocta are protostomes, unrelated to Ectoprocta. <b>1996</b> , 42, 552-9	97
1132	Molecular evolution of maize catalases and their relationship to other eukaryotic and prokaryotic catalases. <b>1996</b> , 42, 570-9	38
1131	Protein sequences indicate that turtles branched off from the amniote tree after mammals. <b>1996</b> , 42, 580-6	29
1130	Gene duplication and recombination in the evolution of mammalian Fc receptors. <b>1996</b> , 43, 4-10	19
1129	The "Phoca standard": an external molecular reference for calibrating recent evolutionary divergences. <b>1996</b> , 43, 41-5	31
1128	What can 18S rDNA do for bivalve phylogeny?. <b>1996</b> , 43, 58-70	52
1127	<i>Geosiphon pyriforme</i> , a fungus forming endocytobiosis with <i>Nostoc</i> (cyanobacteria), is an ancestral member of the Glomales: evidence by SSU rRNA analysis. <b>1996</b> , 43, 71-81	154

1126	Geographic population structure and sequence divergence in the mitochondrial DNA control region of the Japanese wild boar ( <i>Sus scrofa leucomystax</i> ), with reference to those of domestic pigs. <b>1996</b> , 34, 179-89	48
1125	Evolutionary relationship between human major histocompatibility complex HLA-DR haplotypes. <b>1996</b> , 43, 304-14	33
1124	Expressed <i>Peromyscus maniculatus</i> (Pema) MHC class I genes: evolutionary implications and the identification of a gene encoding a Qa1-like antigen. <b>1996</b> , 44, 177-185	16
1123	Characterization of class II A and B genes in a gynogenetic carp clone. <b>1996</b> , 44, 192-202	63
1122	Structure and organization of pig MHC class II DRB genes: evidence for genetic exchange between loci. <b>1996</b> , 44, 1-8	24
1121	Trans-species polymorphism of class II Mhc loci in danio fishes. <b>1996</b> , 44, 36-48	65
1120	Identification and characterization of a new major histocompatibility complex class I gene in carp ( <i>Cyprinus carpio</i> L.). <b>1996</b> , 44, 49-61	47
1119	Evolution of MHC class II $\alpha$ -chain-encoding genes in the Lake Tana barbel species flock ( <i>Barbus intermedius</i> complex). <b>1996</b> , 44, 419-431	48
1118	Molecular evolution of the N-formyl peptide and C5a receptors in non-human primates. <b>1996</b> , 44, 446-52	33
1117	Molecular cloning and linkage analysis of the Japanese medaka fish complement Bf/C2 gene. <b>1996</b> , 44, 459-67	57
1116	A dimorphic Alu Sb-like insertion in COL3A1 is ethnic-specific. <b>1996</b> , 42, 117-23	12
1115	Phylogenetic relationships and evolution of the Japanese Carabinae ground beetles based on mitochondrial ND5 gene sequences. <b>1996</b> , 42, 124-9	40
1114	Phylogenetic analyses of complete cytochrome b genes of the order carnivora with particular emphasis on the caniformia. <b>1996</b> , 42, 135-44	103
1113	Patterns of nucleotide change in mitochondrial ribosomal RNA genes and the phylogeny of piranhas. <b>1996</b> , 42, 169-82	135
1112	Evolutionary relationships of eukaryotic kingdoms. <b>1996</b> , 42, 183-93	135
1111	Phylogenetic relationships of nonaxenic filamentous cyanobacterial strains based on 16S rRNA sequence analysis. <b>1996</b> , 42, 194-200	76
1110	The evolution of stramenopiles and alveolates as derived by "substitution rate calibration" of small ribosomal subunit RNA. <b>1996</b> , 42, 201-10	139
1109	Evolution of the src-related protein tyrosine kinases. <b>1996</b> , 42, 247-56	13

1108	Relationships between bacterial drug resistance pumps and other transport proteins. <b>1996</b> , 42, 281-93	3
1107	Phylogenetic analysis using parsimony and likelihood methods. <b>1996</b> , 42, 294-307	206
1106	Allelic diversity at the primate Mhc-G locus: exon 3 bears stop codons in all Cercopithecinae sequences. <b>1996</b> , 43, 327-36	56
1105	Sequence analysis of a polymorphic Mhc class II gene in Pacific salmon. <b>1996</b> , 43, 337-51	86
1104	Fourth component of <i>Xenopus laevis</i> complement: cDNA cloning and linkage analysis of the frog MHC. <b>1996</b> , 43, 360-9	28
1103	A comparison of the nucleotide sequences of the <i>adk</i> and <i>recA</i> genes of pathogenic and commensal <i>Neisseria</i> species: evidence for extensive interspecies recombination within <i>adk</i> . <b>1996</b> , 43, 631-40	70
1102	Phylogenetic relationships within caniform carnivores based on analyses of the mitochondrial 12S rRNA gene. <b>1996</b> , 43, 641-9	80
1101	Pattern and timing of evolutionary divergences among hominoids based on analyses of complete mtDNAs. <b>1996</b> , 43, 650-61	122
1100	Parallel evolution in radiation of <i>Ohomopterus</i> ground beetles inferred from mitochondrial ND5 gene sequences. <b>1996</b> , 43, 662-71	40
1099	Early evolutionary origin of the planktic foraminifera inferred from small subunit rDNA sequence comparisons. <b>1996</b> , 43, 672-7	15
1098	Ant opsins: sequences from the Saharan silver ant and the carpenter ant. <b>1996</b> , 1, 323-9	15
1097	Autosomal location of a new subtype of 1.688 satellite DNA of <i>Drosophila melanogaster</i> . <b>1996</b> , 4, 372-83	20
1096	Liver class-I alcohol dehydrogenase isozyme relationships and constant patterns in a variable basic structure. Distinctions from characterization of an ethanol dehydrogenase in cobra, <i>Naja naja</i> . <b>1996</b> , 236, 571-8	6
1095	Geminiviruses Associated with Diseased Tomatoes in Cuba. <b>1996</b> , 144, 277-279	14
1094	Phylogenetic tree-based epidemiological analysis of hepatitis C virus transmission in a region of Japan with a high prevalence of infection. <b>1996</b> , 11, 641-5	3
1093	RAPD analysis reveals low genetic variability in the endangered light-footed clapper rail. <b>1996</b> , 5, 463-472	20
1092	Phylogeography and population structure of the Atlantic and Mediterranean green turtle <i>Chelonia mydas</i> : a mitochondrial DNA control region sequence assessment. <b>1996</b> , 5, 473-483	105
1091	Indo-Pacific population structure and evolutionary history of the coconut crab <i>Birgus latro</i> . <b>1996</b> , 5, 557-570	110

1090	Molecular genetic examination of the polymorphic Arctic charr <i>Salvelinus alpinus</i> of Thingvallavatn, Iceland. <b>1996</b> , 5, 763-72	44
1089	Population differentiation and evolution in the common guillemot <i>Uria aalge</i> . <b>1996</b> , 5, 793-805	53
1088	Novel alleles HLA-B*7802 and B*51022: evidence for convergency in the HLA-B5 family. <b>1996</b> , 47, 49-57	8
1087	HLA DR and DQ polymorphism in Ashkenazi and non-Ashkenazi Jews: comparison with other Mediterraneans. <b>1996</b> , 47, 63-71	60
1086	Primate DRB6 gene expression and evolution: a study in <i>Macaca mulatta</i> and <i>Cercopithecus aethiops</i> . <b>1996</b> , 47, 222-7	6
1085	Further molecular diversity in the HLA-B15 group. <b>1996</b> , 47, 265-74	36
1084	Molecular analysis of DLA-DRBB1 polymorphism. <b>1996</b> , 48, 554-61	76
1083	HLA gene and haplotype frequencies in Dutch blood donors. <b>1996</b> , 48, 562-74	55
1082	Detection of cardamine chlorotic fleck carmovirus in soil by the polymerase chain reaction. <b>1996</b> , 25, 18	0
1081	A phylogenetic reanalysis of allozyme variation among populations of Galapagos finches. <b>1996</b> , 118, 119-134	13
1080	Evolution and orthology of hedgehog genes. <b>1996</b> , 12, 496-7	59
1079	Evolution of the mitochondrial DNA control region in the <i>Anopheles gambiae</i> complex. <b>1996</b> , 5, 51-9	45
1078	Phylogeny of fourteen <i>Culex</i> mosquito species, including the <i>Culex pipiens</i> complex, inferred from the internal transcribed spacers of ribosomal DNA. <b>1996</b> , 5, 93-107	119
1077	Phylogenetic relationship among termite families based on DNA sequence of mitochondrial 16S ribosomal RNA gene. <b>1996</b> , 5, 229-38	72
1076	Molecular phylogenies of fig pollinating and non-pollinating wasps and the implications for the origin and evolution of the fig-fig wasp mutualism. <b>1996</b> , 23, 531-542	68
1075	Adaptive radiation in the Afrotropical region of the Paleotropical genus <i>Lissocephala</i> (Drosophilidae) on the pantropical genus <i>Ficus</i> (Moraceae). <b>1996</b> , 23, 543-552	22
1074	16S-like rDNA sequences from <i>Delephyella elegans</i> , <i>Labyrinthuloides haliotidis</i> , and <i>Proteromonas lacertae</i> confirm that the stramenopiles are a primarily heterotrophic group. <b>1996</b> , 32, 449-458	86
1073	16S-like rDNA sequence and phylogenetic position of the diplomonad <i>Spironucleus muris</i> (Lavier 1936). <b>1996</b> , 32, 227-233	8



1072	Phylogenetic Analysis and In Situ Identification of Uncultivated Spirochetes from the Hindgut of the Termite <i>Mastotermes darwiniensis</i> . <b>1996</b> , 19, 66-73	34
1071	The Determination and Comparison of the 16S rRNA Gene Sequences of Species of the Genus <i>Pseudomonas</i> (sensu stricto and Estimation of the Natural Intrageneric Relationships. <b>1996</b> , 19, 478-492	230
1070	Polyphasic Characterization of the Genus <i>Leptothrix</i> : New Descriptions of <i>Leptothrix mobilis</i> sp. nov. and <i>Leptothrix discophora</i> sp. nov. nom. rev. and Emended Description of <i>Leptothrix cholodnii</i> emend.. <b>1996</b> , 19, 634-643	44
1069	A Feasible Role of Sulfate-Reducing Bacteria in the Termite Gut. <b>1996</b> , 19, 139-149	88
1068	Molecular genetic analyses of <i>Rhodobacter azotoformans</i> sp. nov. and related species of phototrophic bacteria. <b>1996</b> , 19, 168-177	36
1067	Phylogenetic Diversity within the Genus <i>Nitrosomonas</i> . <b>1996</b> , 19, 344-351	125
1066	Primary Structure of the 16S rRNA Gene of <i>Sulfobacillus thermosuffidooxidans</i> by direct Sequencing of PCR Amplified Gene and its Similarity with that of other Moderately Thermophilic Chemolithotrophic Bacteria. <b>1996</b> , 19, 360-364	12
1065	Biodegradation of Poly (3 -hYdroxYalkanoates in Anaerobic Sludge and Characterization of a Poly (3 -hYdroxYalkanoates Degrading Anaerobic Bacterium. <b>1996</b> , 19, 407-413	22
1064	A mtDNA phylogeny of sea eagles (genus <i>Haliaeetus</i> ) based on nucleotide sequences of the cytochrome b-gene. <b>1996</b> , 24, 783-791	15
1063	A novel "chimeric" antibody class in cartilaginous fish: IgM may not be the primordial immunoglobulin. <b>1996</b> , 26, 1123-9	106
1062	Phylogenetic analysis of hepatitis C virus isolates and their correlation to viremia, liver function tests, and histology. <b>1996</b> , 24, 1003-9	88
1061	Cranial variation in the Iberian Peninsula and the Balearic Islands: inferences about the history of the population. <b>1996</b> , 99, 413-28	13
1060	Molecular phylogeny of the New World monkeys (Platyrrhini, primates) based on two unlinked nuclear genes: IRBP intron 1 and epsilon-globin sequences. <b>1996</b> , 100, 153-79	107
1059	A comparison of TSPY genes from Y-chromosomal DNA of the great apes and humans: sequence, evolution, and phylogeny. <b>1996</b> , 100, 301-9	17
1058	Sequence diversity of the control region of mitochondrial DNA in Tuscany and its implications for the peopling of Europe. <b>1996</b> , 100, 443-60	70
1057	Genetics, geography, and culture: the population of S. Pietro Island (Sardinia, Italy). <b>1996</b> , 100, 461-71	12
1056	Evidence in Gabon for an intrafamilial clustering with mother-to-child and sexual transmission of a new molecular variant of human T-lymphotropic virus type-II subtype B. <b>1996</b> , 48, 22-32	22
1055	Nosocomial transmission of hepatitis C virus in haemodialysis patients. <b>1996</b> , 49, 296-302	42

1054	Sequence of 29 kb around the PDR10 locus on the right arm of <i>Saccharomyces cerevisiae</i> chromosome XV: Similarity to part of chromosome I. <b>1996</b> , 12, 999-1004	10
1053	Helical fold prediction for the cyclin box. <b>1996</b> , 24, 1-17	32
1052	Analysis of topological and nontopological structural similarities in the PDB: new examples with old structures. <b>1996</b> , 25, 354-65	28
1051	Isolation, characterization, and expression of <i>Le-msx</i> , a maternally expressed member of the <i>msx</i> gene family from the glossiphoniid leech, <i>Helobdella</i> . <b>1996</b> , 207, 404-19	13
1050	Ontogeny of odorant receptor gene expression in zebrafish, <i>Danio rerio</i> . <b>1996</b> , 29, 445-58	44
1049	RAPD analysis distinguishes <i>Cannabis sativa</i> samples from different sources. <b>1996</b> , 79, 113-121	52
1048	The asymmetric median tree: A new model for building consensus trees. <b>1996</b> , 71, 311-335	34
1047	A reduction algorithm for approximating a (nonmetric) dissimilarity by a tree distance. <b>1996</b> , 13, 129-155	12
1046	Presence of a hypervariable region within the <i>hr2</i> domain of the host range determining sequences of the envelope protein gp85 (SU) of subgroup-A avian sarcoma-leukosis viruses. <b>1996</b> , 12, 37-46	3
1045	Phylogenetic positions of the aberrant branchiobdellidans and aphanoneurans within the Annelida as derived from 18S ribosomal RNA gene sequences. <b>1996</b> , 324, 229-236	31
1044	Higher-plant chloroplast and cytosolic 3-phosphoglycerate kinases: a case of endosymbiotic gene replacement. <b>1996</b> , 30, 65-75	60
1043	Microsequencing and cDNA cloning of the Calvin cycle/OPPP enzyme ribose-5-phosphate isomerase (EC 5.3.1.6) from spinach chloroplasts. <b>1996</b> , 30, 795-805	13
1042	Molecular characterization of transketolase (EC 2.2.1.1) active in the Calvin cycle of spinach chloroplasts. <b>1996</b> , 32, 475-84	39
1041	Higher-plant chloroplast and cytosolic fructose-1,6-bisphosphatase isoenzymes: origins via duplication rather than prokaryote-eukaryote divergence. <b>1996</b> , 32, 485-91	69
1040	Molecular characterization of a phosphoenolpyruvate carboxylase in the gymnosperm <i>Picea abies</i> (Norway spruce). <b>1996</b> , 32, 923-36	10
1039	Genetic diversity and taxonomic relationships within the genus <i>Lens</i> as revealed by allozyme polymorphism. <b>1996</b> , 91, 163-172	32
1038	Phylogeny and taxonomy of rhizobia. <b>1996</b> , 186, 45-52	69
1037	Corresponding 16S rRNA gene segments in Rhizobiaceae and <i>Aeromonas</i> yield discordant phylogenies. <b>1996</b> , 186, 69-74	41

1036	Regulation, unique gene organization, and unusual primary structure of carbon fixation genes from a marine phycoerythrin-containing cyanobacterium. <b>1996</b> , 32, 1103-15	41
1035	Investigation on the taxonomic status of <i>Steganacarus magnus</i> and <i>Steganacarus anomalus</i> (Acari:Oribatida) using mitochondrial DNA sequences. <b>1996</b> , 20, 607-15	12
1034	Quetzal: a transposon of the Tc1 family in the mosquito <i>Anopheles albimanus</i> . <b>1996</b> , 98, 141-7	24
1033	Interspecific relationship and genetic diversity in wild beets in section <i>Corollinae</i> genus <i>Beta</i> : Isozyme and RAPD analyses. <b>1996</b> , 43, 261-274	10
1032	Taxonomic relationships and interspecific hybridization in the genus <i>Lolium</i> (grasses). <b>1996</b> , 43, 319-327	33
1031	Characterization of a novel <i>Spirillum</i> -like bacterium that degrades ferrioxamine-type siderophores. <b>1996</b> , 9, 78-83	9
1030	Genetic diversity in the orange subfamily <i>Aurantioideae</i> . II. Genetic relationships among genera and species. <b>1996</b> , 93, 1327-34	56
1029	Contrasting patterns of genetic diversity in two tropical pines: <i>Pinus kesiya</i> (Royle ex Gordon) and <i>P. merkusii</i> (Jungh et De Vriese). <b>1996</b> , 92, 436-41	13
1028	Phylogenetic relationship among all living species of the genus <i>Bubalus</i> based on DNA sequences of the cytochrome b gene. <b>1996</b> , 34, 443-52	64
1027	Wheat phylogeny determined by RFLP analysis of nuclear DNA. 3. Intra- and interspecific variations of five <i>Aegilops Sitopsis</i> species. <b>1996</b> , 92, 928-34	68
1026	AFLP analysis of the diversity and phylogeny of <i>Lens</i> and its comparison with RAPD analysis. <b>1996</b> , 93, 751-8	138
1025	Molecular phylogeny of <i>Dipterocarpaceae</i> in Southeast Asia using RFLP of PCR-amplified chloroplast genes. <b>1996</b> , 93, 22-9	59
1024	Comparative analysis of genetic diversity in pea assessed by RFLP- and PCR-based methods. <b>1996</b> , 93, 1103-11	98
1023	Diversity and phylogeny of rhizobia. <b>1996</b> , 133, 87-94	244
1022	Phylogeny and species limits in the Palaearctic chiffchaff <i>Phylloscopus collybita</i> complex: mitochondrial genetic differentiation and bioacoustic evidence*. <b>1996</b> , 138, 650-666	118
1021	GENETIC SUBSTRUCTURE OF THE PACIFIC HARBOR SEAL ( <i>PHOCA VITULINA RICHARDSI</i> ) OFF WASHINGTON, OREGON, AND CALIFORNIA. <b>1996</b> , 12, 402-413	34
1020	Primary structure and phylogenetic relationships of glyceraldehyde-3-phosphate dehydrogenase genes of free-living and parasitic diplomonad flagellates. <b>1996</b> , 43, 330-40	29
1019	The 44-kDa regulatory subunit of the <i>Paramecium</i> cAMP-dependent protein kinase lacks a dimerization domain and may have a unique autophosphorylation site sequence. <b>1996</b> , 43, 347-56	17

1018	Comparison of nucleotide diversity and symbiotic properties of <i>Rhizobium meliloti</i> populations from annual <i>Medicago</i> species. <b>1996</b> , 19, 71-82	31
1017	Intracellular endosymbiotic bacteria of <i>Camponotus</i> species (carpenter ants): systematics, evolution and ultrastructural characterization. <b>1996</b> , 21, 479-89	133
1016	Phylogenetic characterization of a novel salt-tolerant <i>Bacillus</i> species: description of <i>Bacillus dipsosauri</i> sp. nov. <b>1996</b> , 81, 109-12	39
1015	The successful founder: genetics of introduced <i>Carduelis chloris</i> (greenfinch) populations in New Zealand. <b>1996</b> , 77, 410-422	48
1014	Phylogeny of the genus <i>Hegeter</i> (Tenebrionidae, Coleoptera) and its colonization of the Canary Islands deduced from Cytochrome Oxidase I mitochondrial DNA sequences. <b>1996</b> , 76 ( Pt 4), 392-403	91
1013	Evidence for sibling species in <i>Cryptocercus punctulatus</i> , the wood roach, from variation in mitochondrial DNA and karyotype. <b>1996</b> , 76 ( Pt 5), 485-96	29
1012	Mitochondrial DNA differentiation among geographical populations of <i>Pronolagus rupestris</i> , Smith's red rock rabbit (Mammalia: Lagomorpha). <b>1996</b> , 76 ( Pt 5), 514-23	39
1011	Heavy-chain variable regions in carcharhine sharks: development of a comprehensive model for the evolution of VH domains among the gnathanstomes. <b>1996</b> , 74, 357-64	24
1010	Peptide binding function and the paradox of HLA disease associations. <b>1996</b> , 74, 444-8	26
1009	Phylogenetic analysis of hepatitis C virus isolates from hemodialysis patients. <b>1996</b> , 49, 896-902	25
1008	Genetic differentiation and zoogeography of Asian <i>Suncus murinus</i> (Mammalia: Soricidae). <b>1996</b> , 57, 307-316	8
1007	Evolutionary and taxonomic relationships among Far-Eastern salmonid fishes inferred from mitochondrial DNA divergence. <b>1996</b> , 49, 815-829	29
1006	Population Genetic Aspects of Gametophytic Self incompatibility. <b>1996</b> , 11, 13-22	3
1005	Microgeographic Allozyme Variation in Yushan Cane ( <i>Yushania niitakayamensis</i> ; Poaceae). <b>1996</b> , 11, 207-212	2
1004	Phylogenetic relationships among Japanese species of the family Sciuridae (Mammalia, Rodentia), inferred from nucleotide sequences of mitochondrial 12S ribosomal RNA genes. <b>1996</b> , 13, 615-20	24
1003	Database on the structure of large ribosomal subunit RNA. <b>1996</b> , 24, 92-7	28
1002	A novel extensin gene encoding a hydroxyproline-rich glycoprotein requires sucrose for its wound-inducible expression in transgenic plants. <b>1996</b> , 8, 1477-90	51
1001	Deep-sea microbial research and its aspect to high pressure biotechnology. <b>1996</b> , 13, 17-20	1

