

The evolution of polyploid wheats: identification of the

Genome

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Genome origins of <i>Triticum cylindricum</i> , <i>Triticum triunciale</i> , and <i>Triticum ventricosum</i> (Poaceae) inferred from variation in restriction patterns of repeated nucleotide sequences: a methodological study. <i>American Journal of Botany</i> , 1994, 81, 1327-1335.	0.8	23
2	Different species-specific chromosome translocations in <i>Triticum timopheevii</i> and <i>T. turgidum</i> support the diphyletic origin of polyploid wheats. <i>Chromosome Research</i> , 1994, 2, 59-64.	1.0	182
3	New 18S _{rDNA} ribosomal RNA gene loci: chromosomal landmarks for the evolution of polyploid wheats. <i>Chromosoma</i> , 1994, 103, 179-185.	1.0	177
4	Differentiation between homoeologous chromosomes 1A of wheat and 1Am of <i>Triticum monococcum</i> and its recognition by the wheat Ph1 locus.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1995, 92, 6645-6649.	3.3	134
5	Structural evolution of wheat chromosomes 4A, 5A, and 7B and its impact on recombination. <i>Theoretical and Applied Genetics</i> , 1995, 91, 282-288.	1.8	362
6	Assessment of the type and degree of restriction fragment length polymorphism (RFLP) in diploid species of the genus <i>Triticum</i> . <i>Theoretical and Applied Genetics</i> , 1995, 90, 1063-1067.	1.8	22
7	Genome identification of the <i>Triticum crassum</i> complex (Poaceae) with the restriction patterns of repeated nucleotide sequences. <i>American Journal of Botany</i> , 1995, 82, 131-140.	0.8	24
8	WHEAT EVOLUTION. <i>Israel Journal of Plant Sciences</i> , 1995, 43, 85-98.	0.3	67
9	The origins of the genomes of <i>Triticum biunciale</i> , <i>t. ovatum</i> , <i>t. neglectum</i> , <i>t. columnare</i> , and <i>t. rectum</i> (poaceae) based on variation in repeated nucleotide sequences. <i>American Journal of Botany</i> , 1996, 83, 1556-1565.	0.8	20
10	Chromosome substitutions of <i>Triticum timopheevii</i> in common wheat and some observations on the evolution of polyploid wheat species. <i>Theoretical and Applied Genetics</i> , 1996, 93, 1291-1298.	1.8	26
11	Inhibitory activities against heterologous α -amylases and in vitro allergenic reactivity of Einkorn wheats. <i>Theoretical and Applied Genetics</i> , 1996, 93-93, 745-750.	1.8	12
12	Synaptic behaviour of the tetraploid wheat <i>Triticum timopheevii</i> . <i>Theoretical and Applied Genetics</i> , 1996, 93, 1139-1144.	1.8	20
13	Identification of Resistance to <i>Pseudocercospora herpotrichoides</i> in <i>Triticum monococcum</i> . <i>Plant Disease</i> , 1997, 81, 1181-1186.	0.7	30
14	Genome analysis of South American <i>Elymus</i> (Triticeae) and <i>Leymus</i> (Triticeae) species based on variation in repeated nucleotide sequences. <i>Genome</i> , 1997, 40, 505-520.	0.9	27
15	Deepening the Wheat Gene Pool. <i>The Journal of Crop Improvement: Innovations in Practice and Research</i> , 1997, 1, 1-25.	0.4	94
16	Gliadin polymorphism in wild and cultivated einkorn wheats. <i>Theoretical and Applied Genetics</i> , 1997, 94, 68-74.	1.8	27
17	Genetic variability of the wild diploid wheat <i>Triticum urartu</i> revealed by RFLP and RAPD markers. <i>Theoretical and Applied Genetics</i> , 1997, 94, 424-430.	1.8	39
18	High-resolution RFLP map of the long arm of chromosome 5A in wheats and its synteny among cereals.. <i>Genes and Genetic Systems</i> , 1998, 73, 51-58.	0.2	9

