

PREDICTING PROGRESSION TO ADVANCED AGE-RELATED MACULAR DEGENERATION USING A POLYGENIC SCORE

Field of the Invention

The present invention concerns methods for identifying individuals with intermediate
5 age-related macular degeneration (AMD) at greater risk of progression to advanced AMD, using
a polygenic score calculated based on the results of genome-wide gene association studies, using
thousands of single-nucleotide polymorphisms (SNPs).

Background of the Invention

Age-Related Macular Degeneration (AMD)

AMD is age-related degeneration of the macula, which is the leading cause of
irreversible visual dysfunction in individuals over the age of 60. Two types of AMD exist, non-
exudative (dry) and exudative (wet) AMD. The dry, or nonexudative, form involves atrophic and
hypertrophic changes in the retinal pigment epithelium (RPE) underlying the central retina
15 (macula) as well as deposits (drusen) on the RPE. Patients with nonexudative AMD can progress
to the wet, or exudative, form of AMD. As the disease progresses, drusen formed initially grow
in size and number. In advanced stages of AMD abnormal blood vessels called choroidal
neovascular membranes (CNVMs) develop under the retina, leak fluid and blood, and ultimately
cause a blinding disciform scar in and under the retina. Nonexudative AMD, which is usually a
20 precursor of exudative AMD, is more common.

Genomwide association studies

Parallel with sequencing the human genome, an international effort was undertaken with
the goal to develop a haplotype map of the human genome, the HapMap, which describes the
common patterns of human DNA sequence variation. The HapMap project started in 2002, and
25 its results have been make freely available to the public through periodic releases. In addition,
rapid improvements in genotyping techniques and analysis have enabled genomwide association
studies on large populations to identify genetic variations with significant population frequencies.
This, in turn, allowed the investigation of polygenic diseases and traits. Since then, genomwide
association studies have identified numerous genetic loci in which common genetic variants,
30 reproducibly associated with polygenic traits, occur. See, e.g. Altshuler et al., *Science* (2008),
322:881-8 (genetic mapping in human disease); Mohkle et al., *Hum Mol Genet* (2008) 17:R102-

R108 (common genetic variations associated with metabolic and cardiovascular diseases); Lettre et al., *Hum Mol Genet* (2008):17-R116-R121 (common genetic variations associated with autoimmune diseases); Purcell et al., *Nature* (2009) 460(7256):748-52 (common genetic variations associated with risk of schizophrenia and bipolar disorder); and Wei et al., *PLoS Genet.* (2009) 5(10):e1000678. Epub 2009 Oct 9 (Type 1 diabetes).

Johanna M. Seddon, M.D., Sc.M., of Tufts-New England Medical Center, Boston, and colleagues assessed whether certain genetic variants have prognostic importance for progression to advanced AMD and related visual loss, and reported their findings in Seddon et al., *JAMA* (2007) 297:1793-1800. The study included 1,466 white participants in the Age-Related Eye Disease Study (AREDS), a U.S. multicenter clinical trial conducted from 1990 to 2001 with an average follow-up time of 6.3 years. During the study, 281 participants progressed to advanced AMD in one or both eyes, which included: geographic atrophy (results in thinning and discoloration of the retina), exudative disease (the escape of fluid, cells, and cellular debris from blood vessels), or AMD causing visual loss. Based on genotyping analysis, common polymorphisms in the genes CFH and LOC387715 were identified as being independently related to AMD progression from early stages of AMD (drusen and pigment alterations) to advanced forms of AMD (geographic atrophy or neovascular AMD), which cause visual impairment or blindness. The researchers found that the genetic polymorphisms, CFH Y402H and LOC387715 A69S, were associated with progression to more advanced AMD, with the risk of progression being 2.6 times higher for CFH and 4.1 times higher for LOC387715 risk genotypes after controlling for other factors associated with AMD. The probability of progression was 48 percent for the highest-risk genotype vs. 5 percent for the low-risk genotypes. The presence of all adverse factors (both risk genotypes, smoking, and body mass index 25 or greater) increased risk 19-fold. Smoking and high body mass index increased odds of progression within each risk genotype.

The same group reported results of a later study investigating the joint effects of genetic, ocular, and environmental variables and predictive models for prevalence and incidence of AMD. (Seddon et al., *Investigative Ophthalmology & Visual Science* (2009) 50:2044-53. The authors found independent association of six genetic variants (CFH Y402H; CFH rs1410996; LOC387715 A69S (ARMS2); C2 E318D; CFB; C3 R102G) with both prevalence and incidence of advanced AMD. According to the authors, all of these variants except CFB were significantly related to progression to advanced AMD, after controlling for baseline AMD grade and other factors.

It is established that both genetic, demographic (e.g. age, gender) and environmental (e.g. smoking) factors contribute to the development and progression of AMD, where genetic factors including single nucleotide polymorphisms (SNPs), copy number variants (CNVs) and epigenetic variants, associated with DNA methylation or histone modification. However, the relative contributions of these factors, including contribution of each class of genetic variation to disease risk or progression is as of yet unknown. Accordingly, there is a need for better understanding and tools to predict the likelihood of developing AMD or, for patients already diagnosed with AMD, the risk that their condition will progress.

Summary of the Invention

The present invention is based, at least in part on the recognition that thousands of common genetic variants with modest effect sizes contribute to the progression of intermediate AMD to advanced AMD, and in aggregate, a polygenic score can explain and predict the risk of progression from intermediate AMD to advanced AMD.

