

Conversion of diploidy to haploidy

Nature

403, 723-724

DOI: [10.1038/35001659](https://doi.org/10.1038/35001659)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Genetics testing for colon cancer: Joint statement of the American College of Medical Genetics and American Society of Human Genetics: Joint Test and Technology Transfer Committee Working Group. <i>Genetics in Medicine</i> , 2000, 2, 362-366.	1.1	36
3	Sequence variability and candidate gene analysis in complex disease: association of micro opioid receptor gene variation with substance dependence. <i>Human Molecular Genetics</i> , 2000, 9, 2895-2908.	1.4	276
4	Recurrent germline mutation in MSH2 arises frequently de novo. <i>Journal of Medical Genetics</i> , 2000, 37, 646-652.	1.5	72
5	Screening for Genomic Rearrangements in Families with Breast and Ovarian Cancer Identifies BRCA1 Mutations Previously Missed by Conformation-Sensitive Gel Electrophoresis or Sequencing. <i>American Journal of Human Genetics</i> , 2000, 67, 841-850.	2.6	149
6	Genetics of hereditary colon cancer— a basis for prevention?. <i>European Journal of Cancer</i> , 2000, 36, 1215-1223.	1.3	9
7	GENETICS: Genetic Testing- Present and Future. <i>Science</i> , 2000, 289, 1890-1892.	6.0	51
8	Efficient detection of hereditary nonpolyposis colorectal cancer gene carriers by screening for tumor microsatellite instability before germline genetic testing. <i>Gastroenterology</i> , 2001, 120, 21-30.	0.6	149
9	Germline mutations of EXO1 gene in patients with hereditary nonpolyposis colorectal cancer (HNPCC) and atypical HNPCC forms. <i>Gastroenterology</i> , 2001, 120, 1580-1587.	0.6	138
10	AGA technical review on hereditary colorectal cancer and genetic testing. <i>Gastroenterology</i> , 2001, 121, 198-213.	0.6	318
11	The colon cancer burden of genetically defined hereditary nonpolyposis colon cancer. <i>Gastroenterology</i> , 2001, 121, 830-838.	0.6	236
12	Gastric Cancer and H. pylori: Host Genetics Open the Way. <i>Gastroenterology</i> , 2001, 121, 1002-1012.	0.6	50
13	HNPCC: An uncommon but important diagnosis. <i>Gastroenterology</i> , 2001, 121, 1005-1008.	0.6	17
14	Deficient DNA mismatch repair: a common etiologic factor for colon cancer. <i>Human Molecular Genetics</i> , 2001, 10, 735-740.	1.4	429
15	STK11/LKB1 Peutz-Jeghers Gene Inactivation in Intraductal Papillary-Mucinous Neoplasms of the Pancreas. <i>American Journal of Pathology</i> , 2001, 159, 2017-2022.	1.9	251
16	PTEN mutations and Proteus syndrome. <i>Lancet, The</i> , 2001, 358, 2079-2080.	6.3	59
17	Adhesion molecules in lymphocyte trafficking and colitis. <i>Gastroenterology</i> , 2001, 121, 1008-1010.	0.6	4
18	Identification and Characterization of Disease-Related Genes: Focus on Endocrine Neoplasias. , 2001, 28, 20-49.		0
19	Coincidence, coevolution, or causation? DNA content, cell size, and the C-value enigma. <i>Biological Reviews</i> , 2001, 76, 65-101.	4.7	590

#	ARTICLE	IF	CITATIONS
20	Molecular Screening for Hereditary Nonpolyposis Colorectal Cancer: A Prospective, Population-Based Study. <i>Journal of Clinical Oncology</i> , 2001, 19, 3944-3950.	0.8	101
21	BRCA1/2 Testing: Complex Themes in Result Interpretation. <i>Journal of Clinical Oncology</i> , 2001, 19, 2555-2565.	0.8	59
22	Hybrids monosomal for human chromosome 5 reveal the presence of a spinal muscular atrophy (SMA) carrier with two SMN1 copies on one chromosome. <i>Human Genetics</i> , 2001, 108, 109-115.	1.8	38
23	Methylation pattern of different regions of the MLH1 promoter and silencing of gene expression in hereditary and sporadic colorectal cancer. <i>Genes Chromosomes and Cancer</i> , 2001, 31, 357-361.	1.5	53
24	Mutations of the 'minor' mismatch repair gene MSH6 in typical and atypical hereditary nonpolyposis colorectal cancer. <i>Familial Cancer</i> , 2001, 1, 95-101.	0.9	24
25	Clinical and biologic heterogeneity of hereditary nonpolyposis colorectal cancer. <i>International Journal of Cancer</i> , 2001, 95, 323-328.	2.3	19
26	Experimentally-derived haplotypes substantially increase the efficiency of linkage disequilibrium studies. <i>Nature Genetics</i> , 2001, 28, 361-364.	9.4	150
27	At the interfaces of epidemiology, genetics and genomics. <i>Nature Reviews Genetics</i> , 2001, 2, 142-147.	7.7	68
28	Genetic susceptibility for breast cancer? Risk assessment and counseling. <i>Seminars in Oncology</i> , 2001, 28, 419-433.	0.8	25
29	Facilitating haplotype analysis by fully automated analysis of all chromosomes in human-mouse hybrid cell lines. <i>Cytogenetic and Genome Research</i> , 2001, 93, 11-15.	0.6	10
30	Mutations in cis can confound genotype-phenotype correlations in hypertrophic cardiomyopathy. <i>Journal of Medical Genetics</i> , 2001, 38, 385-388.	1.5	32
31	Allelic association and disease mapping. <i>Briefings in Bioinformatics</i> , 2001, 2, 375-387.	3.2	7
32	Associating Genes to Drug Response. <i>Drug Information Journal</i> , 2002, 36, 751-761.	0.5	2
33	Haploinsufficiency of Flap endonuclease (Fen1) leads to rapid tumor progression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 9924-9929.	3.3	227
34	Exploring and Exploiting Instability. <i>Cancer Biology and Therapy</i> , 2002, 1, 212-225.	1.5	14
35	Characterisation of the growth regulating gene IMP3, a candidate for Silver-Russell syndrome. <i>Journal of Medical Genetics</i> , 2002, 39, 575-581.	1.5	49
36	Integrating pharmacogenomics into drug development. <i>Pharmacogenomics</i> , 2002, 3, 453-467.	0.6	32
37	Haplotype-Specific Effects on Endothelial NO Synthase Promoter Efficiency. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2002, 22, e1-4.	1.1	129