1000	Molecules, Morphology, and Platyrrhine Systematics. <b>1996</b> , 3-19	41
999	Evolution of multiple families of non-LTR retrotransposons in phlebotomine sandflies. <b>1996</b> , 67, 227-37	7
998	Phylogenetic Relationships between some Members of the Subfamily Lamiioideae (Family Labiatae) Inferred from Nucleotide Sequences of the <i>rbcl</i> Gene*. <b>1996</b> , 109, 139-148	31
997	Human pseudoautosomal boundary-like sequences: expression and involvement in evolutionary formation of the present-day pseudoautosomal boundary of human sex chromosomes. <b>1996</b> , 5, 23-32	26
996	RFX proteins, a novel family of DNA binding proteins conserved in the eukaryotic kingdom. <b>1996</b> , 24, 803-7	168
995	Molecular cloning and functional expression of the K-Cl cotransporter from rabbit, rat, and human. A new member of the cation-chloride cotransporter family. <b>1996</b> , 271, 16237-44	301
994	The telobox, a Myb-related telomeric DNA binding motif found in proteins from yeast, plants and human. <b>1996</b> , 24, 1294-303	189
993	Transmission of hepatitis C virus by a cardiac surgeon. <b>1996</b> , 334, 555-60	279
992	Genetic evidence for the persistence and divergence of native and introduced sockeye salmon ( <i>Oncorhynchus nerka</i> ) within Lake Washington, Washington. <b>1996</b> , 53, 823-832	33
991	Nucleotide sequence of the SrRNA gene and phylogenetic analysis of <i>Trichomonas tenax</i> . <b>1996</b> , 40, 183-8	6
990	The <i>Drosophila montium</i> subgroup species. Phylogenetic relationships based on mitochondrial DNA analysis. <b>1996</b> , 39, 874-83	17
989	Database on the structure of small ribosomal subunit RNA. <b>1996</b> , 24, 86-91	60
988	Widespread use of the glu-tRNA <sup>Gln</sup> transamidation pathway among bacteria. A member of the alpha purple bacteria lacks glutaminyl-trna synthetase. <b>1996</b> , 271, 14856-63	48
987	Evolutionary Relationships of Chaperonins. <b>1996</b> , 27-64	14
986	Evidence from Cytochrome B Sequences and Allozymes for a 'New' Species of Alcids: The Long-Billed Murrelet ( <i>Brachyramphus perdix</i> ). <b>1996</b> , 98, 681-690	40
985	Genetic Differentiation and Taxonomy in the House Wren Species Group. <b>1996</b> , 98, 547-556	21
984	Reconstruction of gene trees from sequence data. <b>1996</b> , 266, 427-49	22
983	Anti-cocaine catalytic antibodies--a novel approach to the problem of addiction. <b>1997</b> , 16, 1-17	12

982	The complex mutation pattern of a microsatellite. <b>1997</b> , 7, 635-41	32
981	First human immunodeficiency virus type 1 sequences in the V3 region, nef and vpr genes from Papua New Guinea. <b>1997</b> , 13, 625-7	5
980	HIV type 1 subtype C in Addis Ababa, Ethiopia. <b>1997</b> , 13, 1071-5	33
979	Phylogenetic analysis of the rumen ciliate family Ophryoscolecidae based on 18S ribosomal RNA sequences, with new sequences from Diplodinium, Eudiplodinium, and Ophryoscolex. <b>1997</b> , 75, 963-970	39
978	Variation in the mitochondrial DNA of the Sylvilagus complex occupying the northeastern United States. <b>1997</b> , 75, 595-605	19
977	Sequence analysis of two HTLV type I infections imported to Germany. <b>1997</b> , 13, 1255-8	10
976	Phylogenetic position and geographic differentiation of the Japanese dormouse, Glirulus japonicus, revealed by variations among rDNA, mtDNA and the Sry gene. <b>1997</b> , 14, 167-73	40
975	Major Histocompatibility Complex Genes in the Study of Fish Phylogeny. <b>1997</b> , 271-283	14
974	An unusual fibrillarin gene and protein: structure and functional implications. <b>1997</b> , 8, 1051-61	19
973	Mitochondrial DNA variability and geographic origin of the sheep blowfly, Lucilia cuprina (Diptera: Calliphoridae), in New Zealand. <b>1997</b> , 87, 265-272	15
972	Alternative splicing of the unique "PLUS" domain of chicken PG-M/versican is developmentally regulated. <b>1997</b> , 272, 9325-31	26
971	Database on the structure of large ribosomal subunit RNA. <b>1997</b> , 25, 117-22	30
970	Nuclear localization signal binding protein from Arabidopsis mediates nuclear import of Agrobacterium VirD2 protein. <b>1997</b> , 94, 10723-8	166
969	Recent enhancements to the Blocks Database servers. <b>1997</b> , 25, 222-5	33
968	A new family of site-specific retrotransposons, SART1, is inserted into telomeric repeats of the silkworm, Bombyx mori. <b>1997</b> , 25, 1578-84	85
967	Relatedness of Pseudallescheria, Scedosporium and Graphium pro parte based on SSU rDNA sequences. <b>1997</b> , 35, 389-398	31
966	Phylogenetic assessment of length variation at a microsatellite locus. <b>1997</b> , 94, 10745-9	155
965	Primary structure and differential gene expression of three membrane forms of guanylyl cyclase found in the eye of the teleost Oryzias latipes. <b>1997</b> , 272, 23407-17	49

964	The performance of neighbor-joining algorithms of phylogeny reconstruction. <b>1997</b> , 101-110	13
963	Partial sequences of large subunit ribosomal DNA of a new yeast species, <i>Trichosporon domesticum</i> and related species. <b>1997</b> , 41, 571-3	23
962	Studies of polymorphic DNA fingerprinting and lipid pattern of <i>Mycobacterium tuberculosis</i> patient isolates in Japan. <b>1997</b> , 41, 107-19	6
961	Characterization of <i>Escherichia coli</i> NrdH. A glutaredoxin-like protein with a thioredoxin-like activity profile. <b>1997</b> , 272, 18044-50	118
960	Database on the structure of small ribosomal subunit RNA. <b>1997</b> , 25, 111-6	137
959	Phylogeographic Patterns in Populations of Cichlid Fishes from Rocky Habitats in Lake Tanganyika. <b>1997</b> , 97-111	18
958	Reconstruction of Cichlid Fish Phylogeny Using Nuclear DNA Markers. <b>1997</b> , 39-51	8
957	Molecular Systematics of a Rapidly Evolving Species Flock: The mbuna of Lake Malawi and the Search for Phylogenetic Signal. <b>1997</b> , 25-cp1	22
956	Base Substitution in Fish Mitochondrial DNA: Patterns and Rates. <b>1997</b> , 13-24	15
955	Multiple Sequence Alignment. <b>1997</b> , 165-183	3
954	GRS: a graphic tool for genome retrieval and segment analysis. <b>1997</b> , 2, 123-39	5
953	What makes Grande1 retrotransposon different?. <b>1997</b> , 15-28	2
952	Cultural Evolution in the Eurasian Tree Sparrow: Divergence between Introduced and Ancestral Populations. <b>1997</b> , 99, 413-423	15
951	Golgi GDP-mannose Uptake Requires <i>Leishmania</i> LPG2. <b>1997</b> , 272, 3799-3805	111
950	Ancient origin of the complement lectin pathway revealed by molecular cloning of mannan binding protein-associated serine protease from a urochordate, the Japanese ascidian, <i>Halocynthia roretzi</i> . <b>1997</b> , 94, 6340-5	139
949	The evolution of plant nuclear genes. <b>1997</b> , 94, 7791-8	131
948	Identification and classification of 16 new kinesin superfamily (KIF) proteins in mouse genome. <b>1997</b> , 94, 9654-9	138
947	A phylogenetic perspective on P transposable element evolution in <i>Drosophila</i> . <b>1997</b> , 94, 11428-33	110

- 946 The atypical codon usage of the plant psbA gene may be the remnant of an ancestral bias. **1997**, 94, 11434-8 21
- 945 Evolutionary instability of the major histocompatibility complex class I loci in New World primates. **1997**, 94, 14536-41 63
- 944 A family of ammonium transporters in *Saccharomyces cerevisiae*. **1997**, 17, 4282-93 441
- 943 Molecular characterization of a protein kinase gene in Chinese cabbage (*Brassica campestris* subsp. *napus* var. *pekinensis*). **1997**, 1, 135-142
- 942 Parsimony is hard to beat!. **1997**, 124-133 9
- 941 A new type of unsupervised growing neural network for biological sequence classification that adopts the topology of a phylogenetic tree. **1997**, 932-941 4
- 940 Unification of the genera *Serpulina* and *Brachyspira*, and proposals of *Brachyspira hyodysenteriae* Comb. Nov., *Brachyspira innocens* Comb. Nov. and *Brachyspira pilosicoli* Comb. Nov. **1997**, 41, 445-52 101
- 939 A matrix representation of phylogenetic trees. **1997**, 274-283
- 938 Father-to-mother-to-infant transmission of HIV-1: clonally transmitted isolate of infant mutates more rapidly than that of the mother and rapidly loses reactivity with neutralizing antibody. **1997**, 41, 131-8 6
- 937 Ancient mtDNA sequences in the human nuclear genome: a potential source of errors in identifying pathogenic mutations. **1997**, 94, 14900-5 182
- 936 A natural classification of the basic helix-loop-helix class of transcription factors. **1997**, 94, 5172-6 480
- 935 Comparative genetics of the *inv-spa* invasion gene complex of *Salmonella enterica*. **1997**, 179, 1985-91 65
- 934 The complete mitochondrial genome of the wallaroo (*Macropus robustus*) and the phylogenetic relationship among Monotremata, Marsupialia, and Eutheria. **1997**, 94, 1276-81 219
- 933 Characterization of mammalian NIMA-related kinases. **1997**, 283, 270-82 35
- 932 RFLP analysis of nuclear DNA for study of phylogeny and domestication of tetraploid wheat.. **1997**, 72, 153-161 23
- 931 Extensive interbreeding occurred among multiple matriarchal ancestors during the domestication of dogs: evidence from inter- and intraspecies polymorphisms in the D-loop region of mitochondrial DNA between dogs and wolves. **1997**, 72, 229-38 81
- 930 Phylogenetic relationship of the genus *Oncorhynchus* species inferred from nuclear and mitochondrial markers. **1997**, 72, 25-34 17
- 929 Phylogenetic relationship among the section *Stenophora* in the genus *Dioscorea* based on the analysis of nucleotide sequence variation in the phosphoglucose isomerase (Pgi) locus.. **1997**, 72, 253-262 8



928	Presence of wheat retrotransposons in Gramineae species and the origin of wheat retrotransposon families. <b>1997</b> , 72, 335-43	13
927	Mitochondrial DNA differentiation in the Japanese brown frog <i>Rana japonica</i> as revealed by restriction endonuclease analysis. <b>1997</b> , 72, 79-90	5
926	Phylogenetic analyses of <i>Staphylococcus</i> based on the 16S rDNA sequence and assignment of clinical isolates from animals. <b>1997</b> , 59, 775-83	21
925	A study of iterative type II polyketide synthases, using bacterial genes cloned from soil DNA: a means to access and use genes from uncultured microorganisms. <b>1997</b> , 179, 7360-8	129
924	Evolutionary mechanisms and population dynamics of the third variable envelope region of HIV within single hosts. <b>1997</b> , 94, 1264-9	77
923	Both apolipoprotein E and A-I genes are present in a nonmammalian vertebrate and are highly expressed during embryonic development. <b>1997</b> , 94, 8622-7	146
922	NORTH AMERICAN BLACK BEAR mtDNA PHYLOGEOGRAPHY: IMPLICATIONS FOR MORPHOLOGY AND THE HAIDA GWAIL GLACIAL REFUGIUM CONTROVERSY. <b>1997</b> , 51, 1647-1653	67
921	A PHYLOGENETIC ANALYSIS OF BODY SIZE EVOLUTION AND BIOGEOGRAPHY IN CHUCKWALLAS ( <i>SAUROMALUS</i> ) AND OTHER IGUANINES. <b>1997</b> , 51, 206-219	53
920	MITOCHONDRIAL DNA PHYLOGENIES FOR THE <i>DROSOPHILA</i> <i>OBSCURA</i> GROUP. <b>1997</b> , 51, 433-440	34
919	POPULATION STRUCTURE OF <i>DIPODOMYS</i> <i>INGENS</i> (HETEROMYIDAE): THE ROLE OF SPATIAL HETEROGENEITY IN MAINTAINING GENETIC DIVERSITY. <b>1997</b> , 51, 1296-1310	26
918	PARALLEL EVOLUTION OF LAKE-STREAM PAIRS OF THREESPINE STICKLEBACKS ( <i>GASTEROSTEUS</i> ) INFERRED FROM MITOCHONDRIAL DNA VARIATION. <b>1997</b> , 51, 1955-1965	18
917	Striking sequence similarity in inter- and intra-specific comparisons of class I SLG alleles from <i>Brassica oleracea</i> and <i>Brassica campestris</i> : implications for the evolution and recognition mechanism. <b>1997</b> , 94, 7673-8	146
916	Typing of urinary JC virus DNA offers a novel means of tracing human migrations. <b>1997</b> , 94, 9191-6	153
915	Phylogeny of Eurasian Soricine Shrews (Insectivora, Mammalia) Inferred from the Mitochondrial Cytochrome b Gene Sequences. <b>1997</b> , 14, 527-532	37
914	Evolution of reproductive strategies and male sexual ornaments in poeciliid fishes as inferred by mitochondrial 16 rRNA gene phylogeny. <b>1997</b> , 9, 55-67	11
913	Molecular marker based taxonomy and phylogeny of Guinea yam ( <i>Dioscorea rotundata</i> - <i>D. cayenensis</i> ). <b>1997</b> , 40, 903-15	34
912	Postglacial recolonization and the biogeography of <i>Palmaria mollis</i> (Rhodophyta) along the Northeast Pacific coast. <b>1997</b> , 75, 1887-1896	24
911	Taxonomy of <i>Kudoa</i> species (Myxosporea), using a small-subunit ribosomal DNA sequence. <b>1997</b> , 75, 2112-2119	69

910	Three novel T-box genes in <i>Caenorhabditis elegans</i> . <b>1997</b> , 40, 458-64	21
909	Comparison of partial 23S rDNA sequences from <i>Rhizobium</i> species. <b>1997</b> , 43, 526-33	8
908	Genetic variation of microsatellite and mitochondrial DNA markers in broad whitefish ( <i>Coregonus nasus</i> ) in the Colville and Sagavanirktok rivers in northern Alaska. <b>1997</b> , 54, 1548-1556	76
907	Alu insertion polymorphisms and human evolution: evidence for a larger population size in Africa. <b>1997</b> , 7, 1061-71	270
906	Phylogenetic and genomic relationships in the genus <i>Glycine</i> Willd. based on sequences from the ITS region of nuclear rDNA. <b>1997</b> , 40, 57-68	83
905	Phylogenetic positions and assignment of swine and ovine corynebacterial isolates based on the 16S rDNA sequence. <b>1997</b> , 41, 649-55	10
904	Allozymic characterization and genetic relationships among four species of Tapetinae (Bivalvia, Veneridae). <b>1997</b> , 64, 117-124	12
903	Phylogenetic studies on nuclear large subunit ribosomal DNA sequences of smut fungi and related taxa. <b>1997</b> , 75, 2045-2056	120
902	Structural and functional properties of low molecular weight endo-1,4-beta-xylanases. <b>1997</b> , 57, 137-49	147
901	Molecules and Morphology in Studies of Fish Evolution. <b>1997</b> , 1-11	44
900	Mechanisms of wavelength tuning in the rod opsins of deep-sea fishes. <b>1997</b> , 264, 155-63	57
899	Mitochondrial DNA polymorphisms in Carib people of Belize. <b>1997</b> , 264, 1217-24	15
898	Resolution of the phylogenetic position of the Congo peafowl, <i>Afropavo congensis</i> : a biogeographic and evolutionary enigma. <b>1997</b> , 264, 1517-23	27
897	Evolution of Emx genes and brain development in vertebrates. <b>1997</b> , 264, 1763-6	18
896	Phylogenesis of pit-plug-associated features in the Rhodophyta: inferences from molecular systematic data. <b>1997</b> , 75, 1436-1447	52
895	Phylogenetic identification of <i>Sparganum proliferum</i> as a pseudophyllidean cestode. <b>1997</b> , 46, 271-279	12
894	Molecular evolution of snake toxins: is the functional diversity of snake toxins associated with a mechanism of accelerated evolution?. <b>1998</b> , 59, 307-64	156
893	Distinct substrate specificities of five human alpha-1,3-fucosyltransferases for in vivo synthesis of the sialyl Lewis x and Lewis x epitopes. <b>1997</b> , 237, 131-7	34

892	Neural tube is partially dorsalized by overexpression of HrPax-37: the ascidian homologue of Pax-3 and Pax-7. <b>1997</b> , 187, 240-52	105
891	Conserved anterior boundaries of Hox gene expression in the central nervous system of the leech <i>Helobdella</i> . <b>1997</b> , 190, 284-300	101
890	Evolution of a fungal regulatory gene family: the Zn(II) <sub>2</sub> Cys <sub>6</sub> binuclear cluster DNA binding motif. <b>1997</b> , 21, 388-405	232
889	Newly identified paralogous groups on mouse chromosomes 5 and 11 reveal the age of a T-box cluster duplication. <b>1997</b> , 40, 262-6	42
888	A novel zinc finger-containing RNA-binding protein conserved from fruitflies to humans. <b>1997</b> , 41, 444-52	25
887	Genomic structure, evolution, and expression of human FLII, a gelsolin and leucine-rich-repeat family member: overlap with LLGL. <b>1997</b> , 42, 46-54	38
886	Structures of the human gene for the protein disulfide isomerase-related polypeptide ERp60 and a processed gene and assignment of these genes to 15q15 and 1q21. <b>1997</b> , 42, 397-404	26
885	Chromosomal localization of the human P2y6 purinoceptor gene and phylogenetic analysis of the P2y purinoceptor family. <b>1997</b> , 44, 127-30	10
884	Human postsynaptic density-95 (PSD95): location of the gene (DLG4) and possible function in nonneural as well as in neural tissues. <b>1997</b> , 44, 71-82	46
883	A new subfamily of vertebrate calpains lacking a calmodulin-like domain: implications for calpain regulation and evolution. <b>1997</b> , 45, 175-84	113
882	Isolation, inoculation to insect host, and molecular phylogeny of an entomogenous fungus <i>Paecilomyces tenuipes</i> . <b>1997</b> , 70, 203-8	44
881	Phenylalanine Hydroxylase Participation in the Synthesis of Serotonin and Pteridines in <i>Drosophila melanogaster</i> . <b>1997</b> , 116, 205-212	5
880	The early emergence of platyhelminths is contradicted by the agreement between 18S rRNA and Hox genes data. <b>1997</b> , 320, 83-94	49
879	Strategy for the detection of <i>Helicobacter</i> species by amplification of 16S rRNA genes and identification of <i>H. felis</i> in a human gastric biopsy. <b>1997</b> , 148, 315-26	87
878	Molecular characterization of a 17-kDa outer-membrane protein from <i>Klebsiella pneumoniae</i> . <b>1997</b> , 148, 133-43	18
877	Genetic polymorphisms of HLA class I and class II system in the Basque population. <b>1997</b> , 29, 3707-9	4
876	Expression of visual and nonvisual opsins in American chameleon. <b>1997</b> , 37, 1867-71	70
875	The primary structure and distribution of killifish visual pigments. <b>1997</b> , 37, 3089-96	67

874	Genetic variation within and among Danish brown trout ( <i>Salmo trutta</i> L.) hatchery strains, assessed by PCR-RFLP analysis of mitochondrial DNA segments. <b>1997</b> , 153, 15-29	20
873	A primitive enzyme for a primitive cell: the protease required for excystation of <i>Giardia</i> . <b>1997</b> , 89, 437-44	133
872	Neandertal DNA sequences and the origin of modern humans. <b>1997</b> , 90, 19-30	962
871	A human endogenous retroviral superantigen as candidate autoimmune gene in type I diabetes. <b>1997</b> , 90, 303-13	334
870	Cloning and crystal structure of hematopoietic prostaglandin D synthase. <b>1997</b> , 90, 1085-95	226
869	Direct physical interaction between the <i>Caenorhabditis elegans</i> 'death proteins' CED-3 and CED-4. <b>1997</b> , 406, 189-90	68
868	A novel and ancient vertebrate opsin. <b>1997</b> , 406, 279-83	111
867	Intermittent divergence of the protein tyrosine kinase family during animal evolution. <b>1997</b> , 412, 540-6	26
866	Arrestins expressed in killifish photoreceptor cells. <b>1997</b> , 411, 12-8	20
865	Isolation of several human axonemal dynein heavy chain genes: genomic structure of the catalytic site, phylogenetic analysis and chromosomal assignment. <b>1997</b> , 412, 325-30	45
864	Prion proteins: evolution and preservation of secondary structure. <b>1997</b> , 412, 429-32	5
863	Characterization of three cDNA species encoding plastid RNA polymerase sigma factors in <i>Arabidopsis thaliana</i> : evidence for the sigma factor heterogeneity in higher plant plastids. <b>1997</b> , 413, 309-13	112
862	The cytochrome oxidase subunit 1 gene ( <i>cox1</i> ) from the dinoflagellate, <i>Cryptothecodinium cohnii</i> . <b>1997</b> , 413, 333-8	17
861	A (His) <sub>6</sub> -tagged recombinant barley ( <i>Hordeum vulgare</i> L.) endosperm ADP-glucose pyrophosphorylase expressed in the baculovirus-insect cell system is insensitive to allosteric regulation by 3-phosphoglycerate and inorganic phosphate. <b>1997</b> , 419, 124-30	20
860	The evolution of ectoparasitism in the genus <i>Lucilia</i> (Diptera:Calliphoridae). <b>1997</b> , 27, 51-9	44
859	Alpha- and beta-subunits of a V-type membrane ATPase in a hyperthermophilic sulfur-dependent archaeum, <i>Thermococcus</i> sp. KI. <b>1997</b> , 1329, 12-7	0
858	Screening structural-functional relationships of neuropharmacologically active organic compounds at the nicotinic acetylcholine receptor. <b>1997</b> , 36, 269-79	4
857	Telomerase catalytic subunit homologs from fission yeast and human. <b>1997</b> , 277, 955-9	1963