In one aspect, the invention concerns a method for assessing a human subject's risk for developing advanced age-related macular degeneration (AMD), comprising determining in a biological sample from the subject the presence or absence of risk alleles of common allelic variants associated with AMD at a plurality of independent loci.

In one embodiment, the risk alleles assessed exclude complement rs10737680 and rs1329424 (complement factor H); rs2285714 (complement factor I); rs429608 and rs9380272 (complement C2), rs3793917 (HTRA1); and rs2230199 (complement C3).

In a particular embodiment, determination of the presence or absence of risk alleles is followed by calculating the polygenic score for the subject, wherein a high polygenic score indicates a higher risk for developing advanced AMD.

In various embodiments, the allelic frequency is determined at at least 20, or at least 50, or at least 100, or at least 200, or at least 500, or at least 750, or at least 1000, or at least 1500, or at least 2000, or at least 2500, or at least 3000, or at least 3,500, or at least 4,000, or at least 4,500, or at least 5,000, or at least 5,500, or at least 6,000, or at least 6,500, or at least 7,000, or at least 7,500, or at least 8,000, or at least 8,500, or at least 9,000, or at least 9,500, or at least 10,000 independent loci.

In another embodiment, the subject has been diagnosed with early stage AMD.

In yet another embodiment, the subject has been diagnosed with intermediate AMD.

In a further embodiment, the method further comprises assessing one or more aspects of the subject's personal history, such as, for example, one or more of age, ethnicity, body mass index, alcohol consumption history, smoking history, exercise history, diet, family history of
5 AMD or other age-related ocular condition, including the age of the relative at the time of their diagnosis, and a personal history of treatment of AMD.

In a still further embodiment, determining the presence of absence of risk allele is achieved by amplification of nucleic acid from said sample.

In various embodiments, amplification may comprise PCR, amplification may be located
10 on a chip, where primers for amplification are specific for alleles of the common genetic variants tested.

In a particular embodiment, the amplification comprises: (i) admixing an amplification primer or amplification primer pair with a nucleic acid template isolated from the biological sample, wherein the primer or primer pair is complementary or partially complementary to a
15 region proximal to or including the polymorphism, and is capable of initiating nucleic acid polymerization by a polymerase on the nucleic acid template; and, b) extending the primer or primer pair in a DNA polymerization reaction comprising a polymerase and the template nucleic acid to generate the amplicon.

The amplicon may, for example, be detected by a process that includes one or more of:
20 hybridizing the amplicon to an array, digesting the amplicon with a restriction enzyme, or real-time PCR analysis.

In another embodiment, the amplification comprises performing a polymerase chain reaction (PCR), reverse transcriptase PCR (RT-PCR), or ligase chain reaction (LCR) using
25 nucleic acid isolated from the organism or biological sample as a template in the PCR, RT-PCR, or LCR.

In yet another embodiment, the method may further comprises cleaving amplified nucleic acid.

A further embodiment, the biological sample is derived from a bodily fluid, such as saliva or blood.

In other embodiments, the method further comprises the step of making a decision on the timing and/or frequency of AMD diagnostic testing for the subject and/or on the timing and/or frequency of AMD treatment for the subject.

5 In a further embodiment, the method further comprises the step of subjecting the subject identified as having an increased risk of developing advanced AMD to AMD treatment, where the treatment may, for example, comprise administration of a medicament selected from the group consisting of anti-factor D antibodies, anti-VEGF antibodies, CRIG, and CRIG-Ig fusion.

10 In a still further embodiment, the method comprises determination of the presence or absence of risk alleles for all single nucleotide polymorphisms set forth in Table S1, and the polygenic score is calculated based on such determination.

In another embodiment, the method further comprises the step of recording the results of said determination on a computer readable medium.

In yet another embodiment, the results are communicated to the subject or the subject's physician and/or are recorded in the form of a report.

15 In another aspect, the invention concerns a report comprising the results of the methods herein.

Brief Description of the Drawings

20 The file of this patent contains at least one drawing executed in color. Copies of this patent or patent publication with color drawing(s) will be provided by the Office upon request and payment of the necessary fee

Figure 1: Known AMD risk genes power to predict progression.

Figure 2: Polygenic score identifies individuals a higher risk of progression to advanced AMD.

25 Figure 3: Polygenic score identifies individuals at higher risk of progression to advanced AMD independent of baseline clinical score.

Table S1: List of 10,617 SNPs. CHR = chromosome; SNP = SNP ID; BP = physical position (base-pairs); A1= first (minor) allele code; F_A - allele 1 frequency in cases; F_U: allele frequency in control cases; A2 = second (major) allele code; CHISQ = CHI Square Value;

P = p value (significance value of case/control association test); OR = Odds Ratio for the association to AMD risk. In some cases the minor allele is associated with risk (OR >1) and in some cases the major allele is associated with AMD risk (OR <1).

Detailed Description of the Invention

I. Definitions

When trade names are used herein, applicants intend to independently include the trade name product formulation, the generic drug, and the active pharmaceutical ingredient(s) of the trade name product.

Unless stated otherwise, the following terms and phrases as used herein are intended to have the following meanings:

The term "complement-associated eye condition" is used in the broadest sense and includes all eye conditions the pathology of which involves complement, including the classical and the alternative pathways, and in particular the alternative pathway of complement. Complement-associated eye conditions include, without limitation, macular degenerative diseases, such as all stages of age-related macular degeneration (AMD), including dry and wet (non-exudative and exudative) forms, choroidal neovascularization (CNV), uveitis, diabetic and other ischemia-related retinopathies, and other intraocular neovascular diseases, such as diabetic macular edema, pathological myopia, von Hippel-Lindau disease, histoplasmosis of the eye, Central Retinal Vein Occlusion (CRVO), corneal neovascularization, and retinal neovascularization. A preferred group of complement-associated eye conditions includes age-related macular degeneration (AMD), including non-exudative (wet) and exudative (dry or atrophic) AMD, choroidal neovascularization (CNV), diabetic retinopathy (DR), and endophthalmitis.

