A new statistical method for haplotype reconstruction from population data

DOI: 10.1086/319501
American Journal of Human Genetics, 2001, 68, 978-89.

#	Paper	IF	Citations
2267	Corporate and individual competences: how do they match the innovation process?. **1998**, 15, 836		25
2266	Prospects for association-based fine mapping of a susceptibility gene for a complex disease. **2001**, 60, 181-91		12
2265	Unusual haplotypic structure of IL8, a susceptibility locus for a common respiratory virus. *American Journal of Human Genetics*, **2001**, 69, 413-9	11	160
2264	Comparisons of two methods for haplotype reconstruction and haplotype frequency estimation from population data. *American Journal of Human Genetics*, **2001**, 69, 906-14	11	64
2263	Reply to Zhang et al.. *American Journal of Human Genetics*, **2001**, 69, 912-914	11	23
2262	Type 2 diabetes and three calpain-10 gene polymorphisms in Samoans: no evidence of association. *American Journal of Human Genetics*, **2001**, 69, 1236-44	11	89
2261	Finding genes influencing susceptibility to complex diseases in the post-genome era. **2001**, 1, 203-21		59
2260	Information technology tools for efficient SNP studies. **2001**, 1, 303-14		3
2259	Inference of haplotypes from samples of diploid populations: complexity and algorithms. **2001**, 8, 305-23		122
2258	Molecular Diagnostics of Polygenic Human Disease: Novel Strategies, Novel Perspectives. Molekulare Diagnostik polygener menschlicher Erkrankungen: neue Strategien, neue Perspektiven. **2001**, 25, 485-494		
2257	Association mapping: where we've been, where we're going. **2001**, 1, 334-42		5
2256	Associating Genes to Drug Response. **2002**, 36, 751-761		2
2255	Relative contribution of variation within the APOC3/A4/A5 gene cluster in determining plasma triglycerides. **2002**, 11, 3039-46		299
2254	A dynamic programming algorithm for haplotype block partitioning. **2002**, 99, 7335-9		274
2253	Population differences in haplotype structure within a human olfactory receptor gene cluster. **2002**, 11, 1381-90		25
2252	GENECOUNTING: haplotype analysis with missing genotypes. **2002**, 18, 1694-5		106
2251	Can long-range microsatellite data be used to predict short-range linkage disequilibrium?. **2002**, 11, 1363-72		20

2250	HapScope: a software system for automated and visual analysis of functionally annotated haplotypes. **2002**, 30, 5213-21		29
2249	Founder TIGR/myocilin mutations for glaucoma in the QuBec population. **2002**, 11, 2077-90		87
2248	How many SNPs does a genome-wide haplotype map require?. **2002**, 3, 379-91		86
2247	Haplotyping as perfect phylogeny. **2002**,		73
2246	Testing association of statistically inferred haplotypes with discrete and continuous traits in samples of unrelated individuals. **2002**, 53, 79-91		593
2245	Polymorphisms in toll-like receptor 4 are not associated with asthma or atopy-related phenotypes. **2002**, 166, 1449-56		138
2244	Specific haplotypes of the P-selectin gene are associated with myocardial infarction. **2002**, 11, 2015-23		133
2243	Integrating pharmacogenomics into drug development. **2002**, 3, 453-67		29
2242	A common haplotype of interleukin-4 gene IL4 is associated with severe respiratory syncytial virus disease in Korean children. **2002**, 186, 1207-11		144
2241	Gene-environment interactions--the BioBank UK study. **2002**, 2, 75-82		50
2240	Polymorphisms in a human kidney xenobiotic transporter, OCT2, exhibit altered function. **2002**, 12, 395-405		169
2239	Haplotype structure of the UDP-glucuronosyltransferase 1A1 promoter in different ethnic groups. **2002**, 12, 725-33		142
2238	Faster haplotype frequency estimation using unrelated subjects. **2002**, 53, 36-41		89
2237	TaqMan systems for genotyping of disease-related polymorphisms present in the gene encoding apolipoprotein E. **2002**, 40, 1123-31		110
2236	Single-nucleotide polymorphisms in the interleukin-10 gene: differences in frequencies, linkage disequilibrium patterns, and haplotypes in three United States ethnic groups. **2002**, 80, 223-8		59
2235	Turning SNPs into Useful Markers of Drug Response. 35-55		1
2234	Bayesian haplotype inference for multiple linked single-nucleotide polymorphisms. *American Journal of Human Genetics*, **2002**, 70, 157-69	11	531
2233	Complex signatures of natural selection at the Duffy blood group locus. *American Journal of Human Genetics*, **2002**, 70, 369-83	11	252

2232	Score tests for association between traits and haplotypes when linkage phase is ambiguous. *American Journal of Human Genetics*, **2002**, 70, 425-34	11	1581
2231	Extensive linkage disequilibrium in small human populations in Eurasia. *American Journal of Human Genetics*, **2002**, 70, 673-85	11	62
2230	Family-based analysis using a dense single-nucleotide polymorphism-based map defines genetic variation at PSORS1, the major psoriasis-susceptibility locus. *American Journal of Human Genetics*, **2002**, 71, 554-64	11	110
2229	Partition-ligation-expectation-maximization algorithm for haplotype inference with single-nucleotide polymorphisms. *American Journal of Human Genetics*, **2002**, 71, 1242-7	11	425
2228	Haplotype inference in random population samples. *American Journal of Human Genetics*, **2002**, 71, 1129-37	11	164
2227	Haplotype block structure and its applications to association studies: power and study designs. *American Journal of Human Genetics*, **2002**, 71, 1386-94	11	217
2226	The founder mutation MSH2*1906G-->C is an important cause of hereditary nonpolyposis colorectal cancer in the Ashkenazi Jewish population. *American Journal of Human Genetics*, **2002**, 71, 1395-412	11	109
2225	No evidence for involvement of the calpain-10 gene 'high-risk' haplotype combination for non-insulin-dependent diabetes mellitus in early onset obesity. **2002**, 76, 152-6		8
2224	Molecular haplotyping by pyrosequencing. **2002**, 33, 1104, 1106, 1108		16
2223	Proposal for an allele nomenclature system based on the evolutionary divergence of haplotypes. **2002**, 20, 463-72		24
2222	Cyclooxygenase 1 (COX1) polymorphisms in African-American and Caucasian populations. **2002**, 20, 409-10		66
2221	Effectiveness of computational methods in haplotype prediction. **2002**, 110, 148-56		69
2220	Sequence polymorphism at the human apolipoprotein AII gene (APOA2): unexpected deficit of variation in an African-American sample. **2002**, 111, 75-87		25
2219	Identification of single-nucleotide and repeat polymorphisms in two candidate genes, interleukin 4 receptor (IL4RA) and signal transducer and activator of transcription protein 6 (STAT6), for Th2-mediated diseases. **2002**, 47, 684-7		12
2218	Single nucleotide polymorphisms in innate immunity genes: abundant variation and potential role in complex human disease. **2002**, 190, 9-25		150
2217	Determination of probability distribution of diplotype configuration (diplotype distribution) for each subject from genotypic data using the EM algorithm. **2002**, 66, 183-193		82
2216	Distribution of HLA alleles in Portugal and Cabo Verde. Relationships with the slave trade route. **2002**, 66, 285-296		35
2215	The impact of genotyping error on haplotype reconstruction and frequency estimation. **2002**, 10, 616-22		66

2214	Association of low-density lipoprotein receptor polymorphisms and outcome of hepatitis C infection. **2002**, 3, 359-67	60
2213	Approximate likelihood methods for estimating local recombination rates. **2002**, 64, 657-680	63
2212	Haplotype structure and evidence for positive selection at the human IL13 locus. **2004**, 21, 29-35	28
2211	Functional genomic of the paraoxonase (PON1) polymorphisms: effects on pesticide sensitivity, cardiovascular disease, and drug metabolism. **2003**, 54, 371-92	214
2210	The Haplotyping problem: An overview of computational models and solutions. **2003**, 18, 675-688	86
2209	[Genetic risk factors for hepatic fibrosis in chronic liver diseases]. **2003**, 98, 754-62	4
2208	Haplotype analyses of cholesteryl ester transfer protein gene promoter: a clue to an unsolved mystery of TaqIB polymorphism. **2003**, 81, 246-55	41
2207	Lack of association between gene variants in the ALMS1 gene and Type 2 diabetes mellitus. **2003**, 46, 1023-4	12
2206	Genotype and haplotype distributions of MTHFR677C>T and 1298A>C single nucleotide polymorphisms: a meta-analysis. **2003**, 48, 1-7	98
2205	Complex haplotypes of IRS2 gene are associated with severe obesity and reveal heterogeneity in the effect of Gly1057Asp mutation. **2003**, 113, 34-43	43
2204	Markers informative for ancestry demonstrate consistent megabase-length linkage disequilibrium in the African American population. **2003**, 113, 211-9	30
2203	Association of erosive hand osteoarthritis with a single nucleotide polymorphism on the gene encoding interleukin-1 beta. **2003**, 11, 394-402	61
2202	SNP haplotype tagging from DNA pools of two individuals. **2003**, 4, 14	9
2201	Optimal step length EM algorithm (OSLEM) for the estimation of haplotype frequency and its application in lipoprotein lipase genotyping. **2003**, 4, 3	16
2200	Generic number systems and haplotype analysis. **2003**, 70, 1-9	7
2199	On the use of DNA pooling to estimate haplotype frequencies. **2003**, 24, 74-82	45
2198	Association between lipoprotein lipase (LPL) gene and blood lipids: a common variant for a common trait?. **2003**, 24, 309-21	25
2197	Linkage disequilibrium assessment via log-linear modeling of SNP haplotype frequencies. **2003**, 25, 106-14	9

2196	Mutational analysis of the BRCA1-interacting genes ZNF350/ZBRK1 and BRIP1/BACH1 among BRCA1 and BRCA2-negative probands from breast-ovarian cancer families and among early-onset breast cancer cases and reference individuals. **2003**, 22, 121-8	45
2195	Identification of variants in NFKBIA and association analysis with hepatocellular carcinoma risk among chronic HBV patients. **2003**, 21, 652-3	16
2194	Polymorphisms in fatty acid-binding protein-3 (FABP3) - putative association with type 2 diabetes mellitus. **2003**, 22, 180	14
2193	Association analysis of novel TBX21 variants with asthma phenotypes. **2003**, 22, 257	20
2192	Identification of novel variants in transforming growth factor-beta 1 (TGFB1) gene and association analysis with bone mineral density. **2003**, 22, 257-8	15
2191	Polymorphisms in the CYP1A1 gene are associated with prostate cancer risk. **2003**, 106, 375-8	49
2190	Association of the serotonin transporter gene with sudden infant death syndrome: a haplotype analysis. **2003**, 122A, 238-45	85
2189	The effect of HLA-DR on susceptibility to rheumatoid arthritis is influenced by the associated lymphotoxin alpha-tumor necrosis factor haplotype. **2003**, 48, 90-6	51
2188	Mapping the HLA association in Behçet's disease: a role for tumor necrosis factor polymorphisms?. **2003**, 48, 807-13	104
2187	High-throughput single-nucleotide polymorphism analysis of the IL1RN locus in patients with ankylosing spondylitis by matrix-assisted laser desorption ionization-time-of-flight mass spectrometry. **2003**, 48, 2011-8	45
2186	Detection of the four sequence variations of MDR1 gene using TaqMan MGB probe based real-time PCR and haplotype analysis in healthy Japanese subjects. **2003**, 36, 511-8	39
2185	The contribution of human leucocyte antigen complex genes to disease phenotype in ulcerative colitis. **2003**, 62, 527-35	79
2184	Nuclear DNA analyses in genetic studies of populations: practice, problems and prospects. **2003**, 12, 563-84	513
2183	Genetic analysis of PSORS1 distinguishes guttate psoriasis and palmoplantar pustulosis. **2003**, 120, 627-32	145
2182	Accelerated gene counting for haplotype frequency estimation. **2003**, 67, 608-12	10
2181	A functional haplotype in the 5' flanking region of the factor VII gene is associated with an increased risk of coronary heart disease. **2003**, 1, 2179-85	33
2180	Estimation of multilocus haplotype effects using weighted penalised log-likelihood: analysis of five sequence variations at the cholesteryl ester transfer protein gene locus. **2003**, 67, 175-84	41
2179	Polymorphisms in the CYP1B1 gene are associated with increased risk of prostate cancer. **2003**, 89, 1524-9	51

2178	Interferon-alpha receptor-1 (IFNAR1) variants are associated with protection against cerebral malaria in the Gambia. **2003**, 4, 275-82		72
2177	Complex haplotypic structure of the central MHC region flanking TNF in a West African population. **2003**, 4, 476-86		22
2176	Polymorphisms in the 5'-untranslated region of the human serotonin receptor 1B (HTR1B) gene affect gene expression. **2003**, 8, 901-10		73
2175	Effect of DRD2, 5-HT2A, and COMT genes on antipsychotic response to risperidone. **2003**, 3, 356-61		79
2174	Estimating recombination rates from population-genetic data. **2003**, 4, 959-68		163
2173	Association of a common polymorphism in the cyclooxygenase 2 gene with risk of non-small cell lung cancer. **2004**, 25, 229-35		166
2172	Associations between total serum IgE levels and the 6 potentially functional variants within the genes IL4, IL13, and IL4RA in German children: the German Multicenter Atopy Study. **2003**, 112, 382-8		80
2171	Recombination hotspots rather than population history dominate linkage disequilibrium in the MHC class II region. **2003**, 12, 33-40		85
2170	A haplotype constituted of four MMP-2 promoter polymorphisms (−1575G/A, −1306C/T, −790T/G and −735C/T) is associated with coronary triple-vessel disease. **2003**, 22, 585-585		
2169	Association of a disintegrin and metalloprotease 33 (ADAM33) gene with asthma in ethnically diverse populations. **2003**, 112, 717-22		169
2168	Family-based association analysis of beta2-adrenergic receptor polymorphisms in the childhood asthma management program. **2003**, 112, 870-6		110
2167	Association of TNF-alpha promoter polymorphisms with the clearance of hepatitis B virus infection. **2003**, 12, 2541-6		109
2166	Multipoint fine-scale linkage disequilibrium mapping: importance of modeling background LD. **2003** , 40, 343-366		4
2165	Novel functional polymorphisms in the UGT1A7 and UGT1A9 glucuronidating enzymes in Caucasian and African-American subjects and their impact on the metabolism of 7-ethyl-10-hydroxycamptothecin and flavopiridol anticancer drugs. **2003**, 307, 117-28		172
2164	Human paraoxonase gene cluster polymorphisms as predictors of coronary heart disease risk in the prospective Northwick Park Heart Study II. **2003**, 1639, 203-12		53
2163	The loss of statistical power to distinguish populations when certain samples are ambiguous. **2003**, 64, 177-92		3
2162	The utility of single nucleotide polymorphisms in inferences of population history. **2003**, 18, 249-256		455
2161	Estimation of haplotype frequencies, linkage-disequilibrium measures, and combination of haplotype copies in each pool by use of pooled DNA data. *American Journal of Human Genetics*, **2003**, 72, 384-98	11	49

2160	A novel NOD2/CARD15 haplotype conferring risk for Crohn disease in Ashkenazi Jews. *American Journal of Human Genetics*, **2003**, 72, 509-18	11	95
2159	A method for the assessment of disease associations with single-nucleotide polymorphism haplotypes and environmental variables in case-control studies. *American Journal of Human Genetics*, **2003**, 72, 1231-50	11	150
2158	An integrated haplotype map of the human major histocompatibility complex. *American Journal of Human Genetics*, **2003**, 73, 580-90	11	138
2157	Haplotypes in the dystrophin DNA segment point to a mosaic origin of modern human diversity. *American Journal of Human Genetics*, **2003**, 73, 994-1015	11	47
2156	Genomewide distribution of high-frequency, completely mismatching SNP haplotype pairs observed to be common across human populations. *American Journal of Human Genetics*, **2003**, 73, 1073-81	11	83
2155	A comparison of bayesian methods for haplotype reconstruction from population genotype data. *American Journal of Human Genetics*, **2003**, 73, 1162-9	11	2995
2154	Genetic anthropology of the colorectal cancer-susceptibility allele APC I1307K: evidence of genetic drift within the Ashkenazim. *American Journal of Human Genetics*, **2003**, 73, 1250-60	11	53
2153	Comparative linkage-disequilibrium analysis of the beta-globin hotspot in primates. *American Journal of Human Genetics*, **2003**, 73, 1330-40	11	89
2152	Search for haplotype interactions that influence susceptibility to type 1 diabetes, through use of unphased genotype data. *American Journal of Human Genetics*, **2003**, 73, 1385-401	11	8
2151	Finding genes underlying risk of complex disease by linkage disequilibrium mapping. **2003**, 13, 296-302		56
2150	Single-nucleotide polymorphisms in the Toll-like receptor 9 gene (TLR9): frequencies, pairwise linkage disequilibrium, and haplotypes in three U.S. ethnic groups and exploratory case-control disease association studies. **2003**, 81, 85-91		183
2149	Nucleotide variation, haplotype structure, and association with end-stage renal disease of the human interleukin-1 gene cluster. **2003**, 82, 194-217		42
2148	Haplotyping as perfect phylogeny: a direct approach. **2003**, 10, 323-40		91
2147	Haplotypic analysis of the TNF locus by association efficiency and entropy. **2003**, 4, R24		50
2146	Haplotype analysis in population genetics and association studies. **2003**, 4, 171-8		116
2145	Genotype-phenotype analysis of the Crohn's disease susceptibility haplotype on chromosome 5q31. **2003**, 52, 1133-9		120
2144	Genetic susceptibility to enteroaggregative Escherichia coli diarrhea: polymorphism in the interleukin-8 promotor region. **2003**, 188, 506-11		151
2143	Association of 5' estrogen receptor alpha gene polymorphisms with bone mineral density, vertebral bone area and fracture risk. **2003**, 12, 1745-54		147

2142	Haplotype analysis of distantly related populations implicates corneodesmosin in psoriasis susceptibility. **2003**, 40, 447-52	28
2141	Hepatic CYP2B6 expression: gender and ethnic differences and relationship to CYP2B6 genotype and CAR (constitutive androstane receptor) expression. **2003**, 307, 906-22	330
2140	Algorithms in Bioinformatics. **2003**,	0
2139	Association of Eotaxin gene family with asthma and serum total IgE. **2003**, 12, 1279-85	37
2138	Global haplotype diversity in the human insulin gene region. **2003**, 13, 2101-11	29
2137	Evolutionary conservation predicts function of variants of the human organic cation transporter, OCT1. **2003**, 100, 5902-7	241
2136	Amino acid variant in the kinase binding domain of dual-specific A kinase-anchoring protein 2: a disease susceptibility polymorphism. **2003**, 100, 4066-71	86
2135	Haplotype-specific linkage disequilibrium patterns define the genetic topography of the human MHC. **2003**, 12, 647-656	116
2134	Association of specific interleukin 1 gene cluster polymorphisms with increased susceptibility for Behcet's disease. **2003**, 42, 860-4	74
2133	Linkage disequilibrium and haplotype diversity in the genes of the renin-angiotensin system: findings from the family blood pressure program. **2003**, 13, 173-81	59
2132	Paraoxonase activity, but not haplotype utilizing the linkage disequilibrium structure, predicts vascular disease. **2003**, 23, 1465-71	110
2131	Discrete Mathematics and Theoretical Computer Science. **2003**,	1
2130	Polymorphism of the insulin gene is associated with increased prostate cancer risk. **2003**, 88, 263-9	38
2129	Direct molecular haplotyping of long-range genomic DNA with M1-PCR. **2003**, 100, 7449-53	120
2128	Multipoint linkage-disequilibrium mapping narrows location interval and identifies mutation heterogeneity. **2003**, 100, 13442-6	25
2127	Apolipoprotein AIV gene variant S347 is associated with increased risk of coronary heart disease and lower plasma apolipoprotein AIV levels. **2003**, 92, 969-75	63
2126	Haplotype information and linkage disequilibrium mapping for single nucleotide polymorphisms. **2003**, 13, 2112-7	25
2125	Fulminant Crohn's colitis after allogeneic stem cell transplantation. **2003**, 52, 1518-21	49

2124	Digital genotyping and haplotyping with polymerase colonies. **2003**, 100, 5926-31	130
2123	Estimating haplotype frequencies and standard errors for multiple single nucleotide polymorphisms. **2003**, 4, 513-22	75
2122	Efficient inference of haplotypes from genotypes on a pedigree. **2003**, 1, 41-69	61
2121	Interleukin 10 haplotype associated with increased risk of hepatocellular carcinoma. **2003**, 12, 901-6	118
2120	Nonsyndromic seizure disorders: epilepsy and the use of the internet to advance research. **2003**, 4, 437-57	1
2119	Efficient reconstruction of haplotype structure via perfect phylogeny. **2003**, 1, 1-20	82
2118	Estimation and tests of haplotype-environment interaction when linkage phase is ambiguous. **2003**, 55, 56-65	393
2117	Minimal haplotype tagging. **2003**, 100, 9900-5	148
2116	Recombinant human intrinsic factor expressed in plants is suitable for use in measurement of vitamin B12. **2003**, 49, 2081-3	7
2115	Variants of the chemokine receptor CCR5 are associated with severe bronchiolitis caused by respiratory syncytial virus. **2003**, 188, 904-7	64
2114	GAD2 on chromosome 10p12 is a candidate gene for human obesity. **2003**, 1, E68	101
2113	Haplotype structure of the UDP-glucuronosyltransferase 1A1 (UGT1A1) gene and its relationship to serum total bilirubin concentration in a male Korean population. **2003**, 49, 2078-81	51
2112	Haplotype inference by maximum parsimony. **2003**, 19, 1773-80	113
2111	LDA--a java-based linkage disequilibrium analyzer. **2003**, 19, 2147-8	117
2110	Functional characterization in yeast of genetic variants in the human equilibrative nucleoside transporter, ENT1. **2003**, 13, 297-301	63
2109	Myeloperoxidase. **2003**, 13, 729-739	31
2108	An association study of angiotensinogen polymorphisms with serum level and hypertension in an African-American population. **2003**, 21, 1847-52	20
2107	Histamine N-methyltransferase gene polymorphisms in Chinese and their relationship with enzyme activity in erythrocytes. **2003**, 13, 389-97	17

2106	Association between ABCB1 (multidrug resistance transporter) genotype and post-liver transplantation renal dysfunction in patients receiving calcineurin inhibitors. **2003**, 13, 661-74	74
2105	Angiotensinogen gene polymorphism, again?. **2003**, 21, 1815-8	2
2104	Sequence diversity and haplotype structure in the human ABCB1 (MDR1, multidrug resistance transporter) gene. **2003**, 13, 481-94	335
2103	Haplotype tagging single nucleotide polymorphisms and association studies. **2003**, 56, 48-55	53
2102	Gametic phase estimation over large genomic regions using an adaptive window approach. **2003**, 1, 7-19	82
2101	Haplotype frequency estimation in the presence of genotyping errors. **2003**, 56, 131-8	14
2100	Minimum Recombinant Haplotype Configuration on Tree Pedigrees. **2003**, 339-353	18
2099	Genetic variation in genes associated with arsenic metabolism: glutathione S-transferase omega 1-1 and purine nucleoside phosphorylase polymorphisms in European and indigenous Americans. **2003**, 111, 1421-7	48
2098	Estimation of linkage disequilibrium in a sample of the United Kingdom dairy cattle population using unphased genotypes. **2003**, 81, 617-23	53
2097	Human inter-individual DNA sequence variation in candidate genes, drug targets, the importance of haplotypes and pharmacogenomics. **2003**, 4, 351-78	35
2096	Genetic and environmental influences on the fibrinolytic system: a twin study. **2004**, 92, 344-51	30
2095	Molecular mechanisms of cholesteryl ester transfer protein deficiency in Japanese. **2004**, 11, 110-21	86
2094	Plasma fibrinogen concentration predicts the risk of myocardial infarction differently in various parts of Europe: effects of beta-fibrinogen genotype and environmental factors. The HIFMECH Study. **2004**, 92, 1240-9	8
2093	Height in pre- and postmenopausal women is influenced by estrogen receptor alpha gene polymorphisms. **2004**, 89, 303-9	60
2092	Signal transducer and activator of transcription 6 haplotypes and asthma in the Indian population. **2004**, 31, 317-21	21
2091	Maximum likelihood resolution of multi-block genotypes. **2004**,	12
2090	An exact solution for finding minimum recombinant haplotype configurations on pedigrees with missing data by integer linear programming. **2004**,	20
2089	Molecular evolution of microcephalin, a gene determining human brain size. **2004**, 13, 1131-7	120

2088	A note on efficient computation of haplotypes via perfect phylogeny. **2004**, 11, 858-66	25
2087	Disentangling the effects of demography and selection in human history. **2005**, 22, 63-73	165
2086	Sequence variants of toll-like receptor 4 are associated with prostate cancer risk: results from the CAncer Prostate in Sweden Study. **2004**, 64, 2918-22	199
2085	Assessment of association between variants and haplotypes of the remaining TBX1 gene and manifestations of congenital heart defects in 22q11.2 deletion patients. **2004**, 41, e40	21
2084	Haplotype and missing data inference in nuclear families. **2004**, 14, 1624-32	36
2083	Association of tumor necrosis factor polymorphisms with asthma and serum total IgE. **2004**, 13, 397-403	77
2082	Cytotoxic T-lymphocyte antigen 4 gene and recovery from hepatitis B virus infection. **2004**, 78, 11258-62	98
2081	Arachidonate lipoxygenase (ALOX) and cyclooxygenase (COX) polymorphisms and colon cancer risk. **2004**, 25, 2467-72	62
2080	Putative ancestral origins of chromosomal segments in individual african americans: implications for admixture mapping. **2004**, 14, 1076-84	34
2079	Association of BDNF with anorexia, bulimia and age of onset of weight loss in six European populations. **2004**, 13, 1205-12	168
2078	Polymorphisms of folate metabolic genes and susceptibility to bladder cancer: a case-control study. **2004**, 25, 1639-47	65
2077	Association of the connexin36 gene with juvenile myoclonic epilepsy. **2004**, 41, e93	62
2076	Simultaneous estimation of haplotype frequencies and quantitative trait parameters: applications to the test of association between phenotype and diplotype configuration. **2004**, 168, 525-39	13
2075	Genetics of the APM1 locus and its contribution to type 2 diabetes susceptibility in French Caucasians. **2004**, 53, 2977-83	61
2074	Positive association of the DIO2 (deiodinase type 2) gene with mental retardation in the iodine-deficient areas of China. **2004**, 41, 585-90	61
2073	Computational Methods for SNPs and Haplotype Inference. **2004**,	5
2072	Estrogen receptor alpha gene polymorphisms and risk of myocardial infarction. **2004**, 291, 2969-77	170
2071	Hitchhiking and recombination in birds: evidence from Mhc-linked and unlinked loci in Red-winged Blackbirds (Agelaius phoeniceus). **2004**, 84, 175-92	33

2070	Influence of human leukocyte antigen class II alleles on susceptibility to Entamoeba histolytica infection in Bangladeshi children. **2004**, 189, 520-6	68
2069	Genetic analysis of the RNASEL gene in hereditary, familial, and sporadic prostate cancer. **2004**, 10, 7150-6	73
2068	p53 polymorphism and p21WAF1/CIP1 haplotype in the intestinal gastric cancer and the precancerous lesions. **2004**, 25, 2201-6	37
2067	Haplotypes in the APOA1-C3-A4-A5 gene cluster affect plasma lipids in both humans and baboons. **2004**, 13, 1049-56	24
2066	The effect of transforming growth factor beta1 gene polymorphisms in ankylosing spondylitis. **2004**, 43, 32-8	18
2065	Gender-specific influence of NO synthase gene on blood pressure since childhood: the Bogalusa Heart Study. **2004**, 44, 668-73	42
2064	TOLL-like receptor 10 genetic variation is associated with asthma in two independent samples. **2004**, 170, 594-600	112
2063	Polymorphisms in type II SH2 domain-containing inositol 5-phosphatase (INPPL1, SHIP2) are associated with physiological abnormalities of the metabolic syndrome. **2004**, 53, 1900-4	72
2062	Primary open angle glaucoma is associated with a specific p53 gene haplotype. **2004**, 41, 296-8	21
2061	Haplotypic analyses of the IGF2-INS-TH gene cluster in relation to cardiovascular risk traits. **2004**, 13, 715-25	49
2060	Corticosteroid pharmacogenetics: association of sequence variants in CRHR1 with improved lung function in asthmatics treated with inhaled corticosteroids. **2004**, 13, 1353-9	267
2059	UDP-glucuronosyltransferase (UGT) 2B15 pharmacogenetics: UGT2B15 D85Y genotype and gender are major determinants of oxazepam glucuronidation by human liver. **2004**, 310, 656-65	94
2058	Genetic structure adds power to detect schizophrenia susceptibility at SLIT3 in the Chinese Han population. **2004**, 14, 1345-9	33
2057	Evidence for a complex demographic history of chimpanzees. **2004**, 21, 799-808	104
2056	Breed distribution and history of canine mdr1-1Delta, a pharmacogenetic mutation that marks the emergence of breeds from the collie lineage. **2004**, 101, 11725-30	139
2055	Polymorphisms of cardiac presynaptic alpha2C adrenergic receptors: Diverse intragenic variability with haplotype-specific functional effects. **2004**, 101, 13020-5	48
2054	The microsomal triglyceride transfer protein gene-493T variant lowers cholesterol but increases the risk of coronary heart disease. **2004**, 109, 2279-84	59
2053	Functional and genetic diversity in the concentrative nucleoside transporter, CNT1, in human populations. **2004**, 65, 512-9	70

2052	The insulin-like growth factor-1 pathway mediator genes: SHC1 Met300Val shows a protective effect in breast cancer. **2004**, 25, 2473-8	24
2051	Differential genetic effects of ESR1 gene polymorphisms on osteoporosis outcomes. **2004**, 292, 2105-14	238
2050	Evidence of admixture from haplotyping in an epidemiological study of UK Caucasian males: implications for association analyses. **2004**, 57, 142-55	12
2049	The reliability of haplotyping inference in nuclear families: misassignment rates for SNPs and microsatellites. **2004**, 57, 117-27	5
2048	Comparison of haplotype inference methods using genotypic data from unrelated individuals. **2004** , 58, 63-8	12
2047	Genotypes and haplotypes predisposing to myocardial infarction: a multilocus case-control study. **2004**, 25, 459-67	110
2046	Dopamine D3 receptor gene polymorphisms, blood pressure and nephropathy in type 1 diabetic patients. **2004**, 19, 1432-6	5
2045	Interleukin-10 promoter microsatellite polymorphisms in systemic lupus erythematosus: association with the anti-Sm immune response. **2004**, 43, 1357-63	17
2044	Haplotype analysis and identification of genes for a complex trait: examples from schizophrenia. **2004**, 36, 322-31	11
2043	Promoter variants in tissue inhibitor of metalloproteinase-3 (TIMP-3) protect against susceptibility in pigeon breeders' disease. **2004**, 59, 586-90	26
2042	Association test algorithm between a qualitative phenotype and a haplotype or haplotype set using simultaneous estimation of haplotype frequencies, diplotype configurations and diplotype-based penetrances. **2004**, 168, 2339-48	25
2041	Application of coalescent methods to reveal fine-scale rate variation and recombination hotspots. **2004**, 167, 2067-81	58
2040	Pleiotropic effects of the 8.1 HLA haplotype in patients with autoimmune myasthenia gravis and thymus hyperplasia. **2004**, 101, 15464-9	73
2039	Identification of CYP2B6 sequence variants by use of multiplex PCR with allele-specific genotyping. **2004**, 50, 1372-7	45
2038	Estrogen receptor genotypes and haplotypes associated with breast cancer risk. **2004**, 64, 8891-900	90
2037	Deriving haplotypes through recombination and gene conversion pathways. **2004**, 2, 241-56	3
2036	HLA-B60 and B61 are strongly associated with ankylosing spondylitis in HLA-B27-negative Taiwan Chinese patients. **2004**, 43, 839-42	67
2035	DNMT3B polymorphisms and risk of primary lung cancer. **2005**, 26, 403-9	108

2034 Haplotype reconstruction from genotype data using Imperfect Phylogeny. **2004**, 20, 1842-9 169

2033 Association between variation in the actin-binding gene caldesmon and diabetic nephropathy in type 1 diabetes. **2004**, 53, 1162-5 14

2032 GOLDsurfer: three dimensional display of linkage disequilibrium. **2004**, 20, 3241-3 17

2031 Common DNase I polymorphism associated with autoantibody production among systemic lupus erythematosus patients. **2004**, 13, 2343-50 57

2030 Genetic diversity patterns in the SR-BI/II locus can be explained by a recent selective sweep. **2004**, 21, 760-9 13

2029 C-reactive protein genotypes affect baseline, but not exercise training-induced changes, in C-reactive protein levels. **2004**, 24, 1874-9 69

2028 VEGF gene polymorphisms and susceptibility to rheumatoid arthritis. **2004**, 43, 1173-7 78

2027 Genetic polymorphisms in peroxisome proliferator-activated receptor delta associated with obesity. **2004**, 53, 847-51 77

2026 Bayesian haplo-type inference via the dirichlet process. **2004**, 7

2025 Optimal selection of SNP markers for disease association studies. **2004**, 58, 190-202 55

2024 Perfect phylogeny and haplotype assignment. **2004**, 21

2023 Absence of the TAP2 human recombination hotspot in chimpanzees. **2004**, 2, e155 98

2022 Construction of fine SNP haplotypes and haplotype blocks in 5 genes in the centromere of chromosome 15 in Chinese Han subjects. **2004**, 49, 1044 3

2021 Genetic effect of two polymorphisms in the apolipoprotein A5 gene and apolipoprotein C3 gene on serum lipids and lipoproteins levels in a Chinese population. **2004**, 65, 470-6 44

2020 A_16_C haplotype in the FcepsilonRIbeta gene confers a higher risk for atopic asthma in the Indian population. **2004**, 66, 417-25 11

2019 Markers, old and new, for examining Phytophthora infestans diversity. **2004**, 53, 692-704 90

2018 Patient interleukin-18 GCG haplotype associates with improved survival and decreased transplant-related mortality after unrelated-donor bone marrow transplantation. **2004**, 126, 704-10 28

2017 Characterization of a promoter polymorphism in the glucocorticoid receptor gene and its relationship to three other polymorphisms. **2004**, 61, 573-81 49

2016	Strong genetic clines and geographical variation in gene flow in the rocky intertidal barnacle Balanus glandula. **2004**, 13, 2143-56	214
2015	Distribution of genetic variation in the growth hormone 1 gene in Atlantic salmon (Salmo salar) populations from Europe and North America. **2004**, 13, 3857-69	16
2014	The differential effect of genetic variation on soluble CD14 levels in human plasma and milk. **2004**, 52, 204-11	23
2013	Association of tryptophan hydroxylase gene polymorphism with depression, anxiety and comorbid depression and anxiety in a population-based sample of postpartum Taiwanese women. **2004**, 3, 328-36	43
2012	Genetic variation in COL17A1 and the development of bullous pemphigoid. **2004**, 13, 140-7	6
2011	Variation in an intron sequence of the voltage-gated sodium channel gene correlates with genetic differentiation between Anopheles gambiae s.s. molecular forms. **2004**, 13, 371-7	28
2010	HLA-DQB1, -DQA1, -DRB1 linkage disequilibrium and haplotype diversity in a Mestizo population from Guadalajara, Mexico. **2004**, 63, 458-65	7
2009	Macrophage migration inhibitory factor gene polymorphism is associated with psoriasis. **2004**, 123, 484-7	61
2008	Evidence for substantial fine-scale variation in recombination rates across the human genome. **2004**, 36, 700-6	233
2007	Genetic dissection of a behavioral quantitative trait locus shows that Rgs2 modulates anxiety in mice. **2004**, 36, 1197-202	249
2006	The Bayesian revolution in genetics. **2004**, 5, 251-61	328
2005	Interleukin-1 gene cluster polymorphisms and susceptibility to clinical malaria in a Gambian case-control study. **2004**, 12, 132-8	53
2004	Human X-chromosomal lineages in Europe reveal Middle Eastern and Asiatic contacts. **2004**, 12, 301-11	19
2003	Comprehensive evaluation of the association between prostate cancer and genotypes/haplotypes in CYP17A1, CYP3A4, and SRD5A2. **2004**, 12, 321-32	42
2002	Handling missing values in population data: consequences for maximum likelihood estimation of haplotype frequencies. **2004**, 12, 805-12	24
2001	Cox proportional hazards survival regression in haplotype-based association analysis using the Stochastic-EM algorithm. **2004**, 12, 971-4	57
2000	Molecular diversity at the CYP2D6 locus in the Mediterranean region. **2004**, 12, 916-24	43
1999	New insights on the evolution of the SMN1 and SMN2 region: simulation and meta-analysis for allele and haplotype frequency calculations. **2004**, 12, 1015-23	98

