

[21] Specific synthesis of DNA in vitro via a polymerase

Methods in Enzymology

155, 335-350

DOI: 10.1016/0076-6879(87)55023-6

Citation Report

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1	Taking control of the polymerase chain reaction. , 0, , 129-152.		0
2	A dot-blot screening procedure for mutated ras oncogenes using synthetic oligodeoxynucleotides. Gene, 1986, 50, 313-320.	2.2	351
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1954	Use of a thin film biosensor for rapid visual detection of PCR products in a multiplex format. Biosensors and Bioelectronics, 2001, 16, 757-763.	10.1	25

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1956	Perspectives on the use of electrospray ionization Fourier transform ion cyclotron resonance mass spectrometry for short tandem repeat genotyping in the post-genome era. <i>Journal of Mass Spectrometry</i> , 2001, 36, 589-606.	1.6	39
1957	Comparison of two total body irradiation fractionation regimens with respect to acute and late pulmonary toxicity. <i>Cancer</i> , 2001, 92, 1949-1958.	4.1	61
1958	Adipogenic potential of human adipose derived stromal cells from multiple donors is heterogeneous. <i>Journal of Cellular Biochemistry</i> , 2001, 81, 312-319.	2.6	232
1959	Molecular Phylogeny of Eastern Pacific Porcelain Crabs, Genera <i>Petrolisthes</i> and <i>Pachycheles</i> , Based on the mtDNA 16S rDNA Sequence: Phylogeographic and Systematic Implications. <i>Molecular Phylogenetics and Evolution</i> , 2001, 19, 236-245.	2.7	84
1960	Recombinant Phycobiliproteins. <i>Analytical Biochemistry</i> , 2001, 290, 186-204.	2.4	72
1961	Comparison of Competitively Primed and Conventional Allele-Specific Nucleic Acid Amplification. <i>Analytical Biochemistry</i> , 2001, 292, 207-215.	2.4	11
1962	Major histocompatibility complex class II polymorphisms in <i>Macaca mulatta</i> : factors influencing comprehensive genotyping of <i>Macaca mulatta</i> (Mamu)-DQA1 alleles by PCR-RFLP in archival samples. <i>American Journal of Physical Anthropology</i> , 2001, 116, 296-301.	2.1	1
1963	PCR Amplification and Sequencing of Single Copy DNA Molecules. <i>Single Molecules</i> , 2001, 2, 13-21.	0.9	17
1964	Application of molecular techniques to studies in <i>Rhizobium</i> ecology: a review. <i>Australian Journal of Experimental Agriculture</i> , 2001, 41, 299.	1.0	38
1965	Title is missing!. <i>Plant Cell, Tissue and Organ Culture</i> , 2001, 65, 37-44.	2.3	48
1966	<i>Cuniculitrema polymorpha</i> (Tremellales, gen. nov. and sp. nov.), a heterobasidiomycete vectored by bark beetles, which is the teleomorph of <i>Sterigmatosporidium polymorphum</i> . <i>Antonie Van Leeuwenhoek</i> , 2001, 80, 149-161.	1.7	34
1967	<i>Bacillus subtilis</i> contains a cyclodextrin-binding protein which is part of a putative ABC-transporter. <i>FEMS Microbiology Letters</i> , 2001, 204, 55-60.	1.8	29
1968	Fluidics and sample handling in clinical chemical analysis. <i>Analytica Chimica Acta</i> , 2001, 429, 1-18.	5.4	85
1969	Sequence analysis of the DRB1 promoter reveals limited polymorphism with no influence on gene expression. <i>Genes and Immunity</i> , 2001, 2, 211-215.	4.1	4
1970	Accessing genetic variation: genotyping single nucleotide polymorphisms. <i>Nature Reviews Genetics</i> , 2001, 2, 930-942.	16.3	950
1971	Quantitative analysis of specific mRNA species in minute cell samples by RT-PCR and flow cytometry. <i>Journal of Immunological Methods</i> , 2001, 249, 223-233.	1.4	2
1972	HLA class II antigens positively and negatively associated with hepatosplenic schistosomiasis in a Chinese population. <i>International Journal for Parasitology</i> , 2001, 31, 674-680.	3.1	29



