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Mathematical model for studying genetic variation in terms of restriction endonucleases

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| 2190 | Mitochondrial DNA clones and matriarchal phylogeny within and among geographic populations of the pocket gopher, <i>Geomys pinetis</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1979</b> , 76, 6694-8         | 11.5 | 256       |
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| 1008 | Occurrence of <i>Kabatina juniperi</i> in Ontario and genetic analysis using RAPD markers. <b>2000</b> , 22, 79-88   | 4   |
| 1007 | Differences between <i>Pagrus major</i> and <i>Pagrus auratus</i> through mainly mtDNA control region analysis. <b>2000</b> , 66, 9-18   | 42  |
| 1006 | Genetic structure and colonizing success of a clonal, weedy species, <i>Pilosella officinarum</i> (Asteraceae). <b>2000</b> , 84 ( Pt 4), 401-9  | 55  |
| 1005 | Genetic diversity of Chilean and Brazilian <i>alstroemeria</i> species assessed by AFLP analysis. <b>2000</b> , 84 ( Pt 5), 564-9  | 35  |
| 1004 | Genetic variation in natural populations of <i>mat*(Ilex paraguariensis</i> A. st.-hil., aquifoliaceae) using RAPD markers. <b>2000</b> , 84 ( Pt 6), 647-56   | 37  |

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| 1002 | Population structure of the pestiferous moth <i>Helicoverpa armigera</i> in the eastern Mediterranean using RAPD analysis. <b>2000</b> , 85 Pt 3, 251-6                                      | 53 |
| 1001 | Assessment of genetic variability in a traditional cassava ( <i>Manihot esculenta</i> Crantz) farming system, using AFLP markers. <b>2000</b> , 85 Pt 3, 219-30                              | 74 |
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| 996  | Analyses of RAPD data for detection of host specialization in <i>Sclerotinia homoeocarpa</i> . <b>2000</b> , 49, 269-275   | 8  |
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| 994  | Effects of forest fragmentation on genetic variation in endemic understory forest birds in central Madagascar. <b>2000</b> , 141, 152  | 2  |
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| 971 | ITS sequences and mitochondrial DNA polymorphism in <i>Pisolithus</i> isolates. <b>2000</b> , 104, 911-918   | 22  |
| 970 | Genetic relationships of pathogenic <i>Typhula</i> species assessed by RAPD, ITS-RFLP and ITS sequencing. <b>2000</b> , 104, 16-22   | 22  |
| 969 | Genetic diversity in populations of <i>Uncinula necator</i> : comparison of RFLP- and PCR-based approaches. <b>2000</b> , 104, 44-52   | 30  |
| 968 | Genetic structure of newly established populations of <i>Cryphonectria parasitica</i> . <b>2000</b> , 104, 1108-1116   | 51  |

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| 966 | Prevalence and diversity of <i>Aeromonas</i> and <i>Vibrio</i> spp. in coastal waters of Southern Italy. <b>2000</b> , 23, 53-72  | 44 |
| 965 | Genetic diversity in Indonesian shallot ( <i>Allium cepa</i> var. <i>ascalonicum</i> ) and <i>Allium</i> <i>wakegi</i> revealed by RAPD markers and origin of <i>A. wakegi</i> identified by RFLP analyses of amplified chloroplast genes. <b>2000</b> , 111, 23-31 | 14 |
| 964 | Inter simple sequence repeat analysis of genetic relationships in the genus <i>Vigna</i> . <b>2000</b> , 111, 47-55   | 75 |
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| 944 | Application of microsatellites in wheat ( <i>Triticum aestivum</i> L.) for studying genetic differentiation caused by selection for adaptation and use. <b>2000</b> , 100, 242-248   | 80  |
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| 912 | Phylogenetic analysis under reticulate evolution. <b>2000</b> , 17, 897-907   | 46  |
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| 864 | Altitudinal Genetic Differentiation and Diversity of Taiwan Lily ( <i>Lilium longiflorum</i> var. <i>formosanum</i> ; Liliaceae) Using RAPD Markers and Morphological Characters. <b>2001</b> , 162, 287-295 | 40  |
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| 862 | Use of RAPD markers for the study of microbial community similarity from termite mounds and tropical soils. <b>2001</b> , 33, 417-427  | 21  |
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| 860 | Nuclear- and chloroplast-microsatellite variation in A-genome species of rice. <b>2001</b> , 44, 658-666   | 72  |