1998	Evidence for a cluster of genes on chromosome 17q11-q21 controlling susceptibility to tuberculosis and leprosy in Brazilians. **2004**, 5, 46-57	121
1997	A review of the MHC genetics of rheumatoid arthritis. **2004**, 5, 151-7	195
1996	An analysis of tumor necrosis factor alpha gene polymorphisms and haplotypes with natural clearance of hepatitis C virus infection. **2004**, 5, 294-300	40
1995	TCR beta polymorphisms and multiple sclerosis. **2004**, 5, 337-42	14
1994	Extended haplotypes and linkage disequilibrium in the IL1R1-IL1A-IL1B-IL1RN gene cluster: association with knee osteoarthritis. **2004**, 5, 451-60	111
1993	Sequence analysis of the mannose-binding lectin (MBL2) gene reveals a high degree of heterozygosity with evidence of selection. **2004**, 5, 461-76	70
1992	Genomic profiling of interpopulation diversity guides prioritization of candidate-genes for autoimmunity. **2004**, 5, 493-504	10
1991	Haplotype structure of inflammatory cytokines genes (IL1B, IL6 and TNF/LTA) in US Caucasians and African Americans. **2004**, 5, 505-12	28
1990	HLA-DRB1, TAP2/TAP1, and HLA-DPB1 haplotypes in Finnish juvenile idiopathic arthritis: more complexity within the MHC. **2004**, 5, 562-71	6
1989	Genetic risk factors for infection in patients with early rheumatoid arthritis. **2004**, 5, 641-7	30
1988	Association of estrogen receptor beta gene polymorphisms with bulimic disease in women. **2004**, 9, 28-34	68
1987	Polymorphisms within 5' end of the Neuregulin 1 gene are genetically associated with schizophrenia in the Chinese population. **2004**, 9, 11-2	96
1986	No association between polymorphisms of methylenetetrahydrofolate reductase gene and schizophrenia in both Chinese and Scottish populations. **2004**, 9, 1063-5	26
1985	Warfarin sensitivity related to CYP2C9, CYP3A5, ABCB1 (MDR1) and other factors. **2004**, 4, 40-8	161
1984	Using germ-line genetic variation to investigate and treat cancer. **2004**, 9, 610-8	9
1983	Identification of two novel single nucleotide polymorphisms in the promoter of the human interleukin-18 receptor alpha. **2004**, 31, 27-9	2
1982	Evaluating association and transmission of eight inflammatory genes with Viliuisk encephalomyelitis susceptibility. **2004**, 31, 121-8	7
1981	Positive selection on MMP3 regulation has shaped heart disease risk. **2004**, 14, 1531-9	64

1980	Functional implications of genetic polymorphisms in the multidrug resistance gene MDR1 (ABCB1). **2004**, 21, 904-13	91
1979	Influence of LRP5 polymorphisms on normal variation in BMD. **2004**, 19, 1619-27	108
1978	Ubiquitin-associated domain mutations of SQSTM1 in Paget's disease of bone: evidence for a founder effect in patients of British descent. **2005**, 20, 227-31	40
1977	Haplotype block and superblock structures of the alpha1-adrenergic receptor genes reveal echoes from the chromosomal past. **2004**, 272, 519-29	7
1976	Haplotype mapping of the bronchiolitis susceptibility locus near IL8. **2004**, 114, 272-9	48
1975	The effects of scale: variation in the APOA1/C3/A4/A5 gene cluster. **2004**, 115, 36-56	40
1974	Association between evolutionary history of angiotensinogen haplotypes and plasma levels. **2004**, 115, 310-8	9
1973	Comparison of the genomic structure and variation in the two human sodium-dependent vitamin C transporters, SLC23A1 and SLC23A2. **2004**, 115, 285-94	52
1972	Haplotype architecture of the norepinephrine transporter gene SLC6A2 in four populations. **2004**, 49, 232-45	6
1971	Identification of variants in cyclin D1 (CCND1) and B-Cell CLL/lymphoma 2 (BCL2). **2004**, 49, 449-454	33
1970	Interleukin 3 (IL3) polymorphisms associated with decreased risk of asthma and atopy. **2004**, 49, 517-527	45
1969	Association analyses of DNA methyltransferase-1 (DNMT1) polymorphisms with systemic lupus erythematosus. **2004**, 49, 642-646	27
1968	Construction of fine SNP haplotypes and haplotype blocks in 5 genes in the centromere of chromosome 15 in Chinese Han subjects. **2004**, 49, 1044-1051	3
1967	Common genetic polymorphisms in the promoter of resistin gene are major determinants of plasma resistin concentrations in humans. **2004**, 47, 559-565	113
1966	Single nucleotide polymorphisms of protein tyrosine phosphatase 1B gene are associated with obesity in morbidly obese French subjects. **2004**, 47, 1278-1284	31
1965	alpha2-Heremans-Schmid glycoprotein gene polymorphisms are associated with adipocyte insulin action. **2004**, 47, 1974-9	57
1964	Single nucleotide polymorphisms and haplotypes of histamine N-methyltransferase in patients with gastric ulcer. **2004**, 53, 484-8	12
1963	Model-based inference of recombination hotspots in a highly variable oncogene [corrected]. **2004**, 58, 239-51	4

1962	Patterns of linkage disequilibrium and haplotype distribution in disease candidate genes. **2004**, 5, 11	26
1961	Comparison of the accuracy of methods of computational haplotype inference using a large empirical dataset. **2004**, 5, 22	50
1960	A new algorithm for haplotype-based association analysis: the Stochastic-EM algorithm. **2004**, 68, 165-77	246
1959	Notes on the maximum likelihood estimation of haplotype frequencies. **2004**, 68, 257-64	6
1958	Linkage disequilibrium and haplotype architecture for two ABC transporter genes (ABCC1 and ABCG2) in Chinese population: implications for pharmacogenomic association studies. **2004**, 68, 563-73	27
1957	A functional haplotype of the PADI4 gene associated with rheumatoid arthritis in a Japanese population is not associated in a United Kingdom population. **2004**, 50, 1117-21	170
1956	Dissection of class III major histocompatibility complex haplotypes associated with rheumatoid arthritis. **2004**, 50, 2122-9	49
1955	Reply. **2004**, 50, 2035-2036	
1954	The influence of genetic variation in the HLA-DRB1 and LTA-TNF regions on the response to treatment of early rheumatoid arthritis with methotrexate or etanercept. **2004**, 50, 2750-6	140
1953	Reconstructing haplotypes in pedigrees: importance of parental information. **2004**, 124A, 107-9	2
1952	Re-screening serotonin receptors for genetic variants identifies population and molecular genetic complexity. **2004**, 124B, 92-100	11
1951	Allelic and haplotypic association of GABRA2 with alcohol dependence. **2004**, 129B, 104-9	229
1950	Molecular epidemiology of spinocerebellar ataxia type 6. **2004**, 55, 752-5	42
1949	Family-based tests for associating haplotypes with general phenotype data: application to asthma genetics. **2004**, 26, 61-9	371
1948	Power of direct vs. indirect haplotyping in association studies. **2004**, 26, 116-24	13
1947	Haplotype-based association analysis in cohort studies of unrelated individuals. **2004**, 26, 255-64	40
1946	Maximum-likelihood estimation of haplotype frequencies in nuclear families. **2004**, 27, 21-32	181
1945	A hidden Markov modeling approach for admixture mapping based on case-control data. **2004**, 27, 225-39	22

1944	Algorithms for inferring haplotypes. **2004**, 27, 334-47	138
1943	The role of haplotypes in candidate gene studies. **2004**, 27, 321-33	307
1942	BSEP and MDR3 haplotype structure in healthy Caucasians, primary biliary cirrhosis and primary sclerosing cholangitis. **2004**, 39, 779-91	154
1941	Association of estrogen receptor alpha polymorphisms with susceptibility to chronic hepatitis B virus infection. **2004**, 40, 318-26	83
1940	Haplotype-tagging RANTES gene variants influence response to antiviral therapy in chronic hepatitis C. **2004**, 40, 327-34	31
1939	High-Density SNP genotyping defines 17 distinct haplotypes of the TNF block in the Caucasian population: implications for haplotype tagging. **2004**, 24, 517-25	31
1938	A paradigm for single nucleotide polymorphism analysis: the case of the acetylcholinesterase gene. **2004**, 24, 408-16	20
1937	Variants in TNFRSF5 locus and association analysis with Hepatitis B virus (HBV) infection. **2004**, 23, 99-100	14
1936	Association of DNA repair gene XRCC1 polymorphisms with head and neck cancer in Korean population. **2004**, 111, 805-8	62
1935	Polymorphisms and haplotype structures in genes for transforming growth factor beta1 and its receptors in familial and unselected breast cancers. **2004**, 112, 94-9	84
1934	Haplotype block partitioning and tag SNP selection using genotype data and their applications to association studies. **2004**, 14, 908-16	119
1933	Molecular genetics of myocardial infarction: many genes, more questions than answers. **2004**, 25, 451-3	8
1932	Model-based inference of haplotype block variation. **2004**, 11, 493-504	45
1931	Functional haplotypes in the promoter of matrix metalloproteinase-2 predict risk of the occurrence and metastasis of esophageal cancer. **2004**, 64, 7622-8	162
1930	The rare ERBB2 variant Ile654Val is associated with an increased familial breast cancer risk. **2005**, 26, 643-7	56
1929	Extensive and breed-specific linkage disequilibrium in Canis familiaris. **2004**, 14, 2388-96	219
1928	Identification of genetic variants in base excision repair pathway and their associations with risk of esophageal squamous cell carcinoma. **2004**, 64, 4378-84	196
1927	A common polymorphism in the upstream promoter region of the hepatocyte nuclear factor-4 alpha gene on chromosome 20q is associated with type 2 diabetes and appears to contribute to the evidence for linkage in an ashkenazi jewish population. **2004**, 53, 1134-40	195

1926	Association of vitamin D receptor gene polymorphisms with childhood and adult asthma. **2004**, 170, 1057-65		205
1925	Selecting a maximally informative set of single-nucleotide polymorphisms for association analyses using linkage disequilibrium. *American Journal of Human Genetics*, **2004**, 74, 106-20	11	1334
1924	Haplotype diversity across 100 candidate genes for inflammation, lipid metabolism, and blood pressure regulation in two populations. *American Journal of Human Genetics*, **2004**, 74, 610-22	11	146
1923	MSH2 c.1452-1455delAATG is a founder mutation and an important cause of hereditary nonpolyposis colorectal cancer in the southern Chinese population. *American Journal of Human Genetics*, **2004**, 74, 1035-42	11	31
1922	Large-scale single-nucleotide polymorphism (SNP) and haplotype analyses, using dense SNP Maps, of 199 drug-related genes in 752 subjects: the analysis of the association between uncommon SNPs within haplotype blocks and the haplotypes constructed with haplotype-tagging SNPs. *American Journal of Human Genetics*, **2004**, 75, 190-203	11	83
1921	Polymorphisms in the sclerosteosis/van Buchem disease gene (SOST) region are associated with bone-mineral density in elderly whites. *American Journal of Human Genetics*, **2004**, 75, 1032-45	11	111
1920	ADAM33 polymorphisms and phenotype associations in childhood asthma. **2004**, 113, 1071-8		101
1919	An association between polymorphisms of the interleukin-10 gene promoter and schizophrenia in the Chinese population. **2004**, 71, 179-83		51
1918	Genetic variation in eleven phase I drug metabolism genes in an ethnically diverse population. **2004** , 5, 895-931		195
1917	Haplotype parsing: methods for extracting information from human genetic variations. **2004**, 3, 181-91		1
1916	Algorithms in Bioinformatics. **2004**,		
1915	Interferon-gamma receptor 1 promoter polymorphisms: population distribution and functional implications. **2004**, 112, 113-9		34
1914	Genetic evidence for recombination in Candida albicans based on haplotype analysis. **2004**, 41, 553-62		65
1913	Analysis of common IL-6 promoter SNP variants and the AnTn tract in humans and primates and effects on plasma IL-6 levels following coronary artery bypass graft surgery. **2004**, 1688, 160-7		27
1912	Association of G72/G30 with schizophrenia in the Chinese population. **2004**, 319, 1281-6		91
1911	Direct determination of MUC5B promoter haplotypes based on the method of single-strand conformation polymorphism and their statistical estimation. **2004**, 84, 613-22		10
1910	ADLAPH: A molecular haplotyping method based on allele-discriminating long-range PCR. **2004**, 84, 600-12		17
1909	Frequency distribution of the Los Angeles and Duarte galactose-1-phosphate uridyltransferase variant alleles in the Irish population. **2004**, 82, 345-7		5

1908	One potato, two potato: haplotype association mapping in autotetraploids. **2004**, 9, 441-8		46
1907	SNPs in ecology, evolution and conservation. **2004**, 19, 208-216		698
1906	Association of tumor necrosis factor and human leukocyte antigen DRB1 alleles with Graves' ophthalmopathy. **2004**, 65, 632-9		45
1905	A haplotype constituted of four MMP-2 promoter polymorphisms (-1575G/A, -1306C/T, -790T/G and -735C/T) is associated with coronary triple-vessel disease. **2004**, 22, 585-91		58
1904	Genomic organization and sequence variation of the human integrin subunit alpha8 gene (ITGA8). **2004**, 23, 487-96		11
1903	Pharmacogenetic study of statin therapy and cholesterol reduction. **2004**, 291, 2821-7		325
1902	A Monte Carlo approach for estimation of haplotype probabilities in half-sib families. **2004**, 87, 4303-10		19
1901	Both rare and common polymorphisms contribute functional variation at CHGA, a regulator of catecholamine physiology. *American Journal of Human Genetics*, **2004**, 74, 197-207	11	91
1900	Incorporating genotyping uncertainty in haplotype inference for single-nucleotide polymorphisms. *American Journal of Human Genetics*, **2004**, 74, 495-510	11	34
1899	Little loss of information due to unknown phase for fine-scale linkage-disequilibrium mapping with single-nucleotide-polymorphism genotype data. *American Journal of Human Genetics*, **2004**, 74, 945-53	11	62
1898	Graphical modeling of the joint distribution of alleles at associated loci. *American Journal of Human Genetics*, **2004**, 74, 1088-101	11	36
1897	Extended linkage disequilibrium surrounding the hemoglobin E variant due to malarial selection. *American Journal of Human Genetics*, **2004**, 74, 1198-208	11	97
1896	Linkage disequilibrium mapping via cladistic analysis of single-nucleotide polymorphism haplotypes. *American Journal of Human Genetics*, **2004**, 75, 35-43	11	168
1895	The IL12B gene is associated with asthma. *American Journal of Human Genetics*, **2004**, 75, 709-15	11	71
1894	Disrupted in schizophrenia 1 (DISC1): association with schizophrenia, schizoaffective disorder, and bipolar disorder. *American Journal of Human Genetics*, **2004**, 75, 862-72	11	364
1893	Finding haplotype tagging SNPs by use of principal components analysis. *American Journal of Human Genetics*, **2004**, 75, 850-61	11	93
1892	CYP3A variation and the evolution of salt-sensitivity variants. *American Journal of Human Genetics*, **2004**, 75, 1059-69	11	238
1891	A New Integer Programming Formulation for the Pure Parsimony Problem in Haplotype Analysis. **2004**, 254-265		23

1890	High plasma pravastatin concentrations are associated with single nucleotide polymorphisms and haplotypes of organic anion transporting polypeptide-C (OATP-C, SLCO1B1). **2004**, 14, 429-40	358
1889	Identification of common polymorphisms in the promoter of the UGT1A9 gene: evidence that UGT1A9 protein and activity levels are strongly genetically controlled in the liver. **2004**, 14, 501-15	173
1888	Angiotensinogen promoter haplotypes are associated with blood pressure in untreated hypertensives. **2004**, 22, 1289-97	22
1887	Obesity reveals an association between blood pressure and the G-protein beta3-subunit gene: a study of female dizygotic twins. **2004**, 14, 419-27	33
1886	Cytokine gene polymorphisms and risks of acute rejection and delayed graft function after kidney transplantation. **2004**, 78, 1422-8	61
1885	Genetic variation in dopaminergic pathways and short-term effectiveness of the nicotine patch. **2004**, 14, 83-90	129
1884	Genetic polymorphisms in the multidrug resistance-associated protein 3 (ABCC3, MRP3) gene and relationship to its mRNA and protein expression in human liver. **2004**, 14, 155-64	105
1883	Complex haplotype structure of the human GNAS gene identifies a recombination hotspot centred on a single nucleotide polymorphism widely used in association studies. **2004**, 14, 741-7	12
1882	Upstream and coding region CYP2C9 polymorphisms: correlation with warfarin dose and metabolism. **2004**, 14, 813-22	82
1881	Variable expression of P-glycoprotein in the human placenta and its association with mutations of the multidrug resistance 1 gene (MDR1, ABCB1). **2004**, 14, 309-18	96
1880	Determination and analysis of single nucleotide polymorphisms and haplotype structure of the human carboxylesterase 2 gene. **2004**, 14, 595-605	41
1879	Effects of PPARalpha, gamma and delta haplotypes on plasma levels of lipids, severity and progression of coronary atherosclerosis and response to statin therapy in the lipoprotein coronary atherosclerosis study. **2004**, 14, 61-71	45
1878	Pharmacogenetic determinants of interindividual variability in bupropion hydroxylation by cytochrome P450 2B6 in human liver microsomes. **2004**, 14, 225-38	173
1877	Increasing power for tests of genetic association in the presence of phenotype and/or genotype error by use of double-sampling. **2004**, 3, Article26	55
1876	Interleukin-10 and tumor necrosis factor alpha region haplotypes predict transplant-related mortality after unrelated donor stem cell transplantation. **2004**, 103, 3599-602	56
1875	Haplotype mapping. **2004**,	
1874	A survey of current software for haplotype phase inference. **2004**, 1, 141-4	10
1873	The impact of sample size and marker selection on the study of haplotype structures. **2004**, 1, 179-93	20

1872	Characterisation of SNP haplotype structure in chemokine and chemokine receptor genes using CEPH pedigrees and statistical estimation. **2004**, 1, 195-207	1
1871	A survey of current Bayesian gene mapping methods. **2004**, 1, 371-4	5
1870	Polymorphisms in the osteopontin promoter affect its transcriptional activity. **2004**, 20, 87-96	104
1869	Trick or treat: the effect of placebo on the power of pharmacogenetic association studies. **2005**, 2, 28-38	10
1868	Functional constraints on the constitutive androstane receptor inferred from human sequence variation and cross-species comparisons. **2005**, 2, 168-78	11
1867	Gibbs sampling and bioinformatics. **2005**,	
1866	Polymorphisms in CD14, mannose-binding lectin, and Toll-like receptor-2 are associated with increased prevalence of infection in critically ill adults. **2005**, 33, 638-44	185
1865	The beneficial effects of recipient-derived vascular endothelial growth factor on graft survival after kidney transplantation. **2005**, 79, 1221-5	19
1864	Relation of beta2-adrenoceptor polymorphisms at codons 16 and 27 to persistence of asthma symptoms after the onset of puberty. **2005**, 128, 609-17	12
1863	TAS2R38 (phenylthiocarbamide) haplotypes, coronary heart disease traits, and eating behavior in the British Women's Heart and Health Study. **2005**, 81, 1005-11	73
1862	IL-10 promoter gene polymorphism associated with the occurrence of chronic GVHD and its clinical course during systemic immunosuppressive treatment for chronic GVHD after allogeneic peripheral blood stem cell transplantation. **2005**, 79, 1615-22	33
1861	ADH4 gene variation is associated with alcohol and drug dependence: results from family controlled and population-structured association studies. **2005**, 15, 755-68	82
1860	Dopamine transporter (SLC6A3) 5' region haplotypes significantly affect transcriptional activity in vitro but are not associated with Parkinson's disease. **2005**, 15, 659-68	49
1859	Common genetic polymorphisms in the 5'-flanking region of the SULT1A1 gene: haplotypes and their association with platelet enzymatic activity. **2005**, 15, 465-73	30
1858	The APOA1/C3/A4/A5 gene cluster, lipid metabolism and cardiovascular disease risk. **2005**, 16, 153-66	104
1857	Three haplotypes associated with CYP2A6 phenotypes in Caucasians. **2005**, 15, 609-24	71
1856	Polymorphisms and haplotypes of serine hydroxymethyltransferase and risk of squamous cell carcinoma of the head and neck: a case-control analysis. **2005**, 15, 557-64	13
1855	The association of interleukin 6 haplotype clades with mortality in critically ill adults. **2005**, 165, 75-82	83

1854	Normal DNA sequence variations in humans. **2005**,	
1853	A multilocus approach to the antihypertensive pharmacogenetics of hydrochlorothiazide. **2005**, 15, 287-93	21
1852	Functional analysis of polymorphisms in the organic anion transporter, SLC22A6 (OAT1). **2005**, 15, 201-9	81
1851	Genetic analysis and functional characterization of polymorphisms in the human concentrative nucleoside transporter, CNT2. **2005**, 15, 83-90	48
1850	Acute effects of pravastatin on cholesterol synthesis are associated with SLCO1B1 (encoding OATP1B1) haplotype *17. **2005**, 15, 303-9	100
1849	Haplotype and functional analysis of four flavin-containing monooxygenase isoform 2 (FMO2) polymorphisms in Hispanics. **2005**, 15, 245-56	19
1848	Population genomics: patterns of genetic variation within populations. **2005**,	
1847	Association of klotho, bone morphogenic protein 6, and annexin A2 polymorphisms with sickle cell osteonecrosis. **2005**, 106, 372-5	89
1846	Genetic variation in the fibrinogen gamma gene increases the risk for deep venous thrombosis by reducing plasma fibrinogen gamma' levels. **2005**, 106, 4176-83	199
1845	Evolution of the DRD2 gene haplotype and its association with alcoholism in Mexican Americans. **2005**, 36, 117-25	22
1844	Haplotyping by capillary electrophoresis. **2005**, 1079, 41-9	12
1843	Human response to alpha2-adrenergic agonist stimulation studied in an isolated vascular bed in vivo: Biphasic influence of dose, age, gender, and receptor genotype. **2005**, 77, 388-403	23
1842	Association of the OSCAR promoter polymorphism with BMD in postmenopausal women. **2005**, 20, 1342-8	37
1841	Polymorphisms of the CLCN7 gene are associated with BMD in women. **2005**, 20, 1960-7	29
1840	Common genetic variation of the low-density lipoprotein receptor-related protein 5 and 6 genes determines fracture risk in elderly white men. **2006**, 21, 141-50	120
1839	Large-scale population-based study shows no evidence of association between common polymorphism of the VDR gene and BMD in British women. **2006**, 21, 151-62	70
1838	High diversity of the chicken growth hormone gene and effects on growth and carcass traits. **2005**, 96, 698-703	36
1837	Carboxypeptidase B2 gene polymorphisms and the risk of venous thromboembolism. **2005**, 3, 2819-21	11

1836	Analyses of coding region polymorphisms in apical and basolateral human organic anion transporter (OAT) genes [OAT1 (NKT), OAT2, OAT3, OAT4, URAT (RST)]. **2005**, 68, 1491-9	72
1835	Genetic polymorphisms in peroxisome proliferator-activated receptor gamma are associated with Type 2 diabetes mellitus and obesity in the Korean population. **2005**, 22, 1161-6	34
1834	Association of interleukin 18 (IL18) polymorphisms with specific IgE levels to mite allergens among asthmatic patients. **2005**, 60, 900-6	42
1833	Interleukin-6 (IL-6)--373 A9T11 allele is associated with reduced susceptibility to chronic periodontitis in Japanese subjects and decreased serum IL-6 level. **2005**, 65, 110-4	46
1832	Association study of Toll-like receptor 9 gene polymorphism in Korean patients with systemic lupus erythematosus. **2005**, 65, 266-70	75
1831	Haplotyping of TNFalpha gene promoter using melting temperature analysis: detection of a novel -856(G/A) mutation. **2005**, 66, 284-90	8
1830	Analysis of sex-linked sequences supports a new mammal species in Europe. **2005**, 14, 2025-31	36
1829	Association of single nucleotide polymorphisms in klotho with priapism in sickle cell anaemia. **2005**, 128, 266-72	63
1828	Haplotypes in the tumour necrosis factor region and myeloma. **2005**, 129, 358-65	38
1827	Genetic analysis of the 2q33 region containing CD28-CTLA4-ICOS genes: association with non-Hodgkin's lymphoma. **2005**, 129, 784-90	31
1826	Interleukin-10 promoter polymorphisms and atopic asthma in North Indians. **2005**, 35, 914-9	55
1825	Allellic variants in regulatory regions of cyclooxygenase-2: association with advanced colorectal adenoma. **2005**, 93, 953-9	35
1824	Fine-scale recombination patterns differ between chimpanzees and humans. **2005**, 37, 429-34	226
1823	Protective role of interleukin-10 promoter gene polymorphism in the pathogenesis of invasive pulmonary aspergillosis after allogeneic stem cell transplantation. **2005**, 36, 1089-95	82
1822	Haplotype structure of the beta adrenergic receptor genes in US Caucasians and African Americans. **2005**, 13, 341-51	37
1821	Proopiomelanocortin gene variants are associated with serum leptin and body fat in a normal female population. **2005**, 13, 772-80	14
1820	Divergent patterns of linkage disequilibrium and haplotype structure across global populations at the interleukin-13 (IL13) locus. **2005**, 6, 53-65	32
1819	Polymorphisms in the interleukin 17F gene (IL17F) and asthma. **2005**, 6, 236-41	48

1818	Risk of trachomatous scarring and trichiasis in Gambians varies with SNP haplotypes at the interferon-gamma and interleukin-10 loci. **2005**, 6, 332-40	58
1817	Investigation of malaria susceptibility determinants in the IFNG/IL26/IL22 genomic region. **2005**, 6, 312-8	31
1816	Analysis of IL10 haplotypic associations with severe malaria. **2005**, 6, 462-6	50
1815	Haplotype analysis of the SDF-1 (CXCL12) gene in a longitudinal HIV-1/AIDS cohort study. **2005**, 6, 691-8	19
1814	Population structure and host-plant specialization in two Scaptodrosophila flower-breeding species. **2005**, 94, 129-38	15
1813	beta1-Adrenoceptor gene polymorphism predicts long-term changes in body weight. **2005**, 29, 458-62	35
1812	BDNF gene is a risk factor for schizophrenia in a Scottish population. **2005**, 10, 208-12	213
1811	Contribution of NTRK2 to the genetic susceptibility to anorexia nervosa, harm avoidance and minimum body mass index. **2005**, 10, 851-60	47
1810	Catechol-O-methyltransferase haplotypes are associated with psychosis in Alzheimer disease. **2005**, 10, 1026-36	62
1809	Genetic susceptibility to tardive dyskinesia in chronic schizophrenia subjects: I. Association of CYP1A2 gene polymorphism. **2005**, 5, 60-9	64
1808	Functional analysis of genetic variants in the human concentrative nucleoside transporter 3 (CNT3; SLC28A3). **2005**, 5, 157-65	45
1807	A functional polymorphism in the promoter region of the tryptophan hydroxylase gene is associated with alcohol dependence in one aboriginal group in Taiwan. **2005**, 29, 1-7	16
1806	Association between alcoholism and gamma-amino butyric acid alpha2 receptor subtype in a Russian population. **2005**, 29, 493-8	160
1805	A novel single nucleotide polymorphism of the neuropeptide Y (NPY) gene associated with alcohol dependence. **2005**, 29, 702-7	51
1804	World Health Organization/International Society for Biomedical Research on Alcoholism study on state and trait markers of alcohol use and dependence: back to the future. **2005**, 29, 1268-75	19
1803	RET polymorphisms and haplotypes and risk of differentiated thyroid cancer. **2005**, 115, 1035-41	21
1802	A common sex-dependent mutation in a RET enhancer underlies Hirschsprung disease risk. **2005**, 434, 857-63	377
1801	Exploratory Bayesian model selection for serial genetics data. **2005**, 61, 591-9	3

1800	EVOLUTIONARY DYNAMICS OF A SPATIALLY STRUCTURED HOST-PARASITE ASSOCIATION: DROSOPHILA INNUBILA AND MALE-KILLING WOLBACHIA. **2005**, 59, 1518-1528.	25
1799	Lack of evidence for genetic association to RUNX1 binding site at PSORS2 in different German psoriasis cohorts. **2005**, 124, 107-10	21
1798	Absence of association between asthma and high serum immunoglobulin E associated GPRA haplotypes and adult atopic dermatitis. **2005**, 125, 399-401	19
1797	Systematic linkage disequilibrium analysis of SLC12A8 at PSORS5 confirms a role in susceptibility to psoriasis vulgaris. **2005**, 125, 906-12	34
1796	The region of 150 kb telometic to HLA-C is associated with psoriasis in the Jewish population. **2005**, 125, 928-32	15
1795	Gene SNPs and mutations in clinical genetic testing: haplotype-based testing and analysis. **2005**, 573, 195-204	48
1794	Genetic association between polymorphisms in the ADAMTS14 gene and multiple sclerosis. **2005**, 164, 140-7	21
1793	Haplotypes of the low-density lipoprotein receptor-related protein 5 (LRP5) gene: are they a risk factor in osteoarthritis?. **2005**, 13, 608-13	41
1792	[Statistical analysis of genetic polymorphisms in epidemiological studies]. **2005**, 19, 333-41	30
1791	htSNPer1.0: software for haplotype block partition and htSNPs selection. **2005**, 6, 38	21
1790	Characterization of multilocus linkage disequilibrium. **2005**, 28, 193-206	95
1789	Accounting for haplotype uncertainty in matched association studies: a comparison of simple and flexible techniques. **2005**, 28, 261-72	128
1788	Evolutionary-based grouping of haplotypes in association analysis. **2005**, 28, 220-31	39
1787	Bayesian modelling of multivariate quantitative traits using seemingly unrelated regressions. **2005**, 28, 313-25	22
1786	Characterizing allelic associations from unphased diploid data by graphical modeling. **2005**, 29, 23-35	22
1785	Direct analysis of unphased SNP genotype data in population-based association studies via Bayesian partition modelling of haplotypes. **2005**, 29, 91-107	38
1784	Maximum likelihood estimation of haplotype effects and haplotype-environment interactions in association studies. **2005**, 29, 299-312	106
1783	Haplotypes and haplotype-tagging single-nucleotide polymorphism: presentation Group 8 of Genetic Analysis Workshop 14. **2005**, 29 Suppl 1, S59-71	10

1782	Assessment and implications of linkage disequilibrium in genome-wide single-nucleotide polymorphism and microsatellite panels. **2005**, 29 Suppl 1, S72-6	12
1781	Variations in human HM74 (GPR109B) and HM74A (GPR109A) niacin receptors. **2005**, 25, 18-21	40
1780	Toward the evaluation of function in genetic variability: characterizing human SNP frequencies and establishing BAC-transgenic mice carrying the human CYP1A1_CYP1A2 locus. **2005**, 25, 196-206	73
1779	Assessment of multiple displacement amplification for polymorphism discovery and haplotype determination at a highly polymorphic locus, MC1R. **2005**, 26, 145-52	27
1778	Worldwide haplotype diversity and coding sequence variation at human bitter taste receptor loci. **2005**, 26, 199-204	201
1777	Genetic variation, nucleotide diversity, and linkage disequilibrium in seven telomere stability genes suggest that these genes may be under constraint. **2005**, 26, 343-50	49
1776	Genetic polymorphisms in the transforming growth factor beta-induced gene associated with BMI. **2005**, 25, 322	6
1775	Linear allele-specific long-range amplification: a novel method of long-range molecular haplotyping. **2005**, 26, 393-4	8
1774	Thromboxane synthase (TBXAS1) polymorphisms in African-American and Caucasian populations: evidence for selective pressure. **2005**, 26, 394-5	14
1773	Methylenetetrahydrofolate reductase polymorphisms and risk of squamous cell carcinoma of the head and neck: a case-control analysis. **2005**, 115, 131-6	46
1772	XPC polymorphisms and lung cancer risk. **2005**, 115, 807-13	74
1771	Polymorphisms of XRCC1 gene, alcohol consumption and colorectal cancer. **2005**, 116, 428-32	54
1770	TP53BP2 locus is associated with gastric cancer susceptibility. **2005**, 117, 957-60	20
1769	Methotrexate and long-term treatment of rheumatic disease: comment on the article by Kremer. **2005**, 52, 670-1; author reply 672	1
1768	Drug efflux transporters in rheumatoid arthritis: comment on the article by Kremer. **2005**, 52, 670; author reply 672	10
1767	Association of SLC11A1 (NRAMP1) with persistent oligoarticular and polyarticular rheumatoid factor-negative juvenile idiopathic arthritis in Finnish patients: haplotype analysis in Finnish families. **2005**, 52, 247-56	20
1766	Study of individual joint pathology in rheumatoid arthritis suggests a single pathology: comment on the editorial by Kirwan. **2005**, 52, 672-3; author reply 673	
1765	Accuracy of haplotype association studies is enhanced by increasing number of polymorphic loci examined: comment on the article by Meulenbelt et al. **2005**, 52, 675; author reply 675-6	18

1764	Detailing ethnicity and phenotypes is critical for pooling association studies: comment on the article by Huizinga et al. **2005**, 52, 676; author reply 676	1
1763	Corrected QT interval in anti-SSA-positive adults with connective tissue disease: comment on the article by Lazzerini et al. **2005**, 52, 676-7; author reply 677-8	25
1762	Careful attention to blood sampling as a preanalytical determinant of circulating matrix metalloproteinase 9 to avoid misinterpretations: comment on the article by Ainiala et al. **2005**, 52, 673-4; author reply 674	4
1761	Reply. **2005**, 52, 672-672	1
1760	Reply. **2005**, 52, 673-673	2
1759	Reply. **2005**, 52, 674-674	
1758	Reply. **2005**, 52, 675-676	10
1757	Reply. **2005**, 52, 677-677	3
1756	Reply. **2005**, 52, 677-678	6
1755	Errata:Palao, G, Santiago, B, Galindo M, Paya, M, Ramirez J, Pablos JL, Down-Regulation of FLIP Sensitizes Rheumatoid Synovial Fibroblasts to Fas-Mediated Apoptosis, Arthritis Rheumatism (2004)50(9)2803-2810. **2005**, 52, 678-678	
1754	Errata:del Rincon I, O'Leary DH, Haas RW Escalante A. Effect of glucocoticoids on the arteries in rheumatoid arthritis, Athritis Rheumatism (2004) 50(12) 3813-3822. **2005**, 52, 678-678	1
1753	Correlation of rheumatoid arthritis severity with the genetic functional variants and circulating levels of macrophage migration inhibitory factor. **2005**, 52, 3020-9	184
1752	Variations of the CFTR gene in the Hanoi-Vietnamese. **2005**, 136, 249-53	12
1751	Exclusion of non-synonymous SNPs and a polyglutamine tract in SMRT/N-CoR2 as common deleterious mutation for bipolar disorder in the Sagnenay-Lac-St-Jean population. **2005**, 134B, 10-2	3
1750	Serotonin receptor 2C (HTR2C) and schizophrenia: examination of possible medication and genetic influences on expression levels. **2005**, 134B, 84-9	29
1749	Analysis of microsatellite markers and single nucleotide polymorphisms in candidate genes for susceptibility to bipolar affective disorder in the chromosome 12Q24.31 region. **2005**, 135B, 50-8	30
1748	Relationship of serotonin transporter gene polymorphisms and haplotypes to mRNA transcription. **2005**, 136B, 58-61	97
1747	Haplotype diversity and somatic instability in normal and expanded SCA8 alleles. **2005**, 139B, 109-14	8

1746	Haplotype trees and modern human origins. **2005**, Suppl 41, 33-59	121
1745	Multiple regions of alpha-synuclein are associated with Parkinson's disease. **2005**, 57, 535-41	206
1744	Rapid genotyping for relevant CYP1A2 alleles by pyrosequencing. **2005**, 61, 887-92	25
1743	High level of functional polymorphism indicates a unique role of natural selection at human immune system loci. **2005**, 57, 821-7	42
1742	DNA polymorphisms of the prion doppel gene region in four different German cattle breeds and cows tested positive for bovine spongiform encephalopathy. **2005**, 16, 884-92	11
1741	Association of angiotensinogen haplotypes with angiotensinogen levels but not with blood pressure or coronary artery disease: the Ludwigshafen Risk and Cardiovascular Health Study. **2005**, 83, 235-9	41
1740	D6S265*15 marks a DRB1*15, DQB1*0602 haplotype associated with attenuated protection from type 1 diabetes mellitus. **2005**, 48, 2540-3	18
1739	Hypoadiponectinaemia and high risk of type 2 diabetes are associated with adiponectin-encoding (ACDC) gene promoter variants in morbid obesity: evidence for a role of ACDC in diabesity. **2005**, 48, 892-9	104
1738	Peroxisome proliferator-activated receptor gamma coactivator 1 alpha promoter polymorphisms are associated with early-onset type 2 diabetes mellitus in the Korean population. **2005**, 48, 1323-30	38
1737	The Pro12Ala and C-681G variants of the PPARG locus are associated with opposing growth phenotypes in young schoolchildren. **2005**, 48, 1496-502	35
1736	The linkage and association of the gene encoding upstream stimulatory factor 1 with type 2 diabetes and metabolic syndrome in the Chinese population. **2005**, 48, 2018-24	52
1735	Association of a polymorphism in the gene encoding phosphoenolpyruvate carboxykinase 1 with high-density lipoprotein and triglyceride levels. **2005**, 48, 2025-32	13
1734	Polymorphisms in the gene encoding angiotensin I converting enzyme 2 and diabetic nephropathy. **2005**, 48, 2278-81	30
1733	The minimum-entropy set cover problem. **2005**, 348, 240-250	22
1732	Examination of ancestry and ethnic affiliation using highly informative diallelic DNA markers: application to diverse and admixed populations and implications for clinical epidemiology and forensic medicine. **2005**, 118, 382-92	121
1731	An analysis of genetic variation across the MBL2 locus in Dutch Caucasians indicates that 3' haplotypes could modify circulating levels of mannose-binding lectin. **2005**, 118, 404-15	33
1730	Genetic evidence in support of a shared Eurasian-North African dairying origin. **2005**, 117, 34-42	75
1729	Haplotype structure and phylogenetic shadowing of a hypervariable region in the CAPN10 gene. **2005**, 117, 258-66	7