856	Autonomy of ascidian fork head/HNF-3 gene expression. <b>1997</b> , 69, 143-54	55
855	Evolution of hepatitis C virus quasispecies in mothers and infants infected through mother-to-infant transmission. <b>1997</b> , 26, 967-74	35
854	Evaluation and comparison of different hepatitis C virus genotyping and serotyping assays. <b>1997</b> , 26, 1001-9	40
853	Prevalence and clinical and histological manifestation of hepatitis G/GBV-C infections in patients with elevated aminotransferases of unknown etiology. <b>1997</b> , 27, 276-83	26
852	Multilocus genotypes, a tree of individuals, and human evolutionary history. <b>1997</b> , 61, 705-18	120
851	Phylogenetic relationships of Australian strongyloid nematodes inferred from ribosomal DNA sequence data. <b>1997</b> , 27, 1481-94	77
850	Incubation time and media requirements of culturable bacteria from different phylogenetic groups. <b>1997</b> , 30, 103-110	57
849	Sequence analysis of the VP6 gene in group A turkey and chicken rotaviruses. <b>1997</b> , 47, 79-83	14
848	Interspecies transmission of influenza C virus between humans and pigs. <b>1997</b> , 48, 71-9	61
847	High prevalence of GB virus C/hepatitis G virus infection among the Jewish population in Uzbekistan. <b>1997</b> , 48, 81-7	12
846	Genotype of GB virus C/hepatitis G virus by molecular evolutionary analysis. <b>1997</b> , 52, 221-30	15
845	Evolution of the glutamine synthetase gene in plants. <b>1997</b> , 128, 51-58	21
844	Molecular characterization and structural analysis of one alcohol dehydrogenase gene (GV-Adh1) expressed during ripening of grapevine ( <i>Vitis vinifera</i> L.) berry. <b>1997</b> , 125, 177-187	33
843	Ancient dna from pleistocene fossils: Preservation, recovery, and utility of ancient genetic information for quaternary research. <b>1997</b> , 16, 1145-1161	12
842	Study of needlestick accidents and hepatitis C virus infection in healthcare workers by molecular evolutionary analysis. <b>1997</b> , 35, 149-54	29
841	HLA gene haplotype frequencies in bone marrow donors worldwide registries. <b>1997</b> , 52, 54-71	80
840	Polymorphism of the HLA-DRB1 locus in Colombian, Ecuadorian, and Chilean Amerinds. <b>1997</b> , 54, 74-81	16
839	Identification of strain-specific nucleotide sequences in E1 and NS4 genes of rubella virus vaccine strains in Japan. <b>1997</b> , 15, 1579-85	6

838	Molecular identification of a dopamine D1b receptor in bovine retinal pigment epithelium. <b>1997</b> , 237, 9-12	31
837	Molecular phylogenetics of a protein repair methyltransferase. <b>1997</b> , 117, 379-85	40
836	MHC class II B genes in the channel catfish ( <i>Ictalurus punctatus</i> ). <b>1997</b> , 21, 13-23	42
835	Production and purification of novel secreted human proteins. <b>1997</b> , 190, 163-71	19
834	Cloning and expression of a cDNA encoding a novel protein serine/threonine kinase predominantly expressed in hematopoietic cells. <b>1997</b> , 195, 295-301	53
833	Nucleotide sequences and gene organization of TaqI endonuclease isoschizomers from <i>Thermus</i> sp. SM32 and <i>Thermus filiformis</i> Tok6A1. <b>1997</b> , 197, 205-14	9
832	Sequence of the non-phosphorylating glyceraldehyde-3-phosphate dehydrogenase from <i>Nicotiana plumbaginifolia</i> and phylogenetic origin of the gene family. <b>1997</b> , 198, 237-43	5
831	Patterns and rates of indel evolution in processed pseudogenes from humans and murids. <b>1997</b> , 205, 191-202	114
830	Conservation of satellite DNA in species of the genus <i>Pimelia</i> (Tenebrionidae, Coleoptera). <b>1997</b> , 205, 183-90	29
829	Primary structure of an invertebrate dihydrolipoamide dehydrogenase with phylogenetic relationship to vertebrate and bacterial disulfide oxidoreductases. <b>1997</b> , 200, 163-72	14
828	Isolation and characterization of the UDP-glucose 4'-epimerase-encoding gene, galE, from <i>Brucella abortus</i> 2308. <b>1997</b> , 202, 53-9	29
827	Evolutionary significance of intra-genome duplications on human chromosomes. <b>1997</b> , 205, 19-27	51
826	Structural analysis of the plasmid pAAT56 of the filamentous fungus <i>Alternaria alternata</i> . <b>1997</b> , 203, 51-7	4
825	The rod and green cone opsins of two avian species, the budgerigar, <i>Melopsittacus undulatus</i> , and the mallard duck, <i>Anas platyrhynchos</i> . <b>1997</b> , 204, 121-6	16
824	A New species of <i>Pleurotus</i> . <b>1997</b> , 89, 173-180	14
823	Did homeodomain proteins duplicate before the origin of angiosperms, fungi, and metazoa?. <b>1997</b> , 94, 13749-53	77
822	Characterization of a gene cluster for glycogen biosynthesis and a heterotetrameric ADP-glucose pyrophosphorylase from <i>Bacillus stearothermophilus</i> . <b>1997</b> , 179, 4689-98	48
821	The presence of a dnaK (HSP70) multigene family in members of the orders Planctomycetales and Verrucomicrobiales. <b>1997</b> , 179, 6360-6	21

820	Evolutionary genetics of the isocitrate dehydrogenase gene ( <i>icd</i> ) in <i>Escherichia coli</i> and <i>Salmonella enterica</i> . <b>1997</b> , 179, 6551-9	53
819	Phylogeny of the Pelecaniformes: Molecular Systematics of a Privative Group. <b>1997</b> , 159-171	19
818	Phylogeny of the genus <i>Lentinula</i> based on ribosomal DNA restriction fragment length polymorphism analysis. <b>1997</b> , 89, 400-407	17
817	Phylogeny and Evolution of 12S rDNA in Gruiformes (Aves). <b>1997</b> , 121-158	34
816	Evolutionary specialization of the nuclear targeting apparatus. <b>1997</b> , 94, 13738-42	106
815	Modeling human evolution--to tree or not to tree?. <b>1997</b> , 7, 947-9	14
814	A novel class C beta-lactamase (FOX-2) in <i>Escherichia coli</i> conferring resistance to cephamycins. <b>1997</b> , 41, 2041-6	53
813	<i>capA</i> , a <i>cspA</i> -like gene that encodes a cold acclimation protein in the psychrotrophic bacterium <i>Arthrobacter globiformis</i> SI55. <b>1997</b> , 179, 5670-6	53
812	Evolution of paired domains: isolation and sequencing of jellyfish and hydra Pax genes related to Pax-5 and Pax-6. <b>1997</b> , 94, 5156-61	67
811	Exon/intron structure of aldehyde dehydrogenase genes supports the "introns-late" theory. <b>1997</b> , 94, 6820-5	69
810	A conserved domain is present in different families of vesicular fusion proteins: a new superfamily. <b>1997</b> , 94, 3046-51	240
809	New tetracycline resistance determinants coding for ribosomal protection in streptococci and nucleotide sequence of tet(T) isolated from <i>Streptococcus pyogenes</i> A498. <b>1997</b> , 41, 112-6	70
808	Cloning of genes involved in carbazole degradation of <i>Pseudomonas</i> sp. strain CA10: nucleotide sequences of genes and characterization of meta-cleavage enzymes and hydrolase. <b>1997</b> , 179, 4841-9	98
807	Molecular evolution of two vertebrate aryl hydrocarbon (dioxin) receptors (AHR1 and AHR2) and the PAS family. <b>1997</b> , 94, 13743-8	239
806	<i>Caenorhabditis elegans</i> levamisole resistance genes <i>lev-1</i> , <i>unc-29</i> , and <i>unc-38</i> encode functional nicotinic acetylcholine receptor subunits. <b>1997</b> , 17, 5843-57	248
805	A single and early migration for the peopling of the Americas supported by mitochondrial DNA sequence data. <b>1997</b> , 94, 1866-71	186
804	The Utility of Mitochondrial DNA Control Region Sequences for Analyzing Phylogenetic Relationships among Populations, Species, and Genera of the Percidae. <b>1997</b> , 129-143	24
803	Radiation of Characiform Fishes: Evidence From Mitochondrial and Nuclear DNA Sequences. <b>1997</b> , 219-243	14

802	Inferring evolutionary trees with strong combinatorial evidence. <b>1997</b> , 111-123	8
801	The Evolution of Blennioid Fishes Based on an Analysis of Mitochondrial 12S rDNA. <b>1997</b> , 245-270	21
800	Sequencing of heat shock protein 70 (DnaK) homologs from <i>Deinococcus proteolyticus</i> and <i>Thermomicrobium roseum</i> and their integration in a protein-based phylogeny of prokaryotes. <b>1997</b> , 179, 345-57	52
799	Protein engineering reveals ancient adaptive replacements in isocitrate dehydrogenase. <b>1997</b> , 94, 3104-9	80
798	Origin and evolution of group I introns in cyanobacterial tRNA genes. <b>1997</b> , 179, 6798-806	62
797	Cw*1701, a new HLA-C allelic lineage with an unusual transmembrane domain. <b>1997</b> , 49, 252-5	9
796	Molecular analysis of HLA-B35 alleles and their relationship to HLA-B15 alleles. <b>1997</b> , 49, 389-96	22
795	Increased diversity within the HLA-A*66 group: implications for matching in unrelated bone marrow transplantation. <b>1997</b> , 50, 77-82	4
794	Major histocompatibility complex class II alleles in Kazak and Han populations in the Silk Route of northwestern China. <b>1997</b> , 50, 527-34	37
793	Cloning and sequencing of part of the S10 operon from <i>Actinobacillus actinomycetemcomitans</i> FDC Y4. <b>1997</b> , 12, 174-7	
792	Isolation of STLV-I from orangutan, a great ape species in Southeast Asia, and its relation to other HTLV-Is/STLV-Is. <b>1997</b> , 88, 1-4	17
791	Prevalence and phylogenetic analysis of HTLV-I isolates in Cameroon, including those of the Baka Pygmy. <b>1997</b> , 88, 619-24	19
790	Phylogenetic relationships of the Culicomorpha inferred from 18S and 5.8S ribosomal DNA sequences. (Diptera:Nematocera). <b>1997</b> , 6, 105-14	67
789	Heterogeneity of the internal transcribed spacer (ITS-2) region within individual deer ticks. <b>1997</b> , 6, 123-9	52
788	Phylogeny of the rumen ciliates <i>Entodinium</i> , <i>Epidinium</i> and <i>Polyplastron</i> (Litostomatea:Entodiniomorpha) inferred from small subunit ribosomal RNA sequences. <b>1997</b> , 44, 61-7	93
787	Killer cell receptors: keeping pace with MHC class I evolution. <b>1997</b> , 155, 155-64	100
786	Genetic differentiation and detection of cryptic species in the genus <i>Lepismachilis</i> (Insecta: Microcoryphia) from the Western Mediterranean region. <b>1997</b> , 62, 533-551	
785	Cloning of Hsp70 genes from the marine sponges <i>Sycon raphanus</i> (Calcarea) and <i>Rhabdocalyptus dawsoni</i> (Hexactinellida). An approach to solve the phylogeny of sponges. <b>1997</b> , 62, 581-592	



784	Intraspecific karyotype variation is not concordant with allozyme variation in the Auckland tree weta of New Zealand, <i>Hemideina thoracica</i> (Orthoptera: Stenopelmatidae). <b>1997</b> , 60, 423-442	4
783	Molecular phylogenetics and historical biogeography of east African chimpanzees. <b>1997</b> , 61, 301-324	24
782	Morphological stasis and phylogenetic relationships in Tadpole shrimps, Triops (Crustacea: Notostraca). <b>1997</b> , 61, 439-457	1
781	Cloning and sequencing of cDNAs of the $\beta$ -globin gene family in carp. <b>1997</b> , 51, 1125-1136	4
780	Phylogenetic investigations on the haplochromine Cichlidae of Lake Kivu (East Africa), based on lepidological characters*. <b>1997</b> , 51, 284-299	1
779	Orthodox and unorthodox phylogenetic relationships among tunas revealed by the nucleotide sequence analysis of the mitochondrial DNA control region. <b>1997</b> , 50, 540-554	48
778	Probabilism and Phylogenetic Inference.. <b>1997</b> , 13, 313-336	80
777	Phylogenetic relationships of bufonid frogs and tests of alternate macroevolutionary hypotheses characterizing their radiation. <b>1997</b> , 119, 297-338	98
776	Direct characterization of Frankia and of close phyletic neighbors from an <i>Alnus viridis</i> rhizosphere. <b>1997</b> , 99, 722-731	32
775	Patterns of gene flow and genetic structure in cave-dwelling crickets of the Tuscan endemic, <i>Dolichopoda schiavazzii</i> (Orthoptera, Rhaphidophoridae). <b>1997</b> , 78, 665-673	17
774	Genetic marker analysis of spatial and temporal relationships among existing populations and new infestations of the Mediterranean fruit fly ( <i>Ceratitis capitata</i> ). <b>1997</b> , 79, 302-309	27
773	The maintenance of species differences across a <i>Heliconius</i> hybrid zone. <b>1997</b> , 79, 495-505	78
772	Molecular phylogenetics and the evolution of antarctic notothenioid fishes. <b>1997</b> , 118, 1009-25	50
771	Genetic variation in populations of the blowflies <i>Lucilia cuprina</i> and <i>Lucilia sericata</i> (Diptera: Calliphoridae). Random amplified polymorphic DNA analysis and mitochondrial DNA sequences. <b>1997</b> , 25, 81-97	38
770	Molecular phylogeny of darkling beetles from the Canary Islands: comparison of inter island colonization patterns in two genera. <b>1997</b> , 25, 121-130	20
769	The evolution of intergenic spacers of the 5S rDNA genes in the <i>Drosophila obscura</i> group: Are these sequences suitable for phylogenetic analyses?. <b>1997</b> , 25, 131-139	5
768	Allozyme variation among east asian populations of the Indian rice frog <i>Rana limnocharis</i> (Amphibia: Anura). <b>1997</b> , 25, 143-159	41
767	Cloning and characterization of the genes involved in the degradation of dibenzofuran by <i>Terrabacter</i> sp. strain DBF63. <b>1997</b> , 84, 387-399	50

766	Gene cloning and sequence analysis of cobalamin (5 <sup>?</sup> -phosphate) synthase from hyperthermophilic archaeon <i>Pyrococcus</i> sp. KOD1. <b>1997</b> , 83, 109-112	3
765	Monophyly of the Trichostome ciliates (Phylum ciliophora: Class litostomatea) tested using new 18S rRNA sequences from the Vestibuliferids, <i>Isotricha intestinalis</i> and <i>Dasytricha ruminantium</i> , and the Haptorian, <i>Didinium nasutum</i> . <b>1997</b> , 33, 305-315	41
764	Planktic foraminiferal molecular evolution and their polyphyletic origins from benthic taxa. <b>1997</b> , 30, 251-266	93
763	Transfer of <i>Conglomeromonas largomobolis</i> subsp. <i>largomobolis</i> to the Genus <i>Azospirillum</i> as <i>Azospirillum largomobile</i> comb. nov., and Elevation of <i>Conglomeromonas largomobolis</i> subsp. <i>parooensis</i> to the New Type Species of <i>Conglomeromonas</i> , <i>Conglomeromonas parooensis</i> sp. nov.. <b>1997</b> , 20, 72-77	47
762	<i>Sulfophobococcus zilligii</i> gen. nov., spec. nov. a Novel Hyperthermophilic Archaeum Isolated from Hot Alkaline Springs of Iceland. <b>1997</b> , 20, 102-110	40
761	Polymerase chain reaction detection and assessment of genetic variation in New South Wales isolates of passionfruit woodiness potyvirus. <b>1997</b> , 26, 155	12
760	Cloning of an annelid fibrillar-collagen gene and phylogenetic analysis of vertebrate and invertebrate collagens. <b>1997</b> , 246, 50-8	29
759	Gene analysis of an NADP-linked isocitrate dehydrogenase localized in peroxisomes of the n-alkane-assimilating yeast <i>Candida tropicalis</i> . <b>1997</b> , 250, 205-11	4
758	Two ways of legumin-precursor processing in conifers. Characterization and evolutionary relationships of <i>Metasequoia</i> cDNAs representing two divergent legumin gene subfamilies. <b>1997</b> , 246, 763-71	6
757	Bov-B long interspersed repeated DNA (LINE) sequences are present in <i>Vipera ammodytes</i> phospholipase A2 genes and in genomes of Viperidae snakes. <b>1997</b> , 246, 772-9	58
756	Characterisation of the ultraviolet-sensitive opsin gene in the honey bee, <i>Apis mellifera</i> . <b>1997</b> , 243, 775-81	15
755	A second isoform of 3-ketoacyl-CoA thiolase found in <i>Caenorhabditis elegans</i> , which is similar to sterol carrier protein x but lacks the sequence of sterol carrier protein 2. <b>1997</b> , 245, 252-9	20
754	Characterization, gene cloning and expression of isocitrate lyase involved in the assimilation of one-carbon compounds in <i>Hyphomicrobium methylovorum</i> GM2. <b>1997</b> , 249, 820-5	5
753	Monophyletic origin of the genus <i>Sauroleishmania</i> . <b>1997</b> , 148, 269-275	3
752	Early evolution of eukaryotes inferred from protein phylogenies of translation elongation factors 1 $\beta$ and 2. <b>1997</b> , 148, 287-295	26
751	Evidence for loss of mitochondria in Microsporidia from a mitochondrial-type HSP70 in <i>Nosema locustae</i> . <b>1997</b> , 87, 159-68	207
750	Evolution of the genus <i>Leishmania</i> revealed by comparison of DNA and RNA polymerase gene sequences. <b>1997</b> , 89, 149-59	136
749	Phylogenetic study of the genus <i>Plasmodium</i> based on the secondary structure-based alignment of the small subunit ribosomal RNA. <b>1997</b> , 90, 317-21	31

748	Phylogenetic analysis of the Monogenea and their relationships with Digenea and Eucestoda inferred from 28S rDNA sequences. <b>1997</b> , 90, 433-8	92
747	Structure of aldolase A (muscle-type) cDNA and its regulated expression in oocytes, embryos and adult tissues of <i>Xenopus laevis</i> . <b>1997</b> , 1354, 189-203	4
746	Evolutionary origin of cryptomonad microalgae: two novel chloroplast/cytosol-specific GAPDH genes as potential markers of ancestral endosymbiont and host cell components. <b>1997</b> , 44 Suppl 1, S28-37	53
745	Genome plasticity as a paradigm of eubacteria evolution. <b>1997</b> , 44 Suppl 1, S57-64	103
744	Molecular phylogeny of human T-cell leukemia virus type I and II of Amerindians in Colombia and Chile. <b>1997</b> , 44 Suppl 1, S76-82	40
743	Molecular cloning of heterotrimeric G-protein alpha-subunits in chicken pineal gland. <b>1997</b> , 44 Suppl 1, S91-7	11
742	Phylogenetic reconstruction of the Felidae using 16S rRNA and NADH-5 mitochondrial genes. <b>1997</b> , 44 Suppl 1, S98-116	143
741	Accuracies of ancestral amino acid sequences inferred by the parsimony, likelihood, and distance methods. <b>1997</b> , 44 Suppl 1, S139-46	190
740	Constrained evolution with respect to gene overlap of hepatitis B virus. <b>1997</b> , 44 Suppl 1, S83-90	134
739	Identification of soil bacteria expressing a symbiotic plasmid from <i>Rhizobium leguminosarum</i> bv. <i>trifolii</i> . <b>1997</b> , 43, 164-77	8
738	Body proportions in Late Pleistocene Europe and modern human origins. <b>1997</b> , 32, 423-48	249
737	Evolutionary dynamics of cucumber mosaic virus satellite RNA during natural epidemics in Italy. <b>1997</b> , 229, 166-74	42
736	Molecular characterization, sequence analysis, and taxonomic position of newly isolated fish iridoviruses. <b>1997</b> , 229, 212-20	238
735	The tax gene sequences form two divergent monophyletic lineages corresponding to types I and II of simian and human T-cell leukemia/lymphotropic viruses. <b>1997</b> , 231, 96-104	17
734	Growth of lion and puma lentiviruses in domestic cat cells and comparisons with FIV. <b>1997</b> , 233, 185-92	36
733	Mutation rate of GB virus C/hepatitis G virus over the entire genome and in subgenomic regions. <b>1997</b> , 233, 43-50	67
732	The molecular epidemiology of human immunodeficiency virus type 1 in six cities in Britain and Ireland. <b>1997</b> , 235, 166-77	33
731	Persistence and evolution of feline coronavirus in a closed cat-breeding colony. <b>1997</b> , 234, 349-63	104

730	Three differentially expressed S-adenosylmethionine synthetases from <i>Catharanthus roseus</i> : molecular and functional characterization. <b>1997</b> , 33, 211-22	81
729	Structure, chromosomal location and expression of a rice gene encoding the microsomal omega-3 fatty acid desaturase. <b>1997</b> , 33, 493-502	42
728	Cloning and characterization of rac-like cDNAs from <i>Arabidopsis thaliana</i> . <b>1997</b> , 35, 483-95	102
727	The third member of the hema gene family encoding glutamyl-tRNA reductase is primarily expressed in roots in <i>Hordeum vulgare</i> . <b>1997</b> , 53, 161-171	21
726	Isolation and characterization of a dnaK genomic locus in a halotolerant cyanobacterium <i>Aphanothece halophytica</i> . <b>1997</b> , 35, 763-75	27
725	Analysis of multiple copies of geminiviral DNA in the genome of four closely related <i>Nicotiana</i> species suggest a unique integration event. <b>1997</b> , 35, 313-21	51
724	Cloning and interspecies comparisons of three newt ( <i>Notophthalmus viridescens</i> ) fibroblast growth factor receptor sequences. <b>1997</b> , 175, 11-9	1
723	Prevalence of hepatitis C virus infection in Nanjing, southern China. <b>1997</b> , 13, 511-5	8
722	Molecular analysis of an outbreak of influenza in the United Kingdom. <b>1997</b> , 13, 369-72	37
721	Organization and diversity of the 3'-noncoding region of classical swine fever virus genome. <b>1997</b> , 15, 181-6	16
720	Natural spillover of a distinctly Canidae-associated biotype of rabies virus into an expanded wildlife host range in southern Africa. <b>1997</b> , 15, 79-82	30
719	What makes Grande1 retrotransposon different?. <b>1997</b> , 100, 15-28	26
718	Structural analysis of <i>Drosophila subobscura</i> gypsy elements (gypsyDs). <b>1997</b> , 100, 39-48	6
717	Evolution of R1 and R2 in the rDNA units of the genus <i>Drosophila</i> . <b>1997</b> , 100, 49-61	21
716	Chloroplast DNA diversity in brinjal eggplant ( <i>Solanum melongena</i> L.) and related species. <b>1997</b> , 97, 295-301	20
715	Human genetics: past, present, and future, with special reference to major trends in Japan. <b>1997</b> , 42, 265-316	13
714	RAPD analyses of hybridization events in Cardamine ( <i>Brassicaceae</i> ). <b>1997</b> , 32, 57-67	19
713	Ancient microorganisms offer new clues to the Iceman's mummification. <b>1997</b> , 12, 197-208	1