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19	Differences in seedling growth characteristics among provenances of <i>Aegilops speltoides</i> Tausch. <i>Genetic Resources and Crop Evolution</i> , 1999, 46, 119-125.	0.8	2
20	Structural chromosome differentiation between <i>Triticum timopheevii</i> and <i>T. turgidum</i> and <i>T. aestivum</i> . <i>Theoretical and Applied Genetics</i> , 1999, 98, 744-750.	1.8	57
21	PCR-based analysis of the intergenic spacers of the <i>Nor</i> loci on the A genomes of <i>Triticum</i> diploids and polyploids. <i>Genome</i> , 1999, 42, 116-128.	0.9	23
22	Evolution of the high molecular weight glutenin loci of the A, B, D, and G genomes of wheat. <i>Genome</i> , 1999, 42, 296-307.	0.9	101
23	Microsatellite markers – a new tool for distinguishing diploid wheat species. <i>Genetic Resources and Crop Evolution</i> , 2000, 47, 497-505.	0.8	58
24	Title is missing!. <i>Genetic Resources and Crop Evolution</i> , 2000, 47, 323-334.	0.8	34
25	RESEARCH NOTE A Novel Starch Granule-bound Protein in Endosperm of Wheat. <i>Journal of Cereal Science</i> , 2000, 32, 245-248.	1.8	5
26	Sequences of the waxy loci of wheat: utility in analysis of waxy proteins and developing molecular markers. <i>Biochemical Genetics</i> , 2000, 38, 391-411.	0.8	8
27	Restriction Fragment Length Polymorphism (RFLP) for protein disulfide isomerase (PDI) gene sequences in <i>Triticum</i> and <i>Aegilops</i> species. <i>Theoretical and Applied Genetics</i> , 2000, 101, 220-226.	1.8	20
28	Chromosomes Today. , 2000, , .		0
29	Puroindoline genes are highly conserved in diploid ancestor wheats and related species but absent in tetraploid <i>Triticum</i> species. <i>Plant Science</i> , 2000, 153, 81-91.	1.7	148
30	Identification of a 5S rDNA spacer type specific to <i>Triticum urartu</i> and wheats containing the <i>T. urartu</i> genome. <i>Genome</i> , 2000, 43, 250-254.	0.9	12
31	Homoeoallelic gene <i>Ncc-tmp</i> of <i>Triticum timopheevii</i> conferring compatibility with the cytoplasm of <i>Aegilops squarrosa</i> in the tetraploid wheat nuclear background. <i>Genome</i> , 2000, 43, 503-511.	0.9	19
32	Ubiquity of the <i>St</i> chloroplast genome in <i>St</i> -containing Triticeae polyploids. <i>Genome</i> , 2000, 43, 846-852.	0.9	73
33	Pairing affinities of the B- and G-genome chromosomes of polyploid wheats with those of <i>Aegilops speltoides</i> . <i>Genome</i> , 2000, 43, 814-819.	0.9	36
34	Chromosome structure of <i>Triticum timopheevii</i> relative to <i>T. turgidum</i> . <i>Genome</i> , 2000, 43, 923-930.	0.9	36
35	The specific isolation of complete 5S rDNA units from chromosome 1A of hexaploid, tetraploid, and diploid wheat species using PCR with head-to-head oriented primers. <i>Genome</i> , 2001, 44, 529-538.	0.9	3
36	Microsatellite markers reveal chimeric origin of redesignated chromosome 4A of wheat from <i>Triticum urartu</i> and other species. <i>Genome</i> , 2001, 44, 628-632.	0.9	1