1728	Microsatellite variation and evolution of human lactase persistence. **2005**, 117, 329-39	96
1727	Complex HTR2C linkage disequilibrium and promoter associations with body mass index and serum leptin. **2005**, 117, 545-57	31
1726	Strong linkage disequilibrium of a HbE variant with the (AT)9(T)5 repeat in the BP1 binding site upstream of the beta-globin gene in the Thai population. **2005**, 50, 7-11	2
1725	Haplotype-based analysis of alpha 2A, 2B, and 2C adrenergic receptor genes captures information on common functional loci at each gene. **2005**, 50, 12-20	37
1724	DNase II polymorphisms associated with risk of renal disorder among systemic lupus erythematosus patients. **2005**, 50, 107-111	29
1723	Association of mannose-binding lectin gene (MBL2) polymorphisms with rheumatoid arthritis in an Indian cohort of case-control samples. **2005**, 50, 583-591	29
1722	SYNGR1 is associated with schizophrenia and bipolar disorder in southern India. **2005**, 50, 635-40	23
1721	Ethiopia: between Sub-Saharan Africa and Western Eurasia. **2005**, 69, 275-287	21
1720	Inferring haplotypes at the NAT2 locus: the computational approach. **2005**, 6, 30	30
1719	MAOA haplotypes associated with thrombocyte-MAO activity. **2005**, 6, 46	29
1718	An artificial neural network for estimating haplotype frequencies. **2005**, 6 Suppl 1, S129	1
1717	A genome-wide scanning and fine mapping study of COGA data. **2005**, 6 Suppl 1, S30	17
1716	Haplotype-sharing analysis using Mantel statistics for combined genetic effects. **2005**, 6 Suppl 1, S70	10
1715	Haplotypic structure of the X chromosome in the COGA population sample and the quality of its reconstruction by extant software packages. **2005**, 6 Suppl 1, S77	7
1714	Comparison of type I error for multiple test corrections in large single-nucleotide polymorphism studies using principal components versus haplotype blocking algorithms. **2005**, 6 Suppl 1, S78	60
1713	Worldwide genetic variation at the 3'-UTR region of the LDLR gene: possible influence of natural selection. **2005**, 69, 389-400	13
1712	Evidence of a common founder for SCA12 in the Indian population. **2005**, 69, 528-34	60
1711	Polymorphism screening and haplotype analysis of the tryptophan hydroxylase gene (TPH1) and association with bipolar affective disorder in Taiwan. **2005**, 6, 14	20

1710 Beta 2 adrenergic receptor polymorphisms in cystic fibrosis. **2005**, 39, 544-50 15

1709 Software for Genetics/Genomics. **2005**, 1-24

1708 Identification of genetic markers for fat deposition and meat tenderness on bovine chromosome 5: development of a low-density single nucleotide polymorphism map. **2005**, 83, 2280-8 23

1707 A new single nucleotide polymorphism in CAPN1 extends the current tenderness marker test to include cattle of Bos indicus, Bos taurus, and crossbred descent. **2005**, 83, 2001-8 119

1706 Cladistic Analysis. **2005**,

1705 Restriction fragment length polymorphisms of type I collagen locus 2 (COL1A2) in two communities of African ancestry and other mixed populations of northwestern Ecuador. **2005**, 77, 115-23 6

1704 CFTR haplotype distribution in the Brazilian Western Amazonian region. **2005**, 77, 499-508 1

1703 Evolutionary modeling in haplotype analysis. **2005**,

1702 The Relationship betweenMDR1Polymorphisms and the Response to Etoposide/Cisplatin Combination Chemotherapy in Small Cell Lung Cancer. **2005**, 58, 135

1701 HAPLOFREQ Estimating Haplotype Frequencies Efficiently. **2005**, 553-568 2

1700 Editorial CommentAre We in Another Unavoidable Diagnose and AdiosEra?. **2005**, 36, 1852-1853 1

1699 Improved Recombination Lower Bounds for Haplotype Data. **2005**, 569-584 7

1698 k-Recombination Haplotype Inference in Pedigrees. **2005**, 985-993 1

1697 Developmentally restricted genetic determinants of human arsenic metabolism: association between urinary methylated arsenic and CYT19 polymorphisms in children. **2005**, 113, 775-81 95

1696 Analysis of genetic polymorphisms in acetylcholinesterase as reflected in different populations. **2005**, 2, 207-18 12

1695 The impact of beta-adrenoreceptor gene polymorphisms on survival in patients with congestive heart failure. **2005**, 7, 966-73 48

1694 Multilocus analysis of introgression between two sympatric sister species of Drosophila: Drosophila yakuba and D. santomea. **2005**, 171, 197-210 103

1693 Association of PLUNC gene polymorphisms with susceptibility to nasopharyngeal carcinoma in a Chinese population. **2005**, 42, 172-6 37

1692	A parsimonious tree-grow method for haplotype inference. **2005**, 21, 3475-81	28
1691	LMP7/TAP2 gene polymorphisms and HPV infection in esophageal carcinoma patients from a high incidence area in China. **2005**, 26, 1280-4	70
1690	Interspecies synteny mapping identifies a quantitative trait locus for bone mineral density on human chromosome Xp22. **2005**, 14, 3141-8	21
1689	Systemic lupus erythematosus and the extended major histocompatibility complex--evidence for several predisposing loci. **2005**, 44, 1368-73	20
1688	Role of androgen metabolism genes CYP1B1, PSA/KLK3, and CYP11alpha in prostate cancer risk and aggressiveness. **2005**, 14, 2173-7	48
1687	Single nucleotide polymorphisms of the chicken insulin-like factor binding protein 2 gene associated with chicken growth and carcass traits. **2005**, 84, 1191-8	52
1686	Coalescent-based association mapping and fine mapping of complex trait loci. **2005**, 169, 1071-92	99
1685	HAPLORE: a program for haplotype reconstruction in general pedigrees without recombination. **2005**, 21, 90-103	86
1684	Angiotensin-converting enzyme (ACE) haplotypes and cyclosporine A (CsA) response: a model of the complex relationship between ACE quantitative trait locus and pathological phenotypes. **2005**, 14, 2357-67	7
1683	A new polymorphism in the type II deiodinase gene is associated with circulating thyroid hormone parameters. **2005**, 289, E75-81	75
1682	The case for selection at CCR5-Delta32. **2005**, 3, e378	153
1681	GEOGRAPHIC VARIATION IN NUCLEAR GENES OF THE EASTERN OYSTER, CRASSOSTREA VIRGINICA GMELIN. **2005**, 24, 103-112	19
1680	Analysis of RUNX1 binding site and RAPTOR polymorphisms in psoriasis: no evidence for association despite adequate power and evidence for linkage. **2006**, 43, 12-7	20
1679	Risk of brain tumors in children and susceptibility to organophosphorus insecticides: the potential role of paraoxonase (PON1). **2005**, 113, 909-13	59
1678	Positive selection of a pre-expansion CAG repeat of the human SCA2 gene. **2005**, 1, e41	39
1677	Inference and analysis of haplotypes from combined genotyping studies deposited in dbSNP. **2005**, 15, 1594-600	13
1676	CYP11B2-CYP11B1 haplotypes associated with decreased 11 beta-hydroxylase activity. **2005**, 90, 1220-5	27
1675	Inference of missing SNPs and information quantity measurements for haplotype blocks. **2005**, 21, 2001-7	19

1674	An approximation algorithm for haplotype inference by maximum parsimony. **2005**,	12
1673	Influence of VEGF gene polymorphisms on the severity of ankylosing spondylitis. **2005**, 44, 1299-302	30
1672	The impact of using related individuals for haplotype reconstruction in population studies. **2005**, 171, 1321-30	8
1671	A large-scale association analysis of common variation of the HNF1alpha gene with type 2 diabetes in the U.K. Caucasian population. **2005**, 54, 2487-91	47
1670	Haplotype-phenotype relationships of paraoxonase-1. **2005**, 14, 731-4	24
1669	EVOLUTIONARY DYNAMICS OF A SPATIALLY STRUCTURED HOST-PARASITE ASSOCIATION: DROSOPHILA INNUBILA AND MALE-KILLING WOLBACHIA. **2005**, 59, 1518	7
1668	One-carbon metabolism and breast cancer risk: no association of MTHFR, MTR, and TYMS polymorphisms in the GENICA study from Germany. **2005**, 14, 3015-8	64
1667	Polymorphism of Slc11a1 (Nramp1) gene and canine leishmaniasis in a case-control study. **2005**, 96, 755-8	35
1666	A population association study of angiotensinogen polymorphisms and haplotypes with left ventricular phenotypes. **2005**, 46, 1294-9	12
1665	CDX2 polymorphisms, RNA expression, and risk of colorectal cancer. **2005**, 65, 5488-92	26
1664	The HNPCC associated MSH2*1906G-->C founder mutation probably originated between 1440 CE and 1715 CE in the Ashkenazi Jewish population. **2005**, 42, 766-8	19
1663	MGMT genotype modulates the associations between cigarette smoking, dietary antioxidants and breast cancer risk. **2005**, 26, 2131-7	45
1662	UDP glucuronosyltransferase (UGT) 1A6 pharmacogenetics: I. Identification of polymorphisms in the 5'-regulatory and exon 1 regions, and association with human liver UGT1A6 gene expression and glucuronidation. **2005**, 313, 1331-9	47
1661	Polymorphisms in the estrogen receptor alpha gene and mammographic density. **2005**, 14, 2655-60	31
1660	The G6055A (G2019S) mutation in LRRK2 is frequent in both early and late onset Parkinson's disease and originates from a common ancestor. **2005**, 42, e65	141
1659	Polymorphisms in the DLG5 and OCTN cation transporter genes in Crohn's disease. **2005**, 54, 1421-7	113
1658	Comprehensive evaluation of common genetic variation within LRRK2 reveals evidence for association with sporadic Parkinson's disease. **2005**, 14, 3549-56	68
1657	Association of oestrogen receptor alpha gene polymorphisms with postmenopausal bone loss, bone mass, and quantitative ultrasound properties of bone. **2005**, 42, 240-6	58

1656	Issues with polymorphism analysis in sepsis. **2005**, 41 Suppl 7, S396-402	23
1655	No association between polymorphisms in the histone deacetylase genes and the risk of lung cancer. **2005**, 14, 1841-3	12
1654	Estrogen receptor alpha gene polymorphisms are associated with estradiol levels in postmenopausal women. **2005**, 153, 327-34	96
1653	Haplotype-based linkage disequilibrium mapping via direct data mining. **2005**, 21, 4384-93	46
1652	Polymorphisms in cinnamoyl CoA reductase (CCR) are associated with variation in microfibril angle in Eucalyptus spp. **2005**, 171, 1257-65	180
1651	Stepwise detection of recombination breakpoints in sequence alignments. **2005**, 21, 589-95	11
1650	Haplotypes of the WNK1 gene associate with blood pressure variation in a severely hypertensive population from the British Genetics of Hypertension study. **2005**, 14, 1805-14	82
1649	Characterization of Bietti crystalline dystrophy patients with CYP4V2 mutations. **2005**, 46, 3812-6	52
1648	A comparison of three estimators of the population-scaled recombination rate: accuracy and robustness. **2005**, 171, 2051-62	35
1647	Tree scanning: a method for using haplotype trees in phenotype/genotype association studies. **2005**, 169, 441-53	72
1646	Evidence for domesticated and wild populations of Saccharomyces cerevisiae. **2005**, 1, 66-71	309
1645	FASL -844C polymorphism is associated with increased activation-induced T cell death and risk of cervical cancer. **2005**, 202, 967-74	95
1644	Haplotypes produced from rare variants in the promoter and coding regions of angiotensinogen contribute to variation in angiotensinogen levels. **2005**, 14, 639-43	25
1643	Association of death receptor 4 haplotype 626C-683C with an increased breast cancer risk. **2005**, 26, 1975-7	25
1642	Methyl-CpG binding domain 1 gene polymorphisms and risk of primary lung cancer. **2005**, 14, 2474-80	20
1641	SNPAnalyzer: a web-based integrated workbench for single-nucleotide polymorphism analysis. **2005**, 33, W483-8	46
1640	C-C chemokine receptor 5 gene variants in relation to lung disease in sarcoidosis. **2005**, 172, 721-8	53
1639	Estrogen receptor alpha gene polymorphisms are associated with the angiographic extent of coronary artery disease. **2005**, 90, 6556-60	30

1638	Promoter polymorphisms in the nitric oxide synthase 3 gene are associated with ischemic stroke susceptibility in young black women. **2005**, 36, 1848-51	66
1637	beta2-Adrenergic receptor polymorphisms and asthma in the North Indian population. **2005**, 6, 713-9	9
1636	Screening CYP3A single nucleotide polymorphisms in a Han Chinese population with a genotyping chip. **2005**, 6, 731-47	30
1635	Polymorphisms in the CD14 gene associated with pulmonary function in farmers. **2005**, 171, 773-9	61
1634	[How about the uncertainty in the haplotypes in the population-based KORA studies?]. **2005**, 67 Suppl 1, S132-6	4
1633	Extended haplotype in the tumor necrosis factor gene cluster is associated with asthma and asthma-related phenotypes. **2005**, 172, 687-92	46
1632	Beneficial postprandial effect of a small amount of alcohol on diabetes and cardiovascular risk factors: modification by insulin resistance. **2005**, 90, 661-72	81
1631	Determination of sequence variation and haplotype structure for the gonadotropin-releasing hormone (GnRH) and GnRH receptor genes: investigation of role in pubertal timing. **2005**, 90, 1091-9	47
1630	Research in Computational Molecular Biology. **2005**,	2
1629	A block-free hidden Markov model for genotypes and its application to disease association. **2005**, 12, 1243-60	48
1628	An approximation algorithm for haplotype inference by maximum parsimony. **2005**, 12, 1261-74	29
1627	Clarifying the PROGINS allele association in ovarian and breast cancer risk: a haplotype-based analysis. **2005**, 97, 51-9	51
1626	Computing the minimum recombinant haplotype configuration from incomplete genotype data on a pedigree by integer linear programming. **2005**, 12, 719-39	62
1625	The incomplete perfect phylogeny haplotype problem. **2005**, 3, 359-84	14
1624	Methylenetetrahydrofolate reductase polymorphisms and therapy response in pediatric acute lymphoblastic leukemia. **2005**, 65, 2482-7	115
1623	Common polymorphisms in the USF1 gene are not associated with type 2 diabetes in French Caucasians. **2005**, 54, 3040-2	23
1622	Genomic scans for selective sweeps using SNP data. **2005**, 15, 1566-75	668
1621	Segmental duplications and gene conversion: Human luteinizing hormone/chorionic gonadotropin beta gene cluster. **2005**, 15, 1535-46	64

1620	Genetic variation at the human alpha2B-adrenergic receptor locus: role in blood pressure variation and yohimbine response. **2005**, 45, 1207-13	23
1619	Effective algorithms for tag SNP selection. **2005**, 3, 1089-106	3
1618	GERBIL: Genotype resolution and block identification using likelihood. **2005**, 102, 158-62	99
1617	The rise and fall of the chemoattractant receptor GPR33. **2005**, 280, 31068-75	19
1616	The interaction of four genes in the inflammation pathway significantly predicts prostate cancer risk. **2005**, 14, 2563-8	74
1615	Association of non-HLA genes with type 1 diabetes autoimmunity. **2005**, 54, 2482-6	45
1614	TTF-1 and RET promoter SNPs: regulation of RET transcription in Hirschsprung's disease. **2005**, 14, 191-204	185
1613	The growth hormone receptor gene is associated with mandibular height in a Chinese population. **2005**, 84, 1052-6	41
1612	Discovery of novel flavin-containing monooxygenase 3 (FMO3) single nucleotide polymorphisms and functional analysis of upstream haplotype variants. **2005**, 68, 383-92	64
1611	Allele-specific transcript quantification detects haplotypic variation in the levels of the SDF-1 transcripts. **2005**, 14, 1579-85	29
1610	Algorithms in Bioinformatics. **2005**,	4
1609	Genetic variation and willingness to participate in epidemiologic research: data from three studies. **2005**, 14, 2449-53	61
1608	Association mapping and fine mapping with TreeLD. **2005**, 21, 3168-70	11
1607	Recovering haplotype structure through recombination and gene conversion. **2005**, 21 Suppl 2, ii173-9	3
1606	Evidence that the mitochondrial leucyl tRNA synthetase (LARS2) gene represents a novel type 2 diabetes susceptibility gene. **2005**, 54, 1892-5	41
1605	Impact of alphaENaC polymorphisms on the risk of ischemic cerebrovascular events: a multicenter case-control study. **2005**, 51, 952-6	14
1604	Genetic polymorphisms of SULT1A1 and SULT1E1 and the risk and survival of breast cancer. **2005**, 14, 1090-5	48
1603	Lack of genetic association of the three more common polymorphisms of CARD15 with psoriatic arthritis and psoriasis in a German cohort. **2005**, 64, 951-4	27

1602	Disentangling linkage disequilibrium and linkage from dense single-nucleotide polymorphism trio data. **2005**, 171, 2085-95	3
1601	Haplotype-based linkage of tryptophan hydroxylase 2 to suicide attempt, major depression, and cerebrospinal fluid 5-hydroxyindoleacetic acid in 4 populations. **2005**, 62, 1109-18	161
1600	A synonymous coding polymorphism in the alpha2-Heremans-schmid glycoprotein gene is associated with type 2 diabetes in French Caucasians. **2005**, 54, 2477-81	78
1599	Hypervariable noncoding sequences in Saccharomyces cerevisiae. **2005**, 170, 1575-87	27
1598	Lack of association of matrix metalloproteinase 3 (MMP3) genotypes with ankylosing spondylitis susceptibility and severity. **2005**, 44, 55-60	7
1597	Mannose binding lectin genotypes influence recovery from hepatitis B virus infection. **2005**, 79, 9192-6	68
1596	Association between mannose-binding lectin gene polymorphisms and susceptibility to severe acute respiratory syndrome coronavirus infection. **2005**, 192, 1355-61	108
1595	Genetic and genomic studies of PADI4 in rheumatoid arthritis. **2005**, 44, 869-72	61
1594	Sympathetic nervous system, genes and human essential hypertension. **2005**, 2, 303-17	20
1593	Exhaustive genotyping of the CEM15 (APOBEC3G) gene and absence of association with AIDS progression in a French cohort. **2005**, 191, 159-63	95
1592	CHRM2 gene predisposes to alcohol dependence, drug dependence and affective disorders: results from an extended case-control structured association study. **2005**, 14, 2421-34	157
1591	A single nucleotide polymorphism on the promoter of eotaxin1 associates with its mRNA expression and asthma phenotypes. **2005**, 174, 1525-31	23
1590	Association of aromatase (CYP 19) gene variation with features of hyperandrogenism in two populations of young women. **2005**, 20, 1837-43	90
1589	Racial variability in haplotype frequencies of UGT1A1 and glucuronidation activity of a novel single nucleotide polymorphism 686C> T (P229L) found in an African-American. **2005**, 33, 458-65	128
1588	A natural CYP2B6 TATA box polymorphism (-82T--> C) leading to enhanced transcription and relocation of the transcriptional start site. **2005**, 67, 1772-82	98
1587	Sequence variants in Toll-like receptor gene cluster (TLR6-TLR1-TLR10) and prostate cancer risk. **2005**, 97, 525-32	139
1586	Risk of small-for-gestational age is associated with common anti-inflammatory cytokine polymorphisms. **2005**, 16, 478-86	35
1585	Risk of spontaneous preterm birth is associated with common proinflammatory cytokine polymorphisms. **2005**, 16, 469-77	136

1584	Interleukin-10 haplotype associated with increased mortality in critically ill patients with sepsis from pneumonia but not in patients with extrapulmonary sepsis. **2005**, 128, 1690-8	85
1583	Maximum likelihood haplotyping for general pedigrees. **2005**, 59, 41-60	51
1582	Haplotype sharing analysis using mantel statistics. **2005**, 59, 67-78	49
1581	Impact of missing genotype data on Monte-Carlo simulation based haplotype analysis. **2005**, 59, 185-9	5
1580	Power and sample size calculations for genetic case/control studies using gene-centric SNP maps: application to human chromosomes 6, 21, and 22 in three populations. **2005**, 60, 43-60	20
1579	Estimating haplotype relative risks on human survival in population-based association studies. **2005**, 59, 88-97	9
1578	Haplotype reconstruction for diploid populations. **2005**, 59, 144-56	8
1577	Haplotype association analysis of AGT variants with hypertension-related traits: the HyperGEN study. **2005**, 60, 164-76	21
1576	ALOX5AP gene and the PDE4D gene in a central European population of stroke patients. **2005**, 36, 731-6	161
1575	Phosphodiesterase 4D gene, ischemic stroke, and asymptomatic carotid atherosclerosis. **2005**, 36, 949-53	69
1574	Polymorphisms in genes of the endothelin system and cerebral small-vessel disease. **2005**, 36, 1656-60	23
1573	Shotgun haplotyping: a novel method for surveying allelic sequence variation. **2005**, 33, e152	5
1572	Haplotype analysis of the RAGE gene: identification of a haplotype marker for diabetic nephropathy in type 2 diabetes mellitus. **2005**, 20, 1093-102	41
1571	APOA5 polymorphisms influence plasma triglycerides in young, healthy African Americans and whites of the CARDIA Study. **2005**, 46, 564-71	43
1570	Genetic association studies. **2005**, 366, 1121-31	394
1569	Shaking the tree: mapping complex disease genes with linkage disequilibrium. **2005**, 366, 1223-34	181
1568	What makes a good genetic association study?. **2005**, 366, 1315-23	408
1567	Microcephalin, a gene regulating brain size, continues to evolve adaptively in humans. **2005**, 309, 1717-20	319

1566	A novel common single nucleotide polymorphism in the promoter region of the C-reactive protein gene associated with the plasma concentration of C-reactive protein. **2005**, 178, 193-8		109
1565	Common polymorphisms of ATP binding cassette transporter A1, including a functional promoter polymorphism, associated with plasma high density lipoprotein cholesterol levels in Turks. **2005**, 183, 199-212		51
1564	RANTES gene polymorphisms predict all-cause and cardiac mortality in type 2 diabetes mellitus hemodialysis patients. **2005**, 183, 121-9		53
1563	Population-specific patterns of linkage disequilibrium in the human 5q31 region. **2005**, 6, 723-7		5
1562	Accuracy of haplotype reconstruction from haplotype-tagging single-nucleotide polymorphisms. *American Journal of Human Genetics*, **2005**, 76, 438-48	11	12
1561	Accounting for decay of linkage disequilibrium in haplotype inference and missing-data imputation. *American Journal of Human Genetics*, **2005**, 76, 449-62	11	1105
1560	Population genetics of CAPN10 and GPR35: implications for the evolution of type 2 diabetes variants. *American Journal of Human Genetics*, **2005**, 76, 548-60	11	54
1559	A comparison of linkage disequilibrium patterns and estimated population recombination rates across multiple populations. *American Journal of Human Genetics*, **2005**, 76, 681-7	11	103
1558	A high-resolution linkage-disequilibrium map of the human major histocompatibility complex and first generation of tag single-nucleotide polymorphisms. *American Journal of Human Genetics*, **2005**, 76, 634-46	11	209
1557	Increased level of linkage disequilibrium in rural compared with urban communities: a factor to consider in association-study design. *American Journal of Human Genetics*, **2005**, 76, 763-72	11	22
1556	Polymorphisms within the C-reactive protein (CRP) promoter region are associated with plasma CRP levels. *American Journal of Human Genetics*, **2005**, 77, 64-77	11	258
1555	PTPN22 genetic variation: evidence for multiple variants associated with rheumatoid arthritis. *American Journal of Human Genetics*, **2005**, 77, 567-81	11	201
1554	Handling marker-marker linkage disequilibrium: pedigree analysis with clustered markers. *American Journal of Human Genetics*, **2005**, 77, 754-67	11	228
1553	A novel method with improved power to detect recombination hotspots from polymorphism data reveals multiple hotspots in human genes. *American Journal of Human Genetics*, **2005**, 77, 781-94	11	43
1552	Haplotype analysis of carnitine transporters and left ventricular mass in human essential hypertension. **2005**, 15, 2-7		7
1551	Medical Biomethods Handbook. **2005**,		2
1550	Phasing and Missing Data Recovery in Family Trios. **2005**, 1011-1019		2
1549	Pharmacogenetic differences in response to albuterol between Puerto Ricans and Mexicans with asthma. **2005**, 171, 563-70		198

1548	Promoter analysis and aberrant expression of the MUC5B gene in diffuse panbronchiolitis. **2005**, 171, 949-57	59
1547	Islands of tractability for parsimony haplotyping. **2005**, 65-72	3
1546	Extended haplotype analysis reveals an association of TNF polymorphisms with susceptibility to systemic lupus erythematosus beyond HLA-DR3. **2005**, 34, 114-21	26
1545	Genetic variation at the IL10 gene locus is associated with severity of respiratory syncytial virus bronchiolitis. **2005**, 191, 1705-9	66
1544	Haplotype phasing using semidefinite programming.	5
1543	Adiponectin polymorphisms, adiposity and insulin metabolism: HERITAGE family study and Oulu diabetic study. **2005**, 37, 141-50	43
1542	COL1A2 (type I collagen) polymorphisms in the Colorado Indians of Ecuador. **2005**, 32, 666-78	7
1541	Interleukin 10 promoter microsatellite polymorphisms are associated with response to long term treatment with etanercept in patients with rheumatoid arthritis. **2005**, 64, 575-81	40
1540	A combinatorial method for predicting genetic susceptibility to complex diseases. **2005**, 2006, 224-7	0
1539	Phylogeographic inferences concerning evolution of Brazilian Passiflora actinia and P. elegans (Passifloraceae) based on ITS (nrDNA) variation. **2005**, 95, 799-806	50
1538	Functional haplotypes in the promoter of matrix metalloproteinase-2 and lung cancer susceptibility. **2005**, 26, 1117-21	69
1537	Analysis of rare variants and common haplotypes in the optineurin gene in Swedish glaucoma cases. **2005**, 26, 85-9	13
1536	Polymorphisms in the TSHR (thyrotropin receptor) gene on chromosome 14q31 are not associated with mental retardation in the iodine-deficient areas of China. **2005**, 382, 179-84	2
1535	Association of vascular endothelial growth factor gene polymorphisms with behcet disease in a Korean population. **2005**, 66, 1068-73	24
1534	The finding of new genetic polymorphism of UCP-1 A-1766G and its effects on body fat accumulation. **2005**, 1741, 149-55	24
1533	CXCR3 polymorphisms associated with risk of asthma. **2005**, 334, 1219-25	22
1532	The effects of UCP-1 polymorphisms on obesity phenotypes among Korean female subjects. **2005**, 335, 624-30	30
1531	Adaptive evolution of MRGX2, a human sensory neuron specific gene involved in nociception. **2005**, 352, 30-5	28

1530	The insulin-like growth factor-I gene and osteoporosis: a critical appraisal. **2005**, 361, 38-56	129
1529	MDR1 genotype do not influence the absorption of a single oral dose of 100 mg talinolol in healthy Chinese males. **2005**, 359, 46-52	16
1528	Genomic approach of AIDS pathogenesis: exhaustive genotyping of the TNFR1 gene in a French AIDS cohort. **2005**, 59, 474-80	4
1527	Exon 3 polymorphisms and haplotypes of O6-methylguanine-DNA methyltransferase and risk of bladder cancer in southern China: a case-control analysis. **2005**, 227, 49-57	21
1526	Linkage disequilibrium analysis identifies an FGFR1 haplotype-tag SNP associated with normal variation in craniofacial shape. **2005**, 85, 563-73	34
1525	Localized breakdown in linkage disequilibrium does not always predict sperm crossover hot spots in the human MHC class II region. **2005**, 86, 13-24	41
1524	Sequence variation in NPC1L1 and association with improved LDL-cholesterol lowering in response to ezetimibe treatment. **2005**, 86, 648-56	104
1523	Genetic polymorphisms and multifactorial diseases: facts and fallacies revealed by the glucocorticoid receptor gene. **2005**, 16, 445-50	45
1522	Introduction to statistical analysis of population data in immunogenetics. **2005**, 14, 245-53	11
1521	Beta-fibrinogen haplotypes and the risk for cardiovascular disease in a dialysis cohort. **2005**, 46, 78-85	6
1520	Association analysis of chromosome 5 GABAA receptor cluster in Japanese schizophrenia patients. **2005**, 58, 440-5	26
1519	A common PCSK9 haplotype, encompassing the E670G coding single nucleotide polymorphism, is a novel genetic marker for plasma low-density lipoprotein cholesterol levels and severity of coronary atherosclerosis. **2005**, 45, 1611-9	122
1518	Association of defensin beta-1 gene polymorphisms with asthma. **2005**, 115, 252-8	70
1517	TGFbeta1 haplotypes and asthma in Indian populations. **2005**, 115, 527-33	41
1516	Association of atopy and eczema with polymorphisms in T-cell immunoglobulin domain and mucin domain-IL-2-inducible T-cell kinase gene cluster in chromosome 5 q 33. **2005**, 116, 650-6	75
1515	Backward simulation of ancestors of sampled individuals. **2005**, 67, 75-83	18
1514	Vascular endothelial growth factor gene polymorphisms and risk of primary lung cancer. **2005**, 14, 571-5	109
1513	Single-Nucleotide Polymorphisms. **2005**, 227-254	

1512	Haplotype distribution of and linkage disequilibrium between four polymorphic markers near the CFTR locus in Brazilian cystic fibrosis patients. **2005**, 77, 853-65	4
1511	Definition and clinical importance of haplotypes. **2005**, 56, 303-20	243
1510	Genotypes and haplotypes of the methyl-CpG-binding domain 2 modify breast cancer risk dependent upon menopausal status. **2005**, 7, R745-52	12
1509	Genetic polymorphisms in the cyclooxygenase-2 gene, use of nonsteroidal anti-inflammatory drugs, and breast cancer risk. **2006**, 8, R71	45
1508	Association of the FCRL3 gene with rheumatoid arthritis: a further example of population specificity?. **2006**, 8, R117	27
1507	Vitamin D receptor gene polymorphisms and susceptibility of hand osteoarthritis in Finnish women. **2006**, 8, R20	27
1506	A high-throughput method for quantifying alleles and haplotypes of the malaria vaccine candidate Plasmodium falciparum merozoite surface protein-1 19 kDa. **2006**, 5, 31	30
1505	Polymorphisms and haplotypes of the NBS1 gene are associated with risk of sporadic breast cancer in non-Hispanic white women . **2006**, 27, 2209-16	55
1504	Combined test for UGT1A1 -3279T-->G and A(TA)nTAA polymorphisms best predicts Gilbert's syndrome in Italian pediatric patients. **2006**, 10, 121-5	18
1503	Association of single nucleotide polymorphisms of the insulin gene with chicken early growth and fat deposition. **2006**, 85, 980-5	15
1502	Does sensory Guillain-Barr‡syndrome exist without any abnormalities in motor nerve conduction?. **2006**, 66, 947-8	8
1501	Extended haplotypes in the complement factor H (CFH) and CFH-related (CFHR) family of genes protect against age-related macular degeneration: Characterization, ethnic distribution and evolutionary implications. **2006**, 38, 592-604	185
1500	Systematic analysis of sequence variability of the endothelin-1 gene: a prerequisite for association studies. **2006**, 10, 163-8	5
1499	Inference about recombination from haplotype data: lower bounds and recombination hotspots. **2006**, 13, 501-21	13
1498	Haplotype structure of five SNPs within the ACE gene in the Tunisian population. **2006**, 33, 319-29	11
1497	Association between ABCC2 gene haplotypes and tenofovir-induced proximal tubulopathy. **2006**, 194, 1481-91	195
1496	Caspase 9 promoter polymorphisms and risk of primary lung cancer. **2006**, 15, 1963-71	80
1495	Genotype distribution of the prion protein gene (PRNP) promoter polymorphisms in Korean cattle. **2006**, 49, 1539-44	35

1494	Islands of tractability for parsimony haplotyping. **2006**, 3, 303-11		21
1493	Gene mapping and marker clustering using Shannon's mutual information. **2006**, 3, 47-56		37
1492	TreeDT: tree pattern mining for gene mapping. **2006**, 3, 174-85		18
1491	Concordance of multiple analytical approaches demonstrates a complex relationship between DNA repair gene SNPs, smoking and bladder cancer susceptibility. **2006**, 27, 1030-7		144
1490	A scan of chromosome 10 identifies a novel locus showing strong association with late-onset Alzheimer disease. *American Journal of Human Genetics*, **2006**, 78, 78-88	11	137
1489	Screening for recently selected alleles by analysis of human haplotype similarity. *American Journal of Human Genetics*, **2006**, 78, 153-9	11	41
1488	A comparison of phasing algorithms for trios and unrelated individuals. *American Journal of Human Genetics*, **2006**, 78, 437-50	11	267
1487	A fast and flexible statistical model for large-scale population genotype data: applications to inferring missing genotypes and haplotypic phase. *American Journal of Human Genetics*, **2006**, 78, 629-44	11	1493
1486	Spread of an inactive form of caspase-12 in humans is due to recent positive selection. *American Journal of Human Genetics*, **2006**, 78, 659-70	11	128
1485	Sequence and haplotype analysis supports HLA-C as the psoriasis susceptibility 1 gene. *American Journal of Human Genetics*, **2006**, 78, 827-851	11	441
1484	Multilocus association mapping using variable-length Markov chains. *American Journal of Human Genetics*, **2006**, 78, 903-13	11	112
1483	Diplotype trend regression analysis of the ADH gene cluster and the ALDH2 gene: multiple significant associations with alcohol dependence. *American Journal of Human Genetics*, **2006**, 78, 973-87	11	99
1482	Reconstructing genetic ancestry blocks in admixed individuals. *American Journal of Human Genetics*, **2006**, 79, 1-12	11	210
1481	A coalescence-guided hierarchical Bayesian method for haplotype inference. *American Journal of Human Genetics*, **2006**, 79, 313-22	11	25
1480	Linkage analysis identifies a novel locus for restless legs syndrome on chromosome 2q in a South Tyrolean population isolate. *American Journal of Human Genetics*, **2006**, 79, 716-23	11	90
1479	A new method for detecting human recombination hotspots and its applications to the HapMap ENCODE data. *American Journal of Human Genetics*, **2006**, 79, 628-39	11	20
1478	A flexible Bayesian framework for modeling haplotype association with disease, allowing for dominance effects of the underlying causative variants. *American Journal of Human Genetics*, **2006**, 79, 679-94	11	31
1477	Detecting disease-causing mutations in the human genome by haplotype matching. *American Journal of Human Genetics*, **2006**, 79, 958-64	11	4

1476	Mapping trait loci by use of inferred ancestral recombination graphs. *American Journal of Human Genetics*, **2006**, 79, 910-22	11	87
1475	Mutation-positive and mutation-negative patients with Cowden and Bannayan-Riley-Ruvalcaba syndromes associated with distinct 10q haplotypes. *American Journal of Human Genetics*, **2006**, 79, 923-34	11	26
1474	A common haplotype of the glucokinase gene alters fasting glucose and birth weight: association in six studies and population-genetics analyses. *American Journal of Human Genetics*, **2006**, 79, 991-1001	11	103
1473	Human adaptive evolution at Myostatin (GDF8), a regulator of muscle growth. *American Journal of Human Genetics*, **2006**, 79, 1089-97	11	33
1472	Polymorphisms in the hMSH2 gene and the risk of primary lung cancer. **2006**, 15, 762-8		35
1471	Association between polymorphisms in the DNA repair genes XRCC1 and APE1, and the risk of prostate cancer in white and black Americans. **2006**, 175, 108-12; discussion 112		60
1470	Human genetic evidence that OX40 is implicated in myocardial infarction. **2006**, 339, 1001-6		35
1469	The pregnane X receptor locus is associated with susceptibility to inflammatory bowel disease. **2006**, 130, 341-8; quiz 592		138
1468	The association of common SNPs and haplotypes in the CETP and MDR1 genes with lipids response to fluvastatin in familial hypercholesterolemia. **2006**, 185, 97-107		43
1467	SNPs at the APOA5 gene account for the strong association with hypertriglyceridaemia at the APOA5/A4/C3/A1 locus on chromosome 11q23 in the Northern Irish population. **2006**, 185, 353-60		42
1466	Association of TNF-alpha serum levels and TNFA promoter polymorphisms with risk of myocardial infarction. **2006**, 187, 408-14		76
1465	Diisocyanate asthma and gene-environment interactions with IL4RA, CD-14, and IL-13 genes. **2006**, 97, 800-6		44
1464	Molecular population genetics of the gene encoding the human fertilization protein zonadhesin reveals rapid adaptive evolution. *American Journal of Human Genetics*, **2006**, 79, 820-30	11	41
1463	Contribution of alpha- and beta-defensins to lung function decline and infection in smokers: an association study. **2006**, 7, 76		22
1462	References. 582-611		
1461	Single Nucleotide Polymorphisms and Their Applications. **2006**, 311-349		3
1460	Functional polymorphisms in the mannan-binding lectin 2 gene: effect on MBL levels and otitis media. **2006**, 117, 1344-50		56
1459	Associations of a novel IL4RA polymorphism, Ala57Thr, in Greenlander Inuit. **2006**, 118, 627-34		9

1458	Calpain 10 and development of diabetes mellitus in cystic fibrosis. **2006**, 5, 47-51	27
1457	Evaluation of a susceptibility gene for schizophrenia: genotype based meta-analysis of RGS4 polymorphisms from thirteen independent samples. **2006**, 60, 152-62	80
1456	Polymorphisms in TGF-beta1 gene and the risk of lung cancer. **2006**, 52, 1-7	58
1455	Polymorphisms in the FAS and FASL genes and risk of lung cancer in a Korean population. **2006**, 54, 303-8	35
1454	C-reactive protein genotype affects exercise training-induced changes in insulin sensitivity. **2006**, 55, 453-60	14
1453	Haplotypic variation in MRE11, RAD50 and NBS1 and risk of non-Hodgkin's lymphoma. **2006**, 47, 2567-83	13
1452	Arylamine N-acetyltransferase gene polymorphisms: markers for atopic asthma, serum IgE and blood eosinophil counts. **2006**, 7, 673-82	13
1451	Migration, isolation, and speciation of hydrothermal vent limpets (Gastropoda; Lepetodrilidae) across the Blanco Transform Fault. **2006**, 210, 140-57	64
1450	VEGF polymorphisms are associated with neovascular age-related macular degeneration. **2006**, 15, 2955-61	158
1449	Genetic variation in the visfatin gene (PBEF1) and its relation to glucose metabolism and fat-depot-specific messenger ribonucleic acid expression in humans. **2006**, 91, 2725-31	60
1448	Racial or ethnic differences in allele frequencies of single-nucleotide polymorphisms in the methylenetetrahydrofolate reductase gene and their influence on response to methotrexate in rheumatoid arthritis. **2006**, 65, 1213-8	96
1447	Plasminogen activator inhibitor type 1 gene polymorphisms and haplotypes are associated with plasma plasminogen activator inhibitor type 1 levels but not with myocardial infarction or stroke. **2006**, 152, 1109-15	46
1446	Evaluation of MMP3 and TIMP1 as candidate genes for high myopia in young Taiwanese men. **2006**, 142, 518-20	20
1445	A second decorin frame shift mutation in a family with congenital stromal corneal dystrophy. **2006**, 142, 520-1	50
1444	The G protein-coupled receptor kinase 4 gene affects blood pressure in young normotensive twins. **2006**, 19, 61-6	23
1443	Characterizing variation in sex steroid hormone pathway genes in women of 4 races/ethnicities: the Study of Women's Health Across the Nation (SWAN). **2006**, 119, S3-15	19
1442	IGF2 polymorphisms are associated with hepatitis B virus clearance and hepatocellular carcinoma. **2006**, 346, 38-44	23
1441	Insights into recombination from population genetic variation. **2006**, 16, 565-72	24