712	Statistical analysis of the envelope gene and the prM region of Japanese encephalitis virus: Evidence suggestive of positive selection. <b>1997</b> , 76, 117-131	2
711	Genetic relationships among some new cat populations sampled in Europe: A spatial autocorrelation analysis. <b>1997</b> , 76, 1-24	27
710	Genetic structure of two urban afro-brazilian populations. <b>1997</b> , 12, 5-16	11
709	Phylogenetic relationships of the hyphomycete genera <i>Chaetopsina</i> and <i>Kionochaeta</i> based on 18S rDNA sequences. <b>1997</b> , 38, 409-420	17
708	Identification of a cold-regulated RNA-binding protein from the marine cyanobacterium <i>Synechococcus</i> sp. PCC7002. <b>1997</b> , 110, 405-410	3
707	A cline of allozyme variation in <i>Abies mariesii</i> . <b>1997</b> , 110, 219-226	30
706	Analysis of a plastid gene cluster reveals a close relationship between <i>Cyanidioschyzon</i> and <i>Cyanidium</i> . <b>1997</b> , 110, 235-245	22
705	<i>Roseomonas rosulenta</i> sp. nov., isolated from rice paddy soil. <b>2022</b> , 204,	
704	Evaluation of sugarcane genotypes against yellow leaf disorder under field conditions in subtropical India. 1-24	
703	Camel milk microbiota: A culture-independent assessment. <b>2022</b> , 159, 111629	0
702	Morphological and mtDNA sequence studies searching for the roots of silver crucian carp <i>Carassius gibelio</i> (Cyprinidae) from ponds of Sergievka Park, Saint Petersburg, Russia. <b>2011</b> , 315, 352-364	
701	The Histidine Kinase CckA Is Directly Inhibited by a Response Regulator-like Protein in a Negative Feedback Loop.	
700	Distinguishing Long-Discussed Cryptic Species of the Epibiotic Goose-Neck Barnacle of the Genus <i>Conchoderma</i> (Thoracicalcare: Lepadidae) with Integrative Taxonomy. <b>2022</b> , 14, 593	
699	A novel aldol keto reductase gene is involved in 6?-deoxychalcone biosynthesis in dahlia ( <i>Dahlia variabilis</i> ). <b>2022</b> , 256,	1
698	Description of <i>Abyssalbus ytuae</i> gen. nov., sp. nov., a novel member of the family Flavobacteriaceae isolated from the sediment of the Mariana Trench. <b>2022</b> , 72,	0
697	Colistin Susceptibility in Companion Animal-Derived <i>Escherichia coli</i> , <i>Klebsiella</i> spp., and <i>Enterobacter</i> spp. in Japan: Frequent Isolation of Colistin-Resistant <i>Enterobacter cloacae</i> Complex. 12,	0
696	<i>Arsukibacterium indicum</i> sp. nov., isolated from deep-sea sediment, and transfer of <i>Rheinheimera tuosuensis</i> and <i>Rheinheimera perlucida</i> to the genus <i>Arsukibacterium</i> as <i>Arsukibacterium tuosuense</i> comb. nov. and <i>Arsukibacterium perlucidum</i> comb. nov.. <b>2022</b> , 72,	0
695	<i>Actinomycetospira soli</i> sp. nov., isolated from the rhizosphere soil of <i>Averrhoa carambola</i> L.. <b>2022</b> , 72,	0

- 694 Endophytic and rhizospheric bacteria associated with *Paspalum atratum* and its potential for plant growth promotion with different phosphate sources. 13,
- 693 Thermal Plasticity and Cotton Production Enhancing Attributes of Phosphate-Solubilizing Bacteria from Cotton Rhizosphere.
- 692 Molecular characterization of thioester-containing proteins in *Biomphalaria glabrata* and their differential gene expression upon *Schistosoma mansoni* exposure. 13,
- 691 The 1-aminocyclopropane-1-carboxylic acid deaminase-producing *Streptomyces violaceoruber* UAE1 can provide protection from sudden decline syndrome on date palm. 13, 1
- 690 Cloning, heterologous expression and characterization of o-phthalyl-CoA decarboxylase from phthalate degrading denitrifying bacterium.
- 689 AtZAT4, a C2H2-Type Zinc Finger Transcription Factor from *Arabidopsis thaliana*, Is Involved in Pollen and Seed Development. **2022**, 11, 1974
- 688 Forensic Analysis and Genetic Structure Construction of Chinese Chongming Island Han Based on Y Chromosome STRs and SNPs. **2022**, 13, 1363
- 687 Spillover of a Tobamovirus from the Australian Indigenous Flora to Invasive Weeds. **2022**, 14, 1676
- 686 Primordial Capsid and Spooled ssDNA Genome Structures Unravel Ancestral Events of Eukaryotic Viruses. 0
- 685 Analyse de la structure génétique et patronymique de la France métropolitaine (XIXe-XXe siècles). **2022**, 34,
- 684 Identification and full genome analysis of the first putative virus of sea buckthorn (*Hippophae rhamnoides* L.).
- 683 Isolation and characterization of potential phosphate solubilizing bacteria from earthworm (*Metaphire posthuma*) for applying as biofertilizer.
- 682 *Microvirga terrestris* sp. nov., and *Microvirga arvi* sp. nov., isolated from soil in South Korea. **2022**, 204,
- 681 Antibiotic profiling of wild-type bacilli led to the discovery of new lanthipeptide subtilin-producing *Bacillus spizizenii* strains whose 16S rDNA sequences differ from the *B. spizizenii* typing strain.
- 680 Bioprospección de receptores de insulina a partir de ARN mensajero en *Brevicoryne brassicae* L. (Hemiptera: Aphididae). 1-18
- 679 *Hyphomonas sediminis* sp. nov., isolated from marine sediment. **2022**, 115, 1177-1185 1
- 678 Characterization of the rare microbiome of rice paddy soil from arsenic contaminated hotspot of West Bengal and their interrelation with arsenic and other geochemical parameters. **2022**, 38,
- 677 Valorization of Traditional Italian Walnut (*Juglans regia* L.) Production: Genetic, Nutritional and Sensory Characterization of Locally Grown Varieties in the Trentino Region. **2022**, 11, 1986 2

- 676 Identification and Characterisation of the Salt Tolerant Phosphate-Solubilising Bacterial Isolates for Enhancing Soil Fertility. 101852912211171
- 675 An evolutionally conserved archaeal KEOPS complex functions in DNA repair.
- 674 Identification of a novel quinoline-based UV -protective pigment from a psychrotrophic Arctic bacterium.
- 673 Proton-transporting heliorhodopsins from marine giant viruses. 11, 1
- 672 *Arthrobacter rhizosphaerae* sp. nov., isolated from wheat rhizosphere. **2022**, 204, 1
- 671 Effect of Fermentation Response on Biosynthesis of Endopolygalacturonase from a Potent Strain of *Bacillus* by Utilizing Polymeric Substrates of Agricultural Origin. **2022**, 12, 875
- 670 Phylogeography of *Lanius senator* in its breeding range: conflicts between alpha taxonomy, subspecies distribution and genetics. **2022**, 89, 941-956 1
- 669 Crosstalk between Growth and Osmoregulation of GHRH-SST-GH-IGF Axis in Triploid Rainbow Trout (*Oncorhynchus mykiss*). **2022**, 23, 8691 0
- 668 Organohalide Respiration with Diclofenac by Dehalogenimonas. **2022**, 56, 11266-11276 0
- 667 Hepatitis E Virus Detection in Hunted Wild Boar Liver and Muscle Tissues in Central Italy. **2022**, 10, 1628 0
- 666 *Sphingomonas folii* sp. nov., *Sphingomonas citri* sp. nov. and *Sphingomonas citricola* sp. nov., isolated from citrus phyllosphere. **2022**, 72,
- 665 Emerging fish pathogens *Lactococcus petauri* and *L. garvieae* in Nile tilapia (*Oreochromis niloticus*) farmed in Brazil.
- 664 *Streptomyces plumbidurans* sp. nov., a Pb<sup>2+</sup>-tolerant actinomycete. **2022**, 72,
- 663 *Quadrisphaera setariae* sp. nov., polyphosphate-accumulating bacterium occurring as tetrad or aggregate cocci and isolated from *Setaria viridis*. **2022**, 72,
- 662 Known phyla dominate the RNA virome in Tara Oceans data, not new phyla as claimed.
- 661 *Pseudovibrio flavus* sp. nov. isolated from the sea sponge *Verongula gigantea*. **2022**, 72,
- 660 *Monacha samsunensis* (Pfeiffer, 1868): another Anatolian species introduced to Western Europe, where it is known as *Monacha atacis* Gittenberger & de Winter, 1985 (Gastropoda: Eupulmonata: Hygromiidae). **2022**, 89, 966-990
- 659 Complex Evolutionary History of the South American Fox Genus *Lycalopex* (Mammalia, Carnivora, Canidae) Inferred from Multiple Mitochondrial and Nuclear Markers. **2022**, 14, 642 0

- 658 Multiple T6SSs, mobile auxiliary modules, and effectors revealed in a systematic analysis of the *Vibrio parahaemolyticus* pan-genome.
- 657 *Sediminibacillus dalangtanensis* sp. nov., a moderate halophile isolated from hypersaline sediments of the Qaidam Basin in Northwest China. **2022**, 71,
- 656 Avian paramyxovirus serotype-1 isolation from migratory birds and environmental water in southern Japan: an epidemiological survey during the 2018/19~~20~~21/2022 winter seasons.
- 655 *Flavobacterium litorale* sp. nov., isolated from red alga. **2022**, 72, ○
- 654 Imbalanced immune response and dysregulation of neural functions underline fatal opportunistic encephalitis caused by astrovirus.
- 653 Ecology, genetics and distribution of *Punctoribates zachvatkini*, an oribatid mite so far overlooked in Germany.
- 652 *Leucobacter chinensis* sp. nov., with plant growth-promoting potential isolated from field soil after seven-years continuous maize cropping. **2022**, 72,
- 651 *Metabacillus kandeliae* sp. nov., isolated from the rhizosphere soil of a decayed mangrove plant *Kandelia candel.* **2022**, 72, 1
- 650 SCONCE2: jointly inferring single cell copy number profiles and tumor evolutionary distances. **2022**, 23,
- 649 Structure, Intracellular Localisation and Expression Analysis of Sucrose Nonfermenting-Related Kinase ShSnRK1 $\beta$  in Sugarcane. ○
- 648 First molecular detection of *Neospora caninum* from naturally infected slaughtered camels in Tunisia. ○
- 647 Transcriptomics sheds light on N<sub>2</sub>-fixation strategies employed by a thermophilic member of the Methanococcales.
- 646 In silico and in vitro analysis of arginine deiminase from *Pseudomonas furukawaii* as a potential anticancer enzyme. **2022**, 12,
- 645 Antimicrobial and Cytotoxic Cyathane-Xylosides from Cultures of the Basidiomycete *Dentipellis fragilis*. **2022**, 11, 1072 ○
- 644 *Cohnella herbarum* sp. nov., isolated from wild grass fermentation broth. **2022**, 72,
- 643 Era, a GTPase-like protein of the Ras family, does not control ribosome assembly in *Mycobacterium tuberculosis*. **2022**, 168, ○
- 642 Genetic diversity of rhizobia isolated from nodules of *Trigonella foenum-graecum* L. (fenugreek) cultivated in Northwestern Morocco. **2022**, 204,
- 641 *Actinomadura spongiicola* sp. nov., isolated from the marine sponge *Leucetta chagosensis*. **2022**, 72,



- 640 *Dyadobacter diqingensis* sp. nov., isolated from Baima snow mountain of Diqing Tibetan Autonomous Prefecture in Yunnan province, south-west China. **2022**, 204,
- 639 *Pedomonas mirosovicensis* gen. nov., sp. nov., a bacterium isolated from soil with the aid of *Micrococcus luteus* culture supernatant containing resuscitation-promoting factor. **2022**, 72, 1
- 638 *Arabidopsis* Leucine Rich Repeat-Malectin Receptor Kinases in immunity triggered by cellulose and mixed-linked glucan oligosaccharides.
- 637 Halophilic and Halotolerant Actinomycetes of Sambhar Salt Lake, India: Screening and Optimization of Cellulolytic Activity.
- 636 *Providencia manganoxydans* sp. nov., a Mn(II)-oxidizing bacterium isolated from heavy metal contaminated soils in Hunan Province, China. **2022**, 72,
- 635 *Paracoccus salsus* sp. nov., a novel slightly halophilic bacterium isolated from saline lake sediment. **2022**, 72, 1
- 634 Phenotypic and genotypic analysis of *Edwardsiella* isolates from Taiwan indicates wide variation with a particular reference to *Edwardsiella tarda* and *Edwardsiella anguillarum*. 0
- 633 Structural analysis unravels the functional promiscuity of Quinolone synthase-mediated polyketide biosynthesis in *Aegle marmelos* Correa.
- 632 Genetic diversity of DGAT1 gene linked to milk production in cattle populations of Ethiopia. **2022**, 23,
- 631 Subspecies Classification and Comparative Genomic Analysis of *Lactobacillus kefiranofaciens* HL1 and M1 for Potential Niche-Specific Genes and Pathways. **2022**, 10, 1637 0
- 630 *Paenibacillus alkalitolerans* sp. nov., a bacterium isolated from a salt lake of Turpan City in Xinjiang Province, north-west China.
- 629 Nuclear genetic diversity of head lice sheds light on human dispersal around the world.
- 628 An initial investigation of dental morphology variation among three southern Naga ethnic groups of Northeast India. 0
- 627 *Microcella aerolata* sp. nov., isolated from electronic waste-associated bioaerosols. **2022**, 204,
- 626 *Duganella dendranthematis* sp. nov. and *Massilia forsythiae* sp. nov., isolated from flowers. **2022**, 72,
- 625 *Bacteroides muris* sp. nov. isolated from the cecum of wild-derived house mice. **2022**, 204, 1
- 624 *Suaeda salsa* Root-Associated Microorganisms Could Effectively Improve Maize Growth and Resistance under Salt Stress. 2
- 623 Transfer of *Bacillus tepidophilus* Narsing Rao et al. 2021 to the genus *Peribacillus* as *Peribacillus tepidophilus* comb. nov.. **2022**, 204, 1

- 622 A cross-sectional analysis identifies a low prevalence of *Plasmodium ovale curtisi* infections in symptomatic and asymptomatic individuals in Kilifi county, Kenya.. 7, 207
- 621 *Aquibacillus saliphilus* sp. nov., a moderately halophilic bacterium isolated from a grey saltern. **2022**, 72,
- 620 *Muricauda lutilis* sp. nov., isolated from mudflat. **2022**, 204,
- 619 Complete Reductive Dechlorination of 4-Hydroxy-chlorothalonil by Dehalogenimonas Populations. ○
- 618 *Zhongshania aquimaris* sp. nov., isolated from seawater. **2022**, 204,
- 617 *Agromyces cavernae* sp. nov., a novel member of the genus *Agromyces* isolated from a karstic cave in Shaoguan. **2022**, 72,
- 616 *Alkalibacter rhizosphaerae* sp. nov., a CO-utilizing bacterium isolated from tidal flat sediment, and emended description of the genus *Alkalibacter*. **2022**, 72,
- 615 *Oceanobacillus alkalisoli* sp. nov., an alkaliphilic bacterium isolated from saline-alkaline soil. **2022**, 72,
- 614 Inhibitory potential of metabolites produced by *Cercospora* sp. strain ME202 isolated from *Trifolium incarnatum* against anthracnose caused by *Colletotrichum orbicular*. **2022**, 88, 309-317
- 613 Evidence for a Widespread Third System for Bacterial Polysaccharide Export across the Outer Membrane Comprising a Composite OPX/Barrel Translocon. ○
- 612 Economic losses, morpho-molecular identification, and identity of *Fasciola* species recovered from Egypt. ○
- 611 A New Saharan Strain of *Streptomyces* sp. GSB-11 Produces Maculosin and N-acetyltyramine Active Against Multidrug-Resistant Pathogenic Bacteria. **2022**, 79,
- 610 Genetic and Biochemical Characterization of Halogenation and Drug Transportation Genes Encoded in the *Albofungin* Biosynthetic Gene Cluster. ○
- 609 Characterization of UV-screening pigment scytonemin from cyanobacteria inhabiting diverse habitats of Varanasi, India. 2
- 608 *Clostridium gelidum* sp. nov., a psychrotrophic anaerobic bacterium isolated from rice field soil. **2022**, 72,
- 607 *Parasphingorhabdus cellanae* sp. nov., isolated from the gut of a Korean limpet, *Cellana toreuma*. **2022**, 72,
- 606 *Aestuariicella albida* sp. nov., isolated from surface water of the Yellow Sea, and proposal of the genus *Aestuariicella* as a member of the family *Cellvibrionaceae*. **2022**, 72,
- 605 Plant catalase in silico characterization and phylogenetic analysis with structural modeling. **2022**, 20,

- 604 Resistance screening and in-silico characterization of cloned novel RGA from multi race resistant Lentil germplasm against Fusarium wilt (*Fusarium oxysporum* f. sp. lentis).
- 603 *Halorientalis salina* sp. nov., *Halorientalis marina* sp. nov., *Halorientalis litorea* sp. nov.: three extremely halophilic archaea isolated from a salt lake and coarse sea salt. **2022**, 26, 1
- 602 Isolation of Aquatic Plant Growth-Promoting Bacteria for the Floating Plant Duckweed (*Lemna minor*). **2022**, 10, 1564 1
- 601 *Desulfuromonas* sp. 'CSMB\_57' isolation and genomic insights from the most abundant bacterial taxon in eastern Australian coals. **2022**, 8,
- 600 *Nucisporomicrobium flavum* gen. nov., sp. nov., a new member of the family Micromonosporaceae isolated from saline-alkali soil. **2022**, 72, 1
- 599 *Shewanella oncorhynchi* sp. nov., a novel member of the genus *Shewanella*, isolated from Rainbow Trout (*Oncorhynchus mykiss*). **2022**, 72, 1
- 598 *Sphingosinicella terrae* sp. nov. Isolated from a Desert Soil and Reclassification of *Sphingomonas deserti* as *Sphingosinicella deserti* comb. nov.. **2022**, 79, 0
- 597 Identification and characterization of a recombinant cysteine peptidase (AsCathL) from leaf-cutting ant *Atta sexdens* Linnaeus, 1758 (Hymenoptera, Formicidae). **2023**, 201, 106174 0
- 596 Testing Phylogenetic Stability with Variable Taxon Sampling. **2022**, 167-188 0
- 595 *BcBRC1a* is a negative regulator for tillering in non-heading Chinese cabbage. **2022**, 2, 1-8 0
- 594 Isolation and Characterization of Rhizospheric Bacteria From *Vuralia turcica* Rhizospheric Soil. 0
- 593 Seed Endophytic *Achromobacter* sp. F23KW as a Promising Growth Promoter and Biocontrol of *Rhizoctonia* Root Rot of Fenugreek. **2022**, 27, 5546 1
- 592 Unusual Morphological Changes of *Rugositalea oryzae*, A Novel Wrinkled Bacterium Isolated from The Rice Rhizosphere, Under Nutrient Stress. 0
- 591 Characterization and purification of esterase from *Cellulomonas fimi* DB19 isolated from *Zanthoxylum armatum* with its possible role in diesel biodegradation. **2022**, 204, 0
- 590 Bromate reduction by *Shewanella oneidensis* MR-1 is mediated by dimethylsulfoxide reductase. 13, 0
- 589 BTB/POZ proteins and their gene family in *Oryza rufipogon*: Novel genes and alleles from the progenitor of the domesticated japonica rice (*O. sativa* L.). 0
- 588 Physiological and Molecular Responses of *Vitis vinifera* cv. Tempranillo Affected by Esca Disease. **2022**, 11, 1720 0
- 587 Genome-wide identification of wheat ABC1K gene family and functional dissection of TaABC1K3 and TaABC1K6 involved in drought tolerance. 13, 0

- 586 Ferulic Acid Esterase Producing *Lactobacillus johnsonii* from Goat Feces as Corn Silage Inoculants. **2022**, 10, 1732 1
- 585 First Isolation and Characterization of *Serratia liquefaciens* Associated with Rot Disease of *Malus domestica* (Apple) Fruit and Its Inhibition by *Origanum vulgare* (Oregano) Oil. **2022**, 8, 752 1
- 584 *Candida guilliermondii* as an agent of postpartum subacute mastitis in Rio de Janeiro, Brazil: Case report. 13, 0
- 583 Isolation, characterization, and genome sequencing of a novel chitin deacetylase producing *Bacillus aryabhatai* TCI-16. 13, 0
- 582 Identification and Spread of the Ghost Silverfish (*Ctenolepisma calvum*) among Museums and Homes in Europe. **2022**, 13, 855 0
- 581 *Streptomyces pimonensis* sp. nov., isolated from the Taklimakan desert in Xinjiang, China. **2022**, 204, 0
- 580 Biotransformation of the Fluoroquinolone, Levofloxacin, by the White-Rot Fungus *Coriopsis gallica*. **2022**, 8, 965 0
- 579 Chasing Consistency: An Update of the TCP Gene Family of *Malus Domestica*. **2022**, 13, 1696 1
- 578 Microscopic and biochemical monitoring of endosomal trafficking and extracellular vesicle secretion in an endogenous in vivo model. **2022**, 11, 12263 0
- 577 Structural insights into Frizzled assembly by acylated Wnt and Frizzled Connector domain. 0
- 576 Capsid structure of a metazoan fungal dsRNA megabirnavirus reveals its uniquely acquired structures. 0
- 575 Kribbellichelins A and B, Two New Antibiotics from *Kribbella* sp. CA-293567 with Activity against Several Human Pathogens. **2022**, 27, 6355 0
- 574 *Polymorphobacter megasporae* sp. nov., isolated from an Antarctic lichen. **2022**, 72, 0
- 573 Complete Coding Genome Sequence of an Influenza A/H3N8 Equine Virus Isolated in Kazakhstan in 2007. 0
- 572 Effects of Salinity on Growth and In Vitro Ichthyotoxicity of Three Strains of *Karenia mikimotoi*. **2022**, 10, 1236 0
- 571 Morphology of the Bony Labyrinth Supports the Affinities of *Paradolichopithecus* with the *Papionina*. 0
- 570 *Nocardiopsis akebiae* sp. nov., a novel endophytic actinomycete isolated from fruits of *Akebia trifoliata*. **2022**, 204, 0
- 569 Population Genetic Data of 30 Insertion-Deletion Markers in the Polish Population. **2022**, 13, 1683 0