The term "age-related macular degeneration" or "AMD" is used herein to encompass all stages of AMD, including Category 2 (early stage), Category 3 (intermediate) and Category 4 (advanced) AMD.

"Treatment" is an intervention performed with the intention of preventing the development or altering the pathology of a disorder. Accordingly, "treatment" refers to both therapeutic treatment and prophylactic or preventative measures. Those in need of treatment include those already with the disorder as well as those in which the disorder is to be prevented. In treatment of complement-associated eye conditions, such as AMD, a therapeutic agent may

directly beneficially alter the magnitude, severity, progression, or symptoms of the disease, or render the disease more susceptible to treatment by other therapeutic agents.

The "pathology" of a disease, such as a complement-associated eye condition, including AMD, includes all phenomena that compromise the well-being of the patient. This includes, without limitation, morphological correlates with various stages of the disease, such as the presence, number and size of drusen in one or both eyes, accumulating basal laminar deposits (BLamD) and basal linear deposits (BLinD), pigmentary changes, geographic atrophy (GA) and retinal pigment epithelium (RPE) changes, a break-down of light-sensitive cells and supporting tissue in the central retinal area (advanced dry form), or abnormal and fragile blood vessels under the retina (wet form); physiological changes, such as impaired vision, partial or complete loss of vision.

The term "mammal" as used herein refers to any animal classified as a mammal, including, without limitation, humans, higher primates, domestic and farm animals, and zoo, sports or pet animals such horses, pigs, cattle, dogs, cats and ferrets, etc. In a preferred embodiment of the invention, the mammal is a human or another higher primate.

Administration "in combination with" one or more further therapeutic agents includes simultaneous (concurrent) and consecutive administration in any order.

A "phenotype" is a trait or collection of traits that is/are observable in an individual or population. The trait can be quantitative (a quantitative trait, or QTL) or qualitative. For example, susceptibility to AMD is a phenotype that can be monitored according to the methods, compositions, kits and systems herein.

An "AMD susceptibility phenotype" is a phenotype that displays a predisposition towards developing AMD in an individual. A phenotype that displays a predisposition for AMD, can, for example, show a higher likelihood that the AMD will develop in an individual with the phenotype than in members of a relevant general population under a given set of environmental conditions (diet, physical activity regime, geographic location, etc.).

"Ethnicity" may be based on self-identification (self-reported), but we preferably is based on the use of the genome-wide SNP data to determine how related samples are, and comparison of the samples to reference populations from the Human HapMap project to assign ethnicity. The populations included in the HapMap are Yoruba in Ibadan, Nigeria (abbreviation: YRI); Japanese in Tokyo, Japan (abbreviation: JPT); Han Chinese in Beijing, China (abbreviation:

CHB); and CEPH (Centre d'Etude du Polymorphisme Humain) (Utah residents with ancestry from northern and western Europe) (abbreviation: CEU). The principal components approaches use genotype data to estimate axes of variation that can be interpreted as describing continuous ancestral heterogeneity within a group of individuals. These axes of variation are defined as the top eigenvectors of a covariance matrix between individuals in the study population. Then, the association between genotypes and phenotypes can be adjusted for the association attributable to ancestry along each axis. Typically samples that are significant outliers (relative to the population of interest) are excluded from the analysis to control for population stratification. Specifically, genotypes from across the genome are used to calculate eigenvectors (a form of principal components analysis, PCA), samples are then analyzed based on the primary eigenvectors. Extreme outliers ($\sigma > 6$) are removed, and association results are corrected using the first 5 eigenvectors as covariates. See also, Price, A.L. *et al.* Principal components analysis corrects for stratification in genome-wide association studies. *Nat. Genet.* **38**, 904–909 (2006), and the Example.

A "polymorphism" is a locus that is variable; that is, within a population, the nucleotide sequence at a polymorphism has more than one version or allele.

The term "allele" refers to one of two or more different nucleotide sequences that occur or are encoded at a specific locus, or two or more different polypeptide sequences encoded by such a locus. For example, a first allele can occur on one chromosome, while a second allele occurs on a second homologous chromosome, e.g., as occurs for different chromosomes of a heterozygous individual, or between different homozygous or heterozygous individuals in a population. One example of a polymorphism is a "single nucleotide polymorphism" (SNP), which is a polymorphism at a single nucleotide position in a genome (the nucleotide at the specified position varies between individuals or populations).

An allele "positively" correlates with a trait when it is linked to it and when presence of the allele is an indicator that the trait or trait form will occur in an individual comprising the allele. An allele negatively correlates with a trait when it is linked to it and when presence of the allele is an indicator that a trait or trait form will not occur in an individual comprising the allele.

A marker polymorphism or allele is "correlated" or "associated" with a specified phenotype (e.g. AMD susceptibility, etc.) when it can be statistically linked (positively or negatively) to the phenotype. That is, the specified polymorphism occurs more commonly in a case population (e.g., AMD patients) than in a control population (e.g., individuals that do not

have breast cancer). This correlation is often inferred as being causal in nature, but it need not be--simple genetic linkage to (association with) a locus for a trait that underlies the phenotype is sufficient for correlation/association to occur.

