

Nonisotopic in situ hybridization and plant genome ma

Genome

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Metaphase and interphase fluorescence in situ hybridization mapping of the rice genome with bacterial artificial chromosomes.. Proceedings of the National Academy of Sciences of the United States of America, 1995, 92, 4487-4491.	7.1	369
2	Cytologically based physical maps of the group-2 chromosomes of wheat. Theoretical and Applied Genetics, 1995, 91, 568-573.	3.6	105
3	Identification of the parental chromosomes of the wheat“alien amphiploid Agrotana by genomic in situ hybridization. Genome, 1995, 38, 1163-1169.	2.0	54
4	Fluorescent in situ hybridization of a bacterial artificial chromosome. Genome, 1995, 38, 646-651.	2.0	107
5	Refined physical mapping of the Sec-1 locus on the satellite of chromosome 1R of rye (Secale cereale). Genome, 1995, 38, 889-893.	2.0	36
6	The use of double fluorescence in situ hybridization to physically map the positions of 5S rDNA genes in relation to the chromosomal location of 18S“5.8S“26S rDNA and a C genome specific DNA sequence in the genus <i>Avena</i> . Genome, 1996, 39, 535-542.	2.0	111
7	Chromosomes Today. , 1996, , .		0
8	Chromosome ?painting? in plants ? a feasible technique?. Chromosoma, 1996, 104, 315-320.	2.2	72
9	High-resolution mapping on pachytene chromosomes and extended DNA fibres by fluorescencein-situ hybridisation. Plant Molecular Biology Reporter, 1996, 14, 232-242.	1.8	102
10	Interphase fluorescence in situ hybridization mapping: a physical mapping strategy for plant species with large complex genomes. Molecular Genetics and Genomics, 1996, 252, 497-502.	2.4	72
11	The use of combined FISH/GISH in conjunction with DAPI counterstaining to identify chromosomes containing transgene inserts in amphidiploid tobacco. Chromosoma, 1996, 105, 321-326.	2.2	4
12	The use of combined FISH/GISH in conjunction with DAPI counterstaining to identify chromosomes containing transgene inserts in amphidiploid tobacco. Chromosoma, 1996, 105, 231-236.	2.2	134
13	Characterisation of the double genome structure of modern sugarcane cultivars (Saccharum spp.) by molecular cytogenetics. Molecular Genetics and Genomics, 1996, 250, 405-413.	2.4	343
14	Preparation of tomato meiotic pachytene and mitotic metaphase chromosomes suitable for fluorescencein situ hybridization (FISH). Chromosome Research, 1996, 4, 24-28.	2.2	142
15	In situ localization of yeast artificial chromosome sequences on tomato and potato metaphase chromosomes. Chromosome Research, 1996, 4, 277-281.	2.2	25
16	Molecular-cytogenetic characterization of a higher plant centromere/kinetochore complex. Theoretical and Applied Genetics, 1996, 93, 477-484.	3.6	20
17	New molecular tools to improve the efficiency of breeding for increased drought resistance. Plant Growth Regulation, 1996, 20, 167-178.	3.4	48
18	Physical mapping of translocation breakpoints in a set of wheat-Aegilops umbellulata recombinant lines using in situ hybridization. Theoretical and Applied Genetics, 1996, 93-93, 816-825.	3.6	27

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19	Successful hybridization between <i>Lolium</i> and <i>Dactylis</i> . <i>Plant Breeding</i> , 1996, 115, 101-105.	1.9	6
20	In Situ Hybridization of Ribosomal DNA to Rose Chromosomes. <i>Journal of Heredity</i> , 1997, 88, 158-161.	2.4	34
21	Physical localisation of repetitive DNA sequences in <i>Alstroemeria</i> : karyotyping of two species with species-specific and ribosomal DNA. <i>Genome</i> , 1997, 40, 652-658.	2.0	38
22	Identification of the entire chromosome complement of bread wheat by two-colour FISH. <i>Genome</i> , 1997, 40, 589-593.	2.0	182
23	Physical and genetical mapping of rDNA sites in <i>Pennisetum</i> (pearl millet). <i>Heredity</i> , 1997, 78, 529-531.	2.6	8
24	Physical mapping of 5S and 18S-26S ribosomal RNA gene families in <i>Allium victorialis</i> var. <i>platyphyllum</i> . <i>Journal of Plant Biology</i> , 1997, 40, 132-137.	2.1	4
25	Molecular cytogenetics of plant genome. <i>Journal of Plant Biology</i> , 1997, 40, 149-155.	2.1	0
26	Induction of small-segment-translocation between wheat and rye chromosomes. <i>Science in China Series C: Life Sciences</i> , 1997, 40, 323-331.	1.3	24
27	In situ hybridization in <i>Actinidia</i> using repeat DNA and genomic probes. <i>Theoretical and Applied Genetics</i> , 1997, 94, 507-513.	3.6	22
28	Homoeologous pairing and recombination in backcross derivatives of tomato somatic hybrids [<i>Lycopersicon esculentum</i> (+) <i>L. peruvianum</i>]. <i>Theoretical and Applied Genetics</i> , 1997, 94, 713-723.	3.6	46
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30	Mapping of repeated DNA sequences in plant chromosomes by PRINS and C-PRINS. <i>Theoretical and Applied Genetics</i> , 1997, 94, 758-763.	3.6	62
31	Molecular cytogenetics of the genes encoding 18s-5.8s-26s rRNA and 5s rRNA in two species of spruce (<i>Picea</i>). <i>Theoretical and Applied Genetics</i> , 1997, 95, 1-9.	3.6	65
32	Molecular cytogenetic analysis of <i>Leymus racemosus</i> chromosomes added to wheat. <i>Theoretical and Applied Genetics</i> , 1997, 95, 1084-1091.	3.6	60
33	Genomic in situ hybridization in <i>Brassica</i> amphidiploids and interspecific hybrids. <i>Theoretical and Applied Genetics</i> , 1997, 95, 1320-1324.	3.6	125
34	Fish technology in chromosome and genome research. <i>BioEssays</i> , 1997, 19, 75-84.	2.5	55
35	Chromosomal localization and distribution of simple sequence repeats and the <i>Arabidopsis</i> -type telomere sequence in the genome of <i>Cicer arietinum</i> L. <i>Chromosome Research</i> , 1998, 6, 97-104.	2.2	41
36	Physical mapping of unique nucleotide sequences on identified rice chromosomes. <i>Plant Molecular Biology</i> , 1998, 38, 1043-1052.	3.9	86