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1974	Phylogenetic relationships in Auriculariales and related groups—hypotheses derived from nuclear ribosomal DNA sequences. <i>Mycological Research</i> , 2001, 105, 403-415.	2.5	154
1975	Fructose-6-phosphate Aldolase Is a Novel Class I Aldolase from <i>Escherichia coli</i> and Is Related to a Novel Group of Bacterial Transaldolases. <i>Journal of Biological Chemistry</i> , 2001, 276, 11055-11061.	3.4	173
1976	Characterization of Mutations in the <i>metY</i> - <i>nusA</i> - <i>infB</i> Operon That Suppress the Slow Growth of a $\hat{\imath}$ rimM Mutant. <i>Journal of Bacteriology</i> , 2001, 183, 6095-6106.	2.2	23
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1978	Role of Cysteiny Residues in Sensing Pb(II), Cd(II), and Zn(II) by the Plasmid pI258 CadC Repressor. <i>Journal of Biological Chemistry</i> , 2001, 276, 14955-14960.	3.4	51
1979	Genetic Control of Neuroadapted Sindbis Virus Replication in Female Mice Maps to Chromosome 2 and Associates with Paralysis and Mortality. <i>Journal of Virology</i> , 2001, 75, 8674-8680.	3.4	20
1980	Early Cell Cycle Box-Mediated Transcription of CLN3 and SWI4 Contributes to the Proper Timing of the G 1 -to-S Transition in Budding Yeast. <i>Molecular and Cellular Biology</i> , 2001, 21, 4140-4148.	2.3	49
1981	Hybrid Protein between Ribosomal Protein S16 and RimM of <i>Escherichia coli</i> Retains the Ribosome Maturation Function of Both Proteins. <i>Journal of Bacteriology</i> , 2001, 183, 5352-5357.	2.2	11
1982	NadN and e (P4) Are Essential for Utilization of NAD and Nicotinamide Mononucleotide but Not Nicotinamide Riboside in <i>Haemophilus influenzae</i> . <i>Journal of Bacteriology</i> , 2001, 183, 3974-3981.	2.2	71
1983	SJL/J Mice Are Highly Susceptible to Infection by Mouse Adenovirus Type 1. <i>Journal of Virology</i> , 2001, 75, 12039-12046.	3.4	41
1984	Detection of minimal residual disease. <i>Advances in Cancer Research</i> , 2001, 82, 133-185.	5.0	48
1985	DNA Sequencing at Elevated Temperature by Capillary Electrophoresis. , 2001, 163, 289-308.		3
1986	A phylogenetic evaluation of a biosystematic framework: <i>Brodiaea</i> and related petaloid monocots (Themidaceae). <i>American Journal of Botany</i> , 2002, 89, 1342-1359.	1.7	42
1987	Historical biogeography and the origin of stomatal distributions in <i>Banksia</i> and <i>Dryandra</i> (Proteaceae) based on their cpDNA phylogeny. <i>American Journal of Botany</i> , 2002, 89, 1311-1323.	1.7	96
1988	Rapid Microscale Enzymic Semisynthesis of Epidermal Growth Factor (EGF) Analogues. <i>Growth Factors</i> , 2002, 20, 71-80.	1.7	5
1989	Molecular Markers Distinguish Coastal Cutthroat Trout from Coastal Rainbow Trout/Steelhead and Their Hybrids. <i>Transactions of the American Fisheries Society</i> , 2002, 131, 404-417.	1.4	42
1990	A review of DNA sequencing techniques. <i>Quarterly Reviews of Biophysics</i> , 2002, 35, 169-200.	5.7	188