A "favorable allele" is an allele at a particular locus that positively correlates with a desirable phenotype, e.g., resistance to AMD, e.g., an allele that negatively correlates with predisposition to AMD. A favorable allele of a linked marker is a marker allele that segregates with the favorable allele. A favorable allelic form of a chromosome segment is a chromosome segment that includes a nucleotide sequence that positively correlates with the desired phenotype, or that negatively correlates with the unfavorable phenotype at one or more genetic loci physically located on the chromosome segment.

An "unfavorable allele" is an allele at a particular locus that negatively correlates with a desirable phenotype, or that correlates positively with an undesirable phenotype, e.g., positive correlation to breast cancer susceptibility. An unfavorable allele of a linked marker is a marker allele that segregates with the unfavorable allele. An unfavorable allelic form of a chromosome segment is a chromosome segment that includes a nucleotide sequence that negatively correlates with the desired phenotype, or positively correlates with the undesirable phenotype at one or more genetic loci physically located on the chromosome segment.

A "risk allele" is an allele that positively correlates with the risk of developing a disease or condition, such as AMD, i.e. indicates that an individual has an increased likelihood to develop AMD, or, progress to a more advanced stage of AMD.

The "polygenic score" is used to define an individual's risk of developing a disease or progressing to a more advanced stage of a disease, based on a large number, typically thousands, of common genetic variants each of which might have modest individual effect sizes contribute to the disease or its progression, but in aggregate have significant predicting value. In the present case, the polygenic score used to predict the likelihood that a patient will progress to advanced AMD using common single nucleotide polymorphisms (SNPs) associated with AMD. The log of the odds ratio (OR) from every variant reaching a $P < 0.1$ in the discovery dataset is used to calculate the polygenic score. Specifically, for each of the 10,617 variants used in the score, the log of the Odds Ratio is multiplied times the number of reference alleles (0, 1 or 2) carried by the individual. The resulting sum is divided by the number of variants tested in each individual, resulting the final polygenic score. According to the present invention, "high polygenic score" is used to refer to a polygenic score $> .0001$, "low polygenic score" is used to

refer to a polygenic score $<.0001$, and polygenic scores between these two thresholds are defined as "medium polygenic scores."

"Allele frequency" refers to the frequency (proportion or percentage) at which an allele is present at a locus within an individual, within a line, or within a population of lines. For example, for an allele "A," diploid individuals of genotype "AA," "Aa," or "aa" may have allele frequencies of 2, 1, or 0, respectively. One can estimate the allele frequency within a line or population (e.g., cases or controls) by averaging the allele frequencies of a sample of individuals from that line or population. Similarly, one can calculate the allele frequency within a population of lines by averaging the allele frequencies of lines that make up the population.

An individual is "homozygous" if the individual has only one type of allele at a given locus (e.g., a diploid individual has a copy of the same allele at a locus for each of two homologous chromosomes). An individual is "heterozygous" if more than one allele type is present at a given locus (e.g., a diploid individual with one copy each of two different alleles). The term "homogeneity" indicates that members of a group have the same genotype at one or more specific loci. In contrast, the term "heterogeneity" is used to indicate that individuals within the group differ in genotype at one or more specific loci.

A "locus" is a chromosomal position or region. For example, a polymorphic locus is a position or region where a polymorphic nucleic acid, trait determinant, gene or marker is located. In a further example, a "gene locus" is a specific chromosome location (region) in the genome of a species where a specific gene can be found. Similarly, the term "quantitative trait locus" or "QTL" refers to a locus with at least two alleles that differentially affect the expression or alter the variation of a quantitative or continuous phenotypic trait in at least one genetic background, e.g., in at least one population or progeny.

A "marker," "molecular marker" or "marker nucleic acid" refers to a nucleotide sequence or encoded product thereof (e.g., a protein) used as a point of reference when identifying a locus or a linked locus. A marker can be derived from genomic nucleotide sequence or from expressed nucleotide sequences (e.g., from an RNA, nRNA, mRNA, a cDNA, etc.), or from an encoded polypeptide. The term also refers to nucleic acid sequences complementary to or flanking the marker sequences, such as nucleic acids used as probes or primer pairs capable of amplifying the marker sequence.

A "marker probe" is a nucleic acid sequence or molecule that can be used to identify the presence of a marker locus, e.g., a nucleic acid probe that is complementary to a marker locus sequence. Nucleic acids are "complementary" when they specifically hybridize in solution, e.g., according to Watson-Crick base pairing rules.

5 A "marker locus" is a locus that can be used to track the presence of a second linked locus, e.g., a linked or correlated locus that encodes or contributes to the population variation of a phenotypic trait. For example, a marker locus can be used to monitor segregation of alleles at a locus, such as a QTL, that are genetically or physically linked to the marker locus. Thus, a "marker allele," alternatively an "allele of a marker locus" is one of a plurality of polymorphic
10 nucleotide sequences found at a marker locus in a population that is polymorphic for the marker locus. In one aspect, the present invention provides marker loci correlating with a phenotype of interest, e.g., a phenotype increasing the likelihood that an individual with intermediate AMD will progress to advanced AMD. Markers corresponding to genetic polymorphisms between members of a population can be detected by methods well-established in the art. These include,
15 e.g., PCR-based sequence specific amplification methods, detection of restriction fragment length polymorphisms (RFLP), detection of isozyme markers, detection of allele specific hybridization (ASH), detection of single nucleotide extension, detection of amplified variable sequences of the genome, detection of self-sustained sequence replication, detection of simple sequence repeats (SSRs), detection of single nucleotide polymorphisms (SNPs), or detection of
20 amplified fragment length polymorphisms (AFLPs).