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37	Single nucleotide polymorphisms in an STS region linked to the Ncc-tmp1A locus are informative for characterizing the differentiation of chromosome 1A in wheat.. <i>Genes and Genetic Systems</i> , 2001, 76, 295-304.	0.2	5
38	Chromosome Mapping and Phylogenetic Analysis of the Cytosolic Acetyl-CoA Carboxylase Loci in Wheat. <i>Molecular Biology and Evolution</i> , 2001, 18, 1720-1733.	3.5	30
39	Title is missing!. <i>Genetic Resources and Crop Evolution</i> , 2001, 48, 35-51.	0.8	33
40	The synaptic behaviour of the wild forms of <i>Triticum turgidum</i> and <i>T. timopheevii</i> . <i>Genome</i> , 2001, 44, 517-522.	0.9	5
41	Exploiting cereal genetic resources. <i>Advances in Botanical Research</i> , 2001, 34, 23-57.	0.5	1
42	Genes encoding plastid acetyl-CoA carboxylase and 3-phosphoglycerate kinase of the <i>Triticum/Aegilops</i> complex and the evolutionary history of polyploid wheat. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 8133-8138.	3.3	630
43	Repetitive DNAs of wild emmer wheat (<i>Triticum dicoccoides</i>) and their relation to S-genome species: molecular cytogenetic analysis. <i>Genome</i> , 2002, 45, 391-401.	0.9	27
44	Molecular linkage map of Einkorn wheat: mapping of storage-protein and soft-glume genes and bread-making quality QTLs. <i>Genetical Research</i> , 2002, 80, 131-143.	0.3	55
45	Two-gene systems of vernalization requirement and narrow-sense earliness in einkorn wheat. <i>Genome</i> , 2002, 45, 563-569.	0.9	32
46	Tetraploid wheat species <i>Triticum timopheevii</i> and <i>Triticum militinae</i> in common wheat improvement. <i>Acta Agronomica Hungarica: an International Multidisciplinary Journal in Agricultural Science</i> , 2002, 50, 463-477.	0.2	12
47	Nuclear and chloroplast genome genetic diversity in the wild einkorn wheat, <i>Triticum urartu</i> , revealed by AFLP and SSLP analyses. <i>Hereditas</i> , 2002, 137, 208-214.	0.5	22
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49	Spelt-specific alleles in HMW glutenin genes from modern and historical European spelt (<i>Triticum</i>) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50	1.8	48
50	Genetics and geography of wild cereal domestication in the near east. <i>Nature Reviews Genetics</i> , 2002, 3, 429-441.	7.7	607
51	RFLP analysis of <i>Aegilops</i> species belonging to the Sitopsis section. <i>Genetic Resources and Crop Evolution</i> , 2002, 49, 145-151.	0.8	16
52	Phylogenetic analysis of the acetyl-CoA carboxylase and 3-phosphoglycerate kinase loci in wheat and other grasses. <i>Plant Molecular Biology</i> , 2002, 48, 805-820.	2.0	135
53	Formation of 2n gametes in durum wheat haploids: Sexual polyploidization. <i>Euphytica</i> , 2003, 133, 81-94.	0.6	40
54	Title is missing!. <i>Russian Journal of Genetics</i> , 2003, 39, 1-11.	0.2	25

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55	Construction and characterization of a half million clone BAC library of durum wheat (<i>Triticum</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 74	1.8	124
56	Isolation and characterization of S genome specific sequences from <i>Aegilops</i> sect. <i>sitopsis</i> species. <i>Genome</i> , 2003, 46, 478-489.	0.9	20
57	Syteny perturbations between wheat homoeologous chromosomes caused by locus duplications and deletions correlate with recombination rates. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 10836-10841.	3.3	159
58	Origin, dispersal and genomic structure of a low-copy-number hypervariable RFLP clone in <i>Triticum</i> and <i>Aegilops</i> species.. <i>Genes and Genetic Systems</i> , 2003, 78, 291-300.	0.2	3
59	Rapid Genome Evolution Revealed by Comparative Sequence Analysis of Orthologous Regions from Four Triticeae Genomes. <i>Plant Physiology</i> , 2004, 135, 459-470.	2.3	138
60	Deletion Polymorphism in Wheat Chromosome Regions With Contrasting Recombination Rates. <i>Genetics</i> , 2004, 168, 1665-1675.	1.2	54
61	Molecular cloning and comparative analysis of a γ -type inactive HMW glutenin subunit gene from cultivated emmer wheat (<i>Triticum dicoccum</i> L.). <i>Hereditas</i> , 2004, 141, 46-54.	0.5	26
62	The origin of the A genome donor of wheats (<i>Triticum</i> : Poaceae) â€“ a perspective based on the sequence variation of the 5S DNA gene units. <i>Genetic Resources and Crop Evolution</i> , 2004, 51, 183-196.	0.8	27
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64	Construction of a subgenomic BAC library specific for chromosomes 1D, 4D and 6D of hexaploid wheat. <i>Theoretical and Applied Genetics</i> , 2004, 109, 1337-1345.	1.8	60
65	The utility of the nontranscribed spacer of 5S rDNA units grouped into unit classes assigned to haplomes â€“ a test on cultivated wheat and wheat progenitors. <i>Genome</i> , 2004, 47, 590-599.	0.9	40
66	Comparative genetic maps reveal extreme crossover localization in the <i>Aegilops speltoides</i> chromosomes. <i>Theoretical and Applied Genetics</i> , 2005, 111, 1098-1106.	1.8	37
67	Microsatellite mapping of a <i>Triticum urartu</i> Tum. derived powdery mildew resistance gene transferred to common wheat (<i>Triticum aestivum</i> L.). <i>Theoretical and Applied Genetics</i> , 2005, 111, 1524-1531.	1.8	63
68	BAC libraries of <i>Triticum urartu</i> , <i>Aegilops speltoides</i> and <i>Ae. tauschii</i> , the diploid ancestors of polyploid wheat. <i>Theoretical and Applied Genetics</i> , 2005, 111, 1617-1622.	1.8	50
69	A reconsideration of the domestication geography of tetraploid wheats. <i>Theoretical and Applied Genetics</i> , 2005, 110, 1052-1060.	1.8	144
70	Description of Iranian Diploid Wheat Resources. <i>Genetic Resources and Crop Evolution</i> , 2005, 52, 351-361.	0.8	17
71	Molecular cytogenetic characterization and seed storage protein analysis of 1A/1D translocation lines of durum wheat. <i>Chromosome Research</i> , 2005, 13, 559-568.	1.0	19
72	Intragenic diversity and functional conservation of the three homoeologous loci of the KN1-type homeobox gene <i>Wknx1</i> in common wheat. <i>Plant Molecular Biology</i> , 2005, 57, 907-924.	2.0	31