1440	The testis-specific apoptosis related gene TTL.6 underwent adaptive evolution in the lineage leading to humans. **2006**, 370, 58-63	4
1439	Exhaustive genotyping of the interferon alpha receptor 1 (IFNAR1) gene and association of an IFNAR1 protein variant with AIDS progression or susceptibility to HIV-1 infection in a French AIDS cohort. **2006**, 60, 569-77	23
1438	Evaluation of the role of Valosin-containing protein in the pathogenesis of familial and sporadic Paget's disease of bone. **2006**, 38, 280-5	35
1437	A new SNP in a negative regulatory region of the CYP19A1 gene is associated with lumbar spine BMD in postmenopausal women. **2006**, 38, 738-43	24
1436	Beta-2 adrenergic receptor gene (ADRB2) polymorphism and risk for lung adenocarcinoma: a case-control study in a Chinese population. **2006**, 240, 297-305	18
1435	Functional polymorphism 57Val>Ile of aurora kinase A associated with increased risk of gastric cancer progression. **2006**, 242, 273-9	38
1434	CXCL5 gene polymorphisms are related to systemic concentrations and leukocyte production of epithelial neutrophil-activating peptide (ENA-78). **2006**, 33, 258-63	13
1433	Association of VEGF genetic polymorphisms with prostate carcinoma risk and clinical outcome. **2006**, 35, 21-8	90
1432	A specific RAD51 haplotype increases breast cancer risk in Jewish non-Ashkenazi high-risk women. **2006**, 42, 1129-34	3
1431	Hierarchical Dirichlet Processes. **2006**, 101, 1566-1581	1590
1430	Genetic predisposition of responsiveness to therapy for chronic hepatitis C. **2006**, 7, 697-709	30
1429	Analysis of the endothelial nitric oxide synthase gene as a modifier of the cerebral response to ischemia. **2006**, 15, 128-31	8
1428	Precision of estimated QTL positions in granddaughter designs using combined haplotype sharing TDT and linkage analysis. **2006**, 105, 137-143	
1427	Genetic variations in ZFP36 and their possible relationship to autoimmune diseases. **2006**, 26, 182-96	36
1426	Gene expression and association analysis of LIM (PDLIM5) in major depression. **2006**, 400, 203-7	39
1425	Polymorphisms in the interleukin 6 and transforming growth factor beta1 gene and risk of dementia. The Rotterdam Study. **2006**, 402, 113-7	38
1424	Neither sequence variation in the IL-10 gene promoter nor presence of IL-10 protein in the cerebral cortex is associated with Alzheimer's disease. **2006**, 408, 141-5	14
1423	Polymorphism in the 5' upstream regulatory and 3' untranslated regions of the HLA-G gene in relation to soluble HLA-G and IL-10 expression. **2006**, 67, 53-62	90

1422	CTLA4 polymorphisms and ophthalmopathy in Graves' disease patients: association study and meta-analysis. **2006**, 67, 618-26	42
1421	Decreased risk for myocardial infarction and lower tumor necrosis factor-alpha levels in carriers of variants of the PDCD1 gene. **2006**, 67, 700-5	10
1420	Associations between common variation in the aromatase gene promoter region and testosterone concentrations in two young female populations. **2006**, 98, 199-206	16
1419	Association of the calpain-10 gene with type 2 diabetes in Europeans: results of pooled and meta-analyses. **2006**, 89, 174-84	69
1418	Catechol-O-methyltransferase gene polymorphisms are associated with multiple pain-evoking stimuli. **2006**, 125, 216-224	275
1417	Haplotypes in the urotensin II gene and urotensin II receptor gene are associated with insulin resistance and impaired glucose tolerance. **2006**, 27, 1659-67	42
1416	Polymorphisms within the tumor necrosis factor-alpha promoter region in patients with HLA-B27-associated uveitis: association with susceptibility and clinical manifestations. **2006**, 113, 695-700	34
1415	Association of TNFA promoter region haplotype in Behçet's Disease. **2006**, 21, 596-601	38
1414	A prospective assessment of the Y402H variant in complement factor H, genetic variants in C-reactive protein, and risk of age-related macular degeneration. **2006**, 47, 2336-40	65
1413	CYP1A1, GSTM1, GSTT1 and GSTP1 polymorphisms in an Afro-Brazilian group. **2006**, 29, 613-616	3
1412	. **2006**,	234
1411	Genetic signature consistent with selection against the CYP3A4*1B allele in non-African populations. **2006**, 16, 59-71	32
1410	Variants in the ATM-BRCA2-CHEK2 axis predispose to chronic lymphocytic leukemia. **2006**, 108, 638-44	99
1409	Stepwise haplotype analysis: are LD patterns repeatable?. **2006**, 2, 376-82	
1408	Transforming growth factor-beta gene polymorphisms in sarcoidosis patients with and without fibrosis. **2006**, 129, 1584-91	67
1407	Identification and functional significance of SNPs underlying conserved haplotype frameworks across ethnic populations. **2006**, 16, 667-82	6
1406	The TNF/ADAM 17 system: implication of an ADAM 17 haplotype in the clinical response to infliximab in Crohn's disease. **2006**, 16, 727-34	29
1405	Association of alpha1A adrenergic receptor gene variants on chromosome 8p21 with human stage 2 hypertension. **2006**, 24, 1049-56	22

1404	Single nucleotide polymorphisms and haplotypes of protein C and protein S genes in the Thai population. **2006**, 17, 13-8	7
1403	Relationship between CARD15, SLC22A4/5, and DLG5 polymorphisms and early-onset inflammatory bowel diseases: an Italian multicentric study. **2006**, 12, 355-61	34
1402	A Neural Network Model for Maximizing Prediction Accuracy in Haplotype Tagging SNP Selection.	
1401	Tumor necrosis factor-alpha and interleukin-10 gene expression in peripheral blood mononuclear cells after cardiac surgery. **2006**, 34, 2134-9	19
1400	CD14 promoter polymorphisms have no functional significance and are not associated with atopic phenotypes. **2006**, 16, 229-36	27
1399	Polymorphisms of the FAS and FAS ligand genes associated with risk of cutaneous malignant melanoma. **2006**, 16, 253-63	39
1398	Association analysis of polymorphisms in serotonin 1B receptor (HTR1B) gene with heroin addiction: a comparison of molecular and statistically estimated haplotypes. **2006**, 16, 25-36	50
1397	Genetic susceptibility to tardive dyskinesia among schizophrenia subjects: IV. Role of dopaminergic pathway gene polymorphisms. **2006**, 16, 111-7	62
1396	Exon sequencing and high resolution haplotype analysis of ABC transporter genes implicated in drug resistance. **2006**, 16, 439-50	58
1395	Genetic variation in interleukin 8 and its receptor genes and its influence on the risk and prognosis of prostate cancer among Finnish men in a large cancer prevention trial. **2006**, 15, 249-53	28
1394	Search for an association between the human CYP1A2 genotype and CYP1A2 metabolic phenotype. **2006**, 16, 359-67	75
1393	Lymphotoxin alpha gene in Crohn's disease patients: absence of implication in the response to infliximab in a large cohort study. **2006**, 16, 369-73	18
1392	Growth hormone-releasing hormone (GHRH) polymorphisms associated with carcass traits of meat in Korean cattle. **2006**, 7, 35	26
1391	Multinomial logistic regression approach to haplotype association analysis in population-based case-control studies. **2006**, 7, 43	9
1390	Computation of haplotypes on SNPs subsets: advantage of the "global method". **2006**, 7, 50	5
1389	Polymorphism analysis of six selenoprotein genes: support for a selective sweep at the glutathione peroxidase 1 locus (3p21) in Asian populations. **2006**, 7, 56	55
1388	A detailed Hapmap of the Sitosterolemia locus spanning 69 kb; differences between Caucasians and African-Americans. **2006**, 7, 13	15
1387	Haplotype analysis suggest common founders in carriers of the recurrent BRCA2 mutation, 3398delAAAAG, in French Canadian hereditary breast and/ovarian cancer families. **2006**, 7, 23	17

1386	Identification of polymorphisms and balancing selection in the male infertility candidate gene, ornithine decarboxylase antizyme 3. **2006**, 7, 27	10
1385	Paraoxonase gene polymorphisms and haplotype analysis in a stroke population. **2006**, 7, 28	40
1384	Chronic renal insufficiency among Asian Indians with type 2 diabetes: I. Role of RAAS gene polymorphisms. **2006**, 7, 42	57
1383	Analysis of coding variants in the betacellulin gene in type 2 diabetes and insulin secretion in African American subjects. **2006**, 7, 62	5
1382	Analysis of the XRCC1 gene as a modifier of the cerebral response in ischemic stroke. **2006**, 7, 78	9
1381	A major genetic component of BSE susceptibility. **2006**, 4, 33	85
1380	Advances in statistical human genetics over the last 25 years. **2006**, 25, 3049-80	22
1379	Association of haplotypes of beta2-adrenoceptor polymorphisms with lung function and airway responsiveness in a pediatric cohort. **2006**, 41, 1233-41	17
1378	Low mRNA levels of RGS4 splice variants in Alzheimer's disease: association between a rare haplotype and decreased mRNA expression. **2006**, 59, 173-6	25
1377	Molecular genetic variation in Passiflora alata (Passifloraceae), an invasive species in southern Brazil. **2006**, 88, 611-630	12
1376	GEOGRAPHIC RANGES, POPULATION STRUCTURE, AND AGES OF SEXUAL AND PARTHENOGENETIC SNAIL LINEAGES. **2006**, 60, 1417-1426	25
1375	Association between interleukin-1 receptor antagonist gene and asthma-related traits in a German adult population. **2006**, 61, 239-44	19
1374	Common promoter polymorphism in monocyte differentiation antigen CD14 is associated with serum triglyceride levels and body mass index in non-diabetic individuals. **2006**, 23, 72-6	7
1373	IL-18 gene polymorphism confers susceptibility to the development of anti-GAD65 antibody in Graves' disease. **2006**, 23, 211-5	8
1372	Putative association of peroxisome proliferator-activated receptor gamma co-activator 1beta (PPARGC1B) polymorphism with Type 2 diabetes mellitus. **2006**, 23, 635-42	10
1371	Phase determination from direct sequencing of length-variable DNA regions. **2006**, 6, 627-630	109
1370	Simultaneous cloning of multiple nuclear genes by pooling PCR products of variable size: a cost-effective method of improving efficiency in large-scale genetic analyses. **2006**, 7, 389-392	3
1369	Investigating the genetic determinants of cardiovascular disease using candidate genes and meta-analysis of association studies. **2006**, 70, 145-69	44

1368	MUC7 haplotype analysis: results from a longitudinal birth cohort support protective effect of the MUC7*5 allele on respiratory function. **2006**, 70, 417-27	35
1367	Investigation of the ability of haplotype association and logistic regression to identify associated susceptibility loci. **2006**, 70, 893-906	9
1366	Inherited defects of coagulation Factor V: the thrombotic side. **2006**, 4, 35-40	33
1365	Polymorphisms of prostaglandin-endoperoxide synthase 2 gene, and prostaglandin-E receptor 2 gene, C-reactive protein concentrations and risk of atherothrombosis: a nested case-control approach. **2006**, 4, 1718-22	32
1364	Haplotypes of the human RET proto-oncogene associated with Hirschsprung disease in the Italian population derive from a single ancestral combination of alleles. **2006**, 70, 12-26	35
1363	Patterns of genetic variation in the hypertension candidate gene GRK4: ethnic variation and haplotype structure. **2006**, 70, 27-41	43
1362	Evidence of an association between desmoglein 3 haplotypes and pemphigus vulgaris. **2006**, 154, 67-71	23
1361	High variability in CYP21A2 mutated alleles in Spanish 21-hydroxylase deficiency patients, six novel mutations and a founder effect. **2006**, 64, 330-6	41
1360	Comparative phylogeography in a genus of coral reef fishes: biogeographic and genetic concordance in the Caribbean. **2006**, 15, 695-707	97
1359	Multiple nuclear gene sequences identify phylogenetic species boundaries in the rapidly radiating clade of Mexican ambystomatid salamanders. **2006**, 15, 2489-503	61
1358	Apparent 'sympatric' speciation in ecologically similar herbivorous beetles facilitated by multiple colonizations of an island. **2006**, 15, 2935-47	46
1357	Cryptic biodiversity and phylogeographical patterns in a snapping shrimp species complex. **2006**, 15, 4049-63	47
1356	Linked vs unlinked markers: multilocus microsatellite haplotype-sharing as a tool to estimate gene flow and introgression. **2007**, 16, 243-56	33
1355	Phylogeography and population history of the crab-eating fox (Cerdocyon thous). **2007**, 16, 819-38	60
1354	Evaluation of kallikrein 7 as a disease-causing gene for canine atopic dermatitis using microsatellite-based association mapping. **2006**, 37, 601-3	2
1353	Torsemide renal clearance and genetic variation in luminal and basolateral organic anion transporters. **2006**, 62, 323-35	53
1352	Meat, milk, saturated fatty acids, the Pro12Ala and C161T polymorphisms of the PPARgamma gene and colorectal cancer risk in Japanese. **2006**, 97, 1226-35	23
1351	Interferon-gamma receptor-1 gene promoter polymorphisms (G-611A; T-56C) and susceptibility to tuberculosis. **2006**, 63, 142-50	44

1350	Interferon-gamma gene (T874A and G2109A) polymorphisms are associated with microscopy-positive tuberculosis. **2006**, 63, 136-41	49
1349	Identification of the gene responsible for methylmalonic aciduria and homocystinuria, cblC type. **2006**, 38, 93-100	279
1348	Long-range polony haplotyping of individual human chromosome molecules. **2006**, 38, 382-7	80
1347	CFH haplotypes without the Y402H coding variant show strong association with susceptibility to age-related macular degeneration. **2006**, 38, 1049-54	291
1346	Conservation of hotspots for recombination in low-copy repeats associated with the NF1 microdeletion. **2006**, 38, 1419-23	72
1345	A tutorial on statistical methods for population association studies. **2006**, 7, 781-91	963
1344	Modern computational approaches for analysing molecular genetic variation data. **2006**, 7, 759-70	156
1343	Polymorphisms in FOXO gene family and association analysis with BMI. **2006**, 14, 188-93	40
1342	Lack of association of glutamate decarboxylase 2 gene polymorphisms with severe obesity in utah. **2006**, 14, 650-5	7
1341	Independent evolution of bitter-taste sensitivity in humans and chimpanzees. **2006**, 440, 930-4	135
1340	Clustering of haplotypes based on phylogeny: how good a strategy for association testing?. **2006**, 14, 202-6	7
1339	An investigation of transmission ratio distortion in the central region of the human MHC. **2006**, 7, 51-8	13
1338	Microsatellite typing for DRB1 alleles: application to the analysis of HLA associations with rheumatoid arthritis. **2006**, 7, 533-43	5
1337	A hallmark of balancing selection is present at the promoter region of interleukin 10. **2006**, 7, 680-3	35
1336	Association of hypertension with single nucleotide polymorphisms in the quantitative trait locus for abdominal obesity-metabolic syndrome on chromosome 17. **2006**, 20, 419-25	7
1335	The AT2 gene may have a gender-specific effect on kidney function and pulse pressure in type I diabetic patients. **2006**, 69, 1880-4	24
1334	Cis and trans regulatory elements in NPHS2 promoter: implications in proteinuria and progression of renal diseases. **2006**, 70, 1332-41	16
1333	Extreme population differences across Neuregulin 1 gene, with implications for association studies. **2006**, 11, 66-75	79

1332	Why do young women smoke? I. Direct and interactive effects of environment, psychological characteristics and nicotinic cholinergic receptor genes. **2006**, 11, 312-22, 223	96
1331	Further evidence for the association between G72/G30 genes and schizophrenia in two ethnically distinct populations. **2006**, 11, 479-87	60
1330	Why do young women smoke? II. Role of traumatic life experience, psychological characteristics and serotonergic genes. **2006**, 11, 771-81	42
1329	Alcohol dependence is associated with the ZNF699 gene, a human locus related to Drosophila hangover, in the Irish Affected Sib Pair Study of Alcohol Dependence (IASPSAD) sample. **2006**, 11, 1025-31	22
1328	Sequence diversity and haplotype structure at the human CYP3A cluster. **2006**, 6, 105-14	31
1327	The role of vascular endothelial growth factor (VEGF) in inflammatory bowel disease. **2006**, 12, 870-8	42
1326	Impact of the SLCO1B1 polymorphism on the pharmacokinetics and lipid-lowering efficacy of multiple-dose pravastatin. **2006**, 79, 419-26	89
1325	SLCO1B1 polymorphism and sex affect the pharmacokinetics of pravastatin but not fluvastatin. **2006**, 80, 356-66	185
1324	Determinants of the rate of nicotine metabolism and effects on smoking behavior. **2006**, 80, 319-30	109
1323	MDR1 gene polymorphisms are associated with neuropsychiatric adverse effects of mefloquine. **2006**, 80, 367-74	60
1322	ABCB1 genetic variability and methadone dosage requirements in opioid-dependent individuals. **2006**, 80, 682-90	124
1321	Heat-shock protein 70 genes and human longevity: a view from Denmark. **2006**, 1067, 301-8	38
1320	BMP-2 gene polymorphisms and osteoporosis: the Rotterdam Study. **2006**, 21, 845-54	37
1319	Estrogen receptor beta (ESR2) polymorphisms in interaction with estrogen receptor alpha (ESR1) and insulin-like growth factor I (IGF1) variants influence the risk of fracture in postmenopausal women. **2006**, 21, 1443-56	69
1318	Large-scale population-based study shows no association between common polymorphisms of the TGFB1 gene and BMD in women. **2007**, 22, 195-202	16
1317	Frequencies of C677T and A1298C polymorphisms of methylenetetrahydrofolate reductase gene at the early stage of human development. **2006**, 42, 578-583	
1316	Integrin alpha-2 and beta-3 gene polymorphisms and breast cancer risk. **2006**, 97, 67-72	46
1315	Polymorphisms in inflammation-related genes and risk of gastric cancer (Finland). **2006**, 17, 117-25	139

1314	Systematic evaluation of association between the microsomal glutathione S-transferase 2 common variation and psoriasis vulgaris in Chinese population. **2006**, 298, 107-12	3
1313	No association between synapsin III gene promoter polymorphisms and multiple sclerosis in German patients. **2006**, 253, 1365-6	6
1312	Association study of semaphorin 7a (sema7a) polymorphisms with bone mineral density and fracture risk in postmenopausal Korean women. **2006**, 51, 112-117	48
1311	Quantitative trait loci in ABCA1 modify cerebrospinal fluid amyloid-beta 1-42 and plasma apolipoprotein levels. **2006**, 51, 171-179	10
1310	Polymorphisms in interleukin 8 and its receptors (IL8, IL8RA and IL8RB) and association of common IL8 receptor variants with peripheral blood eosinophil counts. **2006**, 51, 781-787	12
1309	The p.T191M mutation of the CBS gene is highly prevalent among homocystinuric patients from Spain, Portugal and South America. **2006**, 51, 305-313	20
1308	Complete sequence data support lack of balancing selection on PRNP in a natural Chinese population. **2006**, 51, 451-454	3
1307	A novel 111/121 diplotype in the Calpain-10 gene is associated with type 2 diabetes. **2006**, 51, 629-33	26
1306	Genetic susceptibility to Parkinson's disease among South and North Indians: I. Role of polymorphisms in dopamine receptor and transporter genes and association of DRD4 120-bp duplication marker. **2006**, 7, 223-9	19
1305	Gene-associated single nucleotide polymorphism discovery in perennial ryegrass (Lolium perenne L.). **2006**, 276, 101-12	74
1304	Towards compendia of negative genetic association studies: an example for Alzheimer disease. **2006**, 119, 29-37	38
1303	Variants in Deleted in AZoospermia-Like (DAZL) are correlated with reproductive parameters in men and women. **2006**, 118, 730-40	42
1302	Evidence for novel loci for late-onset Parkinson's disease in a genetic isolate from the Netherlands. **2006**, 119, 51-60	4
1301	Sequence diversity, natural selection and linkage disequilibrium in the human T cell receptor alpha/delta locus. **2006**, 119, 255-66	16
1300	Detecting genome wide haplotype sharing using SNP or microsatellite haplotype data. **2006**, 119, 38-50	10
1299	Interferon gamma polymorphisms and their interaction with smoking are associated with lung function. **2006**, 119, 365-75	11
1298	Allelic spectrum of the natural variation in CRP. **2006**, 119, 496-504	17
1297	Beta 2-adrenergic receptor polymorphisms: pharmacogenetic response to bronchodilator among African American asthmatics. **2006**, 119, 547-57	76

1296	Variants in the HEPSIN gene are associated with prostate cancer in men of European origin. **2006**, 120, 187-92	30
1295	Association study on chromosome 20q11.21-13.13 locus and its contribution to type 2 diabetes susceptibility in Japanese. **2006**, 120, 527-42	18
1294	Association of PLXNA2 polymorphisms with vertebral fracture risk and bone mineral density in postmenopausal Korean population. **2006**, 17, 1592-601	23
1293	Association of PLOD1 polymorphisms with bone mineral density in a population-based study of women from the UK. **2006**, 17, 1078-85	14
1292	Preliminary assessment of population structure in the mackerel icefish (Champsocephalus gunnari). **2006**, 29, 927-935	26
1291	Frequencies of single nucleotide polymorphisms and haplotypes of organic anion transporting polypeptide 1B1 SLCO1B1 gene in a Finnish population. **2006**, 62, 409-15	103
1290	UGT1A polymorphisms in a Swedish cohort and a human diversity panel, and the relation to bilirubin plasma levels in males and females. **2006**, 62, 829-37	36
1289	SSADH variation in primates: intra- and interspecific data on a gene with a potential role in human cognitive functions. **2006**, 63, 54-68	12
1288	Associations of the IL2Ralpha, IL4Ralpha, IL10Ralpha, and IFN (gamma) R1 cytokine receptor genes with AIDS progression in a French AIDS cohort. **2006**, 58, 89-98	15
1287	Association analysis of the AIRE and insulin genes in Finnish type 1 diabetic patients. **2006**, 58, 331-8	34
1286	Implications of inter-population linkage disequilibrium patterns on the approach to a disease association study in the human MHC class III. **2006**, 58, 465-70	10
1285	Nature of allelic sequence polymorphism at the KIR3DL3 locus. **2006**, 58, 614-27	19
1284	Association of interferon-gamma gene haplotype in the Chinese population with hepatitis B virus infection. **2006**, 58, 859-64	32
1283	Linkage disequilibrium in cultivated grapevine, Vitis vinifera L. **2006**, 112, 708-16	69
1282	Characterisation of single nucleotide polymorphisms in sugarcane ESTs. **2006**, 113, 331-43	50
1281	Topoisomerase II beta expression level correlates with doxorubicin-induced apoptosis in peripheral blood cells. **2006**, 374, 21-30	17
1280	Single-nucleotide polymorphisms and haplotypes of bone morphogenetic protein genes and peripheral bone mineral density in young Korean men and women. **2006**, 78, 203-11	25
1279	Haplotype analysis of UDP-glucuronocyltransferase 2B7 gene (UGT2B7) polymorphisms in healthy Japanese subjects. **2006**, 39, 303-8	29

1260	Vascular endothelial growth factor gene haplotypes in Kawasaki disease. **2006**, 54, 1588-94	44
1259	Fine mapping of disease genes via haplotype clustering. **2006**, 30, 170-9	45
1258	A Bayesian toolkit for genetic association studies. **2006**, 30, 231-47	84
1257	Estimation and testing of genotype and haplotype effects in case-control studies: comparison of weighted regression and multiple imputation procedures. **2006**, 30, 259-75	45
1256	Haplotype analysis in the presence of informatively missing genotype data. **2006**, 30, 290-300	11
1255	A comparison of several methods for haplotype frequency estimation and haplotype reconstruction for tightly linked markers from general pedigrees. **2006**, 30, 423-37	22
1254	Resampling-based multiple hypothesis testing procedures for genetic case-control association studies. **2006**, 30, 495-507	57
1253	Molecular evolution of 5' flanking regions of 87 candidate genes for atherosclerotic cardiovascular disease. **2006**, 30, 557-69	9
1252	Imputation methods to improve inference in SNP association studies. **2006**, 30, 690-702	43
1251	Multidrug resistance-1 gene polymorphisms associated with treatment outcomes in de novo acute myeloid leukemia. **2006**, 118, 2195-201	68
1250	O6-alkylguanine-DNA alkyltransferase gene polymorphisms and the risk of primary lung cancer. **2006**, 45, 239-49	32
1249	3' UTR polymorphism of the serotonin transporter gene and sudden infant death syndrome: haplotype analysis. **2006**, 140, 1453-7	20
1248	Analysis of a Scottish founder effect narrows the TAPVR-1 gene interval to chromosome 4q12. **2006**, 140, 2368-73	18
1247	Genetic association between schizophrenia and the DISC1 gene in the Scottish population. **2006**, 141B, 155-9	52
1246	Three major haplotypes of the beta2 adrenergic receptor define psychological profile, blood pressure, and the risk for development of a common musculoskeletal pain disorder. **2006**, 141B, 449-62	148
1245	BDNF gene variants and brain morphology in schizophrenia. **2006**, 141B, 513-23	66
1244	Cannabis receptor haplotype associated with fewer cannabis dependence symptoms in adolescents. **2006**, 141B, 895-901	66
1243	Highly scalable genotype phasing by entropy minimization. **2006**, 2006, 3482-6	2

1242	Comment. **2006**, 101, 104-106	
1241	PSORS2 markers are not associated with psoriatic arthritis in the Italian population. **2006**, 61, 120-2	4
1240	Haplotype reconstruction and estimation of haplotype frequencies from nuclear families with only one parent available. **2006**, 62, 12-9	10
1239	Association of transforming growth factor-beta1 gene polymorphisms with myocardial infarction in patients with angiographically proven coronary heart disease. **2006**, 26, 1114-9	60
1238	Genetic variants of arachidonate 5-lipoxygenase-activating protein, and risk of incident myocardial infarction and ischemic stroke: a nested case-control approach. **2006**, 37, 2007-11	89
1237	Polymorphisms of the phosphodiesterase 4D, cAMP-specific (PDE4D) gene and risk of ischemic stroke: a prospective, nested case-control evaluation. **2006**, 37, 2012-7	48
1236	Constructing near-perfect phylogenies with multiple homoplasy events. **2006**, 22, e514-22	7
1235	Breast cancer risk associated with genotypic polymorphism of the mitotic checkpoint genes: a multigenic study on cancer susceptibility. **2007**, 28, 1079-86	21
1234	The CAREGENE study: polymorphisms of the beta1-adrenoceptor gene and aerobic power in coronary artery disease. **2006**, 27, 808-16	48
1233	The association of oestrogen receptor alpha-haplotypes with cardiovascular risk factors in the British Women's Heart and Health Study. **2006**, 27, 1597-604	28
1232	DAPK1 variants are associated with Alzheimer's disease and allele-specific expression. **2006**, 15, 2560-8	107
1231	Association of TNF haplotypes with asthma, serum IgE levels, and correlation with serum TNF-alpha levels. **2006**, 35, 488-95	74
1230	Glucocorticoid receptor polymorphism affects transrepression but not transactivation. **2006**, 91, 2800-3	77
1229	Haplotypes in the promoter region of the ADIPOQ gene are associated with increased diabetes risk in a German Caucasian population. **2006**, 38, 447-51	54
1228	Vitamin D-binding protein (DBP) gene polymorphism is associated with Graves' disease and the vitamin D status in a Polish population study. **2006**, 114, 329-35	52
1227	Association of MEGSIN 2093C-2180T haplotype at the 3' untranslated region with disease severity and progression of IgA nephropathy. **2006**, 21, 1570-4	11
1226	Complement factor H polymorphism, complement activators, and risk of age-related macular degeneration. **2006**, 296, 301-9	234
1225	Complex haplotypes derived from noncoding polymorphisms of the intronless alpha2A-adrenergic gene diversify receptor expression. **2006**, 103, 5472-7	38

1224	CHRM3 gene variation is associated with decreased acute insulin secretion and increased risk for early-onset type 2 diabetes in Pima Indians. **2006**, 55, 3625-9	29
1223	ADH4 gene variation is associated with alcohol dependence and drug dependence in European Americans: results from HWD tests and case-control association studies. **2006**, 31, 1085-95	87
1222	Bayesian multi-population haplotype inference via a hierarchical dirichlet process mixture. **2006**,	11
1221	MDR1 haplotype frequencies in Japanese and Caucasian, and in Japanese patients with colorectal cancer and esophageal cancer. **2006**, 21, 126-32	69
1220	The XPD 751Gln allele is associated with an increased risk for esophageal adenocarcinoma: a population-based case-control study in Sweden. **2006**, 27, 1835-41	68
1219	ENPP1 variants and haplotypes predispose to early onset obesity and impaired glucose and insulin metabolism in German obese children. **2006**, 91, 4948-52	49
1218	Subtly impaired humoral immunity predisposes to frequently recurring genital herpes simplex virus type 2 infection and herpetic neuralgia. **2006**, 194, 571-8	30
1217	The complex evolutionary history of gorillas: insights from genomic data. **2007**, 24, 146-58	103
1216	The novel p21 polymorphism p21G251A is associated with locally advanced breast cancer. **2006**, 12, 6000-4	11
1215	Polymorphisms in the advanced glycosylation end product-specific receptor gene and risk of incident myocardial infarction or ischemic stroke. **2006**, 37, 1686-90	35
1214	A human derived SSADH coding variant is replacing the ancestral allele shared with primates. **2006**, 33, 593-603	6
1213	2SNP: scalable phasing based on 2-SNP haplotypes. **2006**, 22, 371-3	36
1212	Are molecular haplotypes worth the time and expense? A cost-effective method for applying molecular haplotypes. **2006**, 2, e127	21
1211	Migraine with aura associated with reversible MRI abnormalities. **2006**, 66, 946-7	23
1210	IL-10 polymorphisms are associated with early-onset celiac disease and severe mucosal damage in patients of Caucasian origin. **2006**, 8, 169-74	17
1209	Paraoxonase polymorphisms, haplotypes, and enzyme activity in Latino mothers and newborns. **2006**, 114, 985-91	98
1208	PRKCA and multiple sclerosis: association in two independent populations. **2006**, 2, e42	37
1207	High-resolution association mapping of quantitative trait loci: a population-based approach. **2006**, 172, 663-86	18

1206	Central respiratory dysfunction following vertebral artery dissection. **2006**, 66, 944	4
1205	MRI characteristics of cerebral air embolism from a venous source. **2006**, 66, 945-6	34
1204	Ancestral genomes, sex, and the population structure of Trypanosoma cruzi. **2006**, 2, e24	193
1203	FANCD2 associated with sporadic breast cancer risk. **2006**, 27, 1930-7	31
1202	MDR1 polymorphisms predict the response to etoposide-cisplatin combination chemotherapy in small cell lung cancer. **2006**, 36, 137-41	57
1201	Association study of CRP gene polymorphisms with serum CRP level and cardiovascular risk in the NHLBI Family Heart Study. **2006**, 291, H2752-7	46
1200	Interleukin-10 gene polymorphisms are associated with the SLICC/ACR Damage Index in systemic lupus erythematosus. **2006**, 45, 400-4	15
1199	Thrombomodulin gene polymorphisms and haplotypes and the risk of cardiovascular events: a prospective follow-up study. **2006**, 26, 942-7	17
1198	Lack of association with TorsinA haplotype in German patients with sporadic dystonia. **2006**, 66, 951-2	43
1197	Sequence diversity at the proximal 14q32.1 SERPIN subcluster: evidence for natural selection favoring the pseudogenization of SERPINA2. **2007**, 24, 587-98	17
1196	Polymorphic markers suggest a gene flow of CFTR gene from Sub-Saharan/Arabian and Mediterranean to Brazilian Population. **2006**, 97, 313-7	7
1195	Associations of classic Kaposi sarcoma with common variants in genes that modulate host immunity. **2006**, 15, 926-34	47
1194	Host immunogenetics and control of human herpesvirus-8 infection. **2006**, 193, 1054-62	23
1193	Association of adiponectin gene variations with risk of incident myocardial infarction and ischemic stroke: a nested case-control study. **2006**, 52, 2021-7	52
1192	Inflammation-related gene polymorphisms and colorectal adenoma. **2006**, 15, 1126-31	120
1191	Polymorphisms in the glucokinase-associated, dual-specificity phosphatase 12 (DUSP12) gene under chromosome 1q21 linkage peak are associated with type 2 diabetes. **2006**, 55, 2631-9	23
1190	IL-6 haplotypes, inflammation, and risk for cardiovascular disease in a multiethnic dialysis cohort. **2006**, 17, 863-70	106
1189	Association of polymorphisms in the promoter region of chicken prolactin with egg production. **2006**, 85, 26-31	63

1188	Implication of chromosome 18 in hypertension by sibling pair and association analyses: putative involvement of the RKHD2 gene. **2006**, 48, 883-91	22
1187	Gain-of-function haplotypes in the vesicular monoamine transporter promoter are protective for Parkinson disease in women. **2006**, 15, 299-305	81
1186	Rapid identification of three functionally relevant polymorphisms in the OATP1B1 transporter gene using Pyrosequencing. **2006**, 7, 167-76	10
1185	Haplotypes defined by promoter and intron 1 polymorphisms of the COLIA1 gene regulate bone mineral density in women. **2006**, 91, 3575-83	48
1184	Likelihood-Based Inference on Haplotype Effects in Genetic Association Studies. **2006**, 101, 89-104	122
1183	Haplotype of signal transducer and activator of transcription 3 gene predicts cardiovascular disease in dialysis patients. **2006**, 17, 2285-92	10
1182	Tagging-SNP haplotype analysis of the secretory PLA2IIa gene PLA2G2A shows strong association with serum levels of sPLA2IIa: results from the UDACS study. **2006**, 15, 355-61	41
1181	Evidence for recent positive selection at the human AIM1 locus in a European population. **2006**, 23, 179-88	71
1180	Relations of APOE promoter polymorphisms to LDL cholesterol and markers of subclinical atherosclerosis in young adults. **2006**, 47, 1298-306	16
1179	Variants in the GH-IGF axis confer susceptibility to lung cancer. **2006**, 16, 693-701	93
1178	Sequencing and haplotype analysis of the activator of CREM in the testis (ACT) gene in populations of fertile and infertile males. **2006**, 12, 257-62	19
1177	Polymorphisms and haplotypes of the regulator of G protein signaling-2 gene in normotensives and hypertensives. **2006**, 47, 415-20	62
1176	Functional characterization and haplotype analysis of polymorphisms in the human equilibrative nucleoside transporter, ENT2. **2006**, 34, 12-5	39
1175	Effects on production traits of haplotypes among casein genes in Norwegian goats and evidence for a site of preferential recombination. **2006**, 174, 455-64	53
1174	The novel UGT1A9 intronic I399 polymorphism appears as a predictor of 7-ethyl-10-hydroxycamptothecin glucuronidation levels in the liver. **2006**, 34, 1220-8	67
1173	Localization of a long-range cis-regulatory element of IL13 by allelic transcript ratio mapping. **2007**, 17, 82-7	23
1172	ALTree: association detection and localization of susceptibility sites using haplotype phylogenetic trees. **2006**, 22, 1402-3	6
1171	Rheumatoid leptomeningitis after heart transplantation. **2006**, 66, 948-9	14

1170	The effects of genotype-dependent recombination, and transmission asymmetry, on linkage disequilibrium. **2006**, 172, 2001-5	9
1169	Novel polymorphisms in the SUV39H2 histone methyltransferase and the risk of lung cancer. **2006**, 27, 2217-22	31
1168	Tumor necrosis factor alpha and interleukin 10 promoter region polymorphisms and risk of late-onset Alzheimer disease. **2006**, 63, 1165-9	72
1167	GEOGRAPHIC RANGES, POPULATION STRUCTURE, AND AGES OF SEXUAL AND PARTHENOGENETIC SNAIL LINEAGES. **2006**, 60, 1417	1
1166	Associations of catalase gene polymorphisms with bone mineral density and bone turnover markers in postmenopausal women. **2007**, 44, e62	21
1165	Poly(ADP-ribose) polymerase (PARP) polymorphisms associated with nephritis and arthritis in systemic lupus erythematosus. **2006**, 45, 711-7	29
1164	Exhaustive genotyping of the interleukin-1 family genes and associations with AIDS progression in a French cohort. **2006**, 194, 1492-504	16
1163	SequenceLDhot: detecting recombination hotspots. **2006**, 22, 3061-6	61
1162	Penguins and hummingbirds: midbrain atrophy in progressive supranuclear palsy. **2006**, 66, 949-50	59
1161	TagSNP analyses of the PON gene cluster: effects on PON1 activity, LDL oxidative susceptibility, and vascular disease. **2006**, 47, 1014-24	26
1160	Efficient inference of haplotypes from genotypes on a large animal pedigree. **2006**, 172, 1757-65	17
1159	Human P2X7 pore function predicts allele linkage disequilibrium. **2006**, 52, 995-1004	41
1158	The HADHSC gene encoding short-chain L-3-hydroxyacyl-CoA dehydrogenase (SCHAD) and type 2 diabetes susceptibility: the DAMAGE study. **2006**, 55, 3193-6	6
1157	Variation of the N-acetyltransferase 2 gene in a Romanian and a Kyrgyz population. **2006**, 15, 138-41	13
1156	OGG1 polymorphisms and breast cancer risk. **2006**, 15, 811-5	40
1155	Cytochrome P450 1B1 and catechol-O-methyltransferase genetic polymorphisms and endometrial cancer risk in Chinese women. **2006**, 15, 2570-3	18
1154	Polymorphisms in the DNA repair genes XPC, XPD, and XPG and risk of cutaneous melanoma: a case-control analysis. **2006**, 15, 2526-32	73
1153	Genetic variation in the sodium-dependent vitamin C transporters, SLC23A1, and SLC23A2 and risk for preterm delivery. **2006**, 163, 245-54	63