568	Analysis of Blueberry Plant Rhizosphere Bacterial Diversity and Selection of Plant Growth Promoting Rhizobacteria. <b>2022</b> , 79,	0
567	Diversity and Exploration of Endophytic Bacilli for the Management of Head Scab ( <i>Fusarium graminearum</i> ) of Wheat. <b>2022</b> , 11, 1088	0
566	Genome analysis of a new sulphur disproportionating species <i>Thermosulfurimonas</i> strain F29 and comparative genomics of sulfur-disproportionating bacteria from marine hydrothermal vents. <b>2022</b> , 8,	0
565	<i>Ferruginibacter albus</i> sp. nov., isolated from a mountain soil, and <i>Mucilaginibacter robiniae</i> sp. nov., isolated from a black locust flower, <i>Robinia pseudoacacia</i> . <b>2022</b> , 72,	1
564	<i>Paracoccus everestensis</i> sp. nov., a novel bacterium with great antioxidant capacity isolated from the north slope of Mount Everest. <b>2022</b> , 72,	0
563	Molecular identification of nontuberculous mycobacteria using the <i>rpoB</i> , <i>argH</i> and <i>cya</i> genes analysis. <b>2022</b> , 12,	0
562	<i>Paracandidimonas lactea</i> sp. nov., a urea-utilizing bacterium isolated from landfill. <b>2022</b> , 204,	1
561	Biological, morphological, and molecular characterization of the baculovirus <i>PlxyMNPV_LBIV-11</i> , and its virulence towards <i>Plutella xylostella</i> , <i>Trichoplusia ni</i> , and <i>Spodoptera frugiperda</i> larvae. <b>2022</b> , 204,	0
560	Proposal to transfer <i>Bacillus lacisalsi</i> Dong et al. 2021 to the genus <i>Alteribacter</i> as <i>Alteribacter lacisalsi</i> comb. nov.. <b>2022</b> , 72,	0
559	Molecular characterization and phylogenetic analysis of parasitic copepoda; <i>Ergasilus sieboldi</i> isolated from cultured gilthead sea bream ( <i>Sparus aurata</i> ) in Egypt, associated with analysis of oxidative stress biomarkers.	0
558	Circulating Mutant of Foot and Mouth Disease virus serotype A-African- Genotype IV in Egypt during 2022.	0
557	Multilocus sequence typing of diverse phytoplasmas using hybridization probe-based sequence capture provides high resolution strain differentiation. 13,	0
556	Genetic structure and differentiation from early bronze age in the mediterranean island of sicily: Insights from ancient mitochondrial genomes. 13,	0
555	New members of the family Eggerthellaceae isolated from <i>Marmota himalayana</i> : <i>Xiamenia xianingshaonis</i> gen. nov., sp. nov., from intestinal contents, and <i>Berryella wangjianweii</i> sp. nov., from trachea. <b>2022</b> , 72,	0
554	Mechanism-Based Approach to New Antibiotic Producers Screening among Actinomycetes in the Course of the Citizen Science Project. <b>2022</b> , 11, 1198	0
553	Definition of the symbiovar <i>viciae</i> in the species <i>Rhizobium azibense</i> and biogeographic implications.	0
552	The TGF- $\beta$ Receptor Gene <i>Saxophone</i> Influences Larval-Pupal-Adult Development in <i>Tribolium castaneum</i> . <b>2022</b> , 27, 6017	0
551	First report of abnormal body coloration in <i>Sebastes koreanus</i> (Actinopterygii: Perciformes: Sebastinae). <b>2022</b> , 52, 209-213	0

550	Deciphering the virulent <i>Vibrio harveyi</i> causing spoilage in muscle of aquatic crustacean <i>Litopenaeus vannamei</i> . <b>2022</b> , 12,	0
549	<i>Sphingomonas baiyangensis</i> sp. nov., isolated from water in Baiyang Lake. <b>2022</b> , 72,	0
548	Phylogenetic placement of thermophilic ammonium-tolerant bacteria and their distribution in various composts.	0
547	Screening of universal DNA barcodes for identifying grass species of Gramineae. 13,	0
546	Identification of fruit fly (Tephritidae) pupae parasitized by Hymenoptera parasitoids.	0
545	Molecular Detection and Genetic Characterization of Ehrlichia ruminantium Harbored by Amblyomma hebraeum Ticks of Domestic Ruminants in North West Province, South Africa. <b>2022</b> , 12, 2511	0
544	Classification and Expression Profile of the U-Box E3 Ubiquitin Ligase Enzyme Gene Family in Maize ( <i>Zea mays</i> L.). <b>2022</b> , 11, 2459	0
543	<i>Pseudomonas marianensis</i> sp. nov., a marine bacterium isolated from deep-sea sediments of the Mariana Trench. <b>2022</b> , 204,	2
542	Delving of a Promising Bioemulsifier Producing Bacterium from an Oil Contaminated Coastal Site and its Enhanced Production. <b>2022</b> , 19, 727-735	0
541	Ligand Unbinding Pathway and Mechanism Analysis Assisted by Machine Learning and Graph Methods.	2
540	<i>Dyella sedimenti</i> sp. nov., Isolated from the Sediment of a Winery. <b>2022</b> , 79,	0
539	Photolyase Production and Current Applications: A Review. <b>2022</b> , 27, 5998	3
538	Environmental DNA phylogeography: successful reconstruction of phylogeographic patterns of multiple fish species from a cup of water.	0
537	<i>Moraxella nasovis</i> sp. nov., isolated from a sheep with respiratory disease. <b>2022</b> , 72,	0
536	Diversity and determinants of bitterness, astringency, and fat content in cultivated Nacional and native Amazonian cocoa accessions from Ecuador.	0
535	<i>Flavobacterium soyae</i> sp. nov., isolated from the rhizosphere of soya bean. <b>2022</b> , 72,	1
534	Genome-based reclassification of <i>Anoxybacillus kamchatkensis</i> Kevbrin et al. 2005 as a later heterotypic synonym of <i>Anoxybacillus ayderensis</i> Dulger et al. 2004. <b>2022</b> , 204,	0
533	Molecular Characterization of MHC Class I Alpha 1 and 2 Domains in Asian Seabass ( <i>Lates calcarifer</i> ). <b>2022</b> , 23, 10688	0

532	Characterization of a novel thermophilic beta-glucosidase from <i>Thermotoga</i> sp. and its application in the transformation of notoginsenoside R1. <b>2022</b> , 12,	0
531	Whole-genome sequence analysis for evaluating the safety and probiotic potential of <i>Lactiplantibacillus pentosus</i> 9D3, a gamma-aminobutyric acid (GABA)-producing strain isolated from Thai pickled weed. 13,	0
530	Extraction, Purification, and Biochemical Characterization of an Alkalothermophilic Endoglucanase from Bacterial Flora in Gastrointestinal Tract of <i>Osphranteria coerulescens</i> Larvae.	0
529	BTB/POZ proteins and their gene family in <i>Oryza rufipogon</i> : Novel genes and alleles from the progenitor of the domesticated japonica rice ( <i>O. sativa</i> L.).	0
528	<i>Robiginitalea marina</i> sp. nov., isolated from coastal sediment. <b>2022</b> , 204,	1
527	Cytochrome P450 Genes Expressed in Phasmatodea Midguts. <b>2022</b> , 13, 873	0
526	<i>Streptomyces</i> : Derived Active Extract Inhibits <i>Candida albicans</i> Biofilm Formation. <b>2022</b> , 79,	0
525	<i>Deinococcus taeanensis</i> sp. nov., a Radiation-Resistant Bacterium Isolated from a Coastal Dune. <b>2022</b> , 79,	0
524	Characterization of <i>Bacillus velezensis</i> RDA1 as a Biological Control Agent against White Root Rot Disease Caused by <i>Rosellinia necatrix</i> . <b>2022</b> , 11, 2486	1
523	Impact of liquid microbial inoculants of <i>Azotobacter</i> sp. and <i>Stenotrophomonas maltophilia</i> on soil fertility and productivity-cum-economics of cluster beans. 1-20	0
522	Characterization and Genetic Diversity of <i>Bacillus cereus</i> Strains Isolated from Baby Wipes. <b>2022</b> , 10, 1779	1
521	Carboxypeptidase G and pterin deaminase metabolic pathways degrade folic acid in <i>Variovorax</i> sp. F1. <b>2022</b> , 22,	0
520	Integrated application of macrophytes and zooplankton for wastewater treatment. 10,	0
519	Sodium Accumulation in Infected Cells and Ion Transporters Mistargeting in Nodules of <i>Medicago truncatula</i> : Two Ugly Items That Hinder Coping with Salt Stress Effects. <b>2022</b> , 23, 10618	2
518	Identification, molecular characterization, and in silico structural analysis of larval salivary glands Netrin-A as a potent biomarker from <i>Lucilia sericata</i> (Diptera: Calliphoridae).	0
517	Integrating morphology and DNA barcodes for identification of <i>Delia sanctijacobi</i> Bigot 1885 (Diptera: Anthomyiidae): new host and new records in South America. 80, 511-522	0
516	Genome-wide identification and expression analysis of glutathione S-transferase gene family to reveal their role in cold stress response in cucumber. 13,	0
515	Vitamin B12 biosynthesis of <i>Cetobacterium ceti</i> isolated from the intestinal content of captive common bottlenose dolphins ( <i>Tursiops truncatus</i> ). <b>2022</b> , 168,	0

- 514 Prolactin Expression in the Baboon (*Papio hamadryas*) Eye. **2022**, 12, 2288 ○
- 513 *Acrocarpospora catenulata* sp. nov., a novel actinobacterium isolated from lake sediment. **2022**, 72, ○
- 512 First Report of the Endophytic Bacteria Associated with *Phormidium* sp.. 602-608 ○
- 511 Genome-wide characterization and identification of cyclophilin genes associated with leaf rust resistance in bread wheat (*Triticum aestivum* L.). 13, ○
- 510 Environmental Adaptability and Organic Pollutant Degradation Capacity of a Novel *Rhodococcus* Species Derived from Soil in the Uninhabited Area of the Qinghai-Tibet Plateau. **2022**, 10, 1935 ○
- 509 *Enterobacter cloacae* PNE2 As Promising Plant Growth Promoting Bacterium, Isolated From The Kadi Vegetable Market Waste, Gujarat.. **2022**, 19, 773-786 ○
- 508 Novel SNPs in the 3'UTR Region of GHRb Gene Associated with Growth Traits in Striped Catfish (*Pangasianodon hypophthalmus*), a Valuable Aquaculture Species. **2022**, 7, 230 ○
- 507 *Chryseobacterium oryzae* sp. nov. and *Chryseobacterium suipulveris* sp. nov., isolated from Andong sikhye and pigpen dust, respectively. **2022**, 72, ○
- 506 Molecular detection of *Toxoplasma gondii* in Tunisian free-range chicken meat and their offal. ○
- 505 The Roles of the Two-Component System, MtrAB, in Response to Diverse Cell Envelope Stresses in *Dietzia* sp. DQ12-45-1b. ○
- 504 Description and genomic characterization of *Jiella flava* sp. nov., isolated from *Acrostichum aureum*. **2022**, 72, ○
- 503 *Rhizobium alarense* sp. nov. and *Rhizobium halophilum* sp. nov. isolated from the nodule and rhizosphere of *Lotus japonicus*. **2022**, 204, ○
- 502 *Weissella cibaria* riboflavin-overproducing and dextran-producing strains useful for the development of functional bread. 9, ○
- 501 Negritos in Taiwan and the wider prehistory of Southeast Asia: new discovery from the Xiaoma Caves. 1-22 ○
- 500 Hypovirulence caused by mycovirus in *Colletotrichum fructicola*. 13, ○
- 499 CDIGOS DE BARRA DE ADN PARA IDENTIFICACI3N DE ESPECIES DEL G3NERO *Lonchaea* FALLEN 1820 (DIPTERA: Lonchaeidae) de Antioquia. **2021**, 10, 51-66 ○
- 498 Cytokine Receptor Diversity in the Lamprey Predicts the Minimal Essential Cytokine Networks of Vertebrates. **2022**, 209, 1013-1020 ○
- 497 Evolution and Potential Subfunctionalization of Duplicated *fms*-Related Class III Receptor Tyrosine Kinase *flt3s* and Their Ligands in the Allotetraploid *Xenopus laevis*. **2022**, 209, 960-969 ○



- 496 A novel species of lactic acid bacteria, *Ligilactobacillus pabuli* sp. nov., isolated from alfalfa silage. **2022**, 72, ○
- 495 Nebulization as the mode to administer therapeutic bacteriophages to resolve *Acinetobacter* pneumonia in rabbits. **2022**, 7, 130-137 ○
- 494 *Sulfurimonas marina* sp. nov., an obligately chemolithoautotrophic, sulphur-oxidizing bacterium isolated from a deep-sea sediment sample from the South China Sea. **2022**, 72, ○
- 493 Description of *Halosolutus amylolyticus* gen. nov., sp. nov., *Halosolutus halophilus* sp. nov. and *Halosolutus gelatinilyticus* sp. nov., and genome-based taxonomy of genera *Natribaculum* and *Halovarius*. **2022**, 72, ○
- 492 Characterization of the Human Papillomavirus 16 Oncogenes in K14HPV16 Mice: Sublineage A1 Drives Multi-Organ Carcinogenesis. **2022**, 23, 12371 ○
- 491 *Mycolicibacterium aurantiacum* sp. nov. and *Mycolicibacterium xanthum* sp. nov., two novel actinobacteria isolated from mangrove sediments. **2022**, 72, ○
- 490 Systematic Analysis of the Functional Overlap among Plant YTHDF proteins. ○
- 489 Identification of fruit fly (Tephritidae) pupae parasitized by Hymenoptera parasitoids. ○
- 488 *Halorussus vallis* sp. nov., *Halorussus aquaticus* sp. nov., *Halorussus gelatinilyticus* sp. nov., *Halorussus limi* sp. nov., *Halorussus salilacus* sp. nov., *Halorussus salinisoli* sp. nov.: six extremely halophilic archaea isolated from solar saltern, salt lake and saline soil. **2022**, 26, 1
- 487 Geographical Patterns of Genetic Variation in Locoto Chile (*Capsicum pubescens*) in the Americas Inferred by Genome-Wide Data Analysis. **2022**, 11, 2911 ○
- 486 *Deinococcus betulae* sp. nov. and *Deinococcus arboris* sp. nov., novel bacteria isolated from bark of birch tree (*Betula platyphylla*). **2022**, 72, ○
- 485 Genome-Wide Characterization and Identification of the YABBY Gene Family in Mango (*Mangifera indica*). **2022**, 14, 861 ○
- 484 Exopolysaccharide produced by *Lactiplantibacillus plantarum* RO30 isolated from Romi cheese: characterization, antioxidant and burn healing activity. **2022**, 38, ○
- 483 A Dual Adjuvant System for Intranasal Boosting of Local and Systemic Immunity for Influenza Vaccination. **2022**, 10, 1694 ○
- 482 Multiple T6SSs, Mobile Auxiliary Modules, and Effectors Revealed in a Systematic Analysis of the *Vibrio parahaemolyticus* Pan-Genome. ○
- 481 Genetic diversity in the transmission-blocking vaccine candidate *Plasmodium vivax* gametocyte protein Pvs230 from the China-Myanmar border area and central Myanmar. **2022**, 15, ○
- 480 *Sphingomicrobium nitratireducens* sp. nov., isolated from a tidal flat in Guangxi. **2022**, 204, ○
- 479 Identification of Exoenzymes Secreted by Entomopathogenic Fungus *Beauveria pseudobassiana* RGM 2184 and Their Effect on the Degradation of Cocoons and Pupae of Quarantine Pest *Lobesia botrana*. **2022**, 8, 1083 ○

- 478 Phylogenetic and genomic analyses of two new species of *Clavispora* (Metschnikowiaceae, Saccharomycetales) from Central China. 13, ○
- 477 The insertion/deletion in the DNA-binding region allows the discrimination and subsequent identification of the glucocorticoid receptor 1 (gr1) and gr2 nucleotide sequences in gilthead sea bream (*Sparus aurata*): Standardizing the gr nomenclature for a better understanding of the stress response in teleost fish species. 9, ○
- 476 *Niabella agricola* sp. nov., isolated from paddy soil. **2022**, 72, ○
- 475 Comparative genomic analysis of *Lacticaseibacillus paracasei* SMN-LBK from koumiss. 13, ○
- 474 *Aestuiriirhabdus haliotis* sp. nov., isolated from abalone viscera and emended description of the genus *Aestuiriirhabdus*. **2022**, 72, ○
- 473 *Arthrobacter polaris* sp. nov., a new cold-adapted member of the family Micrococcaceae isolated from Antarctic fellfield soil. **2022**, 72, ○
- 472 *Paenibacillus vietnamensis* sp. nov., isolated from the rhizosphere soil of *Arachis hypogaea*. **2022**, 72, ○
- 471 Cloning and characterization of thermophilic endoglucanase and its application in the transformation of ginsenosides. **2022**, 12, 1
- 470 *Kingella pumchi* sp. nov., an organism isolated from human vertebral puncture tissue. ○
- 469 B cell lymphoma 6A regulates immune development and function in zebrafish. 12, ○
- 468 *Methanobacterium alkalithermotolerans* sp. nov., a novel alkaliphilic and hydrogen-utilizing methanogen isolated from an alkaline geothermal spring (La Crouen, New Caledonia). **2022**, 72, ○
- 467 *Lysobacter selenitireducens* sp. nov., isolated from river sediment. **2022**, 72, ○
- 466 Genome Sequence of the Diploid Yeast *Debaryomyces hansenii* TMW 3.1188. ○
- 465 Identification and genomic characterization of major effect bacterial blight resistance locus (BB-13) in Upland cotton (*Gossypium hirsutum* L.). 1
- 464 Genomic Insights into the Radiation-Resistant Capability of *Sphingomonas qomolangmaensis* S5-59T and *Sphingomonas glaciei* S8-45T, Two Novel Bacteria from the North Slope of Mount Everest. **2022**, 10, 2037 ○
- 463 *Gilvimarinus xylanilyticus* sp. nov., a novel 1,3-xylanase-secreting bacterium isolated from a marine green alga. 13, 1
- 462 *Mucilaginicoccus rivuli* sp. nov., isolated from a water rivulet. **2022**, 72, ○
- 461 Isolation and genetic analysis of Porcine circovirus 2 in southern India evidences high circulation of Porcine circovirus 2d genotype. 1

- 460 Aquimarina acroporae sp. nov., isolated from seawater surrounding scleractinian coral *Acropora digitifera*. **2022**, 72, ○
- 459 *Saccharothrix luteola* sp. nov., a novel cellulose-degrading actinobacterium isolated from soil and emended description of the genus *Saccharothrix*. **2022**, 72, ○
- 458 *Limibaculum sediminis* sp. nov., isolated from mangrove sediment. **2022**, 72, ○
- 457 *Hephaestia mangrovi* sp. nov., a novel endophytic bacterium isolated from *Aegiceras corniculatum*. **2022**, 72, ○
- 456 *Nocardioides ochotonae* sp. nov., *Nocardioides campestrisoli* sp. nov. and *Nocardioides pantholopis* sp. nov., isolated from the Qinghai-Tibet Plateau. **2022**, 72, ○
- 455 *Parachryseolinea silvisoli* gen. nov., sp. nov., isolated from forest soil, and reclassification of *Chryseolinea flava* as *Pseudochryseolinea flava* gen. nov., comb. nov.. **2022**, 72, ○
- 454 *Metallosphaera javensis* sp. nov., a novel species of thermoacidophilic archaea, isolated from a volcanic area. **2022**, 72, ○
- 453 Genomic Data Mining Reveals Abundant Uncharacterized Transporters in *Coccidioides immitis* and *Coccidioides posadasii*. **2022**, 8, 1064 ○
- 452 *Dongia deserti* sp. nov., Isolated from the Gurbantunggut Desert Soil. **2022**, 79, ○
- 451 Genetic Characterization of African Swine Fever Virus in Various Outbreaks in Central and Southern Vietnam During 2019-2021. **2022**, 79, ○
- 450 *Salinimicrobium sediminilitoris* sp. nov., Isolated from a Tidal Flat. **2022**, 79, ○
- 449 Chromosomes as Barcodes: Discovery of a New Species of Black Fly (Diptera: Simuliidae) from California, USA. **2022**, 13, 903 ○
- 448 Expectation-Maximization enables Phylogenetic Dating under a Categorical Rate Model. ○
- 447 *Gordonia zhenghanii* sp. nov. and *Gordonia liuliyuniae* sp. nov., isolated from bat faeces. **2022**, 72, ○
- 446 Andaman local goat: mitochondrial genome characterization and lineage analysis. ○
- 445 Two novel mollusk short-form ApeC-containing proteins act as pattern recognition proteins for peptidoglycan. 13, ○
- 444 *Fructobacillus cardui* sp. nov., isolated from a thistle (*Carduus nutans*) flower. **2022**, 72, ○
- 443 RsTTG1, a WD40 Protein, Interacts with the bHLH Transcription Factor RsTT8 to Regulate Anthocyanin and Proanthocyanidin Biosynthesis in *Raphanus sativus*. **2022**, 23, 11973 ○