#	ARTICLE	IF	CITATIONS
38	Mismatch Repair Genes hMLH1 and hMSH2 and Colorectal Cancer: A HuGE Review. <i>American Journal of Epidemiology</i> , 2002, 156, 885-902.	1.6	128
39	Determination of a Novel Haplotype of β_2 -adrenergic Receptor in the Japanese Population by the Combination of the Electronic Microchip Assay Using the NanoChip System with Allele-specific PCR. <i>Drug Metabolism and Pharmacokinetics</i> , 2002, 17, 532-539.	1.1	2
40	Turning SNPs into Useful Markers of Drug Response. , 0, , 35-55.		1
41	GENETIC AND EPIGENETICAL ALTERATIONS IN COLON CANCER. <i>Annual Review of Genomics and Human Genetics</i> , 2002, 3, 101-128.	2.5	261
42	Functional analysis of hMLH1 variants and HNPCC-related mutations using a human expression system. <i>Gastroenterology</i> , 2002, 122, 211-219.	0.6	179
43	Hereditary nonpolyposis colorectal cancer in young colorectal cancer patients: High-risk clinic versus population-based registry. <i>Gastroenterology</i> , 2002, 122, 940-947.	0.6	29
44	Score Tests for Association between Traits and Haplotypes when Linkage Phase Is Ambiguous. <i>American Journal of Human Genetics</i> , 2002, 70, 425-434.	2.6	1,656
45	Focus on colon cancer. <i>Cancer Cell</i> , 2002, 1, 233-236.	7.7	127
46	Determination of β_2 -adrenergic receptor (ADRB2) haplotypes by a multiplexed polymerase chain reaction assay. <i>Human Mutation</i> , 2002, 20, 479-479.	1.1	34
47	A 10-Mb paracentric inversion of chromosome arm 2p inactivates MSH2 and is responsible for hereditary nonpolyposis colorectal cancer in a North-American kindred. <i>Genes Chromosomes and Cancer</i> , 2002, 35, 49-57.	1.5	57
48	Identification and functional characterization of the promoter region of the human MSH6 gene. <i>Genes Chromosomes and Cancer</i> , 2002, 33, 36-46.	1.5	20
49	Genetic testing and risk assessment for spinal muscular atrophy (SMA). <i>Human Genetics</i> , 2002, 111, 477-500.	1.8	167
50	Genomic rearrangements of EYA1 account for a large fraction of families with BOR syndrome. <i>European Journal of Human Genetics</i> , 2002, 10, 757-766.	1.4	45
51	An endonuclease/ligase based mutation scanning method especially suited for analysis of neoplastic tissue. <i>Oncogene</i> , 2002, 21, 1909-1921.	2.6	40
52	Small changes in expression affect predisposition to tumorigenesis. <i>Nature Genetics</i> , 2002, 30, 25-26.	9.4	234
53	Chromosome 7p disruptions in Silver Russell syndrome: delineating an imprinted candidate gene region. <i>Human Genetics</i> , 2002, 111, 376-387.	1.8	79
54	Correlations between Phenotype and Microsatellite Instability in HNPCC: Implications for Genetic Testing. <i>Familial Cancer</i> , 2002, 3, 117-121.	0.9	8
55	Genetic mutation associated with meiotic metaphase-specific apoptosis in MRL/MpJ mice. <i>Molecular Reproduction and Development</i> , 2003, 64, 179-188.	1.0	17