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37	Optimization of PRINS and C-PRINS for detection of telomeric sequences in <i>Vicia faba</i> . <i>Biologia Plantarum</i> , 1998, 41, 177-184.	1.9	11
38	Genome analysis of <i>Thinopyrum intermedium</i> and <i>Thinopyrum ponticum</i> using genomic in situ hybridization. <i>Genome</i> , 1998, 41, 580-586.	2.0	186
39	Characterization of wheat-triticale doubled haploid lines by cytological and biochemical markers. <i>Plant Breeding</i> , 1998, 117, 7-12.	1.9	6
40	Plant cytogenetics at the dawn of the 21st century. <i>Current Opinion in Plant Biology</i> , 1998, 1, 109-115.	7.1	69
41	Physical location of the rice Pi-5(t), Glh and RTSV genes by ISH of BAC clones. <i>Wuhan University Journal of Natural Sciences</i> , 1998, 3, 226-230.	0.4	9
42	Relationship between parental chromosomal contribution and nuclear DNA content in the coffee interspecific hybrid <i>C. pseudozanguebariae</i> — <i>C. liberica</i> var. <i>dewevrei</i> ™. <i>Theoretical and Applied Genetics</i> , 1998, 96, 301-305.	3.6	27
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46	A Method for Fluorescence in Situ Hybridization against Synaptonemal Complex-Associated Chromatin of Plant Meiocytes. <i>Experimental Cell Research</i> , 1998, 239, 179-182.	2.6	14
47	Chromosomal structural rearrangement of <i>Paeonia brownii</i> and <i>P. californica</i> revealed by fluorescence in situ hybridization. <i>Genome</i> , 1998, 41, 848-853.	2.0	22
48	Identification of alien chromosomes in a series of <i>Allium fistulosum</i> . <i>A. cepa</i> monosomic addition lines by means of genomic in situ hybridization.. <i>Genes and Genetic Systems</i> , 1998, 73, 311-315.	0.7	19
49	FISH and RFLP Marker-Assisted Introgression of <i>Festuca mairei</i> Chromosomes into <i>Lolium perenne</i> . <i>Crop Science</i> , 1999, 39, 1676-1679.	1.8	14
50	Physical mapping of ribosomal RNA genes in peonies (<i>Paeonia</i> , <i>Paeoniaceae</i>) by fluorescent in situ hybridization: implications for phylogeny and concerted evolution. <i>American Journal of Botany</i> , 1999, 86, 735-740.	1.7	109
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52	Homoeologous chromosome pairing in the distant hybrid <i>Alstroemeria aurea</i> — <i>A. inodora</i> and the genome composition of its backcross derivatives determined by fluorescence in situ hybridization with species-specific probes. <i>Heredity</i> , 1999, 82, 69-78.	2.6	44
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56	Development of wheat scab symptoms is delayed in transgenic wheat plants that constitutively express a rice thaumatin-like protein gene. Theoretical and Applied Genetics, 1999, 99, 755-760.	3.6	184
57	The extent and position of homoeologous recombination in a distant hybrid of Alstroemeria : a molecular cytogenetic assessment of first generation backcross progenies. Chromosoma, 1999, 108, 52-63.	2.2	29
58	Microdissection and microcloning of rye (Secale cereale L.) chromosome 1R. Chromosoma, 1999, 108, 250-255.	2.2	40
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67	FISH to mitotic chromosomes and extended DNA fibres of Beta procumbens in a series of monosomic additions to beet (B. vulgaris). Chromosome Research, 2000, 8, 285-293.	2.2	14
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93	Fluorescence in situ Hybridization Analysis of Alien Genes in <i>Agrobacterium</i> -mediated Cry1A(b)-transformed Rice. <i>Annals of Botany</i> , 2002, 90, 31-36.	2.9	15
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97	Use of fluorescence in situ hybridization for gross mapping of transgenes and screening for homozygous plants in transgenic barley (<i>Hordeum vulgare</i> L.). <i>Theoretical and Applied Genetics</i> , 2002, 106, 92-100.	3.6	25
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101	Title is missing!. <i>Euphytica</i> , 2002, 127, 227-234.	1.2	9