1152	Search for low penetrance alleles for colorectal cancer through a scan of 1467 non-synonymous SNPs in 2575 cases and 2707 controls with validation by kin-cohort analysis of 14 704 first-degree relatives. **2006**, 15, 3263-71	56
1151	Intra- and interpopulation genotype reconstruction from tagging SNPs. **2007**, 17, 96-107	28
1150	Influence of nonsynonymous polymorphisms of UGT1A8 and UGT2B7 metabolizing enzymes on the formation of phenolic and acyl glucuronides of mycophenolic acid. **2006**, 34, 1539-45	84
1149	Polymorphisms in the T cell regulatory gene cytotoxic T lymphocyte antigen 4 influence the rate of acute rejection after liver transplantation. **2006**, 55, 863-8	24
1148	Genetic variants in brain-derived neurotrophic factor associated with Alzheimer's disease. **2007**, 44, e66	60
1147	Chymase gene (CMA1) polymorphisms in Dutch and Japanese sarcoidosis patients. **2006**, 73, 623-33	4
1146	How well do HapMap haplotypes identify common haplotypes of genes? A comparison with haplotypes of 334 genes resequenced in the environmental genome project. **2006**, 15, 133-7	12
1145	Genetic variation in soluble epoxide hydrolase (EPHX2) and risk of coronary heart disease: The Atherosclerosis Risk in Communities (ARIC) study. **2006**, 15, 1640-9	152
1144	Roles for HLA and KIR polymorphisms in natural killer cell repertoire selection and modulation of effector function. **2006**, 203, 633-45	429
1143	Combinatorial search methods for multi-SNP disease association. **2006**, 2006, 5802-5	12
1142	HAPLOFREQ--estimating haplotype frequencies efficiently. **2006**, 13, 481-500	9
1141	IL-1B and IL-1RN gene polymorphisms in rheumatoid arthritis: relationship with protein plasma levels and response to therapy. **2006**, 7, 683-95	62
1140	A Neural Network Model for Maximizing Prediction Accuracy in Haplotype Tagging SNP Selection. **2006**,	
1139	Genetic variability, haplotype structures, and ethnic diversity of hepatic transporters MDR3 (ABCB4) and bile salt export pump (ABCB11). **2006**, 34, 1582-99	86
1138	Test of association between haplotypes and phenotypes in case-control studies: examination of validity of the application of an algorithm for samples from cohort or clinical trials to case-control samples using simulated and real data. **2006**, 174, 1505-16	3
1137	Hypoadiponectinemia is associated with progression toward type 2 diabetes and genetic variation in the ADIPOQ gene promoter. **2006**, 29, 1645-50	75
1136	Evidence for susceptibility determinant(s) to psoriasis vulgaris in or near PTPN22 in German patients. **2006**, 43, 517-22	27
1135	Characterization of common UGT1A8, UGT1A9, and UGT2B7 variants with different capacities to inactivate mutagenic 4-hydroxylated metabolites of estradiol and estrone. **2006**, 66, 125-33	91

1134	Constructing the parental linkage phase and the genetic map over distances . **2006**, 172, 1325-35	3
1133	Pharmacogenetic screening of CYP3A and ABCB1 in relation to population pharmacokinetics of docetaxel. **2006**, 12, 5786-93	105
1132	Genetic polymorphisms of the CYP19A1 gene and breast cancer survival. **2006**, 15, 2115-22	48
1131	Challenges of SNP genotyping and genetic variation: its future role in diagnosis and treatment of cancer. **2006**, 6, 319-31	56
1130	Methionine synthase reductase polymorphisms are associated with serum osteocalcin levels in postmenopausal women. **2006**, 38, 519-24	14
1129	Putative association of RUNX1 polymorphisms with IgE levels in a Korean population. **2006**, 38, 583-8	6
1128	Association of common promoter polymorphisms of MCP1 with hepatitis B virus clearance. **2006**, 38, 694-702	34
1127	The role of MMP-2 and MMP-9 polymorphisms in sporadic intracranial aneurysms. **2006**, 105, 418-23	104
1126	A sex-specific role of type VII adenylyl cyclase in depression. **2006**, 26, 12609-19	34
1125	Liver intestine-cadherin (CDH17) haplotype is associated with increased risk of hepatocellular carcinoma. **2006**, 12, 5248-52	31
1124	Functional variants in the lymphotoxin-alpha gene predict cardiovascular disease in dialysis patients. **2006**, 17, 3158-66	12
1123	Nucleotide variation and haplotype diversity in a 10-kb noncoding region in three continental human populations. **2006**, 174, 399-409	23
1122	Factor VII gene haplotypes and risk of ischemic stroke. **2006**, 52, 1190-2	15
1121	Variation in the human TAS1R taste receptor genes. **2006**, 31, 599-611	93
1120	A note on phasing long genomic regions using local haplotype predictions. **2006**, 4, 639-47	6
1119	Staphylococcus aureus nasal carriage is associated with glucocorticoid receptor gene polymorphisms. **2006**, 194, 814-8	110
1118	The effect of genetic variation of the retinoic acid receptor-related orphan receptor C gene on fatness in cattle. **2007**, 175, 843-53	35
1117	Functional polymorphisms of JWA gene are associated with risk of bladder cancer. **2007**, 70, 876-84	9

1116	Strain typing and determination of population structure of Candida krusei by multilocus sequence typing. **2007**, 45, 317-23	58
1115	Genetic protection against hepatitis B virus conferred by CCR5Delta32: Evidence that CCR5 contributes to viral persistence. **2007**, 81, 441-5	73
1114	A functional SNP of interferon-gamma gene is important for interferon-alpha-induced and spontaneous recovery from hepatitis C virus infection. **2007**, 104, 985-90	98
1113	Efficient computation of minimum recombination with genotypes (not haplotypes). **2007**, 5, 181-200	2
1112	Identification and functional analysis of common human flavin-containing monooxygenase 3 genetic variants. **2007**, 320, 266-73	57
1111	Variation of the transcription factor 7-like 2 (TCF7L2) gene predicts impaired fasting glucose in healthy young adults: the Cardiovascular Risk in Young Finns Study. **2007**, 30, 2299-301	20
1110	Polymorphisms and haplotypes of the estrogen receptor-beta gene (ESR2) and cardiovascular disease in men and women. **2007**, 53, 1749-56	69
1109	Lack of association between interleukin-1 gene cluster polymorphisms and glaucoma in Chinese subjects. **2007**, 48, 2123-6	13
1108	The MBL2 'LYQA secretor' haplotype is an independent predictor of postoperative myocardial infarction in whites undergoing coronary artery bypass graft surgery. **2007**, 116, I106-12	26
1107	Ethnicity-related polymorphisms and haplotypes in the human ABCB1 gene. **2007**, 8, 29-39	78
1106	Thymidylate synthase polymorphisms, folate and B-vitamin intake, and risk of colorectal adenoma. **2007**, 97, 1449-56	17
1105	Genetic variation in five genes important in telomere biology and risk for breast cancer. **2007**, 97, 832-6	65
1104	Association between nucleotide excision repair gene polymorphisms and chromosomal damage in coke-oven workers. **2007**, 12, 76-86	16
1103	SNP- and haplotype analysis of the tryptophan hydroxylase 2 gene in alcohol-dependent patients and alcohol-related suicide. **2007**, 32, 1687-94	36
1102	NPHS2 variation in sporadic focal segmental glomerulosclerosis. **2007**, 18, 2987-95	49
1101	A pharmacogenetic study of pregnane X receptor (NR1I2) in Han Chinese. **2007**, 8, 778-86	18
1100	Imputation-based analysis of association studies: candidate regions and quantitative traits. **2007**, 3, e114	386
1099	Haplotype inference for present-absent genotype data using previously identified haplotypes and haplotype patterns. **2007**, 23, 2399-406	18

1098	GPR54 polymorphisms in Chinese girls with central precocious puberty. **2007**, 86, 77-83	43
1097	The FEZ1 gene shows no association to schizophrenia in Caucasian or African American populations. **2007**, 32, 190-6	15
1096	Intra-ethnic differences in genetic variants of the UGT-glucuronosyltransferase 1A1 gene in Chinese populations. **2007**, 7, 333-8	38
1095	Nucleotide sequence variation within the human tyrosine kinase B neurotrophin receptor gene: association with antisocial alcohol dependence. **2007**, 7, 368-79	35
1094	Molecular characterisation of a common SDHB deletion in paraganglioma patients. **2008**, 45, 233-8	57
1093	Association between osteopontin and human abdominal aortic aneurysm. **2007**, 27, 655-60	104
1092	Evaluation of genetic variation in the double-strand break repair pathway and bladder cancer risk. **2007**, 28, 1788-93	83
1091	Localization of candidate regions maintaining a common polymorphic inversion (2La) in Anopheles gambiae. **2007**, 3, e217	67
1090	The molecular basis of high-altitude adaptation in deer mice. **2007**, 3, e45	152
1089	Population stratification of a common APOBEC gene deletion polymorphism. **2007**, 3, e63	183
1088	Mapping Nucleotide Sequences that Encode Complex Binary Disease Traits with HapMap. **2007**, 8, 307-22	10
1087	Interleukin-18 gene promoter polymorphisms and the risk of esophageal squamous cell carcinoma. **2007**, 46, 1090-6	30
1086	Effect of endothelin 1 genotype on blood pressure is dependent on physical activity or fitness levels. **2007**, 50, 1120-5	50
1085	N-acetyltransferase polymorphism among northern Sudanese. **2007**, 79, 445-52	6
1084	Inferring missing genotypes in large SNP panels using fast nearest-neighbor searches over sliding windows. **2007**, 23, i401-7	60
1083	Cytotoxic T-lymphocyte associated antigen 4 gene polymorphisms and autoimmune thyroid disease: a meta-analysis. **2007**, 92, 3162-70	138
1082	Population-based sample reveals gene-gender interactions in blood pressure in White Americans. **2007**, 49, 96-106	100
1081	Dissecting linkage disequilibrium in African-American genomes: roles of markers and individuals. **2007**, 24, 2049-58	17

1080	Polymorphisms in the CYP19A1 (aromatase) gene and endometrial cancer risk in Chinese women. **2007**, 16, 943-9	31
1079	Genetic association mapping via evolution-based clustering of haplotypes. **2007**, 3, e111	26
1078	Identification of the imprinted KLF14 transcription factor undergoing human-specific accelerated evolution. **2007**, 3, e65	70
1077	Ancestral alleles and population origins: inferences depend on mutation rate. **2007**, 24, 990-7	6
1076	Error detection in SNP data by considering the likelihood of recombinational history implied by three-site combinations. **2007**, 23, 1807-14	11
1075	Amino acid substitution polymorphisms of the DNA repair gene MGMT and the susceptibility to cervical carcinoma. **2007**, 28, 1314-22	20
1074	Variation resources at UC Santa Cruz. **2007**, 35, D716-20	18
1073	A new approach to estimate parameters of speciation models with application to apes. **2007**, 17, 1505-19	201
1072	Natriuretic peptide precursor a gene polymorphisms and risk of blood pressure progression and incident hypertension. **2007**, 50, 1114-9	28
1071	Intercellular adhesion molecule 1 (ICAM1) Lys56Met and Gly241Arg gene variants, plasma-soluble ICAM1 concentrations, and risk of incident cardiovascular events in 23,014 initially healthy white women. **2007**, 38, 3152-7	8
1070	SPP1 promoter polymorphisms: identification of the first modifier gene for pseudoxanthoma elasticum. **2007**, 53, 829-36	50
1069	Haplotype thinking in lung disease. **2007**, 4, 4-8	9
1068	Towards linkage analysis with markers in linkage disequilibrium by graphical modelling. **2007**, 64, 16-26	14
1067	Incorporating genotyping uncertainty in haplotype frequency estimation in pedigree studies. **2007**, 64, 172-81	4
1066	ACTN3 genotyping by real-time PCR in the Italian population and athletes. **2007**, 39, 810-5	35
1065	Association analysis of CD40 polymorphisms with asthma and the level of serum total IgE. **2007**, 175, 775-82	50
1064	Ethnicity-specific gene-gene interaction between IL-13 and IL-4Ralpha among African Americans with asthma. **2007**, 175, 881-7	70
1063	Comprehensive genetic variant discovery in the surfactant protein B gene. **2007**, 62, 170-5	12

1062	Diploid genome reconstruction of Ciona intestinalis and comparative analysis with Ciona savignyi. **2007**, 17, 1101-10	55
1061	MarSelHR: A Haplotype Reconstruction System Using Linkage Disequilibrium. **2007**,	
1060	Bayesian haplotype inference via the Dirichlet process. **2007**, 14, 267-84	25
1059	Study of common functional genetic polymorphisms of FCGR2A, 3A and 3B genes and the risk for cryptococcosis in HIV-uninfected patients. **2007**, 45, 513-8	29
1058	Pattern-recognition techniques with haplotype analysis in pharmacogenomics. **2007**, 8, 75-83	36
1057	Self-Optimizing Parallel Algorithms for Haplotype Reconstruction and Their Evaluation on the JPT and CHB Genotype Data. **2007**,	1
1056	Interacting effects of the dopamine transporter gene and psychosocial adversity on attention-deficit/hyperactivity disorder symptoms among 15-year-olds from a high-risk community sample. **2007**, 64, 585-90	146
1055	Recurrent positive selection at bgcn, a key determinant of germ line differentiation, does not appear to be driven by simple coevolution with its partner protein bam. **2007**, 24, 182-91	23
1054	Reliable screening for a pain-protective haplotype in the GTP cyclohydrolase 1 gene (GCH1) through the use of 3 or fewer single nucleotide polymorphisms. **2007**, 53, 1010-5	44
1053	Genetic variation in the DNA repair genes is predictive of outcome in lung cancer. **2007**, 16, 2333-40	65
1052	Common genetic variation in TP53 is associated with lung cancer risk and prognosis in African Americans and somatic mutations in lung tumors. **2007**, 16, 214-22	55
1051	Haplotype of N-acetyltransferase 1 and 2 and risk of pancreatic cancer. **2007**, 16, 2379-86	25
1050	Vascular endothelial growth factor gene polymorphisms associated with prognosis for patients with gastric cancer. **2007**, 18, 1030-6	60
1049	Lactase persistence and bitter taste response: instrumental variables and mendelian randomization in epidemiologic studies of dietary factors and cancer risk. **2007**, 166, 576-81	77
1048	Genetic polymorphisms in folate metabolism and the risk of stomach cancer. **2007**, 16, 115-21	41
1047	A new method for haplotype inference including full-sib information. **2007**, 177, 1929-40	3
1046	Polymorphic variation in the 11beta-hydroxylase gene associates with reduced 11-hydroxylase efficiency. **2007**, 49, 113-9	35
1045	Haplotypes of IL1B, IL1RN, IL1R1, and IL1R2 and the risk of venous thrombosis. **2007**, 27, 1486-91	27

1044	Anti-Müllerian hormone and anti-Müllerian hormone type II receptor polymorphisms are associated with follicular phase estradiol levels in normo-ovulatory women. **2007**, 22, 1547-54	82
1043	Genetic variation at the CYP2C locus and its association with torsemide biotransformation. **2007**, 7, 200-11	15
1042	Catecholamine release-inhibitory peptide catestatin (chromogranin A(352-372)): naturally occurring amino acid variant Gly364Ser causes profound changes in human autonomic activity and alters risk for hypertension. **2007**, 115, 2271-81	91
1041	Genetic variation in TP53 and risk of breast cancer in a population-based case control study. **2007**, 28, 1680-6	47
1040	A novel and major association of HLA-C in Graves' disease that eclipses the classical HLA-DRB1 effect. **2007**, 16, 2149-53	72
1039	Functional polymorphism in ABCA1 influences age of symptom onset in coronary artery disease patients. **2007**, 16, 1412-22	23
1038	A 100K genome-wide association scan for diabetes and related traits in the Framingham Heart Study: replication and integration with other genome-wide datasets. **2007**, 56, 3063-74	74
1037	Association between heat shock protein 70/Hom genetic polymorphisms and uveitis in patients with sarcoidosis. **2007**, 48, 3019-25	45
1036	An ancestral variant of Secretogranin II confers regulation by PHOX2 transcription factors and association with hypertension. **2007**, 16, 1752-64	24
1035	SPP1 polymorphisms associated with HBV clearance and HCC occurrence. **2007**, 36, 1001-8	42
1034	A hexanucleotide repeat upstream of eotaxin gene promoter is associated with asthma, serum total IgE and plasma eotaxin levels. **2007**, 44, 397-403	17
1033	Common NOS1AP variants are associated with a prolonged QTc interval in the Rotterdam Study. **2007**, 116, 10-6	116
1032	Beta2-Adrenoceptor polymorphisms and asthma phenotypes: interactions with passive smoking. **2007**, 30, 48-55	28
1031	Genetic Characterization of Common Eiders Breeding in the Yukon-Kuskokwim Delta, AlaskaCaracterización Genética De Individuos De Somateria Mollissima Que Se Reproducen En El Delta De Yukon-kuskokwim, AlaskaCommon Eider Population Structure. **2007**, 109, 878	10
1030	Dietary folate intake, MTHFR genetic polymorphisms, and the risk of endometrial cancer among Chinese women. **2007**, 16, 281-7	55
1029	Signatures of selection in the human olfactory receptor OR5I1 gene. **2008**, 25, 144-54	24
1028	A comparison of biallelic markers and microsatellites for the estimation of population and conservation genetic parameters in Atlantic salmon (Salmo salar). **2007**, 98, 692-704	53
1027	Signatures of strong population differentiation shape extended haplotypes across the human CD28, CTLA4, and ICOS costimulatory genes. **2007**, 104, 570-5	37

1026	UDP-Glucuronosyltransferase 1A1 gene polymorphisms and total bilirubin levels in an ethnically diverse cohort of women. **2007**, 35, 1254-61	19
1025	HAPLOPOOL: improving haplotype frequency estimation through DNA pools and phylogenetic modeling. **2007**, 23, 3048-55	18
1024	CHRM2 variation predisposes to personality traits of agreeableness and conscientiousness. **2007**, 16, 1557-68	20
1023	Genome-wide selection of tag SNPs using multiple-marker correlation. **2007**, 23, 3178-84	13
1022	Association of genetic variations with nonfatal venous thrombosis in postmenopausal women. **2007**, 297, 489-98	144
1021	Nonvalidation of reported genetic risk factors for acute coronary syndrome in a large-scale replication study. **2007**, 297, 1551-61	199
1020	Tagging SNP haplotype analysis of the secretory PLA2-V gene, PLA2G5, shows strong association with LDL and oxLDL levels, suggesting functional distinction from sPLA2-IIA: results from the UDACS study. **2007**, 16, 1437-44	34
1019	Association studies of BMI and type 2 diabetes in the neuropeptide Y pathway: a possible role for NPY2R as a candidate gene for type 2 diabetes in men. **2007**, 56, 1460-7	45
1018	Association analysis of hepatitis virus B infection with haplotypes of the TBX21 gene promoter region in the Chinese population. **2007**, 45, 333-8	6
1017	Haplotype effects on matrix metalloproteinase-1 gene promoter activity in cancer cells. **2007**, 5, 221-7	11
1016	Analysis of genes critical for growth regulation identifies Insulin-like Growth Factor 2 Receptor variations with possible functional significance as risk factors for osteosarcoma. **2007**, 16, 1667-74	68
1015	Genetic polymorphisms in the Rb-binding zinc finger gene RIZ and the risk of lung cancer. **2007**, 28, 1971-7	14
1014	Haplotype analysis of CYP11A1 identifies promoter variants associated with breast cancer risk. **2007**, 67, 5673-82	14
1013	Molecular characterization of the Rocky Mountain elk (Cervus elaphus nelsoni) PRNP putative promoter. **2007**, 98, 678-86	3
1012	Mutation screening of the FKBP6 gene and its association study with spermatogenic impairment in idiopathic infertile men. **2007**, 133, 511-6	26
1011	Estimating meiotic gene conversion rates from population genetic data. **2007**, 177, 881-94	45
1010	Candidate genetic risk factors of stroke: results of a multilocus genotyping assay. **2007**, 53, 600-5	24
1009	Putative association of Fas and FasL gene polymorphisms with clinical outcomes of hepatitis B virus infection. **2007**, 50, 369-76	27

1008	Retrospective analysis of coagulation factor II receptor (F2R) sequence variation and coronary heart disease in hypertensive patients. **2007**, 27, 1213-9	18
1007	An expectation maximization approach to estimate malaria haplotype frequencies in multiply infected children. **2007**, 6, Article33	12
1006	Effects of genetic variation in the human retinol binding protein-4 gene (RBP4) on insulin resistance and fat depot-specific mRNA expression. **2007**, 56, 3095-100	81
1005	Haplotype structure and selection of the MDM2 oncogene in humans. **2007**, 104, 4524-9	52
1004	Functional relevance of DNA polymorphisms within the promoter region of the prion protein gene and their association to BSE infection. **2007**, 21, 1547-55	35
1003	Multiple ADH genes modulate risk for drug dependence in both African- and European-Americans. **2007**, 16, 380-90	37
1002	In vitro assays fail to predict in vivo effects of regulatory polymorphisms. **2007**, 16, 1931-9	74
1001	The neuronal nicotinic receptor subunit genes (CHRNA6 and CHRNB3) are associated with subjective responses to tobacco. **2008**, 17, 724-34	81
1000	Genetic evidence implicating DARPP-32 in human frontostriatal structure, function, and cognition. **2007**, 117, 672-82	177
999	Identification of Single Nucleotide Polymorphism of H-FABP Gene and Its Association with Fatness Traits in Chickens. **2007**, 20, 1812-1819	11
998	MALDI-MS of Nucleic Acids and Practical Implementations in Genomics and Genetics. 131-179	3
997	No association of polymorphisms in the gene encoding 5-lipoxygenase-activating protein and myocardial infarction in a large central European population. **2007**, 9, 123-9	26
996	Association mapping of susceptibility loci for rheumatoid arthritis. **2007**, 1 Suppl 1, S15	1
995	Evaluating gene x gene and gene x smoking interaction in rheumatoid arthritis using candidate genes in GAW15. **2007**, 1 Suppl 1, S17	15
994	Genetic variations and haplotype structures of the ABC transporter gene ABCC1 in a Japanese population. **2007**, 22, 48-60	9
993	Normative genetic profiles of RAAS pathway gene polymorphisms in North Indian and South Indian populations. **2007**, 79, 241-54	9
992	IL-1beta genotype-related effect of prednisolone on IL-1beta production in human peripheral blood mononuclear cells under acute inflammation. **2007**, 30, 1481-7	10
991	Strong linkage disequilibrium and association of -1131T>C and c.553G>T polymorphisms of the apolipoprotein A5 gene with hypertriglyceridemia in a Japanese population. **2007**, 71, 746-52	32

990	Promoter SNPs in G1/S checkpoint regulators and their impact on the susceptibility to childhood leukemia. **2007**, 109, 683-92	51
989	Phasing Genotypes Using a Hidden Markov Model. **2007**, 353-372	
988	Analytical and Algorithmic Methods for Haplotype Frequency Inference: What do they Tell Us?. **2007**, 373-394	
987	Optimization Methods for Genotype Data Analysis in Epidemiological Studies. **2007**, 395-415	
986	CYP2D6*4 polymorphism is associated with statin-induced muscle effects. **2007**, 17, 695-707	57
985	Association of total plasma homocysteine with methylenetetrahydrofolate reductase genotypes 677C>T, 1298A>C, and 1793G>A and the corresponding haplotypes in Swedish children and adolescents. **2007**,	4
984	Polymorphism of the DNA repair enzyme XRCC1 is associated with treatment prediction in anthracycline and cyclophosphamide/methotrexate/5-fluorouracil-based chemotherapy of patients with primary invasive breast cancer. **2007**, 17, 529-38	21
983	Effect of drug transporter genotypes on pravastatin disposition in European- and African-American participants. **2007**, 17, 647-56	148
982	Molecular genetic analysis of NBS1 in German melanoma patients. **2007**, 17, 109-16	14
981	Genetic polymorphisms in the amino acid transporters LAT1 and LAT2 in relation to the pharmacokinetics and side effects of melphalan. **2007**, 17, 505-17	30
980	Gene-gene interactions between CYP2B6 and CYP2A6 in nicotine metabolism. **2007**, 17, 1007-15	34
979	ABCB1 and GST polymorphisms associated with TP53 status in breast cancer. **2007**, 17, 127-36	34
978	Population-based case-control association studies. **2007**, Chapter 1, Unit 1.17	1
977	Comparative and evolutionary pharmacogenetics of ABCB1: complex signatures of positive selection on coding and regulatory regions. **2007**, 17, 667-78	18
976	Polymorphisms in the neuronal isoform of tryptophan hydroxylase 2 are associated with bipolar disorder in French Canadian pedigrees. **2007**, 17, 17-22	39
975	Protein C -1641 AA is associated with decreased survival and more organ dysfunction in severe sepsis. **2007**, 35, 12-7	55
974	Single nucleotide polymorphism of CC chemokine ligand 5 promoter gene in recipients may predict the risk of chronic graft-versus-host disease and its severity after allogeneic transplantation. **2007**, 84, 917-25	29
973	Absence of relationship between MTTP haplotypes and longevity. **2007**, 62, 202-5	5

972	Accuracy of marker-assisted selection with single markers and marker haplotypes in cattle. **2007**, 89, 215-20	62
971	The lipoprotein/lipid profile is modulated by a gene-diet interaction effect between polymorphisms in the liver X receptor-alpha and dietary cholesterol intake in French-Canadians. **2007**, 97, 11-8	27
970	Impact of genetic variants in IL-4, IL-4 RA and IL-13 on the anti-pneumococcal antibody response. **2007**, 25, 306-13	32
969	A CHI3L1 gene polymorphism is associated with serum levels of YKL-40, a novel sarcoidosis marker. **2007**, 101, 1563-71	62
968	Comprehensive analysis of APOE and selected proximate markers for late-onset Alzheimer's disease: patterns of linkage disequilibrium and disease/marker association. **2007**, 89, 655-65	118
967	Lrrk2 G2385R is an ancestral risk factor for Parkinson's disease in Asia. **2007**, 13, 89-92	148
966	Polymorphisms and haplotypes in the C-reactive protein gene and risk of dementia. **2007**, 28, 1361-6	16
965	Positive association between risk for late-onset Alzheimer disease and genetic variation in IDE. **2007**, 28, 1374-80	32
964	5' UTR polymorphism of dopamine receptor D1 (DRD1) associated with severity and temperament of alcoholism. **2007**, 357, 1135-41	45
963	Association of transforming growth factor-beta1 gene polymorphisms with genetic susceptibility to nasopharyngeal carcinoma. **2007**, 380, 165-9	42
962	Association of CCR2 polymorphisms with the number of closed coronary artery vessels in coronary artery disease. **2007**, 382, 129-33	11
961	An interethnic comparison of the distribution of vitamin D receptor genotypes and haplotypes. **2007**, 384, 155-9	21
960	Polymorphisms and haplotypes of integrinalpha1 (ITGA1) are associated with bone mineral density and fracture risk in postmenopausal Koreans. **2007**, 41, 979-86	21
959	The XPD Asp312Asn and Lys751Gln polymorphisms, corresponding haplotype, and pancreatic cancer risk. **2007**, 245, 61-8	43
958	Haplotypic structure across the I kappa B alpha gene (NFKBIA) and association with multiple myeloma. **2007**, 246, 92-9	31
957	Mammalian meiotic recombination hot spots. **2007**, 41, 369-99	82
956	Lack of association between common polymorphisms in the 17beta-hydroxysteroid dehydrogenase type V gene (HSD17B5) and precocious pubarche. **2007**, 105, 176-80	15
955	Particular genetic variants of ligands for natural killer cell receptors may contribute to the HLA associated risk of primary sclerosing cholangitis. **2007**, 46, 899-906	68

954	Titin-cap (TCAP) polymorphisms associated with marbling score of beef. **2007**, 77, 257-63		13
953	Single nucleotide polymorphisms and functional analysis of class II transactivator (CIITA) promoter IV in persistent HBV infection. **2007**, 40, 197-201		8
952	Analysis of genetic variants of the poly(ADP-ribose) polymerase-1 gene in breast cancer in French patients. **2007**, 632, 20-8		30
951	An association study between cathechol-O-methyltransferase gene and mental retardation in the Chinese Han population. **2007**, 419, 83-7		14
950	DC-SIGN and DC-SIGNR genetic diversity among different ethnic populations: potential implications for pathogen recognition and disease susceptibility. **2007**, 68, 523-30		27
949	Associations between interferon regulatory factor-1 polymorphisms and Behçet's disease. **2007**, 68, 770-8		16
948	Estimation of HLA-A, -B, -DRB1 haplotype frequencies using mixed resolution data from a National Registry with selective retyping of volunteers. **2007**, 68, 950-8		68
947	Specific P-selectin and P-selectin glycoprotein ligand-1 genotypes/haplotypes are associated with risk of incident CHD and ischemic stroke: the Atherosclerosis Risk in Communities (ARIC) study. **2007**, 195, e76-82		39
946	Plasmodium falciparum: a novel method for analyzing haplotypes in mixed infections. **2007**, 115, 233-41		6
945	Multipoint linkage-disequilibrium mapping with haplotype-block structure. *American Journal of Human Genetics*, **2007**, 80, 112-25	11	9
944	Leveraging the HapMap correlation structure in association studies. *American Journal of Human Genetics*, **2007**, 80, 683-91	11	53
943	A genomewide admixture mapping panel for Hispanic/Latino populations. *American Journal of Human Genetics*, **2007**, 80, 1171-8	11	181
942	Evidence of amino acid diversity-enhancing selection within humans and among primates at the candidate sperm-receptor gene PKDREJ. *American Journal of Human Genetics*, **2007**, 81, 44-52	11	43
941	Rapid and accurate haplotype phasing and missing-data inference for whole-genome association studies by use of localized haplotype clustering. *American Journal of Human Genetics*, **2007**, 81, 1084-97	11	2043
940	Impact of schizophrenia candidate genes on schizotypy and cognitive endophenotypes at the population level. **2007**, 62, 784-92		115
939	Molecular characterization of bovine CSN1S2*B and extensive distribution of zebu-specific milk protein alleles in European cattle. **2007**, 90, 3522-9		19
938	HFE C282Y gene variant is a risk factor for the progression to decompensated liver disease in chronic viral hepatitis C subjects in the Czech population. **2007**, 37, 740-7		5
937	Frequency and origins of hemoglobin S mutation in African-derived Brazilian populations. **2007**, 79, 667-77		19

936	CYP1B1 mutation profile of Iranian primary congenital glaucoma patients and associated haplotypes. **2007**, 9, 382-93	56
935	Polymorphisms in genes of the renin-angiotensin system and cerebral small vessel disease. **2007**, 23, 148-55	39
934	Genetic evidence for a second domestication of barley (Hordeum vulgare) east of the Fertile Crescent. **2007**, 104, 3289-94	262
933	Linkage Disequilibrium and Association Mapping. **2007**,	7
932	Association of candidate genes with flowering time and water-soluble carbohydrate content in Lolium perenne (L.). **2007**, 177, 535-47	79
931	Ovarian cancer risk and polymorphisms involved in estrogen catabolism. **2007**, 16, 481-9	38
930	Interaction of soy food and tea consumption with CYP19A1 genetic polymorphisms in the development of endometrial cancer. **2007**, 166, 1420-30	52
929	Polymorphism in cytokine genes as prognostic markers in Hodgkin's lymphoma. **2007**, 18, 1376-81	44
928	Corticotropin releasing hormone (CRH) gene variation: comprehensive resequencing for variant and molecular haplotype discovery in monosomic hybrid cell lines. **2007**, 18, 434-44	13
927	Polymorphisms of the COL1A2, CYP1A1 and HS1,2 Ig enhancer genes in the Tuaregs from Libya. **2007**, 34, 425-36	6
926	Algebraic Biology. **2007**,	1
925	A Deterministic Method for Haplotype Inference. **2007**,	
924	Effect of an estrogen receptor-alpha intron 4 polymorphism on fat mass in 11-year-old children. **2007**, 92, 2286-91	18
923	Tyrosine hydroxylase, the rate-limiting enzyme in catecholamine biosynthesis: discovery of common human genetic variants governing transcription, autonomic activity, and blood pressure in vivo. **2007**, 116, 993-1006	73
922	ADHD candidate gene study in a population-based birth cohort: association with DBH and DRD2. **2007**, 46, 1614-21	42
921	Association of testis derived transcript gene variants and prostate cancer risk. **2007**, 177, 894-8	4
920	Polymorphisms of CAK genes and risk for lung cancer: a case-control study in Chinese population. **2007**, 58, 171-83	6
919	Effects of genetic variation in the visfatin gene (PBEF1) on obesity, glucose metabolism, and blood pressure in children. **2007**, 56, 772-7	24

918	Extensive linkage disequilibrium mapping at HTR2A and DRD3 for schizophrenia susceptibility genes in the Galician population. **2007**, 90, 123-9	31
917	Brain-derived neurotrophic factor gene C-270T and Val66Met functional polymorphisms and risk of schizophrenia: a moderate-scale population-based study and meta-analysis. **2007**, 91, 6-13	62
916	Genetic susceptibility to diclofenac-induced hepatotoxicity: contribution of UGT2B7, CYP2C8, and ABCC2 genotypes. **2007**, 132, 272-81	277
915	Single nucleotide polymorphism data analysis - State-of-the-art review on this emerging field from a signal processing viewpoint. **2007**, 24, 75-82	6
914	Genetic variants in P-selectin and C-reactive protein influence susceptibility to cognitive decline after cardiac surgery. **2007**, 49, 1934-42	97
913	TNF polymorphism and bronchoalveolar lavage cell TNF-alpha levels in chronic beryllium disease and beryllium sensitization. **2007**, 119, 687-96	17
912	Integrin beta 3 genotype influences asthma and allergy phenotypes in the first 6 years of life. **2007**, 119, 1423-9	23
911	Genetic variation in S-nitrosoglutathione reductase (GSNOR) and childhood asthma. **2007**, 120, 322-8	58
910	Genetic effect of CCR3 and IL5RA gene polymorphisms on eosinophilia in asthmatic patients. **2007**, 120, 1110-7	30
909	Personality traits of agreeableness and extraversion are associated with ADH4 variation. **2007**, 61, 599-608	22
908	Norepinephrine transporter gene variation modulates acute response to D-amphetamine. **2007**, 61, 1296-305	35
907	MALDI-TOF mass spectrometry for multiplex genotyping of CYP2B6 single-nucleotide polymorphisms. **2007**, 53, 24-33	34
906	Genetic polymorphisms of the interleukin-18 gene and risk of prostate cancer. **2007**, 26, 613-8	40
905	Current perspectives in phylogeography and the significance of South European refugia in the creation and maintenance of European biodiversity. **2007**, 341-357	16
904	The use of ancestral haplotypes in the molecular diagnosis of familial breast cancer. **2007**, 11, 208-15	4
903	Novel Crohn disease locus identified by genome-wide association maps to a gene desert on 5p13.1 and modulates expression of PTGER4. **2007**, 3, e58	435
902	Statistical Analysis and Experimental Design. **2007**, 133-196	7
901	Genetic susceptibility to Tardive Dyskinesia in chronic schizophrenia subjects: V. Association of CYP1A2 1545 C>T polymorphism. **2007**, 7, 305-11	29

900	A new approach for using genome scans to detect recent positive selection in the human genome. **2007**, 5, e171	318
899	Positive selection within the Schizophrenia-associated GABA(A) receptor beta(2) gene. **2007**, 2, e462	33
898	Multiple origins of knockdown resistance mutations in the Afrotropical mosquito vector Anopheles gambiae. **2007**, 2, e1243	97
897	Comparison of haplotyping methods using families and unrelated individuals on simulated rheumatoid arthritis data. **2007**, 1 Suppl 1, S55	9
896	Parental smoking modifies the relation between genetic variation in tumor necrosis factor-alpha (TNF) and childhood asthma. **2007**, 115, 616-22	37
895	A resampling-based approach to multiple testing with uncertainty in phase. **2007**, 3, Article 2	1
894	MCP-1 and RANTES polymorphisms in Korean diabetic end-stage renal disease. **2007**, 22, 611-5	13
893	Estrogen receptor alpha gene polymorphisms associated with incident aging macula disorder. **2007** , 48, 1012-7	25
892	Dealing with missing data in family-based association studies: a multiple imputation approach. **2007** , 63, 229-38	23
891	Evaluation in beef cattle of six deoxyribonucleic acid markers developed for dairy traits reveals an osteopontin polymorphism associated with postweaning growth. **2007**, 85, 1-10	65
890	Hidden Markov Dirichlet process: modeling genetic inference in open ancestral space. **2007**, 2,	11
889	Genetic Characterization of Common Eiders Breeding in the Yukon-Kuskokwim Delta, Alaska. **2007**, 109, 878-893	5
888	. **2007**,	216
887	Association of anti-cyclic citrullinated peptide antibody levels with PADI4 haplotypes in early rheumatoid arthritis and with shared epitope alleles in very late rheumatoid arthritis. **2007**, 56, 1454-63	43
886	Evidence of potential interaction of chemokine genes in susceptibility to systemic sclerosis. **2007**, 56, 2443-8	23
885	Clinical and genetic risk factors for pneumonia in systemic lupus erythematosus. **2007**, 56, 2679-86	38
884	Association study of protease activated receptor 1 gene polymorphisms and adverse pregnancy outcomes: results of a pilot study in Israel. **2007**, 143A, 2557-63	14
883	Mutation screen of the GAD2 gene and association study of alcoholism in three populations. **2007**, 144B, 183-92	21