#	ARTICLE	IF	CITATIONS
56	Detection and assignment of TP53 mutations in tumor DNA using peptide mass signature genotyping. <i>Human Mutation</i> , 2003, 22, 158-165.	1.1	14
57	Identification and characterization of genomic rearrangements of MSH2 and MLH1 in Lynch syndrome (HNPCC) by novel techniques. <i>Human Mutation</i> , 2003, 22, 258-258.	1.1	87
58	Clinical and molecular delineation of the Greig cephalopolysyndactyly contiguous gene deletion syndrome and its distinction from acrocallosal syndrome. <i>American Journal of Medical Genetics Part A</i> , 2003, 123A, 236-242.	2.4	50
59	Hereditary nonpolyposis colorectal cancer and related conditions. <i>American Journal of Medical Genetics Part A</i> , 2003, 122A, 325-334.	2.4	70
60	Identification of a deletion in the mismatch repair gene, MSH2, using mouse-human cell hybrids monosomal for chromosome 2. <i>Clinical Genetics</i> , 2003, 63, 215-218.	1.0	4
61	Germline hMLH1 promoter mutation in a Newfoundland HNPCC kindred. <i>Clinical Genetics</i> , 2003, 64, 220-227.	1.0	20
62	Increased expression and no mutation of the Flap endonuclease (FEN1) gene in human lung cancer. <i>Oncogene</i> , 2003, 22, 7243-7246.	2.6	64
63	Genetic testing for high-risk colon cancer patients ¹ 1 Abbreviations used in this paper: FAP, familial adenomatous polyposis; HMPS, hereditary mixed polyposis syndrome; HNPCC, hereditary nonpolyposis colon cancer; JPS, juvenile polyposis; MMR, mutation mismatch repair; MSI, microsatellite instability; PIS, Peutz-Jeghers syndrome; TGF, transforming growth factor. <i>Gastroenterology</i> , 2003, 124, 1574-1594.	0.6	194
64	Diagnosis and Management of Hereditary Non-Polyposis Colon Cancer. <i>Gastrointestinal Endoscopy</i> , 2003, 58, 390-408.	0.5	28
65	Hereditary Colorectal Cancer. <i>New England Journal of Medicine</i> , 2003, 348, 919-932.	13.9	1,870
66	Hereditary nonpolyposis colorectal cancer: preventive management. <i>Cancer Treatment Reviews</i> , 2003, 29, 461-470.	3.4	53
67	Sensitive and Efficient Detection of RB1 Gene Mutations Enhances Care for Families with Retinoblastoma. <i>American Journal of Human Genetics</i> , 2003, 72, 253-269.	2.6	285
68	Inherited Human Diseases: Victories, Challenges, Disappointments**Previously presented at the annual meeting of The American Society of Human Genetics, in Baltimore, on October 18, 2002.. <i>American Journal of Human Genetics</i> , 2003, 72, 236-240.	2.6	7
69	Molecular Analysis of Hereditary Nonpolyposis Colorectal Cancer in the United States: High Mutation Detection Rate among Clinically Selected Families and Characterization of an American Founder Genomic Deletion of the MSH2 Gene. <i>American Journal of Human Genetics</i> , 2003, 72, 1088-1100.	2.6	195
70	Confirmation of the Type 2 Myotonic Dystrophy (CCTG) Expansion Mutation in Patients with Proximal Myotonic Myopathy/Proximal Myotonic Dystrophy of Different European Origins: A Single Shared Haplotype Indicates an Ancestral Founder Effect. <i>American Journal of Human Genetics</i> , 2003, 73, 835-848.	2.6	132
71	Altered Expression of MLH1, MSH2, and MSH6 in Predisposition to Hereditary Nonpolyposis Colorectal Cancer. <i>Journal of Clinical Oncology</i> , 2003, 21, 3629-3637.	0.8	88
73	Multiple Primary Cancer, Including Transitional Cell Carcinoma of the Upper Uroepithelial Tract in a Multigeneration Hnpcc Family: Molecular Genetic, Diagnostic, and Management Implications. <i>American Journal of Gastroenterology</i> , 2003, 98, 664-670.	0.2	15
74	Direct molecular haplotyping of long-range genomic DNA with M1-PCR. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 7449-7453.	3.3	137