A "genotype" is the genetic constitution of an individual (or group of individuals) at one or more genetic loci. Genotype is defined by the allele(s) of one or more known loci of the individual, typically, the compilation of alleles inherited from its parents. A "haplotype" is the genotype of an individual at a plurality of genetic loci on a single DNA strand. Typically, the
25 genetic loci described by a haplotype are physically and genetically linked, i.e., on the same chromosome strand.

A "set" of markers or probes refers to a collection or group of markers or probes, or the data derived therefrom, used for a common purpose, e.g., identifying an individual with a specified phenotype (e.g., AMD susceptibility, or susceptibility to develop advanced AMD).
30 Frequently, data corresponding to the markers or probes, or derived from their use, is stored in an electronic medium. While each of the members of a set possess utility with respect to the specified purpose, individual markers selected from the set as well as subsets including some, but not all of the markers, are also effective in achieving the specified purpose.

A "computer readable medium" is an information storage medium that can be accessed by a computer using an available or custom interface. Examples include memory (e.g., ROM or RAM, flash memory, etc.), optical storage media (e.g., CD-ROM), magnetic storage media (e.g., computer hard drives, floppy disks, etc.), punch cards, and many others that are available and
5 know to those skilled in the art. Information can be transmitted between a system of interest and the computer, or to or from the computer to or from the computer readable medium for storage or access of stored information. This transmission can be an electrical transmission, or can be made by other available methods, such as an IR link, a wireless connection, or the like.

The terms "factor D" and "complement factor D" are used interchangeably, and refer to
10 native sequence and variant factor D polypeptides.

A "native sequence" factor D, is a polypeptide having the same amino acid sequence as a factor D polypeptide derived from nature, regardless of its mode of preparation. Thus, native sequence factor D can be isolated from nature or can be produced by recombinant and/or synthetic means. In addition to a mature factor D protein, such as a mature human factor D
15 protein, the term "native sequence factor D", specifically encompasses naturally-occurring precursor forms of factor D (e.g., an inactive preprotein, which is proteolytically cleaved to produce the active form), naturally-occurring variant forms (e.g., alternatively spliced forms) and naturally-occurring allelic variants of factor D, as well as structural conformational variants of factor D molecules having the same amino acid sequence as a factor D polypeptide derived
20 from nature. factor D polypeptides of non-human animals, including higher primates and non-human mammals, are specifically included within this definition.

"factor D variant" or "complement factor D variant" means an active factor D polypeptide as defined below having at least about 80% amino acid sequence identity to a native sequence factor D polypeptide. Ordinarily, a factor D variant will have at least about 80% amino
25 acid sequence identity, or at least about 85% amino acid sequence identity, or at least about 90% amino acid sequence identity, or at least about 95% amino acid sequence identity, or at least about 98% amino acid sequence identity, or at least about 99% amino acid sequence identity with the mature factor D polypeptide. Preferably, the highest degree of sequence identity occurs within the active site of factor D.

The "active site" of factor D is defined by His-57, Asp-102, and Ser-195
30 (chymotrypsinogen numbering) in the human factor D sequence. factor D has Asp189 (chymotrypsin numbering) at the bottom of the primary specificity pocket and cleaves an Arg

peptide bond. The catalytic triad consists of His-57, Asp-102 and Ser-195. Asp-102 and His57 display atypical conformations compared with other serine proteases (Narayana et al., *J. Mol. Biol.* 235 (1994), 695-708). A unique salt bridge is observed between Asp189 and Arg218 at the bottom of the S1 pocket which elevated loop 214-218 and generated a deep and narrow 1 pocket
5 (Jing et al., *J. Mol. Biol.* 282 (1998) 1061-1081). This loop and several other residues around the active site were shown by mutational analysis to be the key structural determinants of the factor D esterolytic activity (Kim et al., *J. Biol. Chem.* 270 (1995) 24399-24405). Based on these results, it was proposed that factor D may undergo a conformational change upon binding C3b-bound factor B, resulting in the expression of proteolytic activity (Volanakis and Narayana,
10 *Protein Sci.* 5 (1996) 553-564).

The term "VEGF" or "VEGF" as used herein refers to the 165-amino acid human vascular endothelial cell growth factor and related 121-, 189-, and 206-amino acid human vascular endothelial cell growth factors, as described by Leung et al. *Science*, 246:1306 (1989), and Houck et al. *Mol. Endocrin.*, 5:1806 (1991), together with the naturally occurring allelic and
15 processed forms thereof. The term "VEGF" also refers to VEGFs from non-human species such as mouse, rat or primate. Sometimes the VEGF from a specific species are indicated by terms such as hVEGF for human VEGF, mVEGF for murine VEGF, and etc. The term "VEGF" is also used to refer to truncated forms of the polypeptide comprising amino acids 8 to 109 or 1 to 109 of the 165-amino acid human vascular endothelial cell growth factor. Reference to any such
20 forms of VEGF may be identified in the present application, e.g., by "VEGF (8-109)," "VEGF (1-109)" or "VEGF.sub.165." The amino acid positions for a "truncated" native VEGF are numbered as indicated in the native VEGF sequence. For example, amino acid position 17 (methionine) in truncated native VEGF is also position 17 (methionine) in native VEGF. The truncated native VEGF has binding affinity for the KDR and Flt-1 receptors comparable to
25 native VEGF.

The term "VEGF variant" as used herein refers to a VEGF polypeptide which includes one or more amino acid mutations in the native VEGF sequence. Optionally, the one or more amino acid mutations include amino acid substitution(s). For purposes of shorthand designation of VEGF variants described herein, it is noted that numbers refer to the amino acid residue
30 position along the amino acid sequence of the putative native VEGF (provided in Leung et al., supra and Houck et al., supra.).