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1992	Two Mutations in Extracellular Loop 2 of the Human GnRH Receptor Convert an Antagonist to an Agonist. Molecular Endocrinology, 2002, 16, 1079-1088.	3.7	39
1993	Nucleic Acid Probes and the Polymerase Chain Reaction. , 2002, , 549-558.		1
1994	Shewanella denitrificans sp. nov., a vigorously denitrifying bacterium isolated from the oxic-anoxic interface of the Gotland Deep in the central Baltic Sea.. International Journal of Systematic and Evolutionary Microbiology, 2002, 52, 2211-2217.	1.7	49
1995	EARLY TERTIARY OUT-OF-INDIA DISPERSAL OF CRYPTERONACEAE: EVIDENCE FROM PHYLOGENY AND MOLECULAR DATING. Evolution; International Journal of Organic Evolution, 2002, 56, 1931.	2.3	56
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1998	Molecular Diagnostics for Infectious Disease. , 2002, 7, 64-69.		1
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2000	PCR-Based Sensitive Detection of Medicinal Fungi Hericium Species from Ribosomal Internal Transcribed Spacer (ITS) Sequences.. Biological and Pharmaceutical Bulletin, 2002, 25, 975-980.	1.4	24
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2010	Functional expression of the FeMo-cofactor-specific biosynthetic genes nifEN as a NifE-N fusion protein synthesizing unit in <i>Azotobacter vinelandii</i> . <i>Biochemical and Biophysical Research Communications</i> , 2002, 299, 233-240.	2.1	8
2011	A novel phospholipase A2 from the venom glands of <i>Bungarus candidus</i> : cloning and sequence-comparison. <i>Toxicon</i> , 2002, 40, 1363-1367.	1.6	10
2012	Molecular diagnosis of fish and shellfish diseases: present status and potential use in disease control. <i>Aquaculture</i> , 2002, 206, 19-55.	3.5	69
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2014	A novel three primers PCR (TP-PCR) method to obtain re-combinant DNA molecule independent of restriction enzyme. <i>Science Bulletin</i> , 2002, 47, 2067.	1.7	1
2015	Assessment of otocephalan and protacanthopterygian concepts in the light of multiple molecular phylogenies. <i>Comptes Rendus - Biologies</i> , 2002, 325, 1191-1207.	0.2	26
2016	PNA for rapid microbiology. <i>Journal of Microbiological Methods</i> , 2002, 48, 1-17.	1.6	159
2017	Real-time PCR in virology. <i>Nucleic Acids Research</i> , 2002, 30, 1292-1305.	14.5	1,041
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2021	<i>Tistrella mobilis</i> gen. nov., sp. nov., a novel polyhydroxyalkanoate-producing bacterium belonging to .ALPHA.-Proteobacteria.. <i>Journal of General and Applied Microbiology</i> , 2002, 48, 335-343.	0.7	48
2022	Microdissection and Molecular Analysis of Single Cells or Small Cell Clusters in Pathology and Diagnosis â€” Significance and Challenges. <i>Analytical Cellular Pathology</i> , 2002, 24, 125-134.	2.1	10
2023	A phylogeny inferred from large-subunit (26S) ribosomal DNA sequences suggests that the family Dasypogonaceae is closely aligned with the Restionaceae allies. <i>Australian Systematic Botany</i> , 2002, 15, 749.	0.9	7
2024	The gene: The polymerase chain reaction and its clinical application. <i>Journal of Oral and Maxillofacial Surgery</i> , 2002, 60, 808-815.	1.2	27
2025	How useful are the genetic markers in attempts to understand and manage marine biodiversity?. <i>Journal of Experimental Marine Biology and Ecology</i> , 2002, 268, 121-145.	1.5	133
2026	PCR as a diagnostic tool for brucellosis. <i>Veterinary Microbiology</i> , 2002, 90, 435-446.	1.9	205