#	ARTICLE	IF	CITATIONS
76	Analysis of the ARMD1 locus: evidence that a mutation in HEMICENTIN-1 is associated with age-related macular degeneration in a large family. <i>Human Molecular Genetics</i> , 2003, 12, 3315-3323.	1.4	175
77	Conversion Technology and Cancer Predispositions. , 2003, 223, 415-424.		0
78	Hereditary Colon Cancer Genes. , 2003, 222, 059-083.		4
79	Conversion technology and its role in genetic testing of inherited diseases. <i>Expert Review of Molecular Diagnostics</i> , 2003, 3, 497-506.	1.5	4
80	Hereditary Breast Cancer Considering Cowden Syndrome. <i>Cancer Nursing</i> , 2003, 26, 370-375.	0.7	4
81	The Hereditary Nonpolyposis Colorectal Cancer Syndrome: Genetics and Clinical Implications. <i>Annals of Internal Medicine</i> , 2003, 138, 560.	2.0	256
82	HNPCC (Lynch Syndrome): Differential Diagnosis, Molecular Genetics and Management - a Review. <i>Hereditary Cancer in Clinical Practice</i> , 2003, 1, 7.	0.6	19
83	Frequent genomic disorganisation of MLH1 in hereditary non-polyposis colorectal cancer (HNPCC) screened by RT-PCR on puromycin treated samples. <i>Journal of Medical Genetics</i> , 2003, 40, 30e-30.	1.5	9
84	Robust Dosage-PCR for Detection of Heterozygous Chromosomal Deletions. <i>BioTechniques</i> , 2003, 34, 558-570.	0.8	15
85	The Genetics of Hereditary Non-Polyposis Colorectal Cancer. <i>Journal of the National Comprehensive Cancer Network: JNCCN</i> , 2003, 1, 137-144.	2.3	11
86	Lynch Syndrome: History and Current Status. <i>Disease Markers</i> , 2004, 20, 181-198.	0.6	49
88	Clinical genetic counselling for familial cancers requires reliable data on familial cancer risks and general action plans. <i>Journal of Medical Genetics</i> , 2004, 41, 801-807.	1.5	45
89	An Alu-mediated partial SDHC deletion causes familial and sporadic paraganglioma. <i>Journal of Medical Genetics</i> , 2004, 41, 703-709.	1.5	74
90	Mismatch Repair Gene PMS2. <i>Cancer Research</i> , 2004, 64, 4721-4727.	0.4	149
91	Spinal muscular atrophy: molecular genetics and diagnostics. <i>Expert Review of Molecular Diagnostics</i> , 2004, 4, 15-29.	1.5	124
92	Genetic aetiology of diffuse gastric cancer: so near, yet so far. <i>Journal of Medical Genetics</i> , 2004, 41, 481-483.	1.5	1
93	A Founder Mutation of the <EMPH TYPE="ITAL">MSH2</EMPH> Gene and Hereditary Nonpolyposis Colorectal Cancer in the United States. <i>JAMA - Journal of the American Medical Association</i> , 2004, 291, 718.	3.8	75
94	A NOTCH4 association with multiple sclerosis is secondary to HLA-DR*1501. <i>Tissue Antigens</i> , 2004, 63, 13-20.	1.0	25

#	ARTICLE	IF	CITATIONS
95	Novel germline hMSH2 genomic deletion and somatic hMSH2 mutations in a hereditary nonpolyposis colorectal cancer family. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2004, 548, 19-25.	0.4	4
96	Genomic instability and colon cancer. <i>Cancer and Metastasis Reviews</i> , 2004, 23, 11-27.	2.7	280
97	The utility of immunohistochemical detection of DNA mismatch repair gene proteins. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2004, 445, 431-441.	1.4	96
98	Fine mapping of the Schnyder's crystalline corneal dystrophy locus. <i>Human Genetics</i> , 2004, 114, 594-600.	1.8	21
99	Mapping genomic deletions down to the base: a quantitative copy number scanning approach used to characterise and clone the breakpoints of a recurrent 7p14.2p15.3 deletion. <i>Human Genetics</i> , 2004, 115, 459-467.	1.8	26
100	Cancer in Jews: introduction and overview. <i>Familial Cancer</i> , 2004, 3, 177-192.	0.9	24
101	A new algorithm for haplotype-based association analysis: the Stochastic-EM algorithm. <i>Annals of Human Genetics</i> , 2004, 68, 165-177.	0.3	258
102	Inherited predisposition to cancer: A historical overview. <i>American Journal of Medical Genetics Part A</i> , 2004, 129C, 5-22.	2.4	44
103	Power of direct vs. indirect haplotyping in association studies. <i>Genetic Epidemiology</i> , 2004, 26, 116-124.	0.6	13
104	Haplotype Block Partitioning and Tag SNP Selection Using Genotype Data and Their Applications to Association Studies. <i>Genome Research</i> , 2004, 14, 908-916.	2.4	143
106	Long-Range (17.7 kb) Allele-Specific Polymerase Chain Reaction Method for Direct Haplotyping of R117H and IVS-8 Mutations of the Cystic Fibrosis Transmembrane Regulator Gene. <i>Journal of Molecular Diagnostics</i> , 2004, 6, 264-270.	1.2	17
107	Incorporating Genotyping Uncertainty in Haplotype Inference for Single-Nucleotide Polymorphisms. <i>American Journal of Human Genetics</i> , 2004, 74, 495-510.	2.6	45
108	DNA/RNA Helicase Gene Mutations in a Form of Juvenile Amyotrophic Lateral Sclerosis (ALS4). <i>American Journal of Human Genetics</i> , 2004, 74, 1128-1135.	2.6	717
109	An Alu-mediated 31.5-kb deletion as the cause of factor XI deficiency in 2 unrelated patients. <i>Blood</i> , 2004, 104, 2394-2396.	0.6	12
110	Direct molecular haplotyping by melting curve analysis of hybridization probes: beta 2-adrenergic receptor haplotypes as an example. <i>Nucleic Acids Research</i> , 2005, 33, e89-e89.	6.5	30
111	Value of Immunohistochemical Detection of DNA Mismatch Repair Proteins in Predicting Germline Mutation in Hereditary Colorectal Neoplasms. <i>American Journal of Surgical Pathology</i> , 2005, 29, 96-104.	2.1	136
112	Morphogenetic investigation of metaphase-specific cell death in meiotic spermatocytes in mice. <i>Kaibogaku Zasshi Journal of Anatomy</i> , 2005, 80, 141-152.	1.2	4
114	Hereditary Colorectal Cancer-Part II. <i>Current Problems in Surgery</i> , 2005, 42, 267-333.	0.6	31