- 442 *Tabrizicola rongguiensis* sp. nov., isolated from the sediment of a river in Ronggui, Foshan city, China. **2022**, 72, ○
- 441 *Sphingomonas cannabina* sp. nov., isolated from *Cannabis sativa* L. **2022**, 72, ○
- 440 Potential autotrophic carbon-fixer and Fe(II)-oxidizer *Alcanivorax* sp. MM125-6 isolated from Wocan hydrothermal field. 13, ○
- 439 *Zavarzinia marina* sp. nov., a novel hydrocarbon-degrading bacterium isolated from deep chlorophyll maximum layer seawater of the West Pacific Ocean and emended description of the genus *Zavarzinia*. **2022**, 72, ○
- 438 *Haladaptatus halobius* sp. nov. and *Haladaptatus salinisoli* sp. nov., two extremely halophilic archaea isolated from Gobi saline soil. **2022**, 72, ○
- 437 The Arabidopsis ATP-Binding Cassette E protein ABCE2 is a conserved component of the translation machinery. 13, ○
- 436 The Threat of Potentially Pathogenic Bacteria in the Feces of Bats. ○
- 435 New insights for the regulatory feedback loop between type 1 crustacean female sex hormone (CFSH-1) and insulin-like androgenic gland hormone (IAG) in the Chinese mitten crab (*Eriocheir sinensis*). 13, 1
- 434 Compost-derived thermophilic microorganisms producing glycoside hydrolase activities as new potential biocatalysts for sustainable processes. ○
- 433 Whole-genome sequencing and genome-scale metabolic modeling of *Chromohalobacter canadensis* 85B to explore its salt tolerance and biotechnological use. **2022**, 11, ○
- 432 OsDPE2 Regulates Rice Panicle Morphogenesis by Modulating the Content of Starch. ○
- 431 *Sphaerisporangium fuscum* sp. nov., Isolated from Sediment of Anmucuo Lake in Tibet Autonomous Region of China. **2022**, 79, ○
- 430 *Luteolibacter marinus* sp. nov., a novel bacterium in the family Verrucomicrobiaceae, isolated from marine sediment. **2022**, 72, ○
- 429 Novel multicellular prokaryote discovered next to an underground stream. 11, 1
- 428 *Cellulomonas dongxiuzhuiae* sp. nov., *Cellulomonas wangleii* sp. nov. and *Cellulomonas fengjieae* sp. nov., isolated from the intestinal contents of *Marmota himalayana*. **2022**, 72, ○
- 427 Reovirus occurrence in mud crab farming systems and wild-caught brooders located in eastern coastal area of India. ○
- 426 Evaluation of genome size and phylogenetic relationships of the *Saccharum* complex species. **2022**, 12, ○
- 425 Diversity in genetic and downy mildew resistance among wild and mutagenized hops as revealed by single nucleotide polymorphisms and disease rating. ○

424	Genetic characterization and epidemiological analysis of the first lumpy skin disease virus outbreak in Mongolia, 2021.	1
423	Genetic Diversity and Population Structure of an Arctic Tertiary Relict Tree Endemic to China ( <i>Sassafras tzumu</i> ) Revealed by Novel Nuclear Microsatellite (nSSR) Markers. <b>2022</b> , 11, 2706	0
422	Suramin action in African trypanosomes involves a RuvB-like DNA helicase.	0
421	<i>Pseudalkalibacillus salsuginis</i> sp. nov., a novel salt-tolerant bacterium isolated from a saline lake sediment. <b>2022</b> , 72,	0
420	<i>Roseovarius carneus</i> sp. nov., a novel bacterium isolated from a coastal phytoplankton bloom in Xiamen. <b>2022</b> , 72,	0
419	<i>Psychroflexus curvus</i> sp. nov., <i>Psychroflexus longus</i> sp. nov. and <i>Psychroflexus montanilacus</i> sp. nov., isolated from salt lakes on the Tibetan Plateau. <b>2022</b> , 72,	0
418	Comparative Phylogenetic Analysis and Transcriptomic Profiling of Dengue (DENV-3 genotype I) Outbreak in 2021 in Bangladesh.	0
417	<i>Gemicoccus flavidas</i> sp. nov. and <i>Gemicoccus harenae</i> sp. nov., two IAA-producing novel rare bacterial species inhabiting desert biological soil crusts. 13,	0
416	Nanopore Sequencing Using the Full-Length 16S rRNA Gene for Detection of Blood-Borne Bacteria in Dogs Reveals a Novel Species of Hemotropic <i>Mycoplasma</i> .	0
415	Traces of introgression from <i>cAus</i> into tropical Japonica observed in African upland rice varieties.	0
414	<i>Pseudomonas oryzagri</i> sp. nov., isolated from a rice field soil. <b>2022</b> , 72,	0
413	<i>Paenibacillus sabuli</i> sp. nov., isolated from the South China Sea. <b>2022</b> , 72,	0
412	<i>Micromonospora antibiotica</i> sp. nov. and <i>Micromonospora humidisoli</i> sp. nov., two new actinobacterial species exhibiting antimicrobial potential. <b>2022</b> , 72,	2
411	<i>Mucilagibacter phenanthrenivorans</i> sp. nov., a Novel Phenanthrene Degradation Bacterium Isolated from Wetland Soil. <b>2022</b> , 79,	0
410	Exploration of the genomic atlas of Dof transcription factor family across genus <i>Oryza</i> provides novel insights on rice breeding in changing climate. 13,	0
409	<i>Lysobacter sedimenti</i> sp. nov., Isolated from the Sediment, and Reclassification of <i>Luteimonas lumbrici</i> as <i>Lysobacter lumbrici</i> comb. nov. <b>2022</b> , 79,	0
408	A representative Performance Assessment of Maximum Likelihood based Phylogenetic Inference Tools.	0
407	Occurrence of bovine coronavirus and other major respiratory viruses in cattle in Poland. <b>2022</b> ,	0

- 406 Purple acid phosphatases in coffee genome-wide identification and the transcriptional profile of selected members in roots upon Pi starvation. **2022**, 12, ○
- 405 Lactic acid bacteria isolated from Chinese traditional fermented milk as novel probiotic strains and their potential therapeutic applications. **2022**, 12, ○
- 404 Genetic Diversity and Anti-Oxidative Potential of *Streptomyces* spp. Isolated from Unexplored Niches of Meghalaya, India. **2022**, 79, ○
- 403 New species of red-backed vole (Mammalia: Rodentia: Cricetidae) in fauna of Russia: molecular and morphological evidences. **2009**, 313, 3-9 ○
- 402 *Zobellella iuensis* sp. nov., an aerobic denitrifying bacterium isolated from activated sludge. **2022**, 72, ○
- 401 Honeybee-associated lactic acid bacteria and their probiotic potential for human use. **2023**, 39, ○
- 400 Culturable endophytic fungal assemblages from *Styrax sumatrana* and *Styrax benzoin* and their potential as antifungal, antioxidant, and alpha-glucosidase inhibitory resources. 13, ○
- 399 Rice seed endophytes transmit into the plant seedling, promote plant growth and inhibit fungal phytopathogens. 1
- 398 *Sulfitobacter albidus* sp. nov., isolated from marine sediment of Jeju Island. **2022**, 204, ○
- 397 Functional Characterization and Structural Modeling of a Novel Glycine Oxidase from *Variovorax paradoxus* Iso1. ○
- 396 *Dermatobacter hominis* gen. nov., sp. nov., a new member of the family *Lamiaceae*, isolated from keratin epidermis. ○
- 395 The genome of the brackish-water malaria vector *Anopheles aquasalis*. ○
- 394 *Idiomarina rhizosphaerae* sp. nov. isolated from rhizosphere soil of *Kalidium cuspidatum*, and reclassification of *Idiomarina andamanensis* as *Pseudidiomarina andamanensis* comb. nov., and *Idiomarina mangrovi* as *Pseudidiomarina mangrovi* comb. nov. **2022**, 204, 1
- 393 *Clostridium aromaproducens* sp. nov., isolated from pit mud used for producing Wuliangye baijiu. ○
- 392 Molecular and pathogenic characterization of *Fusarium oxysporum* and *Fusarium proliferatum* causing basal root rot in garlic in Turkey. **2022**, 17, ○
- 391 Enzymes analysis, degradation kinetics, response surface optimization and heavy metal tolerance of the biodegradation of malachite green by *Stenotrophomonas koreensis*. 1-23 ○
- 390 Multi-omics analysis identifies symbionts and pathogens of blacklegged ticks (*Ixodes scapularis*) from a Lyme disease hotspot in southeastern Ontario, Canada. ○
- 389 Reassessing genetic relationships of *Homo heidelbergensis* among primates based on mitochondrial and nuclear DNA. ○

388	Halocynthiibacter halioticoli sp. nov., isolated from the abalone <i>Haliotis discus hannai</i> .	0
387	Urinary Microbiome of Reproductive-Age Asymptomatic European Women.	2
386	<i>Jiella avicenniae</i> sp. nov., a novel endophytic bacterium isolated from bark of <i>Avicennia marina</i> . <b>2022</b> , 204,	0
385	<i>Gramella sediminis</i> sp. nov., isolated from a tidal flat of the Yellow Sea. <b>2022</b> , 72,	1
384	<i>Glycomyces amatae</i> sp. nov., isolated from a yellow-ringed grass moth ( <i>Amata spherbuis</i> ). <b>2022</b> , 72,	0
383	Two ferric-reducing bacteria <i>Geothrix terrae</i> sp. nov. and <i>Geothrix alkalitolerans</i> sp. nov., isolated from paddy soil. <b>2022</b> , 204,	1
382	Coding Complete Genome Sequence of the SARS-CoV-2 Virus Strain, Variant B.1.1, Sampled from Kazakhstan.	0
381	Molecular epidemiology of Infectious Spleen and Kidney Necrosis Virus (ISKNV) in Ghanaian cultured tilapia.	0
380	Isolation and characterization of Plant Growth-Promoting Rhizobacteria from <i>Cenchrus fungigraminus</i> and their potential role in plant growth promotion.	0
379	Development of nine microsatellite loci for <i>Trypanosoma lewisi</i> , a potential human pathogen in Western Africa and South-East Asia, and preliminary population genetics analyses. 2,	0
378	<i>Nocardia sputi</i> sp. nov. isolated from the sputum of patients with pulmonary infection. <b>2022</b> , 72,	0
377	<i>Corynespora</i> leaf spot of <i>Ligustrum quihoui</i> caused by <i>Corynespora cassiicola</i> in China.	0
376	Phosphate solubilization by Antarctic yeasts isolated from lichens. <b>2022</b> , 204,	0
375	Effect of Metal-resistant PGPB on the Metal Uptake, Antioxidative Defense, Physiology, and Growth of <i>Atriplex lentiformis</i> (Torr.) S.Wats. in Soil Contaminated with Cadmium and Nickel.	0
374	<i>Shinella lacus</i> sp. nov., a novel microcystin-degrading alphaproteobacterium containing the <i>bla</i> carbapenemase gene. <b>2022</b> , 72,	0
373	Enhanced Biodegradation of Phenanthrene by <i>Comamonas testosteroni</i> Strain T in the Presence of Limiting Concentration of Triton x-100. <b>2022</b> , 9,	0
372	<i>Hymenobacter lucidus</i> sp. nov., and <i>Hymenobacter nitidus</i> sp. nov., isolated from soil. <b>2022</b> , 204,	0
371	<i>Moorella sulfireducens</i> sp. nov., a thermophilic anaerobic bacterium isolated from a terrestrial thermal spring. <b>2022</b> , 26,	1

- 370 Single and dual inoculation with rhizobacteria on alfalfa (*Medicago sativa* L.) growth under lead stress conditions. ○
- 369 Exploration of the autonomous replication region and its utilization for expression vectors in cyanobacteria.. ○
- 368 Taxonomic and genomic characterization of *Sporosarcina cyprini* sp. nov., moderately tolerant of Cr+6 and Cd+2 isolated from the gut of invasive fish *Cyprinus carpio* var. *communis* (Linn., 1758). ○
- 367 Divulging the anti-acetylcholinesterase activity of *Colletotrichum lentis* strain KU1 extract as sustainable AChE active site inhibitors. **2022**, 204, ○
- 366 *Vibrio parahaemolyticus*T6SS2 effector repertoires. ○
- 365 Characterization of an Amylolytic Enzyme from *Massilia timonae* of the GH13\_19 Subfamily with Mixed Maltogenic and CGTase Activity. ○
- 364 Novel SRY-box transcription factor 9 variant in campomelic dysplasia and the location of missense and nonsense variants along the protein domains: A case report. 10, ○
- 363 Visualization of the Evolutionary Trajectory: Application of Reduced Amino Acid Alphabets and Word2Vec Embedding. **2022**, ○
- 362 Description of a new strain of *Streptomonospora nanhaiensis* and reclassification of *Streptomonospora halotolerans* as a later heterotypic synonym of *Streptomonospora nanhaiensis*. **2022**, 72, ○
- 361 Depth wide distribution and metabolic potential of chemolithoautotrophic microorganisms reactivated from deep continental granitic crust underneath the Deccan Traps at Koyna, India. 13, ○
- 360 Comparison of detection methods and genome quality when quantifying nuclear mitochondrial insertions in vertebrate genomes. 13, ○
- 359 *Acetobacter vaccinii* sp. nov., a novel acetic acid bacterium isolated from blueberry fruit (*Vaccinium corymbosum* L.). **2022**, 72, ○
- 358 Detection of Protoparvovirus in wastewater and human adenovirus in a green leafy vegetable in an Environmental Education Center in southern Brazil. **2022**, 24, 1827-1841 ○
- 357 Calculating functional diversity metrics using neighbor-joining trees. ○
- 356 Study on the Bioconversion of Curcumin to Calebin-A Using *Spirulina subsalsa* and Its Taxonomic Resolution Using 16S rRNA Analysis. ○
- 355 *Zunongwangia pacifica* sp. nov., isolated from surface seawater of the Western Pacific Ocean. **2022**, 72, ○
- 354 *Proteiniphilum propionicum* sp. nov., a novel member of the phylum Bacteroidota isolated from pit clay used to produce Chinese liquor. **2022**, 72, ○
- 353 Molecular and phylogenetic analysis and risk assessment of a trematode parasite, *Artyfechinostomum sufrartyfex* Lane, 1915 with a new host record from India. **2023**, 78, 119-128 ○



- 352 Auxin biosynthesis by *Microbacterium testaceum* Y411 associated with orchid aerial roots and their efficacy in micropropagation. 13, ○
- 351 Diverse mechanisms associated with cyhalofop-butyl resistance in Chinese sprangletop (*Leptochloa chinensis* (L.) Nees): Characterization of target-site mutations and metabolic resistance-related genes in two resistant populations. 13, ○
- 350 Tolerance and reduction of chromium by bacterial strains. 2022, 204, ○
- 349 Comparative structural analysis on the mitochondrial DNAs from various strains of *Lentinula edodes*. 13, ○
- 348 *Fructobacillus apis* sp. nov., isolated from the gut of honeybee (*Apis mellifera*). 2022, 72, ○
- 347 *Roseicella aerolata* sp. nov., isolated from bioaerosols of electronic waste. 2022, 72, ○
- 346 Genome-wide identification of the mitogen-activated protein kinase kinase kinase (MAPKKK) in pear (*Pyrus bretschneideri*) and their functional analysis in response to black spot. 2023, 257, 1
- 345 Diversity, community composition and phylogeny of culturable fungal endophytes of *Dioscorea bulbifera* L.. ○
- 344 Production and characterization of glycolipid biosurfactant from *Streptomyces enissocaesilis* HRB1 and its evaluation for biomedical and bioremediation applications. ○
- 343 Genomic landscape of the emerging XDR *Salmonella* Typhi for mining druggable targets *clpP*, *hisH*, *folP* and *gpmI* and screening of novel TCM inhibitors, molecular docking and simulation analyses. ○
- 342 Seroprevalence and genetic characterization of *Toxoplasma gondii* in domestic pigs intended for human consumption in Cuba. ○
- 341 *Fulvivirga sedimenti* sp. nov., isolated from the sediment of oceanic tidal zone. 2022, 204, ○
- 340 Investigating the plant growth promoting and biocontrol potentiality of endophytic *Streptomyces* SP. SP5 against early blight in *Solanum lycopersicum* seedlings. 2022, 22, ○
- 339 *Lactiseibacillus kribbianus* sp. nov., isolated from pig farm faeces dump. 2022, 72, 1
- 338 *Limnobacter parvus* sp. nov., a Thiosulfate-Oxidizing Bacterium Isolated from Lake Water. 2023, 80, ○
- 337 *Succinivibrio faecicola* sp. nov., isolated from cow faeces. 2022, 72, ○
- 336 *Acinetobacter faecalis* Sp. Nov., Isolated from Elephant Faeces. 2023, 80, ○
- 335 Redox homeostasis at SAM: a new role of HINT protein. 2023, 257, ○

- 334 Circulation of Fluconazole-Resistant *C. albicans*, *C. auris* and *C. parapsilosis* Bloodstream Isolates Carrying Y132F, K143R or T220L Erg11p Substitutions in Colombia. ○
- 333 *Spiribacter halobius* sp. nov., a novel halophilic Gammaproteobacterium with a relatively large genome. 9, ○
- 332 The genome wide analysis of Tryptophan Aminotransferase Related gene family, and their relationship with related agronomic traits in *Brassica napus*. 13, ○
- 331 Proposal to reclassify *Aquiflexum aquatile* into a novel genus as *Cognataquiflexum aquatile* gen. nov., comb. nov., and description of *Cognataquiflexum nitidum* sp. nov. and *Cognataquiflexum rubidum* sp. nov., isolated from freshwater lakes on the Tibetan Plateau. 2022, 72, ○
- 330 Prevalance of multifunctional *Azospirillum formosense* strains in the rhizosphere of pearl millet across diverse edaphoclimatic regions of India. ○
- 329 Genome Analysis of *Halomonas elongata* Strain 153B and Insights Into Polyhydroxyalkanoate Synthesis and Adaptive Mechanisms to High Saline Environments. 2023, 80, ○
- 328 *Nocardioides palaemonis* sp. nov. and *Tessaracoccus palaemonis* sp. nov., isolated from the gastrointestinal tract of lake prawn. 2022, 72, ○
- 327 Characterizing corn-straw-degrading actinomycetes and evaluating application efficiency in straw-returning experiments. 13, 1
- 326 *Lysobacter lactosilyticus* sp. nov., a Novel  $\beta$ -Galactosidase Producing Bacterial Strain Isolated from Farmland Soil Applied with Amino Acid Fertilizer. 2023, 80, ○
- 325 *Levilactobacillus humaensis* sp. nov. and *Lapidilactobacillus luobeiensis* sp. nov., isolated from traditional Chinese pickle. 2022, 72, ○
- 324 *Actinotalea soli* sp. nov., isolated from Kubuqi Desert soil. 2022, 72, ○
- 323 *Brevibacillus daliensis* sp. nov., Isolated From Soil in Machangqing Nature Reserve. 2023, 80, ○
- 322 Definition of the symbiovar *viciae* in the species *Rhizobium azibense* and biogeographic implications. 2023, 205, ○
- 321 Bioconversion of lovastatin to simvastatin by *Streptomyces carpaticus* towards the inhibition of HMGCoA activity. ○
- 320 marmitedefines a novel conserved neuropeptide family mediating nutritional homeostasis. ○
- 319 *Halocatena salina* sp. nov., a filamentous halophilic archaeon isolated from Aiding Salt Lake. 2022, 72, ○
- 318 *Paenibacillus agilis* sp. nov., *Paenibacillus cremeus* sp. nov. and *Paenibacillus terricola* sp. nov., isolated from rhizosphere soils. 2022, 72, ○
- 317 18 S r DNA sequence structure phylogeny of the Euglenophyceae (Euglenozoa, Euglenida). ○

- 316 *Paeniglutamicibacter quisquiliarum* sp. nov., isolated from midden soil waste. **2022**, 72, ○
- 315 Impact on Macrolide Resistance of Genetic Diversity of *Mycobacterium abscessus* Species. **2022**, 10, ○
- 314 A phylogenetics-based nomenclature system for steroid receptors in teleost fishes. ○
- 313 Omicron SARS-CoV-2 Variants in an In Silico Genomic Comparison Study with the Original Wuhan Strain and WHO-Recognized Variants of Concern. **2022**, 71, 577-587 ○
- 312 *Streptomyces Spinosirectus* sp. nov., Isolated From the Medicinal Plant *Xanthium Sibiricum*. **2023**, 80, ○
- 311 *Chryseolinea lacunae* sp. nov. and *Piscinibacter lacus* sp. nov. Isolated from Artificial Pond Water. **2023**, 80, ○
- 310 Genome characterization based on the Spike-614 and NS8-84 loci of SARS-CoV-2 reveals two major onsets of the COVID-19 pandemic. ○
- 309 Comparative Transcriptomics Sheds Light on Remodeling of Gene Expression during Diazotrophy in the Thermophilic Methanogen *Methanothermococcus thermolithotrophicus*. **2022**, 13, ○
- 308 *Torulaspota jiuxiensis* sp. nov., a novel yeast species isolated from rotting wood. **2022**, 72, ○
- 307 Startle: a star homoplasmy approach for CRISPR-Cas9 lineage tracing. ○
- 306 *Nocardiopsis eucommiae* sp. nov., a novel endophytic actinomycete isolated from leaves of *Eucommia ulmoides* Oliv.. **2022**, 72, ○
- 305 *Faunimonas pinastri* gen. nov., sp. nov., an endophyte from a pine tree of the family Pleomorphomonadaceae, class Alphaproteobacteria. **2022**, 72, ○
- 304 Description of *Microbacterium neungamense* sp. nov. isolated from a hot spring. **2023**, 205, ○
- 303 *Nitrosophilus kaiyonis* sp. nov., a hydrogen-, sulfur- and thiosulfate-oxidizing chemolithoautotroph within *Thiopyrobacteriales* isolated from a deep-sea hydrothermal vent in the Mid-Okinawa Trough. **2023**, 205, ○
- 302 Plant growth promoting activities and effect of fermented panchagavya isolate *Klebsiella* sp. PG-64 on *Vigna radiata*. **2023**, 39, 1
- 301 Identifiability of local and global features of phylogenetic networks from average distances. **2023**, 86, ○
- 300 *Caldovatus aquaticus* sp. nov., a moderately thermophilic bacterium isolated from hot spring microbial mat. **2022**, 72, ○
- 299 Population genetic analyses unveiled genetic stratification and differential natural selection signatures across the G-gene of viral hemorrhagic septicemia virus. 13, ○