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2028	Ancient DNA in anthropology: Methods, applications, and ethics. <i>American Journal of Physical Anthropology</i> , 2002, 119, 92-130.	2.1	137
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2031	A chimeric open reading frame associated with cytoplasmic male sterility in alloplasmic wheat with <i>Triticum timopheevi</i> mitochondria is present in several <i>Triticum</i> and <i>Aegilops</i> species, barley, and rye. <i>Current Genetics</i> , 2002, 41, 357-366.	1.7	36
2032	Tailoring the gas-phase dissociation and determining the relative energy of activation for dissociation of 7-deaza purine modified oligonucleotides containing a repeating motif. <i>International Journal of Mass Spectrometry</i> , 2002, 219, 139-150.	1.5	26
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2035	Phylogeny of Antarctic dragonfishes (Bathydraconidae, Notothenioidei, Teleostei) and related families based on their anatomy and two mitochondrial genes. <i>Molecular Phylogenetics and Evolution</i> , 2002, 24, 139-152.	2.7	50
2036	NADP and NAD utilization in <i>Haemophilus influenzae</i> . <i>Molecular Microbiology</i> , 2002, 35, 1573-1581.	2.5	53
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2039	Molecular biological approaches to neurological disorders including knockout and transgenic mouse models. <i>Neuropathology</i> , 2002, 22, 337-349.	1.2	9
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2041	Nucleic acid amplification technology methods used in blood donor screening. <i>Transfusion Medicine</i> , 2002, 12, 229-242.	1.1	32
2042	Genetic variability and phylogeographical patterns of a nonindigenous species invasion: a comparison of exotic vs. native zebra and quagga mussel populations. <i>Journal of Evolutionary Biology</i> , 2002, 15, 314-328.	1.7	82
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2046	Identification of <i>Nocardia restricta</i> in biodegraded sandstone monuments by PCR and nested-PCR DNA amplification. <i>FEMS Microbiology Ecology</i> , 2002, 39, 85-89.	2.7	14
2047	EARLY TERTIARY OUT-OF-INDIA DISPERSAL OF CRYPTERONIACEAE: EVIDENCE FROM PHYLOGENY AND MOLECULAR DATING. <i>Evolution; International Journal of Organic Evolution</i> , 2002, 56, 1931-1942.	2.3	159
2048	Evolution of antibodies for environmental monitoring: from mice to plants. <i>Analytica Chimica Acta</i> , 2002, 468, 185-197.	5.4	12
2049	Two-Stage Polymerase Chain Reaction Protocol Allowing Introduction of Multiple Mutations, Deletions, and Insertions, Using QuikChange™ Site-Directed Mutagenesis. , 2002, 182, 37-43.		65
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2051	MEMS for Bio-Assays. <i>Biomedical Microdevices</i> , 2002, 4, 77-87.	2.8	10
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2053	Drift of tetM determinant in urogenital microbiocenosis containing mycoplasmas during treatment with a tetracycline antibiotic. <i>Bulletin of Experimental Biology and Medicine</i> , 2002, 134, 60-63.	0.8	7
2054	Theoretical consideration of amplification strategies. <i>Neurochemical Research</i> , 2002, 27, 1123-1131.	3.3	6
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2064	The ATPase ClpX is conditionally involved in the morphological differentiation of <i>Streptomyces lividans</i> . <i>Molecular Genetics and Genomics</i> , 2003, 268, 563-569.	2.1	18
2065	A PCR/RFLP technique to characterize fungal species in <i>Eucalyptus grandis</i> Hill ex. Maiden ectomycorrhizas. <i>Mycorrhiza</i> , 2003, 13, 101-105.	2.8	3
2066	Morphological and molecular phylogenetic studies in South American <i>Cortinarius</i> species. <i>Mycological Research</i> , 2003, 107, 1143-1156.	2.5	40
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2077	Protein micro- and macroarrays: digitizing the proteome. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2003, 787, 19-27.	2.3	55
2078	Use of polymerase chain reaction to detect the soft rot pathogen, <i>Pythium myriotylum</i> , in infected ginger rhizomes. <i>Letters in Applied Microbiology</i> , 2003, 36, 116-120.	2.2	46
2079	Patterns of septal biomineralization in Scleractinia compared with their 28S rRNA phylogeny: a dual approach for a new taxonomic framework. <i>Zoologica Scripta</i> , 2003, 32, 459-473.	1.7	90
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2082	Non-microbial etiology: foreign body reaction maintaining post-treatment apical periodontitis. <i>Endodontic Topics</i> , 2003, 6, 114-134.	0.5	37
2083	Trends in microarray analysis. <i>Nature Medicine</i> , 2003, 9, 140-145.	30.7	254
2084	Supercritical branching processes and the role of fluctuations under exponential population growth. <i>Journal of Theoretical Biology</i> , 2003, 225, 497-505.	1.7	1
2085	DNA extraction from olive oil and its use in the identification of the production cultivar. <i>Food Chemistry</i> , 2003, 83, 127-134.	8.2	115
2086	Applications of DNA-based assays in blood group antigen and antibody identification. <i>Transfusion</i> , 2003, 43, 1748-1757.	1.6	61
2087	Molecular genetic testing for prenatal diagnosis. <i>Clinics in Laboratory Medicine</i> , 2003, 23, 481-502.	1.4	6
2088	A Short History of the Polymerase Chain Reaction. , 2003, 226, 3-6.		185
2089	The Mutation Process of Microsatellites During the Polymerase Chain Reaction. <i>Journal of Computational Biology</i> , 2003, 10, 143-155.	1.6	16
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2091	Phylogeny of the rust fungi: an approach using nuclear large subunit ribosomal DNA sequences. <i>Canadian Journal of Botany</i> , 2003, 81, 12-23.	1.1	139
2092	Implications of Hydrophobicity and Free Energy of Solvation for Characterization of Nucleic Acids by Electrospray Ionization Mass Spectrometry. <i>Analytical Chemistry</i> , 2003, 75, 1331-1339.	6.5	74
2093	Photosensitized inactivation of T7 phage as surrogate of non-enveloped DNA viruses: efficiency and mechanism of action. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2003, 1624, 115-124.	2.4	29
2094	The Mitochondrial Genomics of Parasitic Nematodes of Socio-Economic Importance: Recent Progress, and Implications for Population Genetics and Systematics. <i>Advances in Parasitology</i> , 2003, 56, 133-212.	3.2	93
2095	Dendrimeric Supramolecular and Supramacromolecular Assemblies. <i>Journal of Macromolecular Science - Reviews in Macromolecular Chemistry and Physics</i> , 2003, 43, 411-477.	2.2	37
2096	Molecular Amplification Assays for the Detection of Flaviviruses. <i>Advances in Virus Research</i> , 2003, 61, 67-99.	2.1	81
2097	Use of molecular techniques for the detection of antibiotic resistance in bacteria. <i>Expert Review of Molecular Diagnostics</i> , 2003, 3, 93-103.	3.1	12
2098	Repeatability of clades as a criterion of reliability: a case study for molecular phylogeny of Acanthomorpha (Teleostei) with larger number of taxa. <i>Molecular Phylogenetics and Evolution</i> , 2003, 26, 262-288.	2.7	307

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