"Percent (%) amino acid sequence identity" is defined as the percentage of amino acid residues in a candidate sequence that are identical with the amino acid residues in a reference

factor D sequence, after aligning the sequences and introducing gaps, if necessary, to achieve the maximum percent sequence identity, and not considering any conservative substitutions as part of the sequence identity. Alignment for purposes of determining percent amino acid sequence identity can be achieved in various ways that are within the skill in the art, for instance, using publicly available computer software such as BLAST, BLAST-2, ALIGN or Megalign (DNASTAR) software. Those skilled in the art can determine appropriate parameters for measuring alignment, including any algorithms needed to achieve maximal alignment over the full length of the sequences being compared. Sequence identity is then calculated relative to the longer sequence, i.e. even if a shorter sequence shows 100% sequence identity with a portion of a longer sequence, the overall sequence identity will be less than 100%.

"Percent (%) nucleic acid sequence identity" is defined as the percentage of nucleotides in a candidate sequence that are identical with the nucleotides in a reference factor D-encoding sequence, after aligning the sequences and introducing gaps, if necessary, to achieve the maximum percent sequence identity. Alignment for purposes of determining percent nucleic acid sequence identity can be achieved in various ways that are within the skill in the art, for instance, using publicly available computer software such as BLAST, BLAST-2, ALIGN or Megalign (DNASTAR) software. Those skilled in the art can determine appropriate parameters for measuring alignment, including any algorithms needed to achieve maximal alignment over the full length of the sequences being compared. Sequence identity is then calculated relative to the longer sequence, i.e. even if a shorter sequence shows 100% sequence identity with a portion of a longer sequence, the overall sequence identity will be less than 100%.

An "isolated" nucleic acid molecule is a nucleic acid molecule that is identified and separated from at least one contaminant nucleic acid molecule with which it is ordinarily associated in the natural source of the nucleic acid. An isolated nucleic acid molecule is other than in the form or setting in which it is found in nature. Isolated nucleic acid molecules therefore are distinguished from the nucleic acid molecule as it exists in natural cells. However, an isolated nucleic acid molecule includes nucleic acid molecules contained in cells that ordinarily express an encoded polypeptide where, for example, the nucleic acid molecule is in a chromosomal location different from that of natural cells.

An "isolated" factor D polypeptide-encoding nucleic acid molecule is a nucleic acid molecule that is identified and separated from at least one contaminant nucleic acid molecule with which it is ordinarily associated in the natural source of the factor D-encoding nucleic acid. An isolated factor D polypeptide-encoding nucleic acid molecule is other than in the form or

setting in which it is found in nature. Isolated factor D polypeptide-encoding nucleic acid molecules therefore are distinguished from the encoding nucleic acid molecule(s) as they exist in natural cells. However, an isolated factor D-encoding nucleic acid molecule includes factor D-encoding nucleic acid molecules contained in cells that ordinarily express factor D where, for example, the nucleic acid molecule is in a chromosomal location different from that of natural cells.

The term "antagonist" is used in the broadest sense, and includes any molecule that is capable of neutralizing, blocking, partially or fully inhibiting, abrogating, reducing or interfering with a factor D biological activity. factor D antagonists include, without limitation, anti-factor D antibodies and antigen-binding fragments thereof, other binding polypeptides, peptides, and non-peptide small molecules, that bind to factor D and are capable of neutralizing, blocking, partially or fully inhibiting, abrogating, reducing or interfering with factor D activities, such as the ability to factor D to participate in the pathology of a complement-associated eye condition, in particular AMD.

A "small molecule" is defined herein to have a molecular weight below about 600, preferably below about 1000 daltons.

"Active" or "activity" or "biological activity" in the context of a factor D antagonist is the ability to antagonize (partially or fully inhibit) a biological activity of factor D. A preferred biological activity of a factor D antagonist is the ability to achieve a measurable improvement in the state, e.g. pathology, of a factor D-associated disease or condition, such as, for example, a complement-associated eye condition, in particular AMD. The activity can be determined in *in vitro* or *in vivo* tests, including binding assays, using a relevant animal model, or human clinical trials.

The term "antibody" is used in the broadest sense and specifically covers, without limitation, single monoclonal antibodies (including agonist, antagonist, and neutralizing antibodies) and antibody compositions with polypeptidic specificity. The term "monoclonal antibody" as used herein refers to an antibody obtained from a population of substantially homogeneous antibodies, i.e., the individual antibodies comprising the population are identical except for possible naturally-occurring mutations that may be present in minor amounts.

The term "monoclonal antibody" as used herein refers to an antibody obtained from a population of substantially homogeneous antibodies, i.e., the individual antibodies comprising

the population are identical except for possible naturally occurring mutations that may be present in minor amounts. Monoclonal antibodies are highly specific, being directed against a single antigenic site. Furthermore, in contrast to conventional (polyclonal) antibody preparations which typically include different antibodies directed against different determinants (epitopes), each
5 monoclonal antibody is directed against a single determinant on the antigen. The modifier "monoclonal" indicates the character of the antibody as being obtained from a substantially homogeneous population of antibodies, and is not to be construed as requiring production of the antibody by any particular method. For example, the monoclonal antibodies to be used in accordance with the present invention may be made by the hybridoma method first described by
10 Kohler et al. (1975) *Nature* 256:495, or may be made by recombinant DNA methods (see, e.g., U.S. Pat. No. 4,816,567). The "monoclonal antibodies" may also be isolated from phage antibody libraries using the techniques described in Clackson et al. (1991) *Nature* 352:624-628 and Marks et al. (1991) *J. Mol. Biol.* 222:581-597, for example.