882	Association between the 5q31.1 gene neurogenin1 and schizophrenia. **2007**, 144B, 207-14	13
881	Association of the neuronal nicotinic receptor beta2 subunit gene (CHRNB2) with subjective responses to alcohol and nicotine. **2007**, 144B, 596-604	100
880	Family-based and case-control studies reveal no association of lipocalin-type prostaglandin D2 synthase with schizophrenia. **2007**, 144B, 642-6	3
879	Association studies testing for risk for late-onset Alzheimer's disease with common variants in the beta-amyloid precursor protein (APP). **2007**, 144B, 469-74	10
878	Identification of two risk haplotypes for schizophrenia and bipolar disorder in the synaptic vesicle monoamine transporter gene (SVMT). **2007**, 144B, 502-7	15
877	Why do young women smoke? IV. Role of genetic variation in the dopamine transporter and lifetime traumatic experience. **2007**, 144B, 533-40	15
876	The beta-globin gene cluster distribution revisited-patterns in Native American populations. **2007**, 134, 190-7	18
875	Patterns of variation in DNA segments upstream of transcription start sites. **2007**, 28, 441-50	4
874	TNFSF15 is an ethnic-specific IBD gene. **2007**, 13, 1333-8	68
873	A systematic evaluation of the ataxia telangiectasia mutated gene does not show an association with non-Hodgkin lymphoma. **2007**, 121, 1967-75	8
872	A case-control study of the association of the polymorphisms and haplotypes of DNA ligase I with lung and upper-aerodigestive-tract cancers. **2008**, 122, 1630-8	18
871	Genetic variations of the CDC2L2 gene are associated with type 2 diabetes in a Han Chinese cohort. **2007**, 23, 455-61	2
870	Understanding the accuracy of statistical haplotype inference with sequence data of known phase. **2007**, 31, 659-71	54
869	A variant of the myosin light chain kinase gene is associated with severe asthma in African Americans. **2007**, 31, 296-305	56
868	Haplotype uncertainty in association studies. **2007**, 31, 348-57	12
867	A dictionary model for haplotyping, genotype calling, and association testing. **2007**, 31, 672-83	7
866	Detecting haplotype effects in genomewide association studies. **2007**, 31, 803-12	33
865	Haplotype inference using a Bayesian Hidden Markov model. **2007**, 31, 937-48	20

864	Genetic association with rheumatoid arthritis-Genetic Analysis Workshop 15: summary of contributions from Group 2. **2007**, 31 Suppl 1, S12-21	6
863	Myxovirus-1 and protein kinase haplotypes and fibrosis in chronic hepatitis C virus. **2007**, 46, 74-83	11
862	Selective decrease in hepatitis C virus-specific immunity among African Americans and outcome of antiviral therapy. **2007**, 46, 350-8	53
861	Association between vascular endothelial growth factor gene polymorphisms and survival in hepatocellular carcinoma patients. **2007**, 46, 446-55	62
860	Glutathione S-transferase gene polymorphisms and risk and survival of pancreatic cancer. **2007**, 109, 840-8	40
859	Polymorphisms of the neuronal and inducible nitric oxide synthase genes and the risk of cutaneous melanoma: a case-control study. **2007**, 109, 1570-8	21
858	X-ray repair cross-complementing group 1 (XRCC1) single-nucleotide polymorphisms and the risk of salivary gland carcinomas. **2007**, 110, 318-25	16
857	A phase II evaluation of goserelin and bicalutamide in patients with ovarian cancer in second or higher complete clinical disease remission. **2007**, 110, 2448-56	31
856	Complexity and approximation of the minimum recombinant haplotype configuration problem. **2007**, 378, 316-330	13
855	Conflicting phylogenetic signal of nuclear vs mitochondrial DNA markers in midwife toads (Anura, Discoglossidae, Alytes): deep coalescence or ancestral hybridization?. **2007**, 44, 494-500	38
854	Development of a novel microarray methodology for the study of SNPs in the promoter region of the TNF-alpha gene: their association with obstructive pulmonary disease in Greek patients. **2007**, 40, 843-50	18
853	A CBS haplotype and a polymorphism at the MSR gene are associated with cardiovascular disease in a Spanish case-control study. **2007**, 40, 864-8	9
852	RAD51 homologous recombination repair gene haplotypes and risk of acute myeloid leukaemia. **2007**, 31, 169-74	30
851	Therapeutic responses in childhood acute lymphoblastic leukemia (ALL) and haplotypes of gamma glutamyl hydrolase (GGH) gene. **2007**, 31, 1023-5	14
850	Fibrinogen-beta gene haplotype is associated with mortality in sepsis. **2007**, 54, 572-7	23
849	Empirical vs Bayesian approach for estimating haplotypes from genotypes of unrelated individuals. **2007**, 8, 2	7
848	Classical sickle beta-globin haplotypes exhibit a high degree of long-range haplotype similarity in African and Afro-Caribbean populations. **2007**, 8, 52	41
847	Sequence variation and linkage disequilibrium in the GABA transporter-1 gene (SLC6A1) in five populations: implications for pharmacogenetic research. **2007**, 8, 71	2

846	The effect of ABCA1 gene polymorphisms on ischaemic stroke risk and relationship with lipid profile. **2007**, 8, 30	23
845	Subarachnoid hemorrhage: tests of association with apolipoprotein E and elastin genes. **2007**, 8, 49	18
844	Sphingomyelin phosphodiesterase-1 (SMPD1) coding variants do not contribute to low levels of high-density lipoprotein cholesterol. **2007**, 8, 79	4
843	Linkage disequilibrium pattern of the ATM gene in breast cancer patients and controls; association of SNPs and haplotypes to radio-sensitivity and post-lumpectomy local recurrence. **2007**, 2, 25	30
842	Genetic polymorphisms and haplotypes of DNA repair genes in childhood acute lymphoblastic leukemia. **2007**, 48, 16-20	50
841	Single nucleotide polymorphisms of tumor necrosis factor-alpha and the susceptibility to bronchopulmonary dysplasia. **2007**, 42, 29-36	38
840	Genome-wide association study of prostate cancer identifies a second risk locus at 8q24. **2007**, 39, 645-9	979
839	A new multipoint method for genome-wide association studies by imputation of genotypes. **2007**, 39, 906-13	2040
838	The impact of UGT1A8, UGT1A9, and UGT2B7 genetic polymorphisms on the pharmacokinetic profile of mycophenolic acid after a single oral dose in healthy volunteers. **2007**, 81, 392-400	136
837	Association of CYP3A5 polymorphisms with hypertension and antihypertensive response to verapamil. **2007**, 81, 386-91	39
836	Genetic variation in the renal sodium transporters NKCC2, NCC, and ENaC in relation to the effects of loop diuretic drugs. **2007**, 82, 300-9	29
835	Cytochrome P450 3A5 genotype is associated with verapamil response in healthy subjects. **2007**, 82, 579-85	34
834	The star-allele nomenclature: retooling for translational genomics. **2007**, 82, 244-8	59
833	Methods for the selection of tagging SNPs: a comparison of tagging efficiency and performance. **2007**, 15, 228-36	19
832	Phenotype selection for detecting variable genes: a survey of cardiovascular quantitative traits and TNF locus polymorphism. **2007**, 15, 685-93	5
831	No evidence of association between genetic variants of the PDCD1 ligands and SLE. **2007**, 8, 69-74	14
830	Bias in association studies of systemic lupus erythematosus susceptibility due to geographical variation in the frequency of a programmed cell death 1 polymorphism across Europe. **2007**, 8, 138-46	32
829	Association of PDCD1 genetic variation with risk and clinical manifestations of systemic lupus erythematosus in a multiethnic cohort. **2007**, 8, 279-87	73

828	Genetic variation at the TNF locus and the risk of severe sequelae of ocular Chlamydia trachomatis infection in Gambians. **2007**, 8, 288-95	46
827	Disease association of the interleukin-18 promoter polymorphisms in Taiwan Chinese systemic lupus erythematosus patients. **2007**, 8, 302-7	26
826	A promoter nucleotide variant of the dendritic cell-specific DCNP1 associates with serum IgE levels specific for dust mite allergens among the Korean asthmatics. **2007**, 8, 369-78	15
825	Opposed independent effects and epistasis in the complex association of IRF5 to SLE. **2007**, 8, 429-38	54
824	Positive replication and linkage disequilibrium mapping of the chromosome 21q22.1 malaria susceptibility locus. **2007**, 8, 570-6	22
823	CYP19A1 genetic polymorphisms may be associated with obesity-related phenotypes in Chinese women. **2007**, 31, 418-23	17
822	Polymorphisms in interleukin-15 gene on chromosome 4q31.2 are associated with psoriasis vulgaris in Chinese population. **2007**, 127, 2544-51	56
821	Fine mapping of the MAPT locus using quantitative trait analysis identifies possible causal variants in Alzheimer's disease. **2007**, 12, 510-7	53
820	A region of 35 kb containing the trace amine associate receptor 6 (TAAR6) gene is associated with schizophrenia in the Irish study of high-density schizophrenia families. **2007**, 12, 842-53	25
819	Allelic variation in GAD1 (GAD67) is associated with schizophrenia and influences cortical function and gene expression. **2007**, 12, 854-69	218
818	Polymorphisms in the SCD1 gene: associations with body fat distribution and insulin sensitivity. **2007**, 15, 1732-40	86
817	Prognostic significance of folate metabolism polymorphisms for lung cancer. **2007**, 97, 247-52	28
816	Genome-wide detection and characterization of positive selection in human populations. **2007**, 449, 913-8	1367
815	Genetic similarity of disjunct populations of the giant sea bass Stereolepis gigas. **2007**, 70, 111-124	8
814	Impact of NOD2/CARD15 haplotypes on the outcome after kidney transplantation. **2007**, 20, 600-7	14
813	The human protein kinase C gamma gene (PRKCG) as a susceptibility locus for behavioral disinhibition. **2007**, 12, 200-9	14
812	CYR61 polymorphisms are associated with plasma HDL-cholesterol levels in obese individuals. **2007**, 72, 224-9	11
811	Beta-globin gene cluster polymorphisms are strongly associated with severity of HbE/beta(0)-thalassemia. **2007**, 72, 497-505	26

810	Human MHC region harbors both susceptibility and protective haplotypes for coronary artery disease. **2007**, 69, 47-55	31
809	Haplotype association of IL-8 gene with Behcet's disease. **2007**, 69, 128-32	33
808	Primary sclerosing cholangitis is associated with extended HLA-DR3 and HLA-DR6 haplotypes. **2007** , 69, 161-9	29
807	Tools for analysing ambiguous HLA data. **2007**, 69 Suppl 1, 203-5	11
806	Interleukin-10 gene promoter polymorphisms and the risk of nasopharyngeal carcinoma. **2007**, 70, 12-7	38
805	Sequence variation within the major histocompatibility complex subregion centromeric of HLA class II in type 1 diabetes. **2007**, 69, 348-53	2
804	HLA-G alleles and HLA-G 14 bp polymorphisms in a Brazilian population. **2007**, 70, 62-8	47
803	Analysis of BTNL2 genetic polymorphisms in British and Dutch patients with sarcoidosis. **2007**, 70, 219-27	64
802	Interleukin-18 gene polymorphisms and haplotypes in patients with oral lichen planus: a study in an ethnic Chinese cohort. **2007**, 70, 390-7	38
801	Factors shaping genetic variation in the MHC of natural non-human primate populations. **2007**, 70, 398-411	27
800	Genetic variation in transforming growth factor-beta1 gene associated with increased risk of esophageal squamous cell carcinoma. **2007**, 70, 464-9	22
799	BTNL2 allele associations with chronic beryllium disease in HLA-DPB1*Glu69-negative individuals. **2007**, 70, 480-6	16
798	Haplotype-specific pattern of association of human major histocompatibility complex with non-Hodgkin's lymphoma outcome. **2008**, 71, 16-26	10
797	Polymorphisms of KCNJ11 (Kir6.2 gene) are associated with Type 2 diabetes and hypertension in the Korean population. **2007**, 24, 178-86	57
796	The association between fibrinogen haplotypes and myocardial infarction in men is partly mediated through pleiotropic effects on the serum IL-6 concentration. **2007**, 261, 138-47	15
795	Genetic variation and population structure in black-grass (Alopecurus myosuroides Huds.), a successful, herbicide-resistant, annual grass weed of winter cereal fields. **2007**, 16, 3161-72	54
794	Differential gene flow of mitochondrial and nuclear DNA markers among chromosomal races of Australian morabine grasshoppers (Vandiemenella, viatica species group). **2007**, 16, 5044-56	20
793	Interleukin-10 gene polymorphism influences the prognosis of T-cell non-Hodgkin lymphomas. **2007**, 137, 329-36	26

792	Vascular endothelial growth factor (VEGF) gene (VEGFA) polymorphism can predict the prognosis in acute myeloid leukaemia patients. **2008**, 140, 71-9	28
791	Atopy and new-onset asthma in young Danish farmers and CD14, TLR2, and TLR4 genetic polymorphisms: a nested case-control study. **2007**, 37, 1602-8	66
790	Polymorphisms in chemokine receptor genes and susceptibility to Kawasaki disease. **2007**, 150, 83-90	28
789	The Asp727Glu polymorphism in the TSH receptor is associated with insulin resistance in healthy elderly men. **2007**, 66, 808-15	30
788	The extent of linkage disequilibrium in a large cattle population of western Africa and its consequences for association studies. **2007**, 38, 277-86	21
787	Effect of myostatin F94L on carcass yield in cattle. **2007**, 38, 440-6	42
786	Zygosity at the major histocompatibility class IIB locus predicts susceptibility to Renibacterium salmoninarum in Atlantic salmon (Salmo salar L.). **2007**, 38, 517-9	14
785	The nonsynonymous single nucleotide polymorphisms of DNA repair gene XRCC1 and susceptibility to the development of cervical carcinoma and high-risk human papillomavirus infection. **2007**, 17, 668-75	20
784	A haplotype analysis of CYP2E1 polymorphisms in relation to alcoholic phenotypes in Mexican Americans. **2007**, 31, 1991-2000	14
783	Haplotype structure of FSHB, the beta-subunit gene for fertility-associated follicle-stimulating hormone: possible influence of balancing selection. **2007**, 71, 18-28	32
782	Congenital disorder of glycosylation type Ia: searching for the origin of common mutations in PMM2. **2007**, 71, 348-53	11
781	Persistence of the common Hartnup disease D173N allele in populations of European origin. **2007**, 71, 755-61	12
780	Familial Mediterranean Fever in Lebanon: founder effects for different MEFV mutations. **2008**, 72, 41-7	16
779	Variation in 24 hemostatic genes and associations with non-fatal myocardial infarction and ischemic stroke. **2008**, 6, 45-53	14
778	Genetic variation in the hypothalamic-pituitary-adrenocortical axis regulatory factor, T-box 19, and the angry/hostility personality trait. **2007**, 6, 321-8	17
777	Altered brain-derived neurotrophic factor blood levels and gene variability are associated with anorexia and bulimia. **2007**, 6, 706-16	67
776	Nuclear loci and coalescent methods support ancient hybridization as cause of mitochondrial paraphyly between gadwall and falcated duck (Anas spp.). **2007**, 61, 1992-2006	126
775	Polymorphisms in the cytochrome P450 genes CYP1A2, CYP1B1, CYP3A4, CYP3A5, CYP11A1, CYP17A1, CYP19A1 and colorectal cancer risk. **2007**, 7, 123	46

774	GSTT2 promoter polymorphisms and colorectal cancer risk. **2007**, 7, 16	12
773	Polymorphisms in the epidermal growth factor receptor gene and the risk of primary lung cancer: a case-control study. **2007**, 7, 199	35
772	VEGF, FGF1, FGF2 and EGF gene polymorphisms and psoriatic arthritis. **2007**, 8, 1	93
771	Haplotype inference from diploid sequence data: evaluating performance using non-neutral MHC sequences. **2007**, 144, 228-34	25
770	ISHAPE: new rapid and accurate software for haplotyping. **2007**, 8, 205	11
769	Haplotype-based score test for linkage in nuclear families. **2007**, 8, 277	
768	GEVALT: an integrated software tool for genotype analysis. **2007**, 8, 36	36
767	A DNA Regulatory Element Haplotype at Zinc Finger Genes Is Associated with Host Resilience to Small Ruminant Lentivirus in Two Sheep Populations. **2021**, 11,	1
766	The riverine thruway hypothesis: rivers as a key mediator of gene flow for the aquatic paradoxical frog Pseudis tocantins (Anura, Hylidae). **2021**, 36, 3049-3060	3
765	Elite sd1 alleles in japonica rice and their breeding applications in northeast China. **2021**, 10, 224-224	1
764	High genetic diversity of immunity genes in an expanding population of a highly mobile carnivore, the grey wolf Canis lupus, in Central Europe. **2021**, 27, 1680-1695	
763	Phase Resolution of Heterozygous Sites in Diploid Genomes is Important to Phylogenomic Analysis under the Multispecies Coalescent Model. **2021**,	2
762	Is aromatic terpenoid composition of grapes in Northwestern Iberian wine cultivars related to variation in VviDXS1 gene?. **2021**, 11, 187-200	0
761	Extent and direction of introgressive hybridization of mule and white-tailed deer in western Canada. **2021**, 14, 1914-1925	2
760	First evidence of deviation from Mendelian proportions in a conservation programme. **2021**, 30, 3703-3715	1
759	Phylogeography of the Dendrocolaptes picumnus (Aves: Dendrocolaptidae) species complex: new insights on the diversification of a trans-American lineage. **2021**, 52,	
758	Polymorphism, Molecular Characteristics of Alpha-Lactalbumin (LALBA) Gene in River and Swamp Buffalo. **2021**, 57, 836-846	1
757	Evolutionary history of the calcareous sponge Clathrina aurea: genetic connectivity in the Western Atlantic and intriguing occurrence in the Eastern Pacific. **2021**, 168, 1	

756	Ancestral Origin of the First Indian Families with Myotonic Dystrophy Type 2. **2021**, 8, 715-722	0
755	Key genetic variants associated with variation of milk oligosaccharides from diverse human populations. **2021**, 113, 1867-1875	7
754	Quaternary climatic fluctuations influence the demographic history of two species of sky-island endemic amphibians in the Neotropics. **2021**, 160, 107113	3
753	Non-adaptive evolutionary processes governed the diversification of a temperate conifer lineage after its migration into the tropics. **2021**, 160, 107125	2
752	Evolutionary history of Sundaland shrews (Eulipotyphla: Soricidae: Crocidura) with a focus on Borneo.	1
751	Genetic relationships of Southwest Asian and Mediterranean populations. **2021**, 53, 102528	3
750	Gene structure, SNP screening and growth correlation analysis of the preproinsulin gene in grass carp (Ctenopharyngodon idellus). **2021**, 100, 1	2
749	Association of Protective With Positive Ankylosing Spondylitis. **2021**, 12, 659042	
748	Paraphyly and evolutionary independent lineages in Gymnotus pantherinus (Gymnotiformes: Gymnotidae) in the Brazilian Atlantic Forest Coastal Streams. **2021**, 161, 107159	
747	Fossil-calibrated time tree of Podarcis wall lizards provides limited support for biogeographic calibration models. **2021**, 161, 107169	2
746	Transforming growth factor beta 1 (TGF1) plasmatic levels and haplotype structures in obesity: a role for TGF1 in steatosis development. **2021**, 48, 6401-6411	
745	Association of HLA-DPA1, HLA-DPB1, and HLA-DQB1 Alleles With the Long-Term and Booster Immune Responses of Young Adults Vaccinated Against the Hepatitis B Virus as Neonates. **2021**, 12, 710414	2
744	Identification of Double Heterozygous Breast Cancer Cases Using Whole Exome Sequencing: Phenotypic Expression and Impact on Personalized Oncology. **2021**, 12, 674990	
743	The associations of CNR1 SNPs and haplotypes with vulnerability and treatment response phenotypes in Han Chinese with major depressive disorder: A case-control association study. **2021**, 9, e1752	2
742	The unfavorable impact of DR9/DR9 genotype on the frequency and quality of partial remission in type 1 diabetes. **2021**,	0
741	Increased primaquine total dose prevents Plasmodium vivax relapses in patients with impaired CYP2D6 activity: report of three cases. **2021**, 20, 341	1
740	Whiptail lizard lineage delimitation and population expansion as windows into the history of Amazonian open ecosystems. 1-19	
739	Epiphyas intrepida sp. nov. (Lepidoptera: Tortricidae): an endemic, not a stowaway, on Lord Howe Island. **2021**, 60, 473-485	

738	Surviving despite reduce MHC variation: selection patterns and genetic variation of the endangered Huill (Lontra provocax). **2021**, 66, 573-581	
737	A New Relict Species of Slender Salamander (Plethodontidae: Batrachoseps) with a Tiny Range from Point Arguello, California. **2021**, 109,	
736	Genetic Diversity and Relatedness among Captive African Painted Dogs in North America. **2021**, 12,	0
735	Performance of Plasma Coproporphyrin I and III as OATP1B1 Biomarkers in Humans. **2021**, 110, 1622-1632	0
734	HLA-G 3'UTR haplotype frequencies in highland and lowland South Native American populations. **2021**,	0
733	+869 T > C (rs1800470) variant is independently associated with susceptibility, laboratory activity, and TGF- in patients with systemic lupus erythematosus. **2021**, 54, 569-575	0
732	Novel Variants and Haplotypes are Associated with Rheumatic Heart Disease. **2021**, 40, 1338-1348	
731	Pharmacogenomics of celiprolol - evidence for a role of P-glycoprotein and organic anion transporting polypeptide 1A2 in celiprolol pharmacokinetics. **2021**,	2
730	Phylogeography of the Rough Greensnake, Opheodrys aestivus (Squamata: Colubridae), Using Multilocus Sanger Sequence and Genomic ddRADseq Data. **2021**, 55,	
729	Improved high-throughput MHC typing for non-model species using long-read sequencing. **2021**,	1
728	Solving the Coral Species Delimitation Conundrum. **2021**,	3
727	Is Phylogeographic Congruence Predicted by Historical Habitat Stability, or Ecological Co-associations?. **2021**, 5,	1
726	5'URR regulatory polymorphisms are associated with the risk of developing gliomas. **2021**, 1-10	1
725	Lost, forgotten, and overlooked: systematic reassessment of two lesser-known toad species (Anura, Bufonidae) from Peninsular India and another wide-ranging northern species. **2021**, 97, 451-470	3
724	Variation and Selection in the Putative Sperm-Binding Region of ZP3 in Muroid Rodents: A Comparison between Cricetids and Murines. **2021**, 12,	
723	Revision of the montane New Guinean skink genus Lobulia (Squamata: Scincidae), with the description of four new genera and nine new species.	
722	Lack of association of FKBP5 SNPs and haplotypes with susceptibility and treatment response phenotypes in Han Chinese with major depressive disorder: A pilot case-control study (STROBE). **2021**, 100, e26983	
721	Phylogeny of African Long-Fingered Frogs (Arthroleptidae: Cardioglossa) Reveals Recent Allopatric Divergences in Coloration. **2021**, 109,	1

720	Underestimated diversity: Cryptic species and phylogenetic relationships in the subgenus Cobalius (Coleoptera: Hydraenidae) from marine rockpools. **2021**, 163, 107243	0
719	HLA haplotype frequency estimation for heterogeneous populations using a graph-based imputation algorithm. **2021**, 82, 746-757	0
718	A randomised controlled trial of a family-group cognitive-behavioural (FGCB) preventive intervention for the children of parents with depression: short-term effects on symptoms and possible mechanisms. **2021**, 15, 54	0
717	Gene flow in phylogenomics: Sequence capture resolves species limits and biogeography of Afromontane forest endemic frogs from the Cameroon Highlands. **2021**, 163, 107258	2
716	Autosomal, sex-linked and mitochondrial loci resolve evolutionary relationships among wrens in the genus Campylorhynchus. **2021**, 163, 107242	1
715	Nuclear phylogenies and genomics of a contact zone establish the species rank of Podarcis lusitanicus (Squamata, Lacertidae). **2021**, 164, 107270	0
714	IL-1IL-1and IL-1RN haplotypes are associated with bipolar I disorder and its characteristics: A pilot case-control study. **2021**, 30, 100977	0
713	King or royal family? Testing for species boundaries in the King Cobra, Ophiophagus hannah (Cantor, 1836), using morphology and multilocus DNA analyses. **2021**, 165, 107300	0
712	Association of PICK1 and BDNF variations with increased risk of methamphetamine dependence among Iranian population: a case-control study. **2021**, 14, 27	0
711	Phylogeography and systematics of Algyroides (Sauria: Lacertidae) of the Balkan Peninsula. **2021**, 50, 282-299	0
710	Identification and genetic diversity analysis of a male-sterile gene (MS1) in Japanese cedar (Cryptomeria japonica D. Don). **2021**, 11, 1496	8
709	Genetic diversity of two populations of the tufted puffin Fratercula cirrhata (Pallas, 1769). **2021**, 96, 119-128	
708	Phylogeography, morphology and ecological niche modelling to explore the evolutionary history of Azure-crowned Hummingbird (Amazilia cyanocephala, Trochilidae) in Mesoamerica. **2021**, 162, 529-547	2
707	Brain structural and functional substrates of ADGRL3 (latrophilin 3) haplotype in attention-deficit/hyperactivity disorder. **2021**, 11, 2373	
706	A Hidden Markov Technique for Haplotype Reconstruction. **2005**, 140-151	16
705	Algorithms for Imperfect Phylogeny Haplotyping (IPPH) with a Single Homoplasy or Recombination Event. **2005**, 152-164	11
704	Minimum Parent-Offspring Recombination Haplotype Inference in Pedigrees. **2005**, 100-112	1
703	Complexity and Approximation of the Minimum Recombination Haplotype Configuration Problem. **2005**, 370-379	2

702	Combinatorial Methods for Disease Association Search and Susceptibility Prediction. **2006**, 286-297	8
701	Phylogenetic Network Inferences Through Efficient Haplotyping. **2006**, 68-79	1
700	Haplotype Inference by Pure Parsimony. **2003**, 144-155	119
699	Combinatorial Problems Arising in SNP and Haplotype Analysis. **2003**, 26-47	11
698	Empirical Exploration of Perfect Phylogeny Haplotyping and Haplotypers. **2003**, 5-19	9
697	Methods for Inferring Block-Wise Ancestral History from Haploid Sequences. **2002**, 44-59	14
696	Utilizing Linkage Disequilibrium and Association Mapping to Implement Candidate Gene Based Markers in Perennial Ryegrass Breeding. **2009**, 259-274	1
695	Haplotype Inference Using Propositional Satisfiability. **2011**, 127-147	1
694	Linkage disequilibrium mapping for complex disease genes. **2007**, 376, 85-107	4
693	Genetic polymorphisms and human sensitivity to opioid analgesics. **2010**, 617, 395-420	7
692	Fine-scale structure of the genome and markers used in association mapping. **2011**, 713, 71-88	1
691	A Nearly Linear-Time General Algorithm for Genome-Wide Bi-allele Haplotype Phasing. **2003**, 204-215	1
690	Trisomic Phase Inference. **2004**, 1-8	1
689	An Overview of Combinatorial Methods for Haplotype Inference. **2004**, 9-25	23
688	A Survey of Computational Methods for Determining Haplotypes. **2004**, 26-47	55
687	Haplotype Inference and Its Application in Linkage Disequilibrium Mapping. **2004**, 48-61	2
686	Inferring Piecewise Ancestral History from Haploid Sequences. **2004**, 62-73	2
685	Linear Reduction for Haplotype Inference. **2004**, 242-253	4

684	Fast Perfect Phylogeny Haplotype Inference. **2003**, 183-194	5
683	Haplotype Association Analysis. **2009**, 241-276	3
682	Efficient Haplotype Inference with Pseudo-boolean Optimization. **2007**, 125-139	17
681	Integer Programming Formulations and Computations Solving Phylogenetic and Population Genetic Problems with Missing or Genotypic Data. **2007**, 51-64	41
680	Insights on Haplotype Inference on Large Genotype Datasets. **2010**, 47-58	6
679	Recombination: Implications of Single Nucleotide Polymorphisms for Plant Breeding. **2004**, 55-71	1
678	To Release or Not to Release: Evaluating Information Leaks in Aggregate Human-Genome Data. **2011**, 607-627	25
677	Hap-seq: An Optimal Algorithm for Haplotype Phasing with Imputation Using Sequencing Data. **2012**, 64-78	4
676	Association of IL13 genetic polymorphisms with atopic dermatitis: Fine mapping and haplotype analysis. **2020**, 125, 287-293	4
675	High resolution HLA haplotyping by imputation for a British population bioresource. **2017**, 78, 242-251	16
674	Estimation of optimal donor number in Bone Marrow Donor Registry: Hong Kong's experience. **2017**, 78, 610-613	6
673	Integer Linear Programming in Computational and Systems Biology: An Entry-Level Text and Course. **2019**,	10
672	Association Between Bat Vitamin D Receptor 3' Haplotypes and Vitamin D Levels at Baseline and a Lower Response After Increased Vitamin D Supplementation and Exposure to Sunlight. **2020**, 90, 290-294	2
671	Allelic variation in GAD1 (GAD67) is associated with schizophrenia and influences cortical function and gene expression.	1
670	Prion gene (PRNP) haplotype variation in United States goat breeds(Open Access publication). **2008**, 40, 553-561	17
669	Slc11a1 (formerly Nramp1) and susceptibility to canine visceral leishmaniasis. **2008**, 39, 36	38
668	Inference of population structure using multilocus genotype data: linked loci and correlated allele frequencies. **2003**, 164, 1567-87	5901
667	Analysis and exploration of the use of rule-based algorithms and consensus methods for the inferral of haplotypes. **2003**, 165, 915-28	27

666	Modeling linkage disequilibrium and identifying recombination hotspots using single-nucleotide polymorphism data. **2003**, 165, 2213-33	652
665	Quaternary range dynamics and taxonomy of the Mediterranean collared dwarf racer, Platyceps collaris (Squamata: Colubridae). **2021**, 193, 655-672	1
664	Functional polymorphisms in the promoter regions of the FAS and FAS ligand genes and risk of bladder cancer in south China: a case-control analysis. **2006**, 16, 245-51	43
663	CYP2D6 worldwide genetic variation shows high frequency of altered activity variants and no continental structure. **2007**, 17, 93-101	287
662	HLA-G 3'-untranslated region polymorphisms are associated with HTLV-1 infection, proviral load and HTLV-associated myelopathy/tropical spastic paraparesis development. **2016**, 97, 2742-2752	5
661	Can IFNL3 polymorphisms predict response to interferon/ribavirin treatment in hepatitis C patients with genotype 3?. **2016**, 97, 2592-2598	2
660	DC-SIGN (CD209) gene promoter polymorphisms in a Brazilian population and their association with human T-cell lymphotropic virus type 1 infection. **2009**, 90, 927-934	22
659	Reference-based phasing using the Haplotype Reference Consortium panel.	3
658	Colonization and diversification of aquatic insects on three Macaronesian archipelagos using 59 nuclear loci derived from a draft genome.	1
657	New genetic insights about hybridization and population structure of hawksbill and loggerhead turtles from Brazil.	1
656	Identification and genetic diversity analysis of a male-sterile gene (MS1) in Japanese cedar (Cryptomeria japonica D. Don).	2
655	Repeated global migrations on different plant hosts by the tropical pathogenPhytophthora palmivora.	2
654	Comparison of the knockdown resistance locus (kdr) inAnopheles stephensi,An. arabiensis, andCulex pipiens s.l.suggests differing mechanisms of pyrethroid resistance in east Ethiopia.	1
653	Gene flow in phylogenomics: Sequence capture resolves species limits and biogeography of Afromontane forest endemic frogs from the Cameroon Highlands.	1
652	Origins and geographic diversification of African rice (Oryza glaberrima).	1
651	Divergence in the face of gene flow in two Charadrius plovers along the Chinese coast.	1
650	Genetic structure is stronger across human-impacted habitats than among islands in the coralPorites lobata.	2
649	Distinct biogeographic origins of androgeneticCorbiculalineages followed by genetic captures.	4

648	-Acetyltransferase 2 Genotypes among Zulu-Speaking South Africans and Isoniazid and -Acetyl-Isoniazid Pharmacokinetics during Antituberculosis Treatment. **2020**, 64,	11
647	Model-based inference of haplotype block variation. **2003**,	18
646	Efficient rule-based haplotyping algorithms for pedigree data. **2003**,	27
645	Resolution of haplotypes and haplotype frequencies from SNP genotypes of pooled samples. **2003**,	5
644	Polymorphisms of the BRAF gene predispose males to malignant melanoma. **2003**, 2, 7	30
643	Robust inference with knockoffs. **2020**, 48,	17
642	Intraspecific mitochondrial gene variation can be as low as that of nuclear rRNA. **2020**, 9, 339	3
641	Trinucleotide repeats and haplotypes at the huntingtin locus in an Indian sample overlaps with European haplogroup a. **2014**, 6,	6
640	Rare Functional Variant in TM2D3 is Associated with Late-Onset Alzheimer's Disease. **2016**, 12, e1006327	38
639	Parallel selection on TRPV6 in human populations. **2008**, 3, e1686	34
638	Haplotype reconstruction error as a classical misclassification problem: introducing sensitivity and specificity as error measures. **2008**, 3, e1853	9
637	Polymorphisms in the estrogen receptor 1 and vitamin C and matrix metalloproteinase gene families are associated with susceptibility to lymphoma. **2008**, 3, e2816	66
636	Lack of association of interferon regulatory factor 1 with severe malaria in affected child-parental trio studies across three African populations. **2009**, 4, e4206	9
635	Association between protective and deleterious HLA alleles with multiple sclerosis in Central East Sardinia. **2009**, 4, e6526	12
634	Full likelihood analysis of genetic risk with variable age at onset disease--combining population-based registry data and demographic information. **2009**, 4, e6836	3
633	Formulating a historical and demographic model of recent human evolution based on resequencing data from noncoding regions. **2010**, 5, e10284	70
632	Evidence for positive selection on the Osteogenin (BMP3) gene in human populations. **2010**, 5, e10959	7
631	The interaction between coagulation factor 2 receptor and interleukin 6 haplotypes increases the risk of myocardial infarction in men. **2010**, 5, e11300	20

630	Genome-wide association study identifies Loci for body composition and structural soundness traits in pigs. **2011**, 6, e14726	149
629	Ecomorph or endangered coral? DNA and microstructure reveal hawaiian species complexes: Montipora dilatata/flabellata/turgescens & M. patula/verrilli. **2010**, 5, e15021	48
628	Genetic and evolutionary analyses of the human bone morphogenetic protein receptor 2 (BMPR2) in the pathophysiology of obesity. **2011**, 6, e16155	33
627	Apolipoprotein M gene (APOM) polymorphism modifies metabolic and disease traits in type 2 diabetes. **2011**, 6, e17324	25
626	Evaluation of genetic susceptibility loci for chronic hepatitis B in Chinese: two independent case-control studies. **2011**, 6, e17608	55
625	A common polymorphism in the promoter region of the TNFSF4 gene is associated with lower allele-specific expression and risk of myocardial infarction. **2011**, 6, e17652	15
624	Smoking and COX-2 functional polymorphisms interact to increase the risk of gastric cardia adenocarcinoma in Chinese population. **2011**, 6, e21894	21
623	Type II secretory phospholipase A2 and prognosis in patients with stable coronary heart disease: mendelian randomization study. **2011**, 6, e22318	14
622	Comparative phylogeography of a coevolved community: concerted population expansions in Joshua trees and four yucca moths. **2011**, 6, e25628	53
621	Human FasL gene is a target of β-catenin/T-cell factor pathway and complex FasL haplotypes alter promoter functions. **2011**, 6, e26143	10
620	Microevolution of cis-regulatory elements: an example from the pair-rule segmentation gene fushi tarazu in the Drosophila melanogaster subgroup. **2011**, 6, e27376	3
619	Evolution of the bovine TLR gene family and member associations with Mycobacterium avium subspecies paratuberculosis infection. **2011**, 6, e27744	37
618	Genetic evidence for the association between the early growth response 3 (EGR3) gene and schizophrenia. **2012**, 7, e30237	18
617	Multiple local and recent founder effects of TGM1 in Spanish families. **2012**, 7, e33580	14
616	The cumulative effects of polymorphisms in the DNA mismatch repair genes and tobacco smoking in oesophageal cancer risk. **2012**, 7, e36962	33
615	Conflicting evolutionary patterns due to mitochondrial introgression and multilocus phylogeography of the Patagonian freshwater crab Aegla neuquensis. **2012**, 7, e37105	23
614	Allelic variations of a light harvesting chlorophyll a/b-binding protein gene (Lhcb1) associated with agronomic traits in barley. **2012**, 7, e37573	46
613	Genotype-based test in mapping cis-regulatory variants from allele-specific expression data. **2012**, 7, e38667	6

612	Four loci explain 83% of size variation in the horse. **2012**, 7, e39929	126
611	Association of polymorphism in pri-microRNAs-371-372-373 with the occurrence of hepatocellular carcinoma in hepatitis B virus infected patients. **2012**, 7, e41983	19
610	Positive selection on the osteoarthritis-risk and decreased-height associated variants at the GDF5 gene in East Asians. **2012**, 7, e42553	18
609	Eco-geographical diversification of bitter taste receptor genes (TAS2Rs) among subspecies of chimpanzees (Pan troglodytes). **2012**, 7, e43277	22
608	Using object oriented bayesian networks to model linkage, linkage disequilibrium and mutations between STR markers. **2012**, 7, e43873	3
607	Potential of ayurgenomics approach in complex trait research: leads from a pilot study on rheumatoid arthritis. **2012**, 7, e45752	35
606	Combined mitochondrial and nuclear markers revealed a deep vicariant history for Leopoldamys neilli, a cave-dwelling rodent of Thailand. **2012**, 7, e47670	10
605	Adaptive color polymorphism and unusually high local genetic diversity in the side-blotched lizard, Uta stansburiana. **2012**, 7, e47694	14
604	Pharmacogenetics of efficacy and safety of HCV treatment in HCV-HIV coinfected patients: significant associations with IL28B and SOCS3 gene variants. **2012**, 7, e47725	9
603	Is gene flow promoting the reversal of pleistocene divergence in the Mountain Chickadee (Poecile gambeli)?. **2012**, 7, e49218	9
602	The mitochondrial DNA Northeast Asia CZD haplogroup is associated with good disease-free survival among male oral squamous cell carcinoma patients. **2012**, 7, e49684	4
601	The interleukin 3 gene (IL3) contributes to human brain volume variation by regulating proliferation and survival of neural progenitors. **2012**, 7, e50375	28
600	Unraveling the effects of selection and demography on immune gene variation in free-ranging plains zebra (Equus quagga) populations. **2012**, 7, e50971	9
599	Variability of the mc1r gene in melanic and non-melanic Podarcis lilfordi and Podarcis pityusensis from the Balearic archipelago. **2013**, 8, e53088	16
598	Examining the role of effective population size on mitochondrial and multilocus divergence time discordance in a songbird. **2013**, 8, e55161	31
597	Signature of balancing selection at the MC1R gene in Kunming dog populations. **2013**, 8, e55469	13
596	Signatures of demography and recombination at coding genes in naturally-distributed populations of Arabidopsis lyrata subsp. petraea. **2013**, 8, e58916	6
595	Multilocus comparative phylogeography of two aristeid shrimps of high commercial interest (Aristeus antennatus and Aristaeomorpha foliacea) reveals different responses to past environmental changes. **2013**, 8, e59033	8