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| 859 | Two genetically Divergent Groups in the Japanese Spined Loach, <i>Cobitis takatsuensis</i> , and Their Phylogenetic Relationships among Japanese <i>Cobitis</i> Inferred from Mitochondrial DNA Analyses. <b>2001</b> , 18, 249-259 | 17  |
| 858 | On the origin and systematics of the northern African wood mouse ( <i>Apodemus sylvaticus</i> ) populations: a comparative study of mtDNA restriction patterns. <b>2001</b> , 79, 1503-1511   | 14  |
| 857 | Biogeography of <i>Asterias</i> : North Atlantic climate change and speciation. <b>2001</b> , 201, 95-103   | 55  |
| 856 | Dispersal Pattern of Black-Billed Magpies ( <i>Pica hudsonia</i> ) Measured by Molecular Genetic (RAPD) Analysis. <b>2001</b> , 118, 137-146  |     |
| 855 | Diversity and Origin of Andean Landraces of Common Bean. <b>2001</b> , 41, 854-862  | 131 |
| 854 | Genetic variability in Brazilian populations of <i>Biomphalaria straminea</i> complex detected by simple sequence repeat anchored polymerase chain reaction amplification. <b>2001</b> , 96, 535-44                                 | 15  |
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| 852 | Utility of RAPD Markers in Evaluating the Status of the Hawaiian Tree Fern <i>Cibotium x heleniae</i> . <b>2001</b> , 55, 145-155   | 3   |
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| 850 | Gestions locales et dynamiques rgionales de la diversitvaritale du manioc en Amazonie. <b>2001</b> , 33, S465  | 20  |
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| 843 | Polymorphism of the polyketide synthase gene <i>phlD</i> in biocontrol fluorescent <i>Pseudomonads</i> producing 2,4-diacetylphloroglucinol and comparison of <i>PhlD</i> with plant polyketide synthases. <b>2001</b> , 14, 639-52 | 63  |
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| 841 | Population Structure of <i>Botryosphaeria dothidea</i> from Pistachio and Other Hosts in California. <b>2001</b> , 91, 665-72  | 44  |
| 840 | RAPD, RFLP and SSLP analyses of phylogenetic relationships between cultivated and wild species of rice. <b>2001</b> , 76, 71-9   | 46  |
| 839 | Nucleotide sequence variation of the chloroplast trnK/matK region in two wild <i>Fagopyrum</i> ( <i>Polygonaceae</i> ) species, <i>F. leptopodum</i> and <i>F. statice</i> . <b>2001</b> , 76, 39-46                                   | 24  |
| 838 | Comparison of statistical methods for identification of <i>Streptococcus thermophilus</i> , <i>Enterococcus faecalis</i> , and <i>Enterococcus faecium</i> from randomly amplified polymorphic DNA patterns. <b>2001</b> , 67, 2156-66 | 20  |
| 837 | DNA variation in the 5' upstream region of the Adh locus of the wild plants <i>Arabidopsis thaliana</i> and <i>Arabis gemmifera</i> . <b>2001</b> , 18, 164-71   | 28  |
| 836 | IDENTIFICATION OF APOMICTIC PLANTS IN <i>ROSA HYBRIDA</i> L. BY AFLPs. <b>2001</b> , 51-55   |     |
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| 833 | A genetic bottleneck in the evolution under domestication of upland cotton <i>Gossypium hirsutum</i> L. examined using DNA fingerprinting. <b>2001</b> , 103, 547-554  | 137 |
| 832 | Post-glacial population history and genetic structure of the northern clingfish ( <i>Gobiosox maeandricus</i> ), revealed from mtDNA analysis. <b>2001</b> , 138, 407-419  | 43  |
| 831 | Allozyme and mitochondrial DNA variation in Cuban populations of the shrimp <i>Farfantepenaeus notialis</i> (Crustacea: Decapoda). <b>2001</b> , 138, 701-707  | 30  |
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| 829 | RAPD discrimination of <i>Agaricus bisporus</i> mushroom cultivars. <b>2001</b> , 55, 742-9  | 27  |
| 828 | Mitochondrial DNA variation in Eritrean hamadryas baboons ( <i>Papio hamadryas hamadryas</i> ): life history influences population genetic structure. <b>2001</b> , 50, 483-492  | 49  |
| 827 | Isolation and identification of the most efficient plant growth-promoting bacteria associated with canola ( <i>Brassica napus</i> ). <b>2001</b> , 33, 152-156   | 116 |
| 826 | Transferability of wheat microsatellites to diploid <i>Triticeae</i> species carrying the A, B and D genomes. <b>2001</b> , 103, 346-352   | 95  |
| 825 | Potential of microsatellites to distinguish four races of <i>Fusarium oxysporum</i> f. sp. <i>ciceri</i> prevalent in India. <b>2001</b> , 102, 138-147  | 41  |
| 824 | AFLP-based genetic diversity assessment amongst agronomically important natural and some newly synthesized lines of <i>Brassica juncea</i> . <b>2001</b> , 102, 193-199  | 72  |