The monoclonal antibodies herein specifically include "chimeric" antibodies
15 (immunoglobulins) in which a portion of the heavy and/or light chain is identical with or homologous to corresponding sequences in antibodies derived from a particular species or belonging to a particular antibody class or subclass, while the remainder of the chain(s) is identical with or homologous to corresponding sequences in antibodies derived from another species or belonging to another antibody class or subclass, as well as fragments of such
20 antibodies, so long as they exhibit the desired biological activity (U.S. Pat. No. 4,816,567; and Morrison et al. (1984) *Proc. Natl. Acad. Sci. USA* 81:6851-6855).

"Humanized" forms of non-human (e.g., murine) antibodies are chimeric antibodies which contain minimal sequence derived from non-human immunoglobulin. For the most part, humanized antibodies are human immunoglobulins (recipient antibody) in which residues from a
25 hypervariable region of the recipient are replaced by residues from a hypervariable region of a non-human species (donor antibody) such as mouse, rat, rabbit or nonhuman primate having the desired specificity, affinity, and capacity. In some instances, Fv framework region (FR) residues of the human immunoglobulin are replaced by corresponding non-human residues. Furthermore, humanized antibodies may comprise residues which are not found in the recipient antibody or in
30 the donor antibody. These modifications are made to further refine antibody performance. In general, the humanized antibody will comprise substantially all of at least one, and typically two, variable domains, in which all or substantially all of the hypervariable loops correspond to those of a non-human immunoglobulin and all or substantially all of the FR regions are those of a

human immunoglobulin sequence. The humanized antibody optionally also will comprise at least a portion of an immunoglobulin constant region (Fc), typically that of a human immunoglobulin. For further details, see Jones et al. (1986) Nature 321:522-525; Riechmann et al. (1988) Nature 332:323-329; and Presta (1992) Curr. Op. Struct. Biol. 2:593-596.

5 A "species-dependent antibody" is one which has a stronger binding affinity for an antigen from a first mammalian species than it has for a homologue of that antigen from a second mammalian species. Normally, the species-dependent antibody "binds specifically" to a human antigen (i.e. has a binding affinity (K_d) value of no more than about 1×10^{-7} M, preferably no more than about 1×10^{-8} M and most preferably no more than about 1×10^{-9} M) but has a binding affinity for a homologue of the antigen from a second nonhuman mammalian species which is at least about 50 fold, or at least about 500 fold, or at least about 1000 fold, weaker than its binding affinity for the human antigen. The species-dependent antibody can be any of the various types of antibodies as defined above, but preferably is a humanized or human antibody.

15 As used herein, "antibody mutant" or "antibody variant" refers to an amino acid sequence variant of the antibody wherein one or more of the amino acid residues of the antibody have been modified. Such mutants necessarily have less than 100% sequence identity or similarity with the reference antibody. In a preferred embodiment, the antibody mutant will have an amino acid sequence having at least 75% amino acid sequence identity or similarity with the amino acid sequence of either the heavy or light chain variable domain of the reference antibody, more preferably at least 80%, more preferably at least 85%, more preferably at least 90%, and most preferably at least 95%. Identity or similarity with respect to this sequence is defined herein as the percentage of amino acid residues in the candidate sequence that are identical (i.e. same residue) or similar (i.e. amino acid residue from the same group based on common side-chain properties) with the reference antibody residues, after aligning the sequences and introducing gaps, if necessary, to achieve the maximum percent sequence identity. None of N-terminal, C-terminal, or internal extensions, deletions, or insertions into the antibody sequence outside of the variable domain shall be construed as affecting sequence identity or similarity.

30 An "isolated" antibody is one which has been identified and separated and/or recovered from a component of its natural environment. Contaminant components of its natural environment are materials which would interfere with diagnostic or therapeutic uses for the antibody, and may include enzymes, hormones, and other proteinaceous or nonproteinaceous solutes. In preferred embodiments, the antibody will be purified (1) to greater than 95% by

weight of antibody as determined by the Lowry method, and most preferably more than 99% by weight, (2) to a degree sufficient to obtain at least 15 residues of N-terminal or internal amino acid sequence by use of a spinning cup sequenator, or (3) to homogeneity by SDS-PAGE under reducing or nonreducing conditions using Coomassie blue or, preferably, silver stain. Isolated antibody includes the antibody in situ within recombinant cells since at least one component of the antibody's natural environment will not be present. Ordinarily, however, isolated antibody will be prepared by at least one purification step.

As used herein, "antibody variable domain" refers to the portions of the light and heavy chains of antibody molecules that include amino acid sequences of Complementarity Determining Regions (CDRs; ie., CDR1, CDR2, and CDR3), and Framework Regions (FRs). V_H refers to the variable domain of the heavy chain. V_L refers to the variable domain of the light chain. According to the methods used in this invention, the amino acid positions assigned to CDRs and FRs may be defined according to Kabat (Sequences of Proteins of Immunological Interest (National Institutes of Health, Bethesda, Md., 1987 and 1991)). Amino acid numbering of antibodies or antigen binding fragments is also according to that of Kabat.