594	Lymphatic and angiogenic candidate genes predict the development of secondary lymphedema following breast cancer surgery. **2013**, 8, e60164	73
593	Evidence for asymmetrical divergence-gene flow of nuclear loci, but not mitochondrial loci, between seabird sister species: blue-footed (Sula nebouxii) and Peruvian (S. variegata) boobies. **2013**, 8, e62256	5
592	Social cognitive role of schizophrenia candidate gene GABRB2. **2013**, 8, e62322	24
591	New metrics for comparison of taxonomies reveal striking discrepancies among species delimitation methods in Madascincus lizards. **2013**, 8, e68242	120
590	Linkage between increased nociception and olfaction via a SCN9A haplotype. **2013**, 8, e68654	14
589	Evolutionary history of the grey-faced Sengi, Rhynchocyon udzungwensis, from Tanzania: a molecular and species distribution modelling approach. **2013**, 8, e72506	7
588	Global patterns of diversity and selection in human tyrosinase gene. **2013**, 8, e74307	15
587	Genome-wide association study identifies major loci for carcass weight on BTA14 in Hanwoo (Korean cattle). **2013**, 8, e74677	64
586	Thorough investigation of a canine autoinflammatory disease (AID) confirms one main risk locus and suggests a modifier locus for amyloidosis. **2013**, 8, e75242	8
585	Polymorphic sites at the immunoregulatory CTLA-4 gene are associated with chronic chagas disease and its clinical manifestations. **2013**, 8, e78367	16
584	BMPR1B up-regulation via a miRNA binding site variation defines endometriosis susceptibility and CA125 levels. **2013**, 8, e80630	18
583	Genetic variants ofLRRK2 in Taiwanese Parkinson's disease. **2013**, 8, e82001	21
582	Hybrid speciation in a marine mammal: the clymene dolphin (Stenella clymene). **2014**, 9, e83645	39
581	Association of impulsivity and polymorphic microRNA-641 target sites in the SNAP-25 gene. **2013**, 8, e84207	32
580	Hidden diversity in sardines: genetic and morphological evidence for cryptic species in the goldstripe sardinella, Sardinella gibbosa (Bleeker, 1849). **2014**, 9, e84719	17
579	The ecological and geographic context of morphological and genetic divergence in an understorey-dwelling bird. **2014**, 9, e85903	11
578	Limited phylogeographic signal in sex-linked and autosomal loci despite geographically, ecologically, and phenotypically concordant structure of mtDNA variation in the Holarctic avian genus Eremophila. **2014**, 9, e87570	21
577	Snake and bird predation drive the repeated convergent evolution of correlated life history traits and phenotype in the Izu Island Scincid lizard (Plestiodon latiscutatus). **2014**, 9, e92233	14

576	HaplotypeCN: copy number haplotype inference with Hidden Markov Model and localized haplotype clustering. **2014**, 9, e96841	2
575	fcGENE: a versatile tool for processing and transforming SNP datasets. **2014**, 9, e97589	36
574	Systematic fine-mapping of association with BMI and type 2 diabetes at the FTO locus by integrating results from multiple ethnic groups. **2014**, 9, e101329	7
573	Dopamine receptor genes and evolutionary differentiation in the domestication of fighting cocks and long-crowing chickens. **2014**, 9, e101778	16
572	Genetic, ecological and morphological divergence between populations of the endangered Mexican Sheartail hummingbird (Doricha eliza). **2014**, 9, e101870	11
571	Genetic variations of PIP4K2A confer vulnerability to poor antipsychotic response in severely ill schizophrenia patients. **2014**, 9, e102556	11
570	The rs225017 polymorphism in the 3'UTR of the human DIO2 gene is associated with increased insulin resistance. **2014**, 9, e103960	9
569	The use of exome genotyping to predict pathological Gleason score upgrade after radical prostatectomy in low-risk prostate cancer patients. **2014**, 9, e104146	5
568	Integrative taxonomy and species delimitation in harvestmen: a revision of the western North American genus Sclerobunus (Opiliones: Laniatores: Travunioidea). **2014**, 9, e104982	30
567	Association of NOD2 and IL23R with inflammatory bowel disease in Puerto Rico. **2014**, 9, e108204	9
566	Role of IL-4 gene polymorphisms in HBV-related hepatocellular carcinoma in a Chinese population. **2014**, 9, e110061	28
565	Balancing selection on CDH2 may be related to the behavioral features of the Belgian Malinois. **2014**, 9, e110075	11
564	Distribution of CYP2D6 alleles and phenotypes in the Brazilian population. **2014**, 9, e110691	37
563	Assessing species boundaries using multilocus species delimitation in a morphologically conserved group of neotropical freshwater fishes, the Poecilia sphenops species complex (Poeciliidae). **2015**, 10, e0121139	40
562	Association of MMP-9 Haplotypes and TIMP-1 Polymorphism with Spontaneous Deep Intracerebral Hemorrhage in the Taiwan Population. **2015**, 10, e0125397	17
561	Adaptive Potential of Hybridization among Malaria Vectors: Introgression at the Immune Locus TEP1 between Anopheles coluzzii and A. gambiae in 'Far-West' Africa. **2015**, 10, e0127804	12
560	New Nuclear SNP Markers Unravel the Genetic Structure and Effective Population Size of Albacore Tuna (Thunnus alalunga). **2015**, 10, e0128247	36
559	Polymorphisms in Ion Transport Genes Are Associated with Eggshell Mechanical Property. **2015**, 10, e0130160	7

558	Annexin A5 Promoter Haplotype M2 Is Not a Risk Factor for Recurrent Pregnancy Loss in Northern Europe. **2015**, 10, e0131606	12
557	Genome-Wide Analyses Suggest Mechanisms Involving Early B-Cell Development in Canine IgA Deficiency. **2015**, 10, e0133844	12
556	Genetic Variation in the 3'-Untranslated Region of NBN Gene Is Associated with Gastric Cancer Risk in a Chinese Population. **2015**, 10, e0139059	6
555	Nuclear Markers Reveal Predominantly North to South Gene Flow in Ixodes scapularis, the Tick Vector of the Lyme Disease Spirochete. **2015**, 10, e0139630	18
554	HLA-G 3'UTR Polymorphisms Impact the Prognosis of Stage II-III CRC Patients in Fluoropyrimidine-Based Treatment. **2015**, 10, e0144000	22
553	Molecular Evidence for the Hybrid Origin of Ilex dabieshanensis (Aquifoliaceae). **2016**, 11, e0147825	11
552	Effect of 3'UTR RET Variants on RET mRNA Secondary Structure and Disease Presentation in Medullary Thyroid Carcinoma. **2016**, 11, e0147840	5
551	Limited Genetic Connectivity between Gorgonian Morphotypes along a Depth Gradient. **2016**, 11, e0160678	23
550	Genetic Variation in the TAS2R38 Bitter Taste Receptor and Smoking Behaviors. **2016**, 11, e0164157	25
549	Ancient Mitochondrial Capture as Factor Promoting Mitonuclear Discordance in Freshwater Fishes: A Case Study in the Genus Squalius (Actinopterygii, Cyprinidae) in Greece. **2016**, 11, e0166292	28
548	Common Polymorphisms in the 5-Lipoxygenase Pathway and Risk of Incident Myocardial Infarction: A Danish Case-Cohort Study. **2016**, 11, e0167217	8
547	TP53 Polymorphisms and Colorectal Cancer Risk in Patients with Lynch Syndrome in Taiwan: A Retrospective Cohort Study. **2016**, 11, e0167354	6
546	Haplotypes of the HLA-G 3' Untranslated Region Respond to Endogenous Factors of HLA-G+ and HLA-G- Cell Lines Differentially. **2017**, 12, e0169032	28
545	An Approach to Elucidate NBS1 Function in DNA Repair Using Frequent Nonsynonymous Polymorphism in Wild Medaka (Oryzias latipes) Populations. **2017**, 12, e0170006	2
544	The unexpected co-occurrence of GRN and MAPT p.A152T in Basque families: Clinical and pathological characteristics. **2017**, 12, e0178093	5
543	An ancestral haplotype of the human PERIOD2 gene associates with reduced sensitivity to light-induced melatonin suppression. **2017**, 12, e0178373	12
542	Travelling to the south: Phylogeographic spatial diffusion model in Monttea aphylla (Plantaginaceae), an endemic plant of the Monte Desert. **2017**, 12, e0178827	16
541	Mitochondrial and nuclear DNA reveals reticulate evolution in hares (Lepus spp., Lagomorpha, Mammalia) from Ethiopia. **2017**, 12, e0180137	9

540	Genetic structure of coral-Symbiodinium symbioses on the world's warmest reefs. **2017**, 12, e0180169	24
539	Cryptic diversity in Ptyodactylus (Reptilia: Gekkonidae) from the northern Hajar Mountains of Oman and the United Arab Emirates uncovered by an integrative taxonomic approach. **2017**, 12, e0180397	16
538	Factors governing the prevalence and richness of avian haemosporidian communities within and between temperate mountains. **2017**, 12, e0184587	25
537	Pleistocene climatic oscillations in Neotropical open areas: Refuge isolation in the rodent Oxymycterus nasutus endemic to grasslands. **2017**, 12, e0187329	14
536	Multifactorial genetic divergence processes drive the onset of speciation in an Amazonian fish. **2017**, 12, e0189349	2
535	Association of PARP1-specific polymorphisms and haplotypes with non-small cell lung cancer subtypes. **2020**, 15, e0243509	2
534	Facultative parthenogenesis in the burrowing mayfly, Ephoron eophilum (Ephemeroptera: Polymitarcyidae) with an extremely short alate stage. **2015**, 112, 606-612	8
533	The Association Between Novel Polymorphisms of Gremlin Genes and Egg-Laying Performance Traits in Chinese Village Dagu Hens. **2018**, 18, 361-373	2
532	Trypanosoma cruzi: ancestral genomes and population structure. **2009**, 104 Suppl 1, 108-14	18
531	Haemosporidian Parasites of Chilean Ducks: The Importance of Biogeography and Nonpasserine Hosts. **2020**, 106, 211-220	1
530	Multilocus Phylogeography of Eastern Red-Backed Salamanders (Plethodon cinereus): Cryptic Appalachian Diversity and Postglacial Range Expansion. **2020**, 76, 61	7
529	Phylogeny and Systematic Revision of the Gecko Genus Hemidactylus from the Horn of Africa (Squamata: Gekkonidae). **2020**, 33, 26	2
528	Association of and polymorphisms and their association with breast cancer risk among Iranian population. **2019**, 18, 429-438	4
527	Frequencies of the Arg16Gly, Gln27Glu and Thr164Ile Adrenoceptor β Polymorphisms among Omanis. **2015**, 15, e486-90	5
526	Transcriptional regulation of PNPLA3 and its impact on susceptibility to nonalcoholic fatty liver Disease (NAFLD) in humans. **2016**, 9, 26-40	7
525	Genetic risk score to predict biochemical recurrence after radical prostatectomy in prostate cancer: prospective cohort study. **2017**, 8, 75979-75988	3
524	GSTA1 diplotypes affect busulfan clearance and toxicity in children undergoing allogeneic hematopoietic stem cell transplantation: a multicenter study. **2017**, 8, 90852-90867	27
523	Tamoxifen side effects: pharmacogenetic and clinical approach in Mexican mestizos.. **2019**, 8, 23-34	4

522	Genetic Variation in the Growth Hormone Promoter Region of Anas platyrhynchos, a Duck Native to Myanmar. **2012**, 49, 245-248	3
521	Phylogeny and phylogeography of arvicoline and lagurine voles of Mongolia. **2019**, 68, 100	4
520	Haplotype TGTG from SNP 45T/G and 276G/T of the adiponectin gene contributes to risk of polycystic ovary syndrome. **2013**, 36, 497-502	6
519	Sequence Variations and Haplotypes of the GJB2 Gene Revealed by Resequencing of 192 Chromosomes from the General Population in Korea. **2010**, 3, 65-9	5
518	The Relationship between Single Nucleotide Polymorphisms of theCarbonic Anhydrase 6Gene andPhenylthiocarbamide Taste Sensitivity, Taste Disorder. **2012**, 55, 155	1
517	Empirical comparison of single nucleotide polymorphisms and microsatellites for population and demographic analyses of bowhead whales. **2012**, 19, 129-147	28
516	Characterization of genetic variation and basis of inflammatory bowel disease in the Toll-like receptor 5 gene of the red wolf and the maned wolf. **2017**, 32, 135-144	4
515	Candidate gene variation in gilthead sea bream reveals complex spatiotemporal selection patterns between marine and lagoon habitats. **2016**, 558, 115-127	4
514	Association of eNOS gene polymorphisms T-786C and G894T with blood pressure variability in man. **2011**, 60, 193-7	13
513	Difference in angiotensinogen haplotype frequencies between chronic heart failure and advanced atherosclerosis patients - new prognostic factor?. **2011**, 60, 55-64	3
512	ABCB1 4036A>G and 1236C>T Polymorphisms Affect Plasma Efavirenz Levels in South African HIV/AIDS Patients. **2012**, 3, 236	38
511	[Polymorphism of SNPs in the lipoprotein lipase (LPL) in Siniperca chuatsi and their association with feed habit domestication]. **2011**, 33, 996-1002	2
510	SNPs detection in largemouth bass myostatin gene and its association with growth traits. **2010**, 34, 665-671	4
509	IL-10 and TNF-alpha promoter haplotypes are associated with childhood Crohn's disease location. **2009**, 15, 3776-82	44
508	Genome-wide association studies--a summary for the clinical gastroenterologist. **2009**, 15, 5377-96	12
507	Haplotype of prostaglandin synthase 2/cyclooxygenase 2 is involved in the susceptibility to inflammatory bowel disease. **2005**, 11, 6003-8	22
506	Glucocorticoid receptor gene haplotype structure and steroid therapy outcome in IBD patients. **2010**, 16, 3888-96	17
505	Association of angiogenesis and inflammation-related gene functional polymorphisms with early-stage breast cancer prognosis. **2020**, 19, 3687-3700	3

504	A new monster from southwest Oregon forests: Cryptomaster behemoth sp. n. (Opiliones, Laniatores, Travunioidea). **2016**, 11-35	6
503	New species in the Sitalcina sura species group (Opiliones, Laniatores, Phalangodidae), with evidence for a biogeographic link between California desert canyons and Arizona sky islands. **2016**, 1-36	9
502	Taxonomic reassessment of two subspecies of Chinese skink in Taiwan based on morphological and molecular investigations (Squamata, Scincidae). **2017**, 131-148	4
501	Molecular evidence for cryptic species in the common slug eating snake (Squamata, Lamprophiidae) from South Africa. **2019**, 838, 133-154	4
500	A revised taxonomy of Asian snail-eating snakes (Squamata, Pareidae): evidence from morphological comparison and molecular phylogeny. **2020**, 939, 45-64	10
499	Multilocus, phenotypic, behavioral, and ecological niche analyses provide evidence for two species within (Aves, Fringillidae). **2020**, 952, 129-157	1
498	Resurrection and re-description of Plethodontohyla laevis (Boettger, 1913) and transfer of Rhombophryne alluaudi (Mocquard, 1901) to the genus Plethodontohyla (Amphibia, Microhylidae, Cophylinae). **2018**, 94, 109-135	4
497	Use of diplotypes - matched haplotype pairs from homologous chromosomes - in gene-disease association studies. **2014**, 26, 165-70	4
496	MtDNA and nuclear data reveal patterns of low genetic differentiation for the isopods Stenosoma lancifer and Stenosoma acuminatum, with low dispersal ability along the northeast Atlantic coast. **2012**, 76, 133-140	9
495	Geographic Distribution of Chronic Wasting Disease Resistant Alleles in Nebraska, with Comments on the Evolution of Resistance. **2020**, 11, 46-55	4
494	Genetic Structure is Inconsistent with Subspecies Designations in the Western Massasauga Sistrurus tergeminus. **2015**, 6, 350-359	5
493	Haplotype association analysis of meat quality traits at the bovine PRKAG3 locus. **2007**, 6, 82-84	1
492	Molecular screening indicates high prevalence and mixed infections of Hepatozoon parasites in wild felines from South Africa. **2020**, 91, e1-e5	1
491	Association between cytochrome CYP17A1, CYP3A4, and CYP3A43 polymorphisms and prostate cancer risk and aggressiveness in a Korean study population. **2015**, 17, 285-91	14
490	DNA-repair ERCC1 Gene Polymorphisms in Epithelial Ovarian Cancer and Relation to Platinum Resistance and Survival. **2011**, 02, 140-147	6
489	Impacts of single nucleotide polymorphisms and haplotypes in the bovine Dapper1 gene on body weight. **2013**, 12, 1254-68	1
488	Identification and analysis of phospholipid transfer protein polymorphisms and their association with marbling score in Hanwoo (Korean cattle). **2013**, 12, 731-7	5
487	Genotype-based association models of complex diseases to detect gene-gene and gene-environment interactions. **2014**, 7, 51-60	1

486	An extended Tajima's D neutrality test incorporating SNP calling and imputation uncertainties. **2015**, 8, 447-456	2
485	<i>PSAP</i> gene variants and haplotypes reveal significant effects on carcass and meat quality traits in Chinese Simmental-cross cattle. **2016**, 59, 461-468	3
484	Casein haplotype diversity in seven dairy goat breeds. **2019**, 62, 447-454	1
483	Polymorphisms of the kappa casein (3) gene and inference of its variants in water buffalo (). **2019**, 62, 585-596	3
482	Molecular characterization, tissue expression and polymorphisms of buffalo gene. **2020**, 63, 249-259	5
481	Polymorphism and molecular characteristics of the gene in river and swamp buffalo. **2020**, 63, 345-354	4
480	Analysis of CYP2D6 Allele Frequencies and Identification of Novel SNPs and Sequence Variations in Sardinians. **2013**, 2013, 1-10	5
479	Variations in the Regulatory Region of Alpha S1-Casein Milk Protein Gene among Tropically Adapted Indian Native (Bos Indicus) Cattle. **2013**, 2013, 926025	5
478	Association of interleukin 10 haplotype with low bone mineral density in Korean postmenopausal women. **2004**, 37, 691-9	9
477	Identification of genetic polymorphisms in FABP3 and FABP4 and putative association with back fat thickness in Korean native cattle. **2008**, 41, 29-34	45
476	Putative association of DNA methyltransferase 1 (DNMT1) polymorphisms with clearance of HBV infection. **2009**, 42, 834-9	13
475	Association of polymorphisms in thromboxane A2 receptor and thromboxane A synthase 1 with cerebral infarction in a Korean population. **2009**, 42, 200-5	20
474	ADFP promoter polymorphism associated with marbling score in Korean cattle. **2009**, 42, 529-34	5
473	Association of PTGER gene family polymorphisms with aspirin intolerant asthma in Korean asthmatics. **2010**, 43, 445-9	28
472	Beta 2 adrenergic receptor polymorphisms, at codons 16 and 27, and bronchodilator responses in adult Venezuelan asthmatic patients. **2013**, 157, 374-8	11
471	No Association between Tumor Necrosis Factor-alpha Gene Polymorphisms and Lung Cancer Risk. **2013**, 28, e2013012	3
470	Polymorphisms in the Perilipin Gene May Affect Carcass Traits of Chinese Meat-type Chickens. **2015**, 28, 763-70	6
469	Novel Polymorphisms of Adrenergic, Alpha-1B-, Receptor and Peroxisome Proliferator-activated Receptor Gamma, Coactivator 1 Beta Genes and Their Association with Egg Production Traits in Local Chinese Dagu Hens. **2016**, 29, 1256-64	5

468	Coat colour phenotype of Qingyu pig is associated with polymorphisms of melanocortin receptor 1 gene. **2017**, 30, 938-943	2
467	Polymorphism of NLRP3 Gene and Association with Susceptibility to Digestive Disorders in Rabbit. **2013**, 26, 455-62	5
466	Mutations of TYR and MITF Genes are Associated with Plumage Colour Phenotypes in Geese. **2014**, 27, 778-83	23
465	Identification of Polymorphisms in CYP2E1 Gene and Association Analysis among Chronic HBV Patients. **2009**, 7, 187-194	2
464	Lack of Association of BIRC5 Polymorphisms with Clearance of HBV Infection and HCC Occurrence in a Korean Population. **2009**, 7, 195-202	1
463	Putative Association of ITGB1 Haplotype with the Clearance of HBV Infection. **2010**, 8, 9-18	1
462	Association Analysis of TEC Polymorphisms with Aspirin-Exacerbated Respiratory Disease in a Korean Population. **2014**, 12, 58-63	1
461	Porcine Fatty Acid Synthase Gene Polymorphisms Are Associated with Meat Quality and Fatty Acid Composition. **2011**, 31, 356-365	7
460	Association between p53 gene variants and oral cancer susceptibility in population from Gujarat, West India. **2013**, 14, 1093-100	12
459	Role of IL-18 Gene Promoter Polymorphisms, Serum IL-18 Levels, and Risk of Hepatitis B Virus-related Liver Disease in the Guangxi Zhuang Population: a Retrospective Case-Control Study. **2015**, 16, 6019-26	9
458	Evolutionary genomics of epidemic visceral leishmaniasis in the Indian subcontinent. **2016**, 5,	107
457	Unequal contribution of native South African phylogeographic lineages to the invasion of the African clawed frog, Xenopus laevis, in Europe. **2016**, 4, e1659	17
456	Microendemicity in the northern Hajar Mountains of Oman and the United Arab Emirates with the description of two new species of geckos of the genus Asaccus (Squamata: Phyllodactylidae). **2016**, 4, e2371	16
455	Catchments catch all in South African coastal lowlands: topography and palaeoclimate restricted gene flow in (Meliaceae)-a multilocus phylogeographic and distribution modelling approach. **2017**, 5, e2965	2
454	A molecular phylogeny of the spiny lobster highlights a separately evolving lineage from the Southwest Indian Ocean. **2017**, 5, e3356	12
453	Rape and the prevalence of hybrids in broadly sympatric species: a case study using albatrosses. **2014**, 2, e409	6
452	Adaptive genetic variation at three loci in South African vervet monkeys () and the role of selection within primates. **2018**, 6, e4953	5
451	Speciation among sympatric lineages in the genus (Cnidaria: Anthozoa: Zoantharia) revealed by morphological comparison, phylogenetic analyses and investigation of spawning period. **2018**, 6, e5132	6

450	Effective population sizes and adaptive genetic variation in a captive bird population. **2018**, 6, e5803	8
449	First steps towards assessing the evolutionary history and phylogeography of a widely distributed Neotropical grassland bird (Motacillidae:). **2018**, 6, e5886	8
448	Embracing heterogeneity: coalescing the Tree of Life and the future of phylogenomics. **2019**, 7, e6399	63
447	The biogeography of (Pallas, 1814), with a description of a new rat snake species. **2019**, 7, e6944	12
446	Evolutionary history of the Cameroon radiation of puddle frogs (Phrynobatrachidae:), with descriptions of two critically endangered new species from the northern Cameroon Volcanic Line. **2020**, 8, e8393	6
445	Genetic structure is stronger across human-impacted habitats than among islands in the coral. **2020** , 8, e8550	11
444	Genetic approaches to the conservation of migratory bats: a study of the eastern red bat (Lasiurus borealis). **2015**, 3, e983	10
443	ARHap: Association Rule Haplotype Phasing. **2021**, PP,	0
442	Comparative phylogeography study reveals introgression and incomplete lineage sorting during rapid diversification of Rhodiola. **2021**,	0
441	Genetic Polymorphisms of the Signal Peptide and Promoter Region: Role in Wilms Tumor Susceptibility?. **2021**, 8, 22-31	
440	A novel set of short microhaplotypes based on non-binary SNPs for forensic challenging samples. **2021**, 136, 43	2
439	No significant influence of OCT1 genotypes on the pharmacokinetics of morphine in adult surgical patients. **2021**,	1
438	Population genetics meets phylogenetics: new insights into the relationships among members of the genus Euthynnus (family Scombridae). **2022**, 849, 47	0
437	Genetic association of polymorphisms in porcine RGS16 with porcine circovirus viral load in naturally infected Yorkshire pigs.. **2021**, 63, 1223-1231	0
436	Rapid Evolution of Postzygotic Reproductive Isolation is Widespread in Arctic Plant Lineages. **2021**,	1
435	Conflicting relationships of Vipera walser inferred from nuclear genes sequences and mitochondrial DNA.	1
434	Prognostic implication of PD-L1 polymorphisms in non-small cell lung cancer treated with radiotherapy. **2021**, 10, 8071-8078	1
433	Sea surface temperature, rather than land mass or geographic distance, may drive genetic differentiation in a species complex of highly dispersive seabirds. **2021**, 11, 14960-14976	0

432	Taxonomic status of Dahl Jird, Meriones dahli, as inferred from cytochrome b and IRBP gene sequences (Mammalia: Rodentia). **2021**, 67, 283-289	
431	Evidence of cryptic diversity in Podarcis peloponnesiacus and re-evaluation of its current taxonomy; insights from genetic, morphological, and ecological data.	0
430	Molecular cloning, functional characterization, tissue expression and polymorphism analysis of buffalo PRDX6 gene.	
429	Molecular data elucidate cryptic diversity within the widespread Threadfin Shad (Dorosoma petenense: Clupeidae) across the Nearctic and Northern Neotropics. 1	0
428	1. Keynote Papers. **2003**, 15, 3-13	
427	Large scale reconstruction of haplotypes from genotype data. **2003**,	8
426	Nonparametric disequilibrium mapping of functional sites using haplotypes of multiple tightly linked single-nucleotide polymorphism markers. **2003**, 164, 1175-87	17
425	Sequences associated with human iris pigmentation. **2003**, 165, 2071-83	108
424	A Coalescent-Based Approach for Complex Disease Mapping. **2004**, 124-130	
423	Dynamic Programming Algorithms for Haplotype Block Partitioning and Tag SNP Selection Using Haplotype Data or Genotype Data. **2004**, 96-112	
422	Phase (Sensu Linkage). **2004**,	
421	Phase.	
420	Association analysis of monocyte chemotactic protein-3 (MCP3) polymorphisms with asthmatic phenotypes. **2005**, 38, 77-81	3
419	Haplotype-Based Association and Linkage Analysis of Angiotensin-I Converting Enzyme(ACE) Gene with a Hypertension. **2005**, 18, 297-310	
418	Phasing of 2-SNP Genotypes Based on Non-random Mating Model. **2006**, 767-774	1
417	On the Complexity of SNP Block Partitioning Under the Perfect Phylogeny Model. **2006**, 92-102	1
416	Association Between Polymorphisms in the DNA Repair Genes XRCC1 and APE1, and the Risk of Prostate Cancer in White and Black Americans. **2006**, 175, 108???112	1
415	Coalescent methods for fine-scale disease-gene mapping. **2007**, 376, 123-40	1

396	Efficiently Solvable Perfect Phylogeny Problems on Binary and k-State Data with Missing Values. **2011**, 282-297	1
395	Potential Application of Pollen Genotyping for Evolutionary Genetic and Genomic Studies: Linkage/Recombination Analysis and Haplotype Sequencing. **2011**, 111-123	
394	Variability in Toll-like Receptor Genes and Their Relation to Occurrence of Periodontal Pathogens in Chronic Periodontitis. **2011**, 111, 107-116	
393	Haplotype inference. **2012**, 850, 411-21	
392	Renewed Interest in Haplotype: From Genetic Marker to Gene Prediction. **2012**, 83-104	
391	Haplotype Analysis for Case-Control Data. **2012**, 209-233	
390	Statistical Methods in Genetic and Molecular Epidemiology and Their Application in Studies with Metabolic Phenotypes. **2012**, 39-56	
389	Associating Genotype Sequence Properties to Haplotype Inference Errors. **2012**, 132-143	
388	From SNP Genotyping to Improved Pediatric Healthcare. **2012**, 359-378	
387	Homogenizing Access to Highly Time-Consuming Biomedical Applications through a Web-Based Interface. **2012**, 33-42	
386	Association between WDR21A polymorphisms and airway responsiveness to inhaled corticosteroids in asthmatic patients. **2012**, 22, 327-35	4
385	The thyroid hormone receptor □ocus and white matter lesions: a role for the clock gene REV-ERB□120814093637002	
384	HybHap: A Fast and Accurate Hybrid Approach for Haplotype Inference on Large Datasets. **2013**, 24-35	
383	Pharmacogenomics of Gynecological Disorders. **2013**, 707-741	
382	Genetic Polymorphisms of the Bovine NOV Gene Are Significantly Associated with Carcass Traits in Korean Cattle. **2013**, 26, 780-7	1
381	Genetics of Childhood Obesity. **2014**, 71-91	1
380	Haplotype Imputation for Association Analysis. **2014**, 183-211	
379	Association of Three Polymorphisms in Porcine Ribosomal protein L27a (RPL27A) Gene with Meat-quality Traits. **2013**, 55, 509-513	

378	Tractatus: An Exact and Subquadratic Algorithm for Inferring Identical-by-Descent Multi-shared Haplotype Tracts. **2014**, 1-17	
377	Bayesian systems-based genetic association analysis with effect strength estimation and omic wide interpretation: a case study in rheumatoid arthritis. **2014**, 1142, 143-76	
376	Haplotype characteristics and Linkage disequilibrium analysis of SLA class III region. **2014**, 48, 217-227	
375	Systematics and phylogeography of Acanthodactylus schreiberi and its relationships with Acanthodactylus boskianus (Reptilia: Squamata: Lacertidae). **2014**, 172, 720-739	6
374	Repeated duplication of Argonaute2 is associated with strong selection and testis specialization in Drosophila.	
373	DiscoMark: Nuclear marker discovery from orthologous sequences using draft genome data.	1
372	Pollutants and insecticides drive local adaptation in African malaria mosquitoes.	0
371	Radiation and hybridization of the Little Devil poison frog (Oophaga sylvatica) in Ecuador.	1
370	Signatures of human European Paleolithic expansion shown by resequencing of non-recombining X-chromosome segments.	
369	Polymorphisms and their Haplotype Combinations in the Lysozyme Gene Associated with the Production Traits of a Chinese Native Chicken Breed. **2017**, 19, 53-60	
368	A genetic variant in SLC28A3, rs56350726, is associated with progression to castration-resistant prostate cancer in a Korean population with metastatic prostate cancer. **2017**, 8, 96893-96902	1
367	Ancient genomic variation underlies repeated ecological adaptation in young stickleback populations.	4
366	ABCA1 Polymorphism, a Genetic Risk Factor of Harm Avoidance. **2017**, 38, 189-195	
365	Siccuracy: An R-package for executing genotype imputation strategy simulations with AlphaImpute.	
364	Haplotype Frequency Comparison for Case-Parents Data. **2018**, 08, 721-730	
363	Effective population sizes and adaptive genetic variation in a captive bird population.	
362	Spotlight on islands: on the origin and diversification of a new lineage of the Italian wall lizard Podarcis siculus in the western Pontine Islands.	
361	Coalescent history of nuclear introgression between gadwall and falcated duck fails to explain among[locus heterogeneity in genetic diversity. **2018**, 3,	

360	Inference of Chromosome-length Haplotypes using Genomic Data of Three to Five Single Gametes.	1
359	Environmental association identifies candidates for tolerance to low temperature and drought.	
358	Thermal selection drives biodiversity origination across the Atlantic/Indian Ocean boundary.	
357	Selection, linkage, and population structure interact to shape genetic variation among threespine stickleback genomes.	
356	Phylogeny, phylogeography and hybridization of Caucasian barbels of the genus Barbus (Actinopterygii, Cyprinidae).	1
355	Functional and evolutionary impact of polymorphic inversions in the human genome.	0
354	Genotyping and Statistical Analysis. **2019**, 1-20	
353	Phylogeographic parallelism: concordance of patterns in closely related species illuminates underlying mechanisms in the historically glaciated Tasmanian landscape.	0
352	Elevated risk of invasive group A streptococcal disease and host genetic variation in the human leukocyte antigen locus.	1
351	Genetic structure of prey populations underlies the geographic mosaic of arms race coevolution.	1
350	Polymorphism analyses and protein modelling inform on functional specialization of Piwi clade genes in the arboviral vectorAedes albopictus.	1
349	SweHLA: the high confidence HLA typing bio-resource drawn from 1 000 Swedish genomes.	
348	Statistical Methods and Software for Substance Use and Dependence Genetic Research. **2019**, 20, 172-183	
347	First Genetic Data of the Critically Endangered Vietnamese Pond Turtle (Mauremys annamensis) from Known-locality Specimens. **2019**, 38, 140	
346	Meta Analysis of Genetic Variants of HIV Mother to Child Transmission. **2020**, 279-293	
345	N-acetyltransferase 2 genotypes amongst Zulu Speaking South Africans and isoniazid /N-acetyl-isoniazid pharmacokinetics during anti-tuberculosis treatment.	
344	Genome-wide identification of diacylglycerol acyltransferases (DGAT) family genes influencing milk production traits in buffalo.	
343	Evolutionary history of two cryptic species of Northern African jerboas.	