- 298 A boundary between occurrences of mitochondrial cytochrome b haplotypes as well as mito-nuclear discordance in the house mouse *Mus musculus* from the northern area of Tochigi Prefecture, Japan. ○
- 297 PHD-finger family genes in wheat (*Triticum aestivum* L.): Evolutionary conservatism, functional diversification, and active expression in abiotic stress. 13, ○
- 296 *Streptomyces acidipaludis* sp. nov., an actinobacterium isolated from peat swamp forest soil. **2022**, 72, ○
- 295 Characterization of three *Stenotrophomonas* strains isolated from different ecosystems and proposal of *Stenotrophomonas mori* sp. nov. and *Stenotrophomonas lacuserhaii* sp. nov.. 13, ○
- 294 *Devosia oryzoisoli* sp. nov., a novel moderately halotolerant bacterium isolated from the roots of rice plants and genome mining revealed the biosynthesis potential as plant growth promoter. ○
- 293 *Cedecea sulfonylureivorans* sp. nov., a novel chlorimuron-ethyldegrading bacterium isolated from an herbicides-degrading consortium. **2023**, 205, ○
- 292 Assessing penaeid shrimp diversity in the northwest of Peninsular Malaysia: an integrated framework in taxonomy and phylogeny. ○
- 291 Genome-wide identification, characterization, and genetic diversity of CCR gene family in *Dalbergia odorifera*. 13, 1
- 290 Filariasis in dogs brought to the Veterinary Teaching Hospital, University of Peradeniya, Sri Lanka. ○
- 289 Metabolomic comparison using *Streptomyces* spp. as a factory of secondary metabolites. ○
- 288 Green nanotechnology for controlling bacterial load and heavy metal accumulation in Nile tilapia fish using biological selenium nanoparticles biosynthesized by *Bacillus subtilis* AS12. 13, ○
- 287 *Sphingomonas liriopis* sp. nov., *Sphingomonas donggukensis* sp. nov., and *Sphingomonas tagetis* sp. nov., isolated from *Liriope platyphylla* fruit, soil, and *Tagetes patula* roots. **2023**, 205, ○
- 286 *Devosia ureilytica* sp. nov., isolated from Kuche River in China. **2022**, 72, ○
- 285 *Canibacter zhuwentaonis* sp. nov. and *Canibacter zhoujuaniae* sp. nov., isolated from *Marmota himalayana*. **2022**, 72, ○
- 284 Fine Mapping Identifies ClTFL1 Encodes a TERMINAL FLOWER 1 Protein as Putative Candidate Gene for Inflorescence Architecture and Tendril Development and in Watermelon. ○
- 283 *Streptomyces humicola* sp. nov., a novel actinobacterium isolated from peat swamp forest soil in Thailand. **2022**, 72, ○
- 282 *Erythrobacter aurantius* sp. nov., isolated from intertidal seawater in Taizhou. **2022**, 72, ○
- 281 *Reticulinasus salahii* (Acarina: Argasidae), an ectoparasite of bats and man in the Palaearctic and Afrotropics: an annotated review of records with the first pathogens detected. ○

- 280 Ger1 is a secreted aspartic acid protease essential for spore germination in *Ustilago maydis*. ○
- 279 *Paraconexibacter antarcticus* sp. nov., a novel actinobacterium isolated from Antarctic tundra soil. **2022**, 72, ○
- 278 Diversity and adaptation properties of actinobacteria associated with Tunisian stone ruins. 13, ○
- 277 Description of *Jidongwangia harbinensis* gen. nov. sp. nov. **2023**, 73, ○
- 276 Wild emmer wheat, the progenitor of modern bread wheat, exhibits great diversity in the VERNALIZATION1 gene. 13, ○
- 275 Elucidating Morpho-Molecular Diversity and Population Structure of Elite Tomato (*Solanum lycopersicum* L.) Germplasm. ○
- 274 Identification of microbiogeochemical factors responsible for arsenic release and mobilization, and isolation of heavy metal hyper-tolerant bacterium from irrigation well water: a case study in Rural Bengal. ○
- 273 Phylogeny and Genomic Characterization of Clinical *Salmonella enterica* Serovar Newport Collected in Tennessee. ○
- 272 First report of Duck Hepatitis A virus genotype 2 in India. ○
- 271 *Halorarius litoreus* gen. nov., sp. nov., *Halorarius halobius* sp. nov., *Haloglomus halophilum* sp. nov., *Haloglomus salinum* sp. nov., and *Natronomonas marina* sp. nov., extremely halophilic archaea isolated from tidal flat and marine solar salt. 10, ○
- 270 Simultaneous evaluation of composting experiments and metagenome analyses to illuminate the effect of *Streptomyces* spp. on organic matter degradation. **2023**, 39, ○
- 269 Characteristics of lactic acid bacteria, microbial community and fermentation dynamics of native grass silage prepared in Inner Mongolian Plateau. 13, ○
- 268 *Pseudarthrobacter humi* sp. nov., an actinobacterium isolated from soil. **2023**, 73, ○
- 267 *Paracoccus marinaquae* sp. nov., isolated from coastal water of the Yellow Sea. **2023**, 205, ○
- 266 Description of *Nocardioides jianguensis* sp. nov., and Proposal for Reclassification of the Genus *Marmoricola* as *Nocardioides*. **2023**, 80, ○
- 265 *Alicyclobacillus chiapanensis* PA2T, a novel species with specific adaptation in a bacterial cell wall isolated from an active volcano. ○
- 264 Genome sequencing and resequencing identified three horizontal gene transfers and uncovered the genetic mechanism on the intraspecies adaptive evolution of *Gastrodia elata* Blume. 13, ○
- 263 Genomic study and lipidomic bioassay of *Leeuwenhoekiella parthenopeia*: A novel rare biosphere marine bacterium that inhibits tumor cell viability. 13, ○

- 262 *Fundidesulfovibrio agrisoli* sp. nov., A Nitrogen-Fixing Bacterium Isolated from Rice Field. **2023**, 80, ○
- 261 Sensing of viral RNA in plants via a DICER-LIKE Ribonuclease. ○
- 260 Insecticidal activities of *Streptomyces* sp. KSF103 ethyl acetate extract against medically important mosquitoes and non-target organisms. **2023**, 13, 1
- 259 Whole-genome resequencing reveals genetic diversity, differentiation, and selection signatures of yak breeds/populations in Qinghai, China. 13, ○
- 258 Comprehensive analysis of 84 *Faecalibacterium prausnitzii* strains uncovers their genetic diversity, functional characteristics, and potential risks. 12, ○
- 257 *Pseudomonas citri* sp. nov., a potential novel plant growth promoting bacterium isolated from rhizosphere soil of citrus. ○
- 256 Genomic characterization and assessment of pathogenic potential of *Legionella* spp. isolates from environmental monitoring. 13, ○
- 255 *Clostridium caldaquaticum* sp. nov., a thermophilic bacterium isolated from a hot spring sediment. **2023**, 73, ○
- 254 Y12F mutation in *Pseudomonas plecoglossicida* S7 lipase enhances its thermal and pH stability for industrial applications: a combination of in silico and in vitro study. **2023**, 39, ○
- 253 Genome-wide association study reveals novel loci and a candidate gene for resistance to frog-eye leaf spot (*Cercospora sojae*) in soybean. ○
- 252 *Flaviumibacter fluminis* sp. nov., a novel thermotolerant bacterium isolated from river silt. **2023**, 73, ○
- 251 *Bacteroides faecium* sp. nov. isolated from human faeces. **2023**, 73, ○
- 250 *Streptomyces rhizoryzae* sp. nov., isolated from paddy rhizosphere soil and formal proposal to reclassify *Streptomyces albus* as a later heterotypic synonym of *Streptomyces noursei*. **2023**, 73, ○
- 249 Salicylic acid delays pear fruit senescence by playing an antagonistic role toward ethylene, auxin, and glucose in regulating the expression of PpEIN3a. 13, ○
- 248 Unraveling signatures of chicken genetic diversity and divergent selection in breed-specific patterns of early myogenesis, nitric oxide metabolism and post-hatch growth. 13, ○
- 247 In-depth characterization of phytase-producing plant growth promotion bacteria isolated in alpine grassland of Qinghai-Tibetan Plateau. 13, ○
- 246 Probing of an Appreciable Antimicrobial Compound Producing *Lactobacillus* Strain from Milk Products of Thanjavur Region, Tamil Nadu and its Enhanced Production. **2022**, 19, 917-925 1
- 245 *Bacillus pinisoli* sp. nov., Isolated from Soil of a Decayed Pine Tree. **2023**, 80, ○

- 244 New record of anthiadine fish, *Plectranthias yamakawai* (Actinopterygii: Perciformes: Serranidae), from the Philippines. **2022**, 52, 299-307 ○
- 243 New record of anthiadine fish, *Plectranthias yamakawai* (Actinopterygii: Perciformes: Serranidae), from the Philippines. **2022**, 52, 299-307 ○
- 242 *Massilia phyllostachyos* sp. nov., Isolated from the Roots of Moso Bamboo in China. **2023**, 80, ○
- 241 RNAi verifications on olfactory defects of an essential biocontrol agent *Agasicles hygrophila* (Coleoptera: Chrysomelidae) regarding mating and host allocation. 11, ○
- 240 *Melaminivora suipulveris* sp. nov., isolated from pigpen dust. **2023**, 73, ○
- 239 Genome-wide identification of germin-like proteins in peanut (*Arachis hypogea* L.) and expression analysis under different abiotic stresses. 13, ○
- 238 Valorization of Moroccan Phosphate Sludge Through Isolation and Characterization of Phosphate Solubilizing Bacteria and Assessment of Their Growth Promotion Effect on *Phaseolus vulgaris*. ○
- 237 *Streptomyces macrolidinus* sp. nov., a novel soil actinobacterium with potential anticancer and antimalarial activity. **2023**, 73, ○
- 236 Structure and stability constrained substitution models outperform traditional substitution models used for evolutionary inference. ○
- 235 *Anaeromicropila herbilytica* gen. nov., sp. nov., a plant polysaccharide-decomposing anaerobic bacterium isolated from anoxic soil subjected to reductive soil disinfestation, and reclassification of *Clostridium populeti* as *Anaeromicropila populeti* comb. nov.. **2023**, 73, ○
- 234 Modeling the Orthosteric Binding Site of the G Protein-Coupled Odorant Receptor OR5K1. ○
- 233 Biotin pathway in novel *Fodinibius salsisoli* sp. nov., isolated from hypersaline soils and reclassification of the genus *Aliifodinibius* as *Fodinibius*. 13, ○
- 232 Effects of blue LED irradiation on the quality characteristics of Mukeunji, a long-term fermented kimchi, during refrigerated storage. ○
- 231 *Streptomyces guryensis* sp. nov. exhibiting antimicrobial activity, isolated from riverside soil. **2023**, 73, ○
- 230 Genomic landscape of the emerging XDR *Salmonella* Typhi for mining druggable targets *clpP*, *hisH*, *folP* and *gpml* and screening of novel TCM inhibitors, molecular docking and simulation analyses. **2023**, 23, ○
- 229 The role of Hazarewal populations in the peopling of South Asia: A dental morphology investigation. ○
- 228 *Vibrio amylolyticus* sp. nov. and *Vibrio gelatinilyticus* sp. nov., two marine bacteria isolated from surface seawater of Qingdao. **2023**, 73, ○
- 227 Genome wide identification and evolutionary analysis of vat like NBS-LRR genes potentially associated with resistance to aphids in cotton. ○

- 226 Screening and molecular identification of biosurfactant/bioemulsifier producing bacteria from crude oil contaminated soils samples. ○
- 225 Colonized patients by *Candida auris*: Third and largest outbreak in Brazil and impact of biofilm formation. 13, ○
- 224 *Streptomyces* sp. Strain PBR11, a Forest-Derived Soil Actinomycetia with Antimicrobial Potential. ○
- 223 Novel Pipeline for Large-Scale Comparative Population Genetics. ○
- 222 *Thermospira aquatica* gen. nov., sp. nov., a novel thermophilic spirochete isolated from a Tunisian hot spring, and description of the novel family Thermospiraceae.. 2023, 73, ○
- 221 *Actinomadura terrae* sp. nov. and *Actinomadura litoris* OS3-89, isolated from rhizosphere soil of cactus. 2023, 73, ○
- 220 Molecular Weevil Identification Project: A thoroughly curated barcode release of 1300 Western Palearctic weevil species (Coleoptera, Curculionoidea). 11, ○
- 219 Contribution of photic and aphotic N<sub>2</sub> fixation to production in an oligotrophic sea. ○
- 218 *Bacillus litorisediminis* sp. nov., a Thermophilic Bacterium Isolated from Mangrove Sediment. 2023, 80, ○
- 217 Compost-derived thermophilic microorganisms producing glycoside hydrolase activities as new potential biocatalysts for sustainable processes. 2023, 10, ○
- 216 The Impact of Species Tree Estimation Error on Cophylogenetic Reconstruction. ○
- 215 A novel nitrogen-fixing bacterium, *Propionivibrio soli* sp. nov. isolated from paddy soil. 2023, 205, ○
- 214 Genomic-based phylogenetic and metabolic analyses of the genus *Natronomonas*, and description of *Natronomonas aquatica* sp. nov.. 14, ○
- 213 Genome-wide diversity analysis suggests divergence among Upper Guinea and the Dahomey Gap populations of the Sistrberry (Syn: miracle fruit) plant (*Synsepalum dulcificum* [Schumach. & Thonn.] Daniell) in West Africa. ○
- 212 Oceanic photosynthetic picoeukaryotes make a significant contribution to global oceanic meta-metabolism, indicating that cellular and genome streamlining confer ecological success. ○
- 211 Computational design and structure dynamics analysis of bifunctional chimera of endoxylanase from *Clostridium thermocellum* and xylosidase from *Bacteroides ovatus*. 2023, 13, ○
- 210 Systematic identification of TPS genes in *Gossypium* and their characteristics in response to flooding stress. 14, ○
- 209 Dynamics of the sucrose metabolism and related gene expression in tomato fruits under water deficit. 2023, 29, 159-172 ○



- 208 *Abyssibius alkaniclasticus* gen. nov., sp. nov., a novel member of the family Rhodobacteraceae, isolated from the Mariana Trench. **2023**, 73, ○
- 207 Best practice for wildlife gut microbiome research: A comprehensive review of methodology for 16S rRNA gene investigations. 14, ○
- 206 *Marinagarivorans cellulosityticus* sp. nov., a cellulolytic bacterium isolated from the deep-sea off Noma-misaki, Japan. **2023**, 73, ○
- 205 *Frateuria soli* sp. nov. and *Frateuria edaphi* sp. nov., isolated from greenhouse soil. **2023**, 73, ○
- 204 Mumps virus (Paramyxoviridae: <i>Orthorubulavirus: Mumps orthorubulavirus</i>) genotyping as a component of laboratory confirmation of infection. **2023**, 68, 59-65 ○
- 203 *Desulfovibrio mangrovi* sp. nov., a sulfate-reducing bacterium isolated from mangrove sediments: a member of the proposed genus *Psychrodesulfovibrio* ○
- 202 First record of the parasitoid wasp *Ixodiphagus hookeri* (Hymenoptera: Encyrtidae) infesting the tick *Amblyomma nodosum* (Acari: Ixodidae). **2023**, 122, 1255-1259 ○
- 201 Isolation and Characterization of Anticancer Compound Producing Marine *Paenibacillus lentimorbus* SAGM 3 Collected from a Sea Anemone, *Heteractis* species. **2023**, 20, 69-78 ○
- 200 Genome-wide identification and expression profiling reveal the regulatory role of U-box E3 ubiquitin ligase genes in strawberry fruit ripening and abiotic stresses resistance. 14, ○
- 199 *Collinsella urealyticum* sp. nov., a urease-positive bacterial strain isolated from swine faeces. **2023**, 205, ○
- 198 LinRace: single cell lineage reconstruction using paired lineage barcode and gene expression data. ○
- 197 Analysis of aquaporins in northern grasses reveal functional importance of *Puccinellia nuttalliana* PIP2;2 in salt tolerance. ○
- 196 *Antarcticirhabdus aurantiaca* gen. nov., sp. nov., isolated from Antarctic gravel soil. **2023**, 73, ○
- 195 Mapping lineage-traced cells across time points with moslin. ○
- 194 *Ectobacillus ponti* sp. nov., a novel bacterium isolated from Pearl River Estuary. **2023**, 73, ○
- 193 Characterization of phytopathogen-preying *Hyalangium versicolor* sp. nov., and proposal for the reclassification of *Cystobacter gracilis* as *Hyalangium gracile* comb. Nov. **2023**, 205, ○
- 192 A zero-agnostic model for copy number evolution in cancer. ○
- 191 Molecular characterization and expression analysis of a novel cold-inducible RNA-binding protein (CIRBP) gene in lamprey (*Lethenteron reissneri*). ○

- 190 Surveillance of 16 UK native bat species through conservationist networks uncovers coronaviruses with zoonotic potential. ○
- 189 Systematic analysis reveals novel insight into the molecular determinants of function, diversity and evolution of sweet taste receptors T1R2/T1R3 in primates. 10, ○
- 188 *Sandaracinobacteroides sayramensis* sp. nov., a yellow-pigmented bacterium isolated from lake water. **2023**, 73, ○
- 187 Mycoremediation of Rhodamine B through *Aspergillus fumigatus* P5 and evaluation of degradative pathway. ○
- 186 *Parabacteroides faecalis* sp. nov. Isolated from Swine Faeces. **2023**, 80, ○
- 185 *Cryobacterium zhongshanensis* sp. nov., an actinobacterium isolated from Antarctic soil. **2023**, 205, ○
- 184 Genome-based reclassification of *Anoxybacillus salavatliensis* Cihan et al. 2011 as a later heterotypic synonym of *Anoxybacillus gonensis* Belduz et al. 2003. ○
- 183 *Arthrobacter hankyongi* sp. nov., Isolated From Wet Land. **2023**, 80, ○
- 182 *Acidaminococcus hominis* sp. nov., *Amedibacillus hominis* sp. nov., *Lientehia hominis* gen. nov. sp. nov., *Merdimmobilis hominis* gen. nov. sp. nov., and *Paraeggerthella hominis* sp. nov., isolated from human faeces. **2023**, 73, ○
- 181 OsDPE2 Regulates Rice Panicle Morphogenesis by Modulating the Content of Starch. **2023**, 16, ○
- 180 A novel sulfate-reducing and nitrogen-fixing bacterium *Fundidesulfovibrio soli* sp. nov., isolated from paddy soils. **2023**, 205, ○
- 179 Genetic Diversity and Phylogenetic Analyses of *Juglans regia* L. (*Juglandaceae*) Populations Using RAPD, ISSR Markers and nrDNA ITS Regions. **2023**, 65, 311-320 ○
- 178 Bacteriocin production and technological properties of *Enterococcus mundtii* and *Enterococcus faecium* strains isolated from sheep and goat colostrum. ○
- 177 Taxonomical and ontological analysis of verified natural and laboratory human coronavirus hosts. ○
- 176 Mitochondrial DNA diversity and genetic structure of striped dolphin *Stenella coeruleoalba* in the Northern Ionian Sea. 10, ○
- 175 Management of Black Root Disease-Causing Fungus *Fusarium solani* CRP1 by Endophytic *Bacillus siamensis* CNE6 through Its Metabolites and Activation of Plant Defense Genes. **2023**, 11, ○
- 174 Two new species of the genus *Paracladopelma* Harnisch of *Harnischia* complex from India (Diptera: Chironomidae). 1-13 ○
- 173 *Muricauda spongiicola* sp. nov., isolated from the sponge *Callyspongia elongata*. **2023**, 73, ○

- 172 BK virus genotypes and humoral response in kidney transplant recipients with BKV associated nephropathy. **2023**, 25, ○
- 171 *Aliidiomarina quisquiliarum* sp. nov., isolated from landfill leachate. **2023**, 73, ○
- 170 Three novel Actinoplanes species isolated by using polyaspartic acid as a water-retaining agent for the enrichment in situ. **2023**, 73, ○
- 169 Effects of genetic components of plant development on yield-related traits in wheat (*Triticum aestivum* L.) under stress-free conditions. 13, ○
- 168 Overproduction of poly(3-hydroxybutyrate) by the extremely halophilic archaeon *Haloarcula* sp. CEJ40-10 using starchy substrate. ○
- 167 Calomyscid Rodents (Rodentia: Calomyscidae) as a Potential Reservoir of Zoonotic Cutaneous Leishmaniasis in a Mountainous Residential Area in the Plateau of Iran: Inferring from Molecular Data of kDNA and ITS2 Genes of *Leishmania Major*. **2023**, 2023, 1-7 ○
- 166 Molecular mechanism of Rubisco activase: Dynamic assembly and Rubisco remodeling. 10, ○
- 165 *Halocynthiibacter halioticoli* sp. nov., isolated from the viscera of abalone *Haliotis discus hannai*. ○
- 164 *Nonomurea sediminis* sp. nov., a novel actinobacterium with antimicrobial activity, isolated from sediment of Dianchi Lake. **2023**, 205, ○
- 163 Morphological and genomic characteristics of two novel actinomycetes, *Ornithinimicrobium sulfipigmenti* sp. nov. and *Ornithinimicrobium faecis* sp. nov. isolated from bat faeces (*Rousettus leschenaultia* and *Taphozous perforates*). 13, ○
- 162 *Bacteroides rhinocerotis* sp. nov., isolated from the fresh feces of rhinoceros in Beijing Zoo. ○
- 161 *Mucilaginibacter straminoryzae* sp. nov., isolated from rice straw used for growing periphyton. **2023**, 73, ○
- 160 *Barnettozyma menglunensis* f.a., sp. nov., a novel yeast species isolated from rotting wood. **2023**, 73, ○
- 159 *Maribacter halichondris* sp. nov., isolated from the marine sponge *Halichondria panicea*. ○
- 158 Extended-spectrum  $\beta$ -lactamases -producing Enterobacteriaceae from abattoir wastes. 1-12 ○
- 157 A novel phytopathogen *Erwinia sorbitola* sp. nov., isolated from the feces of ruddy shelducks. 13, ○
- 156 *Sneathiella marina* sp. nov., isolated from a sea anemone in the Western Pacific Ocean. **2023**, 73, ○
- 155 Synergy between Genome Mining, Metabolomics, and Bioinformatics Uncovers Antibacterial Chlorinated Carbazole Alkaloids and Their Biosynthetic Gene Cluster from *Streptomyces tubbatahanensis* sp. nov., a Novel Actinomycete Isolated from Sulu Sea, Philippines. **2023**, 11, ○