#	ARTICLE	IF	CITATIONS
115	Molecular characterization of the spectrum of genomic deletions in the mismatch repair genes MSH2, MLH1, MSH6, and PMS2 responsible for hereditary nonpolyposis colorectal cancer (HNPCC). <i>Genes Chromosomes and Cancer</i> , 2005, 44, 123-138.	1.5	112
116	Linear allele-specific long-range amplification: a novel method of long-range molecular haplotyping. <i>Human Mutation</i> , 2005, 26, 393-394.	1.1	10
117	Spectrum and frequencies of mutations in MSH2 and MLH1 identified in 1,721 German families suspected of hereditary nonpolyposis colorectal cancer. <i>International Journal of Cancer</i> , 2005, 116, 692-702.	2.3	113
118	Molecular pathogenesis of colorectal cancer. <i>Cancer</i> , 2005, 104, 2035-2047.	2.0	138
119	Use of Microsatellite Instability and Immunohistochemistry Testing for the Identification of Individuals at Risk for Lynch Syndrome. <i>Familial Cancer</i> , 2005, 4, 255-265.	0.9	109
120	Evolution of the Nomenclature for the Hereditary Colorectal Cancer Syndromes. <i>Familial Cancer</i> , 2005, 4, 211-218.	0.9	118
122	Approach to common chronic disorders of adulthood. , 2005, , .		0
123	Progress in Genetic Testing, Classification, and Identification of Lynch Syndrome. <i>JAMA - Journal of the American Medical Association</i> , 2005, 293, 2028.	3.8	50
124	Direct Molecular Haplotyping of the IVS-8 Poly(TG) and PolyT Repeat Tracts in the Cystic Fibrosis Gene by Melting Curve Analysis of Hybridization Probes. <i>Clinical Chemistry</i> , 2005, 51, 1619-1623.	1.5	15
125	Accuracy of MSI testing in predicting germline mutations of MSH2 and MLH1: a case study in Bayesian meta-analysis of diagnostic tests without a gold standard. <i>Biostatistics</i> , 2005, 6, 450-464.	0.9	15
126	History and Molecular Genetics of Lynch Syndrome in Family G. <i>JAMA - Journal of the American Medical Association</i> , 2005, 294, 2195.	3.8	70
127	Conversion Analysis for Mutation Detection in <EMPH>MLH1</EMPH> and <EMPH>MSH2</EMPH> in Patients With Colorectal Cancer. <i>JAMA - Journal of the American Medical Association</i> , 2005, 293, 799.	3.8	93
128	Shotgun haplotyping: a novel method for surveying allelic sequence variation. <i>Nucleic Acids Research</i> , 2005, 33, e152-e152.	6.5	7
129	Identification of disease genes by whole genome CGH arrays. <i>Human Molecular Genetics</i> , 2005, 14, R215-R223.	1.4	140
130	Comprehensive analysis of CDKN2A (p16INK4A/p14ARF) and CDKN2B genes in 53 melanoma index cases considered to be at heightened risk of melanoma. <i>Journal of Medical Genetics</i> , 2005, 43, 39-47.	1.5	50
131	Inherited Susceptibility to Colorectal Cancer. <i>Annual Review of Medicine</i> , 2005, 56, 539-554.	5.0	80
132	Immunohistochemical Analysis Reveals High Frequency of PMS2 Defects in Colorectal Cancer. <i>Gastroenterology</i> , 2005, 128, 1160-1171.	0.6	166
133	Characterization of hMLH1 and hMSH2 Gene Dosage Alterations in Lynch Syndrome Patients. <i>Gastroenterology</i> , 2005, 129, 846-854.	0.6	49