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74	Detection of single nucleotide polymorphisms in 24 kDa dimeric Î±-amylase inhibitors from cultivated wheat and its diploid putative progenitors. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2005, 1723, 309-320.	1.1	19
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79	DNA Fingerprinting and Genetic Characterization of Anatolian Triticum spp. using AFLP Markers. <i>Genetic Resources and Crop Evolution</i> , 2006, 53, 1033-1042.	0.8	7
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84	Exploitation of <i>Aegilops</i> species of section Sitopsis for wheat improvement. <i>Israel Journal of Plant Sciences</i> , 2007, 55, 277-287.	0.3	18
85	A reply to Donald D. Kasarda: Lack of intestinal mucosal toxicity of Triticum monococcum in celiac disease patients. <i>Scandinavian Journal of Gastroenterology</i> , 2007, 42, 1143-1144.	0.6	0
86	Identification of variation in adaptively important traits and genome-wide analysis of trait-marker associations in Triticum monococcum. <i>Journal of Experimental Botany</i> , 2007, 58, 3749-3764.	2.4	39
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88	Meiotic Restitution in Wheat Polyhaploids (Amphihaploids): A Potent Evolutionary Force. <i>Journal of Heredity</i> , 2007, 98, 188-193.	1.0	50
89	Molecular Evidence for a Natural Primary Triple Hybrid in Plants Revealed from Direct Sequencing. <i>Annals of Botany</i> , 2007, 99, 1213-1222.	1.4	50
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93	Grinding up Wheat: A Massive Loss of Nucleotide Diversity Since Domestication. Molecular Biology and Evolution, 2007, 24, 1506-1517.	3.5	331
94	Independent Wheat B and G Genome Origins in Outcrossing Aegilops Progenitor Haplotypes. Molecular Biology and Evolution, 2007, 24, 217-227.	3.5	194
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101	A LTR copia retrotransposon and Mutator transposons interrupt Pgi genes in cultivated and wild wheats. Theoretical and Applied Genetics, 2008, 116, 859-867.	1.8	12
102	Chromosomal location in triticale of leaf rust resistance genes introduced from <i>Triticum monococcum</i>. Plant Breeding, 2008, 127, 364-367.	1.0	20
103	Differences in stomatal and photosynthetic characteristics of five diploidy wheat species. Acta Ecologica Sinica, 2008, 28, 3277-3283.	0.9	16
104	Evolutional trends of leaf stomatal and photosynthetic characteristics in wheat evolutions. Acta Ecologica Sinica, 2008, 28, 5385-5391.	0.9	8
105	Dynamics and Differential Proliferation of Transposable Elements During the Evolution of the B and A Genomes of Wheat. Genetics, 2008, 180, 1071-1086.	1.2	123
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108	Recurrent Deletions of Puroindoline Genes at the Grain<i>Hardness</i>Locus in Four Independent Lineages of Polyploid Wheat. Plant Physiology, 2008, 146, 200-212.	2.3	68
109	The chromosome region including the earliness per se locus Eps-Am1 affects the duration of early developmental phases and spikelet number in diploid wheat. Journal of Experimental Botany, 2008, 59, 3595-3607.	2.4	112