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105	Genomic organization of rDNA loci in natural populations of <i>Medicago truncatula</i> Gaertn.. <i>Hereditas</i> , 2003, 138, 1-5.	1.4	11
106	Fluorescence in situ hybridization polymorphism using two repetitive DNA clones in different cultivars of wheat. <i>Plant Breeding</i> , 2003, 122, 396-400.	1.9	85
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112	Karyotype analysis of <i>Placa amoena</i> Phil. (Amaryllidaceae) by double fluorescence in situ hybridization. <i>Caryologia</i> , 2004, 57, 200-205.	0.3	11
113	A Chromosome Bin Map of 2148 Expressed Sequence Tag Loci of Wheat Homoeologous Group 7. <i>Genetics</i> , 2004, 168, 687-699.	2.9	68
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115	Genome evolution in allotetraploid <i>Nicotiana</i> . <i>Biological Journal of the Linnean Society</i> , 0, 82, 599-606.	1.6	163
116	The physical Location of Genes <i>cdc2</i> and <i>prh1</i> in Maize (<i>Zea Mays</i> L.). <i>Hereditas</i> , 2004, 126, 211-217.	1.4	18
117	The Physical Location of the Gene <i>Ht1</i> (<i>Helminthosporium Turcium</i> Resistance1) in Maize (<i>Zea Mays</i> L.). <i>Hereditas</i> , 2004, 129, 101-106.	1.4	6
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123	Localization of the 5S and 45S rDNA Sites and cpDNA Sequence Analysis in Species of the <i>Quadrifaria</i> Group of <i>Paspalum</i> (Poaceae, Paniceae). <i>Annals of Botany</i> , 2005, 96, 191-200.	2.9	63
124	Plant Genome Analysis: The State of the Art. <i>International Review of Cytology</i> , 2005, 247, 223-284.	6.2	14
125	Molecular Maps in Cereals: Methodology and Progress. , 2004, , 35-82.		5
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127	Relationships among 3 <i>Kochia</i> species based on PCR-generated molecular sequences and molecular cytogenetics. <i>Genome</i> , 2005, 48, 1104-1115.	2.0	9
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130	Detection of alien chromatin introgression from <i>Thinopyrum</i> into wheat using S genomic DNA as a probe – A landmark approach for <i>Thinopyrum</i> genome research. <i>Cytogenetic and Genome Research</i> , 2005, 109, 350-359.	1.1	66
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133	Sensitive fluorescence <i>in situ</i> hybridization signal detection in maize using directly labeled probes produced by high concentration DNA polymerase nick translation. <i>Biotechnic and Histochemistry</i> , 2006, 81, 71-78.	1.3	147
134	Wheat Genetics Resource Center: The First 25 Years. <i>Advances in Agronomy</i> , 2006, 89, 73-136.	5.2	56
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143	Localization of S Genes on Extended DNA Fibers (EDFs) in <i>Brassica oleracea</i> by High-Resolution FISH. <i>Journal of Genetics and Genomics</i> , 2006, 33, 277-283.	0.3	5
144	Karyotype Analysis of <i>Gossypium arboreum</i> – <i>G. bickii</i> by Genome in situ Hybridization. <i>Journal of Genetics and Genomics</i> , 2006, 33, 565-572.	0.3	2
145	Characterization and Physical Mapping of Ribosomal RNA Gene Families in <i>Plantago</i> . <i>Annals of Botany</i> , 2006, 97, 541-548.	2.9	19
146	The Cytogenetics of <i>Phalaenopsis</i> Orchids. , 2007, , 115-128.		3
147	Use of fluorescence in situ hybridization as a tool for introgression analysis and chromosome identification in coffee (<i>Coffea arabica</i> L.). <i>Genome</i> , 2007, 50, 619-626.	2.0	25
148	Intergenomic translocations in unisexual salamanders of the genus <i>Ambystoma</i> (Amphibia, Caudata). <i>Cytogenetic and Genome Research</i> , 2007, 116, 289-297.	1.1	37

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150	Garlic. , 2007, , 349-364.		1
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153	Characterization of the gene Mre11 and evidence of silencing after polyploidization in Triticum. Theoretical and Applied Genetics, 2007, 114, 985-999.	3.6	10
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