#	ARTICLE	IF	CITATIONS
134	Definition and Clinical Importance of Haplotypes. <i>Annual Review of Medicine</i> , 2005, 56, 303-320.	5.0	283
135	New Developments in Lynch Syndrome (Hereditary Nonpolyposis Colorectal Cancer) and Mismatch Repair Gene Testing. <i>Gastroenterology</i> , 2006, 130, 577-587.	0.6	58
137	DNA mismatch repair and Lynch syndrome. <i>Journal of Molecular Histology</i> , 2006, 37, 271-283.	1.0	17
138	Surveillance Colonoscopy in Individuals at Risk for Hereditary Nonpolyposis Colorectal Cancer: An Evidence-Based Review. <i>Diseases of the Colon and Rectum</i> , 2006, 49, 80-95.	0.7	20
139	Direct molecular haplotyping of multiple polymorphisms within exon 4 of the human catechol-O-methyltransferase gene by liquid chromatography-electrospray ionization time-of-flight mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2006, 386, 83-91.	1.9	12
140	The genetics of HNPCC: Application to diagnosis and screening. <i>Critical Reviews in Oncology/Hematology</i> , 2006, 58, 208-220.	2.0	89
141	A likelihood-based method for haplotype association studies of case-control data with genotyping uncertainty. <i>Science in China Series A: Mathematics</i> , 2006, 49, 130-144.	0.5	2
142	HaploRec: efficient and accurate large-scale reconstruction of haplotypes. <i>BMC Bioinformatics</i> , 2006, 7, 542.	1.2	42
143	A comparison of several methods for haplotype frequency estimation and haplotype reconstruction for tightly linked markers from general pedigrees. <i>Genetic Epidemiology</i> , 2006, 30, 423-437.	0.6	24
144	Long-range PCR facilitates the identification of PMS2-specific mutations. <i>Human Mutation</i> , 2006, 27, 490-495.	1.1	90
145	Prediction of Germline Mutations and Cancer Risk in the Lynch Syndrome. <i>JAMA - Journal of the American Medical Association</i> , 2006, 296, 1479.	3.8	328
146	DM2 intronic expansions: evidence for CCLUG accumulation without flanking sequence or effects on ZNF9 mRNA processing or protein expression. <i>Human Molecular Genetics</i> , 2006, 15, 1808-1815.	1.4	99
147	Haplotype inference for present-absent genotype data using previously identified haplotypes and haplotype patterns. <i>Bioinformatics</i> , 2007, 23, 2399-2406.	1.8	23
148	An efficient method for multi-locus molecular haplotyping. <i>Nucleic Acids Research</i> , 2007, 35, e6-e6.	6.5	17
149	Incorporating Genotyping Uncertainty in Haplotype Frequency Estimation in Pedigree Studies. <i>Human Heredity</i> , 2007, 64, 172-181.	0.4	8
150	Human SULT1A1 gene: copy number differences and functional implications. <i>Human Molecular Genetics</i> , 2007, 16, 463-470.	1.4	102
151	MALDI-MS of Nucleic Acids and Practical Implementations in Genomics and Genetics. , 0, , 131-179.		3
152	DLX5 and DLX6 Expression Is Biallelic and Not Modulated by MeCP2 Deficiency. <i>American Journal of Human Genetics</i> , 2007, 81, 492-506.	2.6	48

#	ARTICLE	IF	CITATIONS
153	Hereditary Nonpolyposis Colorectal Cancer. , 2007, , 223-232.		2
154	Molecular Pathology in Clinical Practice. , 2007, , .		8
155	Corticotropin releasing hormone (<i>CRH</i>) gene variation: Comprehensive resequencing for variant and molecular haplotype discovery in monosomic hybrid cell lines. DNA Sequence, 2007, 18, 434-444.	0.7	17
157	Understanding the accuracy of statistical haplotype inference with sequence data of known phase. Genetic Epidemiology, 2007, 31, 659-671.	0.6	64
158	Direct haplotyping of bi-allelic SNPs using ARMS and RFLP analysis techniques. New Biotechnology, 2007, 24, 609-612.	2.7	7
159	Rapid and reliable genotyping of polymorphic loci modifying correct splicing of CFTR pre-mRNA using mass spectrometry. European Journal of Human Genetics, 2007, 15, 53-61.	1.4	1
160	Coincidence, coevolution, or causation? DNA content, cellsize, and the Câ€value enigma. Biological Reviews, 2001, 76, 65-101.	4.7	67
161	Total Parenteral Nutrition Leads to Alteration of Hepatocyte Cell Cycle Gene Expression and Proliferation in the Mouse. Digestive Diseases and Sciences, 2007, 52, 920-930.	1.1	4
162	Germline missense mutations in mismatch-repair genes and genetic testing for HNPCC. Current Colorectal Cancer Reports, 2007, 3, 191-198.	1.0	0
163	Accurate classification of<i>MLH1/MSH2</i>missense variants with multivariate analysis of protein polymorphisms-mismatch repair (MAPP-MMR). Human Mutation, 2008, 29, 852-860.	1.1	101
164	Myofibrillar myopathy with arrhythmogenic right ventricular cardiomyopathy 7: corroboration and narrowing of the critical region on 10q22.3. European Journal of Human Genetics, 2008, 16, 367-373.	1.4	18
165	Clinical characterization and genetic mapping of North Carolina macular dystrophy. Vision Research, 2008, 48, 470-477.	0.7	28
166	Evaluation of two methods for computational HLA haplotypes inference using a real dataset. BMC Bioinformatics, 2008, 9, 68.	1.2	13
167	Haplotypeâ€Association Analysis. Advances in Genetics, 2008, 60, 335-405.	0.8	116
169	Origins and Prevalence of the American Founder Mutation of <i>MSH2</i>. Cancer Research, 2008, 68, 2145-2153.	0.4	34
170	SNP-specific extraction of haplotype-resolved targeted genomic regions. Nucleic Acids Research, 2008, 36, e94-e94.	6.5	25
171	Distinct effects of the recurrent Mlh1 ^{G67R} mutation on MMR functions, cancer, and meiosis. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 4247-4252.	3.3	39
172	A frame-shift mutation of PMS2 is a widespread cause of Lynch syndrome. Journal of Medical Genetics, 2008, 45, 340-345.	1.5	47