- 154 *Aliilewinella sediminis* gen. nov. sp. nov., isolated from the coastal sediment, and reclassification of some *Lewinella* species as the members of the genus *Aliilewinella*. ○
- 153 Application of a novel biological-nanoparticle pretreatment to *Oscillatoria acuminata* biomass and coculture dark fermentation for improving hydrogen production. **2023**, 22, ○
- 152 *Roseomonas acroporae* sp. nov., isolated from coral *Acropora digitifera*. **2023**, 73, ○
- 151 Exploration of actinobacteria communities in seawater and sediments of mediterranean basin from Algerian coast displays high diversity with new taxa and antibacterial potential. ○
- 150 *Radiobacillus kanasensis* sp. nov., a halotolerant bacterium isolated from woodland soil. **2023**, 73, ○
- 149 Impact of environmental factors on diversity of fungi in sediments from the Shenzhen River Estuary. **2023**, 205, ○
- 148 *Arthrobacter mangrovi* sp. nov., an actinobacterium isolated from the rhizosphere of a mangrove. **2023**, 73, ○
- 147 *Thermomonas paludicola* sp. nov., isolated from a lotus wetland. **2023**, 73, ○
- 146 Temperature-induced modulation of stress-tolerant PGP genes bioprospected from *Bacillus* sp. IHBT-705 associated with saffron (*Crocus sativus*) rhizosphere: A natural-treasure trove of microbial biostimulants. 14, ○
- 145 Population structure and evolutionary history of the greater cane rat (*Thryonomys swinderianus*) from the Guinean Forests of West Africa. 14, ○
- 144 Evaluating Compression-Based Phylogeny Estimation in the Presence of Incomplete Lineage Sorting. **2023**, 30, 250-260 ○
- 143 Traces of Introgression from *cAus* into Tropical Japonica Observed in African Upland Rice Varieties. **2023**, 16, ○
- 142 Development and characterization of a vector system based on the simian adenovirus type 25. **2023**, ○
- 141 Emergence of Multidrug-resistant Carbapenemases and MCR-1 Producing *Pseudomonas aeruginosa* in Egypt. **2023**, 17, 486-498 ○
- 140 First report on the enzymatic and immune response of *Metarhizium majus* bag formulated conidia against *Spodoptera frugiperda*: An ecofriendly microbial insecticide. 14, ○
- 139 Primary study on the probiotic properties of *Lactobacillus casei* LC 304.08 following international standard. **2022**, 60, 982-992 ○
- 138 Effects of additives containing a novel strain on the fermentation characteristics, structural carbohydrates, and  $\beta$ -tocopherol content of rice straw and corn stover silages. **2023**, 10, ○
- 137 Comparison of the Rhizobacteria *Serratia* sp. H6 and *Enterobacter* sp. L7 on *Arabidopsis thaliana* Growth Promotion. **2023**, 80, ○

- 136 Genome-wide survey of HMA gene family and its characterization in wheat (*Triticum aestivum*). 11, e14920 ○
- 135 Exploring microbial functional biodiversity at the protein family level from metagenomic sequence reads to annotated protein clusters. 3, ○
- 134 Direct link between convergent evolution at sequence level and phenotypic level of septal pore cap in Agaricomycotina. ○
- 133 Characterization of the complete mitochondrial genome of the Brazilian cownose ray *Rhinoptera brasiliensis* (Myliobatiformes, Rhinopteridae) in the western Atlantic and its phylogenetic implications. ○
- 132 Feeding *Spodoptera exigua* (Lepidoptera: Noctuidae) larvae with bacteria increase larval juvenile hormone levels inhibiting cannibalism under certain conditions. ○
- 131 Late Quaternary history of Siberian stone pine as revealed by genetic and paleoecological data. 2023, 19, ○
- 130 CRISPR/Cas9-mediated homology donor repair base editing confers glyphosate resistance to rice (*Oryza sativa* L.). 14, ○
- 129 Identification of surfactin as an anti-severe fever with thrombocytopenia syndrome virus multi-target compound extracted from the culture broth of marine microbes. 2, ○
- 128 Environmental DNA phylogeography: Successful reconstruction of phylogeographic patterns of multiple fish species from cups of water. ○
- 127 Lpnet: Reconstructing phylogenetic networks from distances using integer linear programming. ○
- 126 Phosphate and potash solubilizing bacteria from Moroccan phosphate mine showing antagonism to bacterial canker agent and inducing effective tomato growth promotion. 14, ○
- 125 Genome-wide analysis of bromodomain gene family in *Arabidopsis* and rice. 14, ○
- 124 Refactoring and Heterologous Expression of Class III Lanthipeptide Biosynthetic Gene Clusters Lead to the Discovery of N,N-Dimethylated Lantibiotics from Firmicutes. 2023, 18, 508-517 ○
- 123 Molecular evolution, diversity, and adaptation of foot-and-mouth disease virus serotype O in Asia. 14, ○
- 122 Isolation and characterization of detergent-compatible amylase-, protease-, lipase-, and cellulase-producing bacteria. ○
- 121 *Geothrix oryzoisoli* sp. nov., a ferric iron-reducing bacterium isolated from paddy soil. ○
- 120 Genome-wide identification and comparative analyses of key genes involved in C4 photosynthesis in five main gramineous crops. 14, ○
- 119 Environmental factors and host genotype control foliar epiphytic microbial community of wild soybeans across China. 14, ○

- 118 *Zobellia alginoliquefaciens* sp. nov., a new flavobacteria isolated from the epibiota of the brown alga *Ericaria zosteroides* (C. Agardh) Molinari & Guiry 2020. ○
- 117 In silico Analysis of Diverse Endo- $\beta$ 1,4-glucanases Reveals Their Molecular Evolution. **2023**, 59, 94-106 ○
- 116 Cloning and identification of *CmCC* and *NB* and *ARC*; a chrysanthemum white rust resistance gene. **2023**, 3, 0-0 ○
- 115 Characterization of nitrilase-producing thermophilic bacteria and exploring their potential for mandelic acid synthesis. ○
- 114 Multi-gene phylogeny and taxonomy of the genus *Bannoa* with the addition of three new species from central China. 14, ○
- 113 Metabolic Versatility of the Family *Haliaceae* Revealed by the Genomics of Novel Cultured Isolates. **2023**, 11, ○
- 112 A DNA barcode reference library for CITES listed Malagasy *Dalbergia* species. **2023**, 13, ○
- 111 *Scleromatobacter humisilvae* gen. nov., sp. nov., a novel bacterium isolated from oak forest soil. **2023**, 73, ○
- 110 *Dyadobacter chenuakuui* sp. nov., *Dyadobacter chenwenxiniae* sp. nov., and *Dyadobacter fanqingshengii* sp. nov., isolated from soil of the Qinghai-Tibetan Plateau. **2023**, 73, ○
- 109 *Microbacterium tenebrionis* sp. nov. and *Microbacterium allomyrinae* sp. nov., isolated from larvae of *Tenebrio molitor* L. and *Allomyrina dichotoma*, respectively. **2023**, 73, ○
- 108 Intracellular *Plasmodium aquaporin 2* is required for sporozoite production in the mosquito vector and malaria transmission. ○
- 107 *Paenibacillus mangrovi* sp. nov., a novel endophytic bacterium isolated from bark of *Kandelia candel*. **2023**, 73, ○
- 106 *Cytobacillus citreus* sp. nov., isolated from citrus rhizosphere soil. **2023**, 73, ○
- 105 Description of *Alkalimarinus coralli* sp. nov., isolated from tissue of the coral *Pocillopora damicornis*. **2023**, 73, ○
- 104 *Aquiflexum gelatinilyticum* sp. nov., isolated from river water. **2023**, 73, ○
- 103 *Tamlana laminarivorans* sp. nov. and *Tamlana sargassicola* sp. nov., two novel species isolated from *Sargassum*, show genomic and physiological adaptations for a *Sargassum*-associated lifestyle. **2023**, 73, ○
- 102 *Croceibacterium selenioxidans* sp. nov., isolated from seleniferous soil. **2023**, 73, ○
- 101 *Salinibacterium sedimenticola* sp. nov., Isolated from Tidal Flat Sediment. **2023**, 80, ○

- 100 Genome-wide identification and expression analysis of the U-box E3 ubiquitin ligase gene family related to salt tolerance in sorghum (*Sorghum bicolor* L.). 14, ○
- 99 Reconstructing prehistoric viral genomes from Neanderthal sequencing data. ○
- 98 *Solitalea lacus* sp. nov., isolated from pond sediment. **2023**, 73, ○
- 97 *Luteimonas galliterrae* sp. nov., isolated from poultry farm soil. **2023**, 73, ○
- 96 The whole-genome shotgun sequence of a chitinolytic actinomycete, *Streptomyces californicus* TBG-201, and the in-silico studies of its chitinase-19 genes. ○
- 95 *Nocardioides okcheonensis* sp. nov., isolated from riverside soil. **2023**, 73, ○
- 94 Emergence and circulation of azole-resistant *C. albicans*, *C. auris* and *C. parapsilosis* bloodstream isolates carrying Y132F, K143R or T220L Erg11p substitutions in Colombia. 13, ○
- 93 Whole genome characterization of thermophilic *Campylobacter* species isolated from dairy manure in small specialty crop farms of Northeast Ohio. 14, ○
- 92 *Insulambacter thermoxyylanivorax* sp. nov., a thermophilic xylanolytic bacterium isolated from compost. **2023**, 73, ○
- 91 Occurrence, identification and characterization of diazotrophic bacteria from aerial roots of *Rhynchosyilis retusa* (L.) Blume for plant growth-promoting activity. **2023**, 205, ○
- 90 Isolation, screening and molecular characterization of phytase-producing microorganisms to discover the novel phytase. ○
- 89 *Capnocytophaga catalasegens* sp. nov., isolated from feline oral cavities. **2023**, 73, ○
- 88 Plasmid - Mediated Quinolone Resistance (PMQR) determinants in multidrug-resistant, non - ESBL-producing, non-typhoidal *Salmonella* species isolated from commercial laying chickens. 1-13 ○
- 87 *Novosphingobium kaempferiae* sp. nov., a phosphate-solubilizing bacterium isolated from stem of *Kaempferia marginata* Carey. **2023**, 73, ○
- 86 Genome surveillance of SARS-CoV-2 variants and their role in pathogenesis focusing on second wave of COVID-19 in India. **2023**, 13, ○
- 85 *Amycolatopsis iheyensis* sp. nov., isolated from soil on Iheya Island, Japan. **2023**, 73, ○
- 84 *Rhizohabitans arisaemae* gen. nov., sp. nov., a novel actinomycete of the family Streptosporangiaceae. **2023**, 73, ○
- 83 *Shouchella tritolerans* sp. nov., a facultative anaerobic bacterium isolated from marine sediments. **2023**, 205, ○

- 82 *Brevibacillus humidisoli* sp. nov., a moderately thermoalkaliphilic and halotolerant species isolated from riverside soil. **2023**, 73, ○
- 81 *Aequorivita vitellina* sp. nov. and *Aequorivita xiaoshiensis* sp. nov., isolated from marine sediment. **2023**, 73, ○
- 80 *Gordonia aquimaris* sp. nov., a novel marine actinobacterium isolated from seawater in the upper gulf of Thailand. **2023**, 73, ○
- 79 *Candidatus Hydrogenisulfobacillus filiaventi* strain R50 gen. nov. sp. nov., a highly efficient producer of extracellular organic compounds from H<sub>2</sub> and CO<sub>2</sub>. 14, ○
- 78 Characterization of free fatty acid receptor family in rainbow trout (*Oncorhynchus mykiss*): towards a better understanding of their involvement in fatty acid signalisation. **2023**, 24, ○
- 77 Bioprospecting of desert actinobacteria with special emphases on griseoviridin, mitomycin C and a new bacterial metabolite producing *Streptomyces* sp. PU-KB10. **2023**, 23, ○
- 76 Description of *Limnobaculum eriocheiris* sp. nov., an intestinal bacterium of *Eriocheir sinensis*, and reclassification of the genera *Jinshanibacter* and *Insectihabitans* as *Limnobaculum*. ○
- 75 Evolution of tetraspanin antigens in the zoonotic Asian blood fluke *Schistosoma japonicum*. **2023**, 16, ○
- 74 Reference-free phylogeny from sequencing data. **2023**, 16, ○
- 73 New Data on the Distribution of the Bulgarian Spined Loach *Cobitis strumicae* (Teleostei: Cobitidae) in Türkiye. ○
- 72 *Euphorbia helioscopia* a Putative Plant Reservoir of Pathogenic *Curtobacterium flaccumfaciens*. **2023**, 80, ○
- 71 A widespread bacterial mobile genetic element encodes weapons against phages, bacteria, and eukaryotes. ○
- 70 Deep-sea anglerfish (Lophiiformes: Ceratioidei) diversity from the western North Atlantic throughout morphology and DNA barcoding. **2023**, 53, ○
- 69 Transcriptional profiling of populations in the clam *Ruditapes decussatus* suggests genetically determined differentiation in gene-expression along parallel temperature gradients and between races of the Atlantic Ocean and West Mediterranean sea. ○
- 68 *Diddensiella parasantjacobensis* f.a., sp. nov., a yeast species from forest habitats. **2023**, 73, ○
- 67 Population genetics of *Glossina fuscipes fuscipes* from southern Chad. 3, ○
- 66 Characterization of GshAB of *Tetragenococcus halophilus*: a two-domain glutathione synthetase. **2023**, 107, 2997-3008 ○
- 65 Ksak: A high-throughput tool for alignment-free phylogenetics. 14, ○



- 64 Distinct hormonal and morphological control of dormancy and germination in *Chenopodium album* dimorphic seeds. 14, ○
- 63 *Sphingomonas cremea* sp. nov., isolated from ginseng soil. **2023**, 73, ○
- 62 *Chelativorans petroleitrophicus* sp. nov., a paraffin oil-degrading bacterium isolated from a mixture of oil-based drill cuttings and paddy soil. **2023**, 73, ○
- 61 *Lolliginicoccus levis* gen. nov., sp. nov., a novel bacterium isolated from the brain of the *Chiroteuthis picteti* squid, and reclassification of two *Hoyosella* species as *Lolliginicoccus suaedae* comb. nov. and *Lolliginicoccus lacisalsi* comb. nov.. **2023**, 73, ○
- 60 *Metabacillus arenae* sp. nov., isolated from seashore sand. **2023**, 73, ○
- 59 *Natrinema caseinilyticum* sp. nov., *Natrinema gelatinilyticum* sp. nov., *Natrinema marinum* sp. nov., *Natrinema zhouii* sp. nov., extremely halophilic archaea isolated from marine environments and a salt mine. **2023**, 27, ○
- 58 *Parapedobacter tibetensis* sp. nov., isolated from shore soil of saline lake in Tibet of China and its genome mining of secondary metabolite. **2023**, 73, ○
- 57 *Streptomyces longhuiensis* sp. nov, a novel species isolated from soil of *Lilium brownii* in Hunan Province, PR China. **2023**, 73, ○
- 56 *Membranihabitans maritimus* sp. nov., a marine bacterium isolated from deep seawater. **2023**, 73, ○
- 55 Genome-wide association study in two-row spring barley landraces identifies QTL associated with plantlets root system architecture traits in well-watered and osmotic stress conditions. 14, ○
- 54 *Flavobacterium pygoscelis* sp. nov., isolated from a chinstrap penguin chick (*Pygoscelis antarcticus*). **2023**, 73, ○
- 53 *Alcanivorax xiamenensis* sp. nov., a novel marine hydrocarbonoclastic bacterium isolated from surface seawater. **2023**, 73, ○
- 52 *Roseomonas fluvialis* sp. nov., an aerobic bacteriochlorophyll a-containing freshwater bacterium isolated from river epilithic biofilm. **2023**, 73, ○
- 51 DNA Barcoding and Sequence Analysis of the cpDNA *rbcl* Region in Some *Pyrus communis* L. (Rosaceae) Genotypes from Ardahan/Türkiye. ○
- 50 Use of bacterial binder in repair mortar for micro-crack remediation. **2023**, 107, 3113-3127 ○
- 49 Control of tomato southern blight caused by *Athelia rolfsii* (syn. *Sclerotium rolfsii*) using the soil isolate *Streptomyces sasae* strain GT4041. **2023**, 89, 159-169 ○
- 48 Comprehensive genomic analysis of hypocholesterolemic probiotic *Enterococcus faecium* LR13 reveals unique proteins involved in cholesterol-assimilation. 10, ○
- 47 Mitochondrial DNA reveals shallow population genetic structure in economically important Cyprinid fish *Labeo rohita* (Hamilton, 1822) from South and Southeast Asia. ○

- 46 Identification and genomic analyses of a novel endophytic actinobacterium *Streptomyces endophytica* sp. nov. with potential for biocontrol of yam anthracnose. 14, ○
- 45 *Paenibacillus soyae* sp. nov., isolated from the rhizosphere of soya bean. **2023**, 73, ○
- 44 *Bacteroides rhinocerotis* sp. nov., isolated from the fresh feces of rhinoceros in Beijing Zoo. **2023**, 205, ○
- 43 *Paramecium*: RNA sequence structure phylogenetics. **2023**, 73, ○
- 42 *Spencerozyma pingqiaoensis* sp. nov., a yeast species isolated from the external surface of rice leaves in China. **2023**, 73, ○
- 41 *Parvularcula maris* sp. nov., an algicidal bacterium isolated from seawater. **2023**, 73, ○
- 40 *Limimanicola litoreus* sp. nov., isolated from intertidal sand of the Yellow Sea. **2023**, 73, ○
- 39 Phylogenetic Analysis of the Economically Important Hymenopterans using cytochrome oxidase 1 Enzyme Sequences. **2023**, 20, 109-119 ○
- 38 *Sphingobium nicotianae* sp. nov., isolated from tobacco soil. **2023**, 73, ○
- 37 Investigations and Characterization of Alkaline Protease-Producing *Fermentibacillus* sp. RSCVS-HS3. **2023**, 20, 341-350 ○
- 36 Proposal of *Streptomyces sporoverrucosus* Gause et al. 1983 as a later heterotypic synonym of *Streptomyces goshikiensis* Niida et al. 1966 and an emended description of *Streptomyces goshikiensis*. ○
- 35 *Aurantimonas marianensis* sp. nov., isolated from deep-sea sediment of the Mariana Trench. **2023**, 73, ○
- 34 Valorization of Wastewater from the Beverage Industry for Polyhydroxyalkanoate Production with Its Improved Applicability to Agricultural Use. **2023**, 234, ○
- 33 *Vibrio paucivorans* sp. nov. and *Vibrio qingdaonensis* sp. nov., two marine bacteria. **2023**, 73, ○
- 32 Sorting of persistent morphological polymorphisms links paleobiological pattern to population process. ○
- 31 *Sphaerisporangium perillae* sp. nov., isolated from the root of *Perilla frutescens* (Linn.) Britt. **2023**, 73, ○
- 30 *Mumia quercus* sp. nov., isolated from the root of *Quercus variabilis*. **2023**, 73, ○
- 29 *Arthrobacter caoxuetaonis* sp. nov., *Arthrobacter zhangbolii* sp. nov. and *Arthrobacter gengyunqii* sp. nov., isolated from *Marmota himalayana* faeces from Qinghai-Tibet Plateau. **2023**, 73, ○

- 28 *Paraflavisolibacter caeni* gen. nov., sp. nov., a novel taxon within the family Chitinophagaceae isolated from sludge. **2023**, 73, ○
- 27 Efficient and Robust Search of Microbial Genomes via Phylogenetic Compression. ○
- 26 A comprehensive genomic analysis provides insights on the high environmental adaptability of *Acinetobacter* strains. 14, ○
- 25 Genome-wide identification and functional analysis of denitrosylases (S-nitrosoglutathione reductases and NADPH-dependent thioredoxin reductases) in *Brassica juncea*. ○
- 24 Whole-genome sequencing of *Paracoccus* species isolated from the healthy human eye and description of *Paracoccus shanxieyensis* sp. nov. **2023**, 73, ○
- 23 Evolution and expression analysis of the caffeoyl-CoA 3-O-methyltransferase (CCoAOMT) gene family in jute (*Corchorus L.*). **2023**, 24, ○
- 22 Outbreak report of polymyxin-carbapenem-resistant *Klebsiella pneumoniae* causing untreatable infections evidenced by synergy tests and bacterial genomes. **2023**, 13, ○
- 21 C-phycoerythrin production from *Anabaena* sp. BTA 903: Optimization, production kinetics, thermodynamic, and stability analysis. ○
- 20 Genome-based reclassification of *Picrophilus torridus* Zillig et al. 1996 as a later heterotypic synonym of *Picrophilus oshimae* Schleper et al. 1996. **2023**, 73, ○
- 19 *Aridibaculum aurantiacum* gen. nov., sp. nov., isolated from the Kumtag Desert soil. **2023**, 73, ○
- 18 Using DNA barcodes to test the association of sexes and morphs in *Calodesma* spp. (Lepidoptera, Erebiidae, Arctiinae, Arctiini, Pericopina) of Trinidad, West Indies, with an overview of the genus, taxonomic changes and a new species. **2023**, 5270, 231-261 ○
- 17 On parsimony and clustering. 9, e1339 ○
- 16 The prevalence and molecular detection of bovine cysticercosis and its impact on slaughtered cattle in Egypt. ○
- 15 *Spirosoma oryzicola* sp. nov., isolated from dried rice husk. **2023**, 73, ○
- 14 Resistance screening and in silico characterization of cloned novel RGA from multi-race resistant lentil germplasm against *Fusarium wilt* (*Fusarium oxysporum* f. sp. *lentis*). 14, ○
- 13 Red biocolorant from endophytic *Talaromyces minnesotensis*: production, properties, and potential applications. ○
- 12 *Tahibacter harae* sp. nov., isolated from pig farm soil in Guangdong, PR China. **2023**, 73, ○
- 11 *Streptomyces beihaiensis* sp. nov., a chitin-degrading actinobacterium, isolated from shrimp pond soil. **2023**, 73, ○

- 10 *Vitis vinifera* genotyping toolbox to highlight diversity and germplasm identification. 14, ○
- 9 *Alteromonas salexigens* sp.nov., isolated from coastal seawater. ○
- 8 *Sellimonas catena* sp. nov., isolated from human faeces. **2023**, 73, ○
- 7 *Salinimicrobium profundisediminis* sp. nov., isolated from deep-sea sediment of the Mariana Trench. **2023**, 73, ○
- 6 An antagonist of *Caenorhabditis elegans* controls root-knot disease and promotes tomato plant growth. 1-13 ○
- 5 NLRP7 participates in the human subcortical maternal complex and its variants cause female infertility characterized by early embryo arrest. ○
- 4 *Leucobacter allii* sp. nov. and *Leucobacter rhizosphaerae* sp. nov., isolated from rhizospheres of onion and garlic, respectively. **2023**, 73, ○
- 3 Tween-80 enhanced biodegradation of naphthalene by *Klebsiella quasipneumoniae*. ○
- 2 *Antribacter soli* sp. nov., a novel actinobacterium isolated from soils of weathering dolomite. **2023**, 73, ○
- 1 *Clostridium aromativorans* sp. nov., isolated from pit mud used for producing Wuliangye baijiu. ○