342	Genome-wide identification of diacylglycerol acyltransferases (DGAT) family genes influencing milk production traits in buffalo.	
341	Evolutionary history of two cryptic species of Northern African jerboas.	
340	Evolutionary history of two cryptic species of Northern African jerboas.	
339	Defining the phylogeographic relationship between cis- and trans-Andean populations of Dendrocincla fuliginosa and Xenops minutus in Colombia. **2020**, 91,	0
338	Intraspecific mitochondrial gene variation can be as low as that of nuclear rRNA. **2020**, 9, 339	0
337	LOX gene polymorphisms are associated with osteoporotic vertebral compression fracture in postmenopausal Chinese women. **2020**, 741, 144543	2
336	A new stump-toed frog from the transitional forests of NW Madagascar (Anura, Microhylidae, Cophylinae,). **2020**, 933, 139-164	2
335	Genetic, morphological, and niche variation in the widely hybridizing Rhus integrifolia-Rhus ovata species complex.	
334	Frogs of the genus Platypelis from the Sorata massif in northern Madagascar: description of a new species and reports of range extensions. **2020**, 96, 263-274	
333	Phylogeographic structure of the dunes sagebrush lizard, an endemic habitat specialist.	
332	Hepatica transsilvanica Fuss (Ranunculaceae) is an Allotetraploid Relict of the Tertiary Flora in Europe Molecular Phylogenetic Evidence. **2020**, 89,	2
331	Population dynamics of GC-changing mutations in humans and great apes.	
330	Species limits and phylogeographic structure in two genera of solitary African mole-rats Georychus and Heliophobius. **2021**, 167, 107337	1
329	-receptor polymorphisms and junctional ectopic tachycardia in children after cardiac surgery. **2021**,	1
328	The population genetics characteristics of a 90 locus panel of microhaplotypes. **2021**, 140, 1753-1773	2
327	The Impact of the CYP2D6 "Enhancer" Single Nucleotide Polymorphism on CYP2D6 Activity. **2021**,	
326	Detecting fecal egg count (FEC) for gastrointestinal nematodes of adult Turkish sheep with different scrapie related haplotypes. **2021**, 32, 381-387	
325	Genetic Diversity of Mongolian Long-Eared Bats (Plecotus; Vespertilionidae; Chiroptera). **2020**, 22,	0

324	Validation of PHASE for deriving N-acetyltransferase 2 haplotypes in the Western Cape mixed ancestry population. **2020**, 9, 988	
323	OUP accepted manuscript.	2
322	Linked-read sequencing enables haplotype-resolved resequencing at population scale.	0
321	Genome-wide identification of diacylglycerol acyltransferases (DGAT) family genes influencing milk production traits in buffalo.	
320	Fuzzy species borders of glacial survivalists in the Carpathian biodiversity hotspot revealed using a multimarker approach. **2021**, 11, 21629	1
319	A comparative analysis of current phasing and imputation software.	1
318	Features and applications of haplotypes in crop breeding. **2021**, 4, 1266	6
317	Drastic shift in flowering phenology, an instant reproductive isolation mechanism, explains the population structure of Imperata cylindrica in Japan.	
316	Assessing the variations in breast/ovarian cancer risk for Chinese BRCA1/2 carriers.	
315	Interplay of IL6 and CRIM1 on thiopurine-induced neutropenia in leukemic patients with wild-type NUDT15 and TPMT.	
314	Age structuring and spatial heterogeneity in prion protein gene (PRNP) polymorphism in white-tailed deer.	0
313	Populationsgenetik. **2007**, 67-109	
312	Assoziationsanalyse. **2007**, 229-278	
311	Application to Estimate Haplotypes for Multiallelic Present-Absent Loci. **2008**, 357-364	
310	Association Mapping of Complex Diseases with Ancestral Recombination Graphs: Models and Efficient Algorithms. **2007**, 488-502	2
309	Algorithm for Haplotype Inferring Via Galled-Tree Networks with Simple Galls. **2007**, 121-132	2
308	Efficient and Tight Upper Bounds for Haplotype Inference by Pure Parsimony Using Delayed Haplotype Selection. **2007**, 621-632	3
307	Fast Bayesian Haplotype Inference Via Context Tree Weighting. **2008**, 259-270	

306	Evidence of genetic differentiation in cigar wrasse (Labridae) within the western Indian Ocean. **2020**, 63, 493-502	
305	Persisting in a glaciated landscape: Pleistocene microrefugia evidenced by the tree w Hemideina maori in central South Island, New Zealand. **2020**, 47, 2518-2531	4
304	Extended haplotypes in the complement factor H (CFH) and CFH-related (CFHR) family of genes protect against age-related macular degeneration: characterization, ethnic distribution and evolutionary implications. **2006**, 38, 592-604	97
303	Interaction between birthweight and polymorphism in the calcium-sensing receptor gene in determination of adult bone mass: the Hertfordshire cohort study. **2007**, 34, 769-75	11
302	Genetic variations and plasma levels of gelatinase A (matrix metalloproteinase-2) and gelatinase B (matrix metalloproteinase-9) in proliferative diabetic retinopathy. **2008**, 14, 1114-21	40
301	beta-2-adrenergic receptor gene polymorphism confers susceptibility to Graves disease. **2007**, 19, 181-6	12
300	Screening of common CYP1B1 mutations in Iranian POAG patients using a microarray-based PrASE protocol. **2008**, 14, 2349-56	23
299	Association between polymorphisms in the beta2-adrenergic receptor gene with myocardial infarction and ischaemic stroke in women. **2009**, 101, 351-8	11
298	Novel pathway analysis of genomic polymorphism-cancer risk interaction in the Breast Cancer Prevention Trial. **2010**, 1, 332-49	13
297	Evaluation of neprilysin sequence variation in relation to CSF Amyloid levels and Alzheimer disease risk. **2010**, 1, 47-52	6
296	Genetic risk factors of disc degeneration among 12-14-year-old Danish children: a population study. **2010**, 1, 158-65	41
295	Gender difference in genetic association between IL1A variant and early lumbar disc degeneration: a three-year follow-up. **2012**, 3, 195-204	8
294	Association between GSTM1 copy number, promoter variants and susceptibility to urinary bladder cancer. **2012**, 3, 228-36	7
293	Genetic Diversity and Balancing Selection within the Human Phenylalanine Hydroxylase (PAH) Gene Region in Iranian Population. **2012**, 41, 97-104	2
292	Association between Interleukin-10 Gene Promoter Haplotype and Schizophrenia in a Han-Chinese Study. **2008**, 4, 185-91	2
291	CFH haplotypes and ARMS2, C2, C3, and CFB alleles show association with susceptibility to age-related macular degeneration in Mexicans. **2014**, 20, 105-16	15
290	Association between 11beta-hydroxysteroid dehydrogenase type 1 gene polymorphisms and metabolic syndrome in Bosnian population. **2012**, 22, 76-85	6
289	Association of interleukin-10 with hepatitis B virus (HBV) mediated disease progression in Indian population. **2014**, 139, 737-45	11

288	DPP4 genetic variants influence baseline prostate-specific antigen levels: the J-MICC study. **2013**, 75, 73-80	3
287	Association between polymorphism of the norepinephrine transporter gene rs2242446 and rs5669 loci and depression disorders. **2015**, 8, 18837-42	4
286	Genetic polymorphisms of C-reactive protein increase susceptibility to HBV-related hepatocellular carcinoma in a Guangxi male population. **2015**, 8, 16055-63	4
285	C-Reactive Protein Gene Polymorphisms and the Risk of Atrial Fibrillation in a Chinese Population in Taiwan. **2013**, 29, 208-16	4
284	Association of -77T>C and Arg194trp polymorphisms of XRCC1 with risk of coronary artery diseases in Iranian population. **2016**, 19, 194-200	1
283	CTLA-4 Gene Haplotypes and the Risk of Chronic Hepatitis C Infection; a Case Control Study. **2017**, 6, 51-58	4
282	Comprehensive screening of in a cohort of Chinese patients with Bietti crystalline dystrophy. **2018**, 24, 700-711	6
281	The evolutionary history of the Caribbean magnolias (Magnoliaceae): Testing species delimitations and biogeographical hypotheses using molecular data. **2021**, 167, 107359	2
280	Genetic and conservation significance of populations at the polar vs. equatorial range limits of the Pacific coastal dune endemic Abronia umbellata (Nyctaginaceae). 1	1
279	Phylogeography and morphometric variation in the Cinnamon Hummingbird complex: Amazilia rutila (Aves: Trochilidae). **2021**, 12,	
278	Molecular evidence and ecological niche modeling reveal an extensive hybrid zone among three Bursera species (section Bullockia). **2021**, 16, e0260382	1
277	Phylogeography. **2021**, 59-80	
276	Screening and selection of 21 novel microhaplotype markers for ancestry inference in ten Chinese Subpopulations.	1
275	Biogeographic and demographic history of the Mediterranean snakes Malpolon monspessulanus and Hemorrhois hippocrepis across the Strait of Gibraltar. **2021**, 21, 210	2
274	Will the artificial populations be sustainable? A genetic assessment on Caragana korshinskii afforestation in the semiarid regions of North China. 1	0
273	Evidence for selection and spatially distinct patterns found in a putative zona pellucida gene in Pacific cod, and implications for management.. **2021**, 11, 16661-16679	0
272	Variation in the PRNP gene of Pere David□ deer (Elaphurus davidianus) may impact genetic vulnerability to chronic wasting disease. 1	0
271	Confirming the TMEM232 gene associated with atopic dermatitis through targeted capture sequencing. **2021**, 11, 21830	0

270	Diversification and secondary contact in the magpie-jays (Calocitta) throughout the pacific lowlands of Mesoamerica.	1
269	Species delimitation and phylogeny of Doto (Nudibranchia: Dotidae) from the Northeast Atlantic, with a discussion on food specialization. **2021**, 59, 1754	
268	Association of genetic variants of oxidative stress responsive kinase 1 (OXSR1) with asthma exacerbations in non-smoking asthmatics.. **2022**, 22, 3	0
267	Analysis of the Knockdown Resistance Locus (kdr) in Anopheles stephensi, An. arabiensis, and Culex pipiens s.l. for Insight Into the Evolution of Target-site Pyrethroid Resistance in Eastern Ethiopia.. **2022**,	1
266	An integrative taxonomic revision of slug-eating snakes (Squamata: Pareidae: Pareineae) reveals unprecedented diversity in Indochina.. **2022**, 10, e12713	1
265	Programmed death-ligand 1 single nucleotide polymorphism affects breast cancer chemosensitivity and adverse events in the neoadjuvant setting. **2020**, 35, 90-101	
264	The recombination landscapes of spiny lizards (genus Sceloporus). **2021**,	
263	Phylogeographic pattern, genetic diversity, and evolutionary history of the enigmatic freshwater fish species Aulopyge huegelii (Actinopterygii: Cyprinidae). **2021**, 59, 2086-2102	0
262	World Travelers: Parthenogenesis and Ecological Tolerance Enable Multiple Colonization Events by the Widespread Short-Tailed Whipscorpion, Stenochrus portoricensis (Schizomida: Hubbardiidae). **2022**, 6,	1
261	OUP accepted manuscript.	0
260	From dietary adaptation in the past to drug metabolism of today: An example of NAT genes in the Croatian Roma.	0
259	Impact of Glutathione S-transferase Polymorphisms on Busulfan Pharmacokinetics and Outcomes of Hematopoietic Stem Cell Transplantation.. **2022**,	
258	A new cryptic species of the Darevskia parvula group from NE Anatolia (Squamata, Lacertidae). 1	0
257	Functional variants in cytochrome b5 type A (CYB5A) are enriched in Southwest American Indian individuals and associate with obesity.. **2022**,	
256	Genomic signatures of isolation, hybridization, and selection during speciation of island finches.	1
255	Evolutionary Genetic Signatures of Selection on Bone-Related Variation within Human and Chimpanzee Populations.. **2022**, 13,	0
254	in Wildlife: Exploring Genotype Diversity in Italy and across Europe.. **2022**, 11,	2
253	Skeletal Muscle Expression of Actinin-3 () in Relation to Feed Efficiency Phenotype of F - Steers.. **2022**, 13, 796038	1

252	Effects of a novel UGT2B haplotype and UGT1A4*3 allele variants on glucuronidation of clozapine in vivo.. **2022**,	
251	Detection and population genetic analysis of kdr L1014F variant in eastern Ethiopian Anopheles stephensi.. **2022**, 99, 105235	0
250	Geological and climatic influences on population differentiation of the Phrynocephalus vlangalii species complex (Sauria: Agamidae) in the northern Qinghai-Tibet Plateau.. **2022**, 169, 107394	1
249	Ecological divergence and synchronous Pleistocene diversification in the widespread South American butter frog complex.. **2022**, 107398	
248	Full-likelihood genomic analysis clarifies a complex history of species divergence and introgression: the example of the erato-sara group of Heliconius butterflies.. **2022**,	0
247	Whole-genome resequencing of temporally stratified samples reveals substantial loss of haplotype diversity in the highly inbred Scandinavian wolf population.. **2022**,	0
246	New Insight into the human genetic diversity in North African populations by genotyping of SNPs in DRD3, CSMD1 and NRG1 genes.. **2022**, e1871	1
245	Landscape Genetics and Species Delimitation in the Andean Palm Rocket Frog (Aromobatidae, Rheobates). **2022**, 2022, 1-12	
244	Correlation analysis of mandarin fish () growth hormone gene polymorphisms and growth traits. **2019**, 98,	1
243	Phylogeographic study using nuclear genome sequences of Asip to infer the origins of ventral fur color variation in the house mouse Mus musculus.. **2022**,	
242	OUP accepted manuscript.	
241	Prevalence of Antifungal Resistance, Genetic Basis of Acquired Azole and Echinocandin Resistance, and Genotyping of recovered from an International Collection. **2021**, AAC0185621	
240	CYP1A2 mRNA Expression Rather than Genetic Variants Indicate Hepatic CYP1A2 Activity.. **2022**, 14,	
239	CYP2B6 allelic variants and non-genetic factors influence CYP2B6 enzyme function.. **2022**, 12, 2984	2
238	Assessing the Variations in Breast/Ovarian Cancer Risk for Chinese Carriers.. **2022**, 2022, 9390539	
237	Colonization rather than fragmentation explains the geographical distribution and diversification of treefrogs endemic to Brazilian shield sky islands. **2022**, 49, 682-698	2
236	Taxonomic revision of the Tropiocolotes nattereri (Squamata, Gekkonidae) species complex, with the description of a new species from Israel, Jordan and Saudi Arabia.	1
235	Health influenced by genetics: A first comprehensive analysis of breast cancer high and moderate penetrance susceptibility genes in the Tunisian population.. **2022**, 17, e0265638	0

234	Excessive replacement changes drive evolution of global sheep prion protein (PRNP) sequences.. **2022**,	0
233	Evolutionary divergence of the smooth snake (Serpentes, Colubridae): The role of the Balkans and Anatolia.	
232	Phylogeography and species delimitation of the Neotropical frog complex (Hylidae: Scinax granulatus).	
231	Breaking Yield Ceiling in Wheat: Progress and Future Prospects.	1
230	Molecular analysis reveals multiple native and alien Phoxinus species (Leusciscidae) in the Netherlands and Belgium. 1	0
229	Major histocompatibility II diversity and peptide-binding groove properties associated with red sea bream iridovirus resistance. **2022**, 552, 738038	
228	Drastic shift in flowering phenology of F 1 hybrids causing rapid reproductive isolation in Imperata cylindrica in Japan.	0
227	Does genetic variation in a bitter taste receptor gene alter early smoking behaviors in adolescents and young adults?. **2022**,	
226	Screening and selection of 21 novel microhaplotype markers for ancestry inference in ten Chinese subpopulations.. **2022**, 58, 102687	2
225	An empirical evaluation of genotype imputation of ancient DNA.	
224	An empirical evaluation of genotype imputation of ancient DNA.	
223	Untangling SNP Variations within Gene in Croatian Roma.. **2022**, 12,	0
222	A New Species of the Pond Loaches Misgurnus (Cobitidae) from the South of Sakhalin Island. 1	
221	CRP levels are significantly associated with CRP genotype and estrogen use in The Lifestyle, Biomarker and Atherosclerosis (LBA) study.. **2022**, 22, 170	0
220	Functional and Structural Changes in the Membrane-Bound O-Acyltransferase Family Member 7 (MBOAT7) Protein: The Pathomechanism of a Novel Variant in Patients With Intellectual Disability.. **2022**, 13, 836954	0
219	Phylogeography using mitogenomes: A rare Dipodidae, , in North-western Europe.. **2022**, 12, e8865	0
218	An overview of SNP-SNP microhaplotypes in the 26 populations of the 1000 Genomes Project.. **2022**, 1	1
217	Table_1.XLSX. **2020**,	

216 Table_1.DOCX. **2017**,

215 Data_Sheet_1.CSV. **2019**,

214 Data_Sheet_2.CSV. **2019**,

213 Data_Sheet_3.CSV. **2019**,

212 Data_Sheet_4.pdf. **2019**,

211 Data_Sheet_5.pdf. **2019**,

210 Data_Sheet_1.xlsx. **2018**,

209 Image_1.pdf. **2018**,

208 Table_1.docx. **2018**,

207 Data_Sheet_1.xlsx. **2019**,

206 Image_1.pdf. **2019**,

205 Table_1.docx. **2019**,

204 Table1.DOCX. **2018**,

203 Table2.DOCX. **2018**,

202 Table3.DOCX. **2018**,

201 Table4.DOCX. **2018**,

200 Data_Sheet_1.xlsx. **2019**,

199 Data_Sheet_2.docx. **2019**,

198 Data_Sheet_3.docx. **2019**,

197 Table_1.docx. **2019**,

196 Table_1.DOCX. **2018**,

195 Table_2.DOCX. **2018**,

194 Data_Sheet_1.PDF. **2018**,

193 Data_Sheet_2.PDF. **2018**,

192 Data_Sheet_1.docx. **2020**,

191 Image_1.jpg. **2020**,

190 Image_2.jpg. **2020**,

189 Image_3.jpg. **2020**,

188 Data_Sheet_1.DOCX. **2020**,

187 Data_Sheet_2.DOC. **2020**,

186 Data_Sheet_3.DOC. **2020**,

185 Data_Sheet_4.DOC. **2020**,

184 Data_Sheet_5.DOCX. **2020**,

183 Data_Sheet_1.PDF. **2018**,

182 Image_1.TIF. **2020**,

181 Image_2.TIF. **2020**,

180 Table_1.DOCX. **2020**,

179 Table_2.DOCX. **2020**,

178 DataSheet_1.pdf. **2020**,

177 Image_1.tiff. **2020**,

176 Image_2.tiff. **2020**,

175 Table_1.docx. **2020**,

174 Table_2.docx. **2020**,

173 Table_3.docx. **2020**,

172 Table_4.docx. **2020**,

171 Table_5.docx. **2020**,

170 Image_1.pdf. **2020**,

169 Table_1.xlsx. **2020**,

168 Table_1.docx. **2019**,

167 Data_Sheet_1.docx. **2019**,

166 DataSheet_1.docx. **2020**,

165 DataSheet1.DOCX. **2018**,

164 An empirical evaluation of genotype imputation of ancient DNA.. **2022**, 1

163 A targeted approach to investigating immune genes of an iconic Australian marsupial.. **2022**, 3

162	North Asian population relationships in a global context.. **2022**, 12, 7214	0
161	Distribution of TAS2R38 bitter taste receptor phenotype and haplotypes among COVID-19 patients.. **2022**, 12, 7381	0
160	Natural LILRB1 D1-D2 variants show frequency differences in populations and bind to HLA class I with various avidities.. **2022**, 1	
159	The curious case of Charles Darwin frog, Rana charlesdarwini Das, 1998: Phylogenetic position and generic placement, with taxonomic insights on other minervaryan frogs (Dicroglossidae: Minervarya) in the Andaman and Nicobar Archipelago. 72, 169-199	
158	Endemism, invasion, and overseas dispersal: the phylogeographic history of the Lesser Antillean frog, Eleutherodactylus johnstonei.	0
157	NAT2 polymorphism and clinical factors that increased antituberculosis drug-induced hepatotoxicity.	
156	Hitchhiking Mapping of Candidate Regions Associated with Fat Deposition in Iranian Thin and Fat Tail Sheep Breeds Suggests New Insights into Molecular Aspects of Fat Tail Selection. **2022**, 12, 1423	0
155	Chromosome-Level Haplotype Assembly for Equus asinu. **2022**, 13,	
154	Unveiling the Mycodrosophila projectans (Diptera, Drosophilidae) species complex: Insights into the evolution of three Neotropical cryptic and syntopic species. **2022**, 17, e0268657	0
153	Contrasting patterns of genetic admixture explain the phylogeographic history of Iberian high mountain populations of midwife toads.	
152	Geographic variation in gene-flow from a genetically distinct migratory ecotype drives population genetic structure of coastal Atlantic cod (Gadus morhua L.).	1
151	Contribution of a Genetic Risk Score to Ethnic Differences in Fatty Liver Disease.	1
150	Worldwide phylogeography of rough-toothed dolphins (Steno bredanensis) provides evidence for subspecies delimitation.	2
149	Restoring faith in conservation action: maintaining wild genetic diversity through the Tasmanian devil insurance program. **2022**, 104474	2
148	An integrative taxonomic revision and redefinition of Gephyromantis (Laurentomantis) malagasius based on archival DNA analysis reveals four new mantellid frog species from Madagascar. 72, 271-309	0
147	Genome-wide association study of simvastatin pharmacokinetics.	0
146	Association of polymorphisms in the erythropoietin gene with diabetic retinopathy: a case control study and systematic review with meta-analysis. **2022**, 22,	1
145	distAngsd: Fast and accurate inference of genetic distances for Next Generation Sequencing data.	

144	Discovery of BRCA1/BRCA2 founder variants by haplotype analysis. **2022**, 266-267, 19-27	
143	Population genetics and demography of the coral-killing cyanobacteriosponge, Terpios hoshinota, in the Indo-West Pacific. 10, e13451	0
142	An unexpected new red-bellied Stumpffia (Microhylidae) from forest fragments in central Madagascar highlights remaining cryptic diversity. 1104, 1-28	
141	Novel Insight Into the Role of ACSL1 Gene in Milk Production Traits in Buffalo. 13,	1
140	SNP Detection in Pinus pinaster Transcriptome and Association with Resistance to Pinewood Nematode. **2022**, 13, 946	
139	Relevance of Gene Polymorphisms of NAT2 and NR1I2 to anti-tuberculosis drug-induced hepatotoxicity. 1-23	0
138	Phylogeography of a Typical Forest Heliothermic Lizard Reveals the Combined Influence of Rivers and Climate Dynamics on Diversification in Eastern Amazonia. 10,	
137	Integrative Phylogeography Reveals Conservation Priorities for the Giant Anteater Myrmecophaga tridactyla in Brazil. **2022**, 14, 542	0
136	PKD2 founder mutation is the most common mutation of polycystic kidney disease in Taiwan. **2022**, 7,	
135	A probable cis-acting genetic modifier of Huntington disease frequent in individuals with African ancestry. **2022**, 100130	0
134	Population-genomic analyses reveal bottlenecks and asymmetric introgression from Persian into iron walnut during domestication. **2022**, 23,	0
133	Novel real-time PCR assay detects widespread distribution of knock down resistance (kdr) mutations associated with pyrethroid resistance in the mosquito, Culex quinquefasciatus, in Thailand. **2022**, 186, 105172	0
132	Genetic Linkage of Prostate Cancer Risk to the Chromosome 3 Region Bearing FHIT. **2005**, 65, 805-814	2
131	Relationship between Methylenetetrahydrofolate Reductase C677T and A1298C Genotypes and Haplotypes and Prostate Cancer Risk and Aggressiveness. **2004**, 13, 1331-1336	10
130	Polymorphisms in Interleukin -2, -6, and -10 Are Not Associated with Gastric Cardia or Esophageal Cancer in a High-Risk Chinese Population. **2004**, 13, 1547-1549	15
129	Interleukin-6 Sequence Variants Are not Associated with Prostate Cancer Risk. **2004**, 13, 1677-1679	7
128	Association of Genetic Variants in the Calcium-Sensing Receptor with Risk of Colorectal Adenoma. **2004**, 13, 2181-2186	5
127	Variants of the IL8 and IL8RB Genes and Risk for Gastric Cardia Adenocarcinoma and Esophageal Squamous Cell Carcinoma. **2004**, 13, 2251-2257	23

126	ERCC2 Genotypes and a Corresponding Haplotype Are Linked with Breast Cancer Risk in a German Population. **2004**, 13, 2059-2064	17
125	Anthropogenic habitat interconnection provokes homogenization of allopatric freshwater fish: concordance of genetic and phenotypic evidence.	
124	A phylogeographic assessment of the greater kudu (Tragelaphus strepsiceros) across South Africa.	0
123	Genetic and morphological variation of Woodland Kingfisher Halcyon senegalensis reveals cryptic mitochondrial lineages and patterns of mitochondrial–nuclear discordance. 1-16	0
122	Incipient speciation, high genetic diversity, and ecological divergence in the alligator bark juniper suggest complex demographic changes during the Pleistocene. 10, e13802	1
121	A Molecular Taxonomy of Cottus in western North America. **2022**, 82,	1
120	Comparative Genomics of the Waterfowl Innate Immune System. **2022**, 39,	
119	Predictive value of common genetic variants in idiopathic pulmonary fibrosis survival. **2022**, 100, 1341-1353	0
118	A comprehensive pharmacogenomic study indicates roles for SLCO1B1 , ABCG2 and SLCO2B1 in rosuvastatin pharmacokinetics.	0
117	Evaluation of the Iranian panel reactive antibody calculator and potential usefulness: A retrospective study.	
116	Phylogeography of Lanius senator in its breeding range: conflicts between alpha taxonomy, subspecies distribution and genetics. **2022**, 89, 941-956	1
115	A widespread commensal loses its identity: suggested taxonomic revision for Indotyphlops braminus (Scolecophidia: Typhlopidae) based on molecular data.	
114	Complex Evolutionary History of the South American Fox Genus Lycalopex (Mammalia, Carnivora, Canidae) Inferred from Multiple Mitochondrial and Nuclear Markers. **2022**, 14, 642	0
113	Genetic Variation in the MBL2 Gene Is Associated with Chlamydia trachomatis Infection and Host Humoral Response to Chlamydia trachomatis Infection. **2022**, 23, 9292	
112	Diversification of Hemidactylus geckos (Squamata: Gekkonidae) in coastal plains and islands of southwestern Arabia with descriptions and complete mitochondrial genomes of two endemic species to Saudi Arabia.	
111	Hybridization between the Woodland Salamanders Plethodon cinereus and P. electromorphus Is Not Widespread. **2022**, 110,	
110	Brown Skua and South Polar Skua (Aves: Stercorariidae) A Hybridization Case or Same Species?.	
109	Mapping of pituitary stress-induced gene regulation connects Nrcam to negative emotions. **2022**, 104953	1

108	Genetic modulation of anemia severity, hemolysis level, and hospitalization rate in Angolan children with Sickle Cell Anemia.	0
107	FOXP3 variants are independently associated with transforming growth factor β1 plasma levels in female patients with inflammatory bowel disease. **2022**, 77, 100084	0
106	Polymorphisms in Cytokine Receptor and Regulator Genes are Associated with Levels of Exercise in Women Prior to Breast Cancer Surgery. 109980042211200	0
105	Asian-specific 3′UTR variant in CDKN2B associated with risk of pituitary adenoma.	0
104	A maximum-likelihood method to estimate haplotype frequencies and prevalence alongside multiplicity of infection from SNP data. 2,	0
103	Variation in Heat Shock Protein 40kDa relates to divergence in thermotolerance among cryptic rotifer species.	0
102	Not the same: phylogenetic relationships and ecological niche comparisons between two different forms of Aglaoctenus lagotis from Argentina and Uruguay.	0
101	A Kit Mutation Associated with Black-Eyed White Phenotype in the Grey Red-Backed Vole, Myodes rufocanus. **2022**, 47,	0
100	Spanish HTT gene study reveals haplotype and allelic diversity with possible implications for germline expansion dynamics in Huntington disease.	0
99	Variability in prion protein genotypes by spatial unit to inform susceptibility to chronic wasting disease. **2022**, 16, 254-264	0
98	MAO-B Polymorphism Associated with Progression in a Chinese Parkinson's Disease Cohort but Not in the PPMI Cohort. **2022**, 2022, 1-8	0
97	IL36G genetic variant is independently associated with susceptibility, severity and joint involvement in psoriasis.	0
96	Association of HLA-DRB1*15:02:01 , DQB1*05:01:24 and DPB1*13:01:01 in Thai patients with systemic sclerosis.	0
95	Coalescent simulations indicate that the São Francisco River is a biogeographic barrier for six vertebrates in a seasonally dry South American forest. 10,	0
94	Phylogeographic breaks and how to find them: Separating vicariance from isolation by distance in a lizard with restricted dispersal.	0
93	The genetic variation of a mitochondrial and two behaviour-related genes in invasive African Sacred Ibis (Threskiornis aethiopicus) populations in Taiwan.	0
92	Systematics of Thraupis (Aves, Passeriformes) reveals an extensive hybrid zone between T. episcopus (Blue-gray Tanager) and T. sayaca (Sayaca Tanager). **2022**, 17, e0270892	0
91	Clustering of Juvenile Canavan disease in an Indian community due to population bottleneck and isolation: genomic signatures of a founder event.	0

90	Integrative taxonomy tests possible hybridisation between Central Asian cerambycids (Coleoptera).	0
89	A new molecular mechanism supports that blue-greenish egg color evolved independently across chicken breeds. **2022**, 102223	0
88	Overruled by nature: A plastic response to an ecological regime shift disconnects a gene and its trait.	0
87	Human leukocyte antigen alleles associate with COVID-19 vaccine immunogenicity and risk of breakthrough infection.	1
86	Phylogeography of Himalrandia lichiangensis from the dry-hot valleys in Southwest China. 13,	0
85	A Pilot Study of Associations Between the Occurrence of Palpitations and Cytokine Gene Variations in Women Prior to Breast Cancer Surgery. 109980042211346	0
84	The effect of the Messinian salinity crisis on the early diversification of the Tettigettalna cicadas.	0
83	Diversity, Phylogenetic Relationships and Distribution of Marsh Frogs (the Pelophylax ridibundus complex) from Kazakhstan and Northwest China. **2022**, 14, 869	0
82	A comparative analysis of current phasing and imputation software. **2022**, 17, e0260177	0
81	Distribution patterns at different spatial scales reveal reproductive isolation and frequent syntopy among divergent lineages of an amphipod species complex in Western Carpathian streams.	0
80	A community-science approach identifies genetic variants associated with three color morphs in ball pythons (Python regius). **2022**, 17, e0276376	0
79	A new species of scops-owl (Aves, Strigiformes, Strigidae, Otus) from Príncipe Island (Gulf of Guinea, Africa) and novel insights into the systematic affinities within Otus. 1126, 1-54	0
78	Haplotyping pharmacogenes using TLA combined with Illumina or Nanopore sequencing. **2022**, 12,	0
77	Extrapolating the susceptibility of Eldś deer (Rucervus eldii thamin) to chronic wasting disease from prion protein gene (PRNP) polymorphisms. 3,	0
76	Evolutionary genetics of malaria. 13,	0
75	Genetic variability in the Crocidura kegoensis□. zaitsevi group (Mammalia, Eulipotyphla) and re-evaluation of C. zaitsevi from Vietnam.	0
74	Evaluation of the influence of genetic variants in Cereblon gene on the response to the treatment of erythema nodosum leprosum with thalidomide. 117,	0
73	Two independent variants of epidermal growth factor receptor associated with risk of glioma in a Korean population. **2022**, 12,	0

72	The Role of Vicariance and Paleoclimatic Shifts in the Diversification of Uranoscodon superciliosus (Squamata, Tropiduridae) of the Amazonian Floodplains.	0
71	Failing the four-gamete test enables exact phasing: the Corners Algorithm. **2022**, 54,	0
70	Genetic diversity, differentiation and phylogeography of the Stenocereus griseus (Haw.) Buxb. species complex (Cactaceae).	0
69	Relevance of CYP2D6 Gene Variants in Population Genetic Differentiation. **2022**, 14, 2481	0
68	Identification of iron and zinc responsive genes in pearl millet using genome-wide RNA-sequencing approach. 9,	0
67	Effect of population size and selection on Toll-like receptor diversity in populations of Gal pagos mockingbirds.	0
66	Characterising Mitochondrial Capture in an Iberian Shrew. **2022**, 13, 2228	0
65	Substantial genetic mixing among sexual and androgenetic lineages within the clam genus Corbicula. 2,	0
64	Variaci gen ica de Balmea stormiae (Rubiaceae) en el centro-occidente de M xico. **2022**,	0
63	Haemosporidian parasites in the ash-breasted Sierra finch (Geospizopsis plebejus): insights from an Andean dry forest population. **2023**, 150, 115-128	0
62	First DNA barcode efficiency assessment for an important ingredient in the Amazonian ayahuasca tea: mariri/jagube, Banisteriopsis (Malpighiaceae).	0
61	Association of HLA-G 3?UTR Polymorphisms with Response to First-Line FOLFIRI Treatment in Metastatic Colorectal Cancer. **2022**, 14, 2737	0
60	KIR genotype and haplotype frequencies in the multi-ethnic population of Malaysia. **2022**,	0
59	Protective role of HLA-B*57:01/58:01 is impaired in HIV-1 CRF01_AE infection in Vietnam. **2022**,	0
58	New insights on patterns of genetic admixture and phylogeographic history in Iberian high mountain populations of midwife toads. **2022**, 17, e0277298	0
57	Phylogeography of the endangered yed turtles (genus Sacalia) and the discovery of a lineage derived from natural interspecific hybridization. **2022**, 12,	0
56	Genetic Diversity Relationship in Azakheli Buffalo Inferred from mtDNA and MC1R Sequences Comparison. **2022**, 2022, 1-8	0
55	A Pipeline for Phasing and Genotype Imputation on Mixed Human Data (Parents-Offspring Trios and Unrelated Subjects) by Reviewing Current Methods and Software. **2022**, 12, 2030	0

54	Using integrative taxonomy to distinguish cryptic halfbeak species and interpret distribution patterns, fisheries landings, and speciation. **2023**,	0
53	Comprehensive in vitro and in silico assessments of metabolic capabilities of 24 genomic variants of CYP2C19 using two different substrates. 14,	0
52	Contrasting Phylogeographic Patterns of Mitochondrial and Genome-Wide Variation in the Groundwater Amphipod Crangonyx islandicus That Survived the Ice Age in Iceland. **2023**, 15, 88	0
51	Exploring the forensic effectiveness and population genetic differentiation by self-constructed 41 multi-InDel panel in Yunnan Zhuang group. **2023**, 147180	0
50	West□ast diversification model explains pattern phylogeography of the Band-tailed Manakin Pipra fasciicauda.	0
49	Introgressive Descent and Hypersexuality Drive The Evolution Of Sexual Parasitism and Morphological Reduction In a Fungal Species Complex.	0
48	Integrative analysis reveals the divergence and speciation between sister Sooty Copper butterflies Lycaena bleusei and L. tityrus. **2023**, 180, 107699	0
47	A new bunting species in South China revealed by an integrative taxonomic investigation of the Emberiza godlewskii complex (Aves, Emberidae). **2023**, 180, 107697	0
46	Variation in heat shock protein 40 kDa relates to divergence in thermotolerance among cryptic rotifer species. **2022**, 12,	0
45	Haplotype Structures and Protein Levels of TGFB1 in HPV Infection and Cervical Lesion: A Case-Control Study. **2023**, 12, 84	0
44	A major locus confers triclabendazole resistance in Fasciola hepatica and shows dominant inheritance. **2023**, 19, e1011081	0
43	Response of an alpine plant to Quaternary climate change: a phylogeographic study of Saxifraga tangutica (Saxifragaceae) in the Qinghai-Tibetan Plateau and Himalayas.	0
42	Eastern Colombian P□amo Liodessus Guignot, 1939 diving beetles are genetically structured, but show signs of hybridization, with description of new species and subspecies (Coleoptera, Dytiscidae). 1143, 165-187	0
41	The Interaction between Four Polymorphisms and Haplotype of ABCB1, the Risk of Non-Small Cell Lung Cancer, and the Disease Phenotype. **2023**, 2023, 1-8	0
40	Pathometagenomics reveals susceptibility to intestinal infection by Morganella to be mediated by the blood group-related B4galnt2 gene in wild mice. **2023**, 15,	0
39	Multiallelic Copy Number Variation in ORM1 is Associated with Plasma Cell-Free DNA Levels as an Intermediate Phenotype for Venous Thromboembolism.	0
38	Cytokine gene polymorphism and parasite susceptibility in free-living rodents: Importance of non-coding variants. **2023**, 18, e0258009	0
37	Genome Evolution and the Future of Phylogenomics of Non-Avian Reptiles. **2023**, 13, 471	0

36	Comparative phylogeography of Ponto-Caspian amphipods throughout the invaded Baltic and native NW Black Sea donor ranges □can introduction mode affect genetic diversity?.	0
35	Traditional taxonomy underestimates the number of species of Bokermannohyla (Amphibia: Anura: Hylidae) diverging in the mountains of southeastern Brazil since the Miocene. **2023**, 21,	0
34	An Efficient Exact Algorithm for Identifying Hybrids Using Population Genomic Sequences.	0
33	Contrasting patterns of population structure of Bulwer□s petrel (Bulweria bulwerii) between oceans revealed by statistical phylogeography. **2023**, 13,	0
32	An MPS-Based 50plex Microhaplotype Assay for Forensic DNA Analysis. **2023**, 14, 865	0
31	Systematically exploring the performance of a self-developed Multi-InDel system in forensic identification, ancestry inference and genetic structure analysis of Chinese Manchu and Mongolian groups. **2023**, 346, 111637	0
30	Development and evaluation of a novel panel containing 188 microhaplotypes for 2nd-degree kinship testing in the Hebei Han population. **2023**, 65, 102855	0
29	Characterization of genetic polymorphisms in Toll-like receptor 9 gene of Bos indicus Sahiwal cattle. **2017**, 87,	0
28	Disentangling morphology and genetics in two voles (Microtus pennsylvanicusandM. ochrogaster) in a region of sympatry.	0
27	Prevalence and founder effect of DRC1 exon 14 deletion in Korean patients with primary ciliary dyskinesia.	0
26	Comparative Genomic Analysis of the Thiolase Family and Functional Characterization of the Acetyl-Coenzyme A Acyltransferase-1 Gene for Milk Biosynthesis and Production of Buffalo and Cattle.	0
25	GermanIxodes inopinatussamples may not actually represent this tick species.	0
24	Evidence for Epistatic Interaction between HLA-G and LILRB1 in the Pathogenesis of Nonsegmental Vitiligo. **2023**, 12, 630	1
23	Do Deep Mitochondrial DNA Divergences within Intertidal Gastropods Reveal Phylogeographic Signals from Earlier Glacial Cycles?. **2023**, 15, 346	0
22	2022 William Allan Award introduction: Peter Donnelly. **2023**, 110, 402-403	0
21	2022 William Allan Award. **2023**, 110, 404-408	0
20	Genetic study reveals local differentiation persisting in the face of high connectivity and a genomic inversion likely linked with sexual antagonism in a common marine fish.	0
19	Large-Scale Polymorphism Analysis of Dog Leukocyte Antigen Class I and Class II Genes (DLA-88, DLA-12/88L and DLA-DRB1) and Comparison of the Haplotype Diversity between Breeds in Japan. **2023**, 12, 809	1

18	Climate Cycles, Habitat Stability, and Lineage Diversification in an African Biodiversity Hotspot. **2023**, 15, 394	0
17	Genetic diversity of the mantellid frog Blommersia blommersae, and description of a new anuran species from south-eastern Madagascar. 1-26	0
16	Association between Variants in the OCA2-HERC2 Region and Blue Eye Colour in HERC2 rs12913832 AA and AG Individuals. **2023**, 14, 698	0
15	Life cycle assessment of nanocomposite manufactured using ultrasonic stir casting. **2023**, 58, 5298-5318	0
14	Pharmacogenomic and Statistical Analysis. **2023**, 305-330	0
13	Impact of genetic polymorphisms on tacrolimus trough blood concentration in Chinese liver transplant recipients. **2023**, 24, 207-217	0
12	Population bottleneck associated with but likely preceded the recent evolution of self-fertilization in a coastal dune plant. **2023**, 77, 454-466	0
11	Overruled by nature: A plastic response to environmental change disconnects a gene and its trait.	0
10	A new, rare, small-ranged, and endangered mountain snake of the genus Elaphe from the Southern Levant. **2023**, 13,	0
9	Evaluating species boundaries using coalescent delimitation in pine-killing Monochamus (Coleoptera: Cerambycidae) sawyer beetles. **2023**, 107777	0
8	Complement lectin pathway activation is associated with COVID-19 disease severity, independent of MBL2 genotype subgroups. 14,	0
7	Large Region of Homozygous (ROH) Identified in Indian Patients with Autosomal Recessive Limb-Girdle Muscular Dystrophy with p.Thr182Pro Variant in SGCB Gene. **2023**, 2023, 1-10	0
6	Effects of Environmental Variation in Structuring Population Genetic Variation in the False-Water Cobras (Xenodontinae: Hydrodynastes).	0
5	Geographical subdivision of Alviniconcha snail populations in the Indian Ocean hydrothermal vent regions. 10,	0
4	Three New Gesneria Species (Gesneriaceae) Support Parc National Pic Macaya (Haiti) as an Important Biodiversity Hotspot. **2023**, 48, 34-43	0
3	Shedding light on variation in reproductive success through studies of population genetic structure in a Southeast Pacific Coast mussel.	0
2	Effect of pharmacokinetics and pharmacogenomics in adults with allogeneic hematopoietic cell transplantation conditioned with Busulfan.	0
1	Genetic breaks caused by ancient forest fragmentation: phylogeography of Staudtia kamerunensis (Myristicaceae) reveals distinct clusters in the Congo Basin. **2023**, 19,	0