#	ARTICLE	IF	CITATIONS
173	A Novel Duplication Confirms the Involvement of 5q23.2 in Autosomal Dominant Leukodystrophy. Archives of Neurology, 2008, 65, 1496.	4.9	32
175	hnRNP H enhances skipping of a nonfunctional exon P3A in CHRNA1 and a mutation disrupting its binding causes congenital myasthenic syndrome. Human Molecular Genetics, 2008, 17, 4022-4035.	1.4	54
176	Glucocorticoid Receptor Gene Variant in the 3' Untranslated Region Is Associated with Multiple Measures of Blood Pressure. Journal of Clinical Endocrinology and Metabolism, 2009, 94, 268-276.	1.8	22
177	Is it Williams syndrome? GTF2IRD1 implicated in visual spatial construction and GTF2I in sociability revealed by high resolution arrays. American Journal of Medical Genetics, Part A, 2009, 149A, 302-314.	0.7	100
178	Fine mapping and association studies in a candidate region for autism on chromosome 2q31-q32. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2009, 150B, 535-544.	1.1	12
179	Large genomic rearrangements and germline epimutations in Lynch syndrome. International Journal of Cancer, 2009, 124, 2333-2340.	2.3	80
180	Haplotype Inference for Population Data with Genotyping Errors. Biometrical Journal, 2009, 51, 644-658.	0.6	1
181	Characterization of a t(5;8)(q31;q21) translocation in a patient with mental retardation and congenital heart disease: implications for involvement of RUNX1T1 in human brain and heart development. European Journal of Human Genetics, 2009, 17, 1010-1018.	1.4	20
182	Review of the Lynch syndrome: history, molecular genetics, screening, differential diagnosis, and medicolegal ramifications. Clinical Genetics, 2009, 76, 1-18.	1.0	672
183	Self-organizing map approaches for the haplotype assembly problem. Mathematics and Computers in Simulation, 2009, 79, 3026-3037.	2.4	8
184	Random Effects Models in a Meta-Analysis of the Accuracy of Two Diagnostic Tests Without a Gold Standard. Journal of the American Statistical Association, 2009, 104, 512-523.	1.8	71
185	Generation of Medaka Fish Haploid Embryonic Stem Cells. Science, 2009, 326, 430-433.	6.0	157
187	Colorectal Cancer Due to Deficiency in DNA Mismatch Repair Function. Advances in Anatomic Pathology, 2009, 16, 405-417.	2.4	132
189	Medaka fish stem cells and their applications. Science China Life Sciences, 2010, 53, 426-434.	2.3	19
190	Detection of genetic alterations in hereditary colorectal cancer screening. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2010, 693, 19-31.	0.4	29
191	Direct determination of molecular haplotypes by chromosome microdissection. Nature Methods, 2010, 7, 299-301.	9.0	66
192	Confirmation of Linkage to and Localization of Familial Colon Cancer Risk Haplotype on Chromosome 9q22. Cancer Research, 2010, 70, 5409-5418.	0.4	42
193	Hereditary Colorectal Cancer. , 2010, , .		1

#	ARTICLE	IF	CITATIONS
194	Forward and Reverse Genetics through Derivation of Haploid Mouse Embryonic Stem Cells. <i>Cell Stem Cell</i> , 2011, 9, 563-574.	5.2	208
195	The Extent of Linkage Disequilibrium and Computational Challenges of Single Nucleotide Polymorphisms in Genome-Wide Association Studies. <i>Current Drug Metabolism</i> , 2011, 12, 498-506.	0.7	5
196	Completely phased genome sequencing through chromosome sorting. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 12-17.	3.3	93
197	A clinically complex form of dominant optic atrophy (OPA8) maps on chromosome 16. <i>Human Molecular Genetics</i> , 2011, 20, 1893-1905.	1.4	36
198	Cilia and Models for Studying Structure and Function. <i>Proceedings of the American Thoracic Society</i> , 2011, 8, 423-429.	3.5	39
199	Sequence and expression analysis of gaps in human chromosome 20. <i>Nucleic Acids Research</i> , 2012, 40, 6660-6672.	6.5	5
200	Generation of Genetically Modified Mice by Oocyte Injection of Androgenetic Haploid Embryonic Stem Cells. <i>Cell</i> , 2012, 149, 605-617.	13.5	168
201	A Simple PCR-RFLP Method for Genetic Phase Determination in Compound Heterozygotes. <i>Frontiers in Genetics</i> , 2012, 2, 108.	1.1	1
202	An American founder mutation in <i>MLH1</i> . <i>International Journal of Cancer</i> , 2012, 130, 2088-2095.	2.3	12
203	The History of Lynch Syndrome. <i>Familial Cancer</i> , 2013, 12, 145-157.	0.9	76
204	Complementarity of Binding Motifs is a General Property of HLA-A and HLA-B Molecules and Does Not Seem to Effect HLA Haplotype Composition. <i>Frontiers in Immunology</i> , 2013, 4, 374.	2.2	5
205	HnRNP L and hnRNP LL antagonistically modulate PTB-mediated splicing suppression of <i>CHRNA1</i> pre-mRNA. <i>Scientific Reports</i> , 2013, 3, 2931.	1.6	41
207	Colon: Colorectal adenocarcinoma. <i>Atlas of Genetics and Cytogenetics in Oncology and Haematology</i> , 2013, , .	0.1	3
208	Lynch Syndrome 101 (Years, That Is). <i>American Society of Clinical Oncology Educational Book / ASCO American Society of Clinical Oncology Meeting</i> , 2014, , 27-32.	1.8	2
209	A hidden Markov model for haplotype inference for present-absent data of clustered genes using identified haplotypes and haplotype patterns. <i>Frontiers in Genetics</i> , 2014, 5, 267.	1.1	1
210	Molecular endocrinology and endocrine genetics. , 2014, , 9-33.e1.		1
211	Boveri at 100: Theodor Boveri and genetic predisposition to cancer. <i>Journal of Pathology</i> , 2014, 234, 142-145.	2.1	18
212	Epigenetic remodelling and dysregulation of <i>DLCAP4</i> is linked with early-onset cerebellar ataxia. <i>Human Molecular Genetics</i> , 2014, 23, 6163-6176.	1.4	19