As used herein, the term "Complementarity Determining Regions (CDRs; ie., CDR1, CDR2, and CDR3) refers to the amino acid residues of an antibody variable domain the presence of which are necessary for antigen binding. Each variable domain typically has three CDR regions identified as CDR1, CDR2 and CDR3. Each complementarity determining region may comprise amino acid residues from a "complementarity determining region" as defined by Kabat (i.e. about residues 24-34 (L1), 50-56 (L2) and 89-97 (L3) in the light chain variable domain and 31-35 (H1), 50-65 (H2) and 95-102 (H3) in the heavy chain variable domain; Kabat et al., Sequences of Proteins of Immunological Interest, 5th Ed. Public Health Service, National Institutes of Health, Bethesda, Md. (1991)) and/or those residues from a "hypervariable loop" (i.e. about residues 26-32 (L1), 50-52 (L2) and 91-96 (L3) in the light chain variable domain and 26-32 (H1), 53-55 (H2) and 96-101 (H3) in the heavy chain variable domain; Chothia and Lesk (1987) J. Mol. Biol. 196:901-917). In some instances, a complementarity determining region can include amino acids from both a CDR region defined according to Kabat and a hypervariable loop. For example, the CDRH1 of the heavy chain of antibody 4D5 includes amino acids 26 to 35.

"Framework regions" (hereinafter FR) are those variable domain residues other than the CDR residues. Each variable domain typically has four FRs identified as FR1, FR2, FR3 and FR4. If the CDRs are defined according to Kabat, the light chain FR residues are positioned at

about residues 1-23 (LCFR1), 35-49 (LCFR2), 57-88 (LCFR3), and 98-107 (LCFR4) and the heavy chain FR residues are positioned about at residues 1-30 (HCFR1), 36-49 (HCFR2), 66-94 (HCFR3), and 103-113 (HCFR4) in the heavy chain residues. If the CDRs comprise amino acid residues from hypervariable loops, the light chain FR residues are positioned about at residues 1-25 (LCFR1), 33-49 (LCFR2), 53-90 (LCFR3), and 97-107 (LCFR4) in the light chain and the heavy chain FR residues are positioned about at residues 1-25 (HCFR1), 33-52 (HCFR2), 56-95 (HCFR3), and 102-113 (HCFR4) in the heavy chain residues. In some instances, when the CDR comprises amino acids from both a CDR as defined by Kabat and those of a hypervariable loop, the FR residues will be adjusted accordingly. For example, when CDRH1 includes amino acids H26-H35, the heavy chain FR1 residues are at positions 1-25 and the FR2 residues are at positions 36-49.

As used herein, "codon set" refers to a set of different nucleotide triplet sequences used to encode desired variant amino acids. A set of oligonucleotides can be synthesized, for example, by solid phase synthesis, including sequences that represent all possible combinations of nucleotide triplets provided by the codon set and that will encode the desired group of amino acids. A standard form of codon designation is that of the IUB code, which is known in the art and described herein. A codon set typically is represented by 3 capital letters in italics, eg. NNK, NNS, XYZ, DVK and the like. A "non-random codon set", as used herein, thus refers to a codon set that encodes select amino acids that fulfill partially, preferably completely, the criteria for amino acid selection as described herein. Synthesis of oligonucleotides with selected nucleotide "degeneracy" at certain positions is well known in that art, for example the TRIM approach (Knappek et al. (1999) J. Mol. Biol. 296:57-86); Garrard & Henner (1993) Gene 128:103). Such sets of oligonucleotides having certain codon sets can be synthesized using commercial nucleic acid synthesizers (available from, for example, Applied Biosystems, Foster City, Calif.), or can be obtained commercially (for example, from Life Technologies, Rockville, Md.). Therefore, a set of oligonucleotides synthesized having a particular codon set will typically include a plurality of oligonucleotides with different sequences, the differences established by the codon set within the overall sequence. Oligonucleotides, as used according to the invention, have sequences that allow for hybridization to a variable domain nucleic acid template and also can, but does not necessarily, include restriction enzyme sites useful for, for example, cloning purposes.

The term "antibody fragment" is used herein in the broadest sense and includes, without limitation, Fab, Fab', F(ab')₂, scFv, (scFv)₂, dAb, and complementarity determining region

(CDR) fragments, linear antibodies, single-chain antibody molecules, minibodies, diabodies, and multispecific antibodies formed from antibody fragments.

An "Fv" fragment is an antibody fragment which contains a complete antigen recognition and binding site. This region consists of a dimer of one heavy and one light chain variable domain in tight association, which can be covalent in nature, for example in scFv. It is in this configuration that the three CDRs of each variable domain interact to define an antigen binding site on the surface of the V_H - V_L dimer. Collectively, the six CDRs or a subset thereof confer antigen binding specificity to the antibody. However, even a single variable domain (or half of an Fv comprising only three CDRs specific for an antigen) has the ability to recognize and bind antigen, although usually at a lower affinity than the entire binding site.

The "Fab" fragment contains a variable and constant domain of the light chain and a variable domain and the first constant domain (CH1) of the heavy chain. $F(ab')_2$ antibody fragments comprise a pair of Fab fragments which are generally covalently linked near their carboxy termini by hinge cysteines between them. Other chemical couplings of antibody fragments are also known in the art.

"Single-chain Fv" or "scFv" antibody fragments comprise the V_H and V_L domains of antibody, wherein these domains are present in a single polypeptide chain. Generally the Fv polypeptide further comprises a polypeptide linker between the V_H and V_L domains, which enables the scFv to form the desired structure for antigen binding. For a review of scFv, see Pluckthun in *The Pharmacology of Monoclonal Antibodies*, Vol 113, Rosenberg and Moore eds. Springer-Verlag, New York, pp. 269-315 (1994).

The term "diabodies" refers to small antibody fragments with two antigen-binding sites, which fragments comprise a heavy chain variable domain