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111	Characterization and comparative analysis of HMW glutenin 1Ay alleles with differential expressions. <i>BMC Plant Biology</i> , 2009, 9, 16.	1.6	53
112	Cloning and phylogenetic analysis of phytoene synthase 1 (Psy1) genes in common wheat and related species. <i>Hereditas</i> , 2009, 146, 208-256.	0.5	37
113	Quantification and organization of WIS2-1A and BARE-1 retrotransposons in different genomes of <i>Triticum</i> and <i>Aegilops</i> species. <i>Molecular Genetics and Genomics</i> , 2009, 282, 245-255.	1.0	8
114	Genomic diversity of germinating scutellum specific gene P23k in barley and wheat. <i>Genetica</i> , 2009, 137, 233-242.	0.5	1
115	Evaluation and utilization of <i>Aegilops</i> and wild <i>Triticum</i> species for enhancing iron and zinc content in wheat. <i>Genetic Resources and Crop Evolution</i> , 2009, 56, 53-64.	0.8	118
116	Genetic diversity of HMW glutenin subunits in diploid, tetraploid and hexaploid <i>Triticum</i> species. <i>Genetic Resources and Crop Evolution</i> , 2009, 56, 377-391.	0.8	38
117	Single nucleotide polymorphism genotyping in polyploid wheat with the Illumina GoldenGate assay. <i>Theoretical and Applied Genetics</i> , 2009, 119, 507-517.	1.8	257
118	Internal Transcribed Spacer Region of rDNA in Common Wheat and Its Genome Origins. <i>Acta Agronomica Sinica</i> , 2009, 35, 1021-1029.	0.3	2
119	Domestication of the <i>Triticeae</i> in the Fertile Crescent. , 2009, , 81-119.		49
120	EST mining for structure and expression of genes in the region of the wheat high-molecular-weight glutenin loci. <i>Genome</i> , 2009, 52, 726-740.	0.9	5
121	Cloning and phylogenetic analysis of polyphenol oxidase genes in common wheat and related species. <i>Genetic Resources and Crop Evolution</i> , 2009, 56, 311-321.	0.8	26
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124	Recruitment of closely linked genes for divergent functions: the seed storage protein (Glu-3) and powdery mildew (Pm3) genes in wheat (<i>Triticum aestivum</i> L.). <i>Functional and Integrative Genomics</i> , 2010, 10, 241-251.	1.4	6
125	Divergent evolution of wild and cultivated subspecies of <i>Triticum timopheevii</i> as revealed by the study of PolA1 gene. <i>Genetic Resources and Crop Evolution</i> , 2010, 57, 101-109.	0.8	9
126	Comparison of the efficiency of Aâ€‘PAGE and SDSâ€‘PAGE, ISSRs and RAPDs in resolving genetic relationships among <i>Triticum</i> and <i>Aegilops</i> species. <i>Genetic Resources and Crop Evolution</i> , 2010, 57, 1023-1039.	0.8	8
127	Homoeolog-specific transcriptional bias in allopolyploid wheat. <i>BMC Genomics</i> , 2010, 11, 505.	1.2	128

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128	Nucleotide diversity maps reveal variation in diversity among wheat genomes and chromosomes. <i>BMC Genomics</i> , 2010, 11, 702.	1.2	189
129	Phylogenetic analysis of the dimeric alpha-amylase inhibitor sequences from an orthologous region in 21 different genomes of the tribe Triticeae (Poaceae). <i>Biochemical Systematics and Ecology</i> , 2010, 38, 708-714.	0.6	4
130	Differential seedling resistance to the eyespot pathogens, <i>Oculimacula yallundae</i> and <i>Oculimacula acuformis</i> , conferred by <i>Pch2</i> in wheat and among accessions of <i>Triticum monococcum</i> . <i>Plant Pathology</i> , 2010, 59, 819-828.	1.2	20
131	Genetic Variance in Cadmium Tolerance and Accumulation in Wheat Materials Differing in Ploidy and Genome at Seedling Stage. <i>Journal of Agronomy and Crop Science</i> , 2010, 196, 302-310.	1.7	18
132	Wheat Production in India: Technologies to Face Future Challenges. <i>Journal of Agricultural Science</i> , 2010, 2, .	0.1	18
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134	Elimination of 5S DNA unit classes in newly formed allopolyploids of the genera <i>Aegilops</i> and <i>Triticum</i> . <i>Genome</i> , 2010, 53, 430-438.	0.9	27
135	Genetic Diversity, Evolution and Domestication of Wheat and Barley in the Fertile Crescent. , 2010, , 137-166.		29
136	In search of tetraploid wheat accessions reduced in celiac disease-related gluten epitopes. <i>Molecular BioSystems</i> , 2010, 6, 2206.	2.9	52
137	<i>Triticum</i> . , 2011, , 407-456.		22
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