#	ARTICLE	IF	CITATIONS
213	A simple method for gene phasing using mate pair sequencing. BMC Medical Genetics, 2014, 15, 19.	2.1	8
214	Genome wide functional genetics in haploid cells. FEBS Letters, 2014, 588, 2415-2421.	1.3	20
215	Milestones of Lynch syndrome: 1895â€“2015. Nature Reviews Cancer, 2015, 15, 181-194.	12.8	603
216	Haplotype-resolved genome sequencing: experimental methods and applications. Nature Reviews Genetics, 2015, 16, 344-358.	7.7	156
217	Quantitative haplotyping of PCR products by nonsynchronous pyrosequencing with di-base addition. Analytical and Bioanalytical Chemistry, 2016, 408, 8263-8271.	1.9	3
218	Haplotype-based Statistical Inference for Population-based Caseâ€“control and Cross-Sectional Studies with Complex Sample Designs. Journal of Survey Statistics and Methodology, 2016, 4, 188-214.	0.5	2
219	Conditional Displacement Hybridization Assay for Multiple SNP Phasing. Analytical Chemistry, 2017, 89, 9961-9966.	3.2	9
220	Late-time growth rate, mixing, and anisotropy in the multimode narrowband Richtmyerâ€“Meshkov instability: The <i>I</i>-group collaboration. Physics of Fluids, 2017, 29, .	1.6	79
221	Classification of Genetic Variants. , 2018, , 257-280.		0
222	Direct numerical simulation of the multimode narrowband Richtmyerâ€“Meshkov instability. Computers and Fluids, 2019, 194, 104309.	1.3	17
223	Turbulent transport and mixing in the multimode narrowband Richtmyer-Meshkov instability. Physics of Fluids, 2019, 31, .	1.6	26
224	A New Fast Phasing Method Based On Haplotype Subtraction. Journal of Molecular Diagnostics, 2019, 21, 427-436.	1.2	1
225	Current advances in haploid stem cells. Protein and Cell, 2020, 11, 23-33.	4.8	9
226	A More Open Approach Is Needed to Develop Cell-Based Fish Technology: It Starts with Zebrafish. One Earth, 2020, 3, 54-64.	3.6	31
227	Theranostics Approaches to Gastric and Colon Cancer. Diagnostics and Therapeutic Advances in GI Malignancies, 2020, , .	0.2	2
229	Historical Aspects of Lynch Syndrome. , 2010, , 15-42.		4
230	The Genetics of Colorectal Cancer. , 2013, , 1-24.		2
231	Molecular Endocrinology and Endocrine Genetics. , 2008, , 1-25.		1

#	ARTICLE	IF	CITATIONS
232	Identification of a large rearrangement of theBRCA1 gene using colour bar code on combed DNA in an American breast/ovarian cancer family previously studied by direct sequencing. Journal of Medical Genetics, 2001, 38, 388-392.	1.5	45
233	SNP Haplotype Mapping in a Small ALS Family. PLoS ONE, 2009, 4, e5687.	1.1	5
234	Mismatch repair protein expression in colorectal cancer. Journal of Gastrointestinal Oncology, 2013, 4, 397-408.	0.6	42
235	Haploid Analysis (Monosomal Hybrid Technique). , 2004, , 565-569.		0
236	Hereditary colorectal cancer and brain tumor syndromes. , 2006, , 993-1001.		0
237	MOLECULAR BIOLOGY OF COLORECTAL CANCER. , 2008, , 867-896.		0
238	Molecular Genetics and Cancer Risks in Lynch Syndrome. , 2008, , 129-147.		0
239	Colon: Colorectal adenocarcinoma. Atlas of Genetics and Cytogenetics in Oncology and Haematology, 2011, , .	0.1	1
240	Genetics of Colon Cancer Susceptibility. , 2012, , 23-45.		0
241	Historical Development of Lynch Syndrome. , 2013, , 1-24.		0
242	Hereditary Cancer. , 2017, , 335-353.		1
243	Understanding Colorectal Cancer: The Basics. Diagnostics and Therapeutic Advances in GI Malignancies, 2020, , 93-115.	0.2	0
244	Paranglioma and Pheochromocytoma. , 2008, , 165-212.		0
245	The evolution of colorectal cancer genetics-Part 1: from discovery to practice. Journal of Gastrointestinal Oncology, 2014, 5, 326-35.	0.6	15
247	Entamoeba histolytica and Probable Effect on Production Microsatellite Instability in Colorectal Cancer. Current Microbiology, 2022, 79, 111.	1.0	1
248	Experimental method for haplotype phasing across the entire length of chromosome 21 in trisomy 21 cells using a chromosome elimination technique. Journal of Human Genetics, 2022, 67, 565-572.	1.1	2