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| 823 | Microsatellites and RFLP probes from maize are efficient sources of molecular markers for the biomass energy crop <i>Miscanthus</i> . <b>2001</b> , 102, 616-622  | 64 |
| 822 | Inter-MITE polymorphisms (IMP): a high throughput transposon-based genome mapping and fingerprinting approach. <b>2001</b> , 102, 773-781   | 57 |
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| 819 | Molecular taxonomy of <i>Vicia</i> ser. <i>Vicia</i> based on Amplified Fragment Length Polymorphisms. <b>2001</b> , 229, 91-105  | 19 |
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| 816 | Genetic diversity and molecular markers of cupped oysters (genera <i>Crassostrea</i> , <i>Caccostrea</i> , and <i>Striostrea</i> ) in Thailand revealed by randomly amplified polymorphic DNA analysis. <b>2001</b> , 3, 133-44 | 18 |
| 815 | <i>Eimeria</i> parasites of domestic fowl: genetic relationships of different isolates estimated from random amplified polymorphic DNA. <b>2001</b> , 87, 459-66  | 16 |
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| 813 | Phylogenetic relationships among pufferfish of genus <i>Takifugu</i> by RAPD analysis. <b>2001</b> , 19, 128-134  | 6  |
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| 807 | Inter-simple sequence repeat (ISSR) diversity within <i>Monarda fistulosa</i> var. <i>brevis</i> (Lamiaceae) and divergence between var. <i>brevis</i> and var. <i>fistulosa</i> in West Virginia. <b>2001</b> , 53, 511-518    | 7  |
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| 803 | Geographical patterns of genetic variation in two species of <i>Stylosanthes</i> Sw. using amplified fragment length polymorphism. <b>2001</b> , 10, 1947-58   | 23  |
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| 786 | Molecular evaluation of microbial diversity occurring in different types of Mozzarella cheese. <b>2001</b> , 90, 414-20  | 111 |
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| 768 | Analysis of loquat germplasm ( <i>Eriobotrya japonica</i> Lindl) by RAPD molecular markers. <b>2001</b> , 121, 25-29   | 33 |
| 767 | Hedysarum phylogeny mediated by RFLP analysis of nuclear ribosomal DNA [RFLP and Hedysarum phylogeny. <b>2001</b> , 48, 339-345  | 15 |
| 766 | Establishment of Salt Stress Tolerant Rice Plants Through Step Up NaCl Treatment In Vitro. <b>2001</b> , 44, 391-395   | 16 |
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| 762 | Molecular characterisation of cultivars of apple ( <i>Malus domestica</i> Borkh.) using microsatellite (SSR and ISSR) markers. <b>2001</b> , 122, 81-89  | 88 |
| 761 | Geographical differentiation of Asian taro, <i>Colocasia esculenta</i> (L.) Schott, detected by RAPD and isozyme analyses. <b>2001</b> , 122, 219-234  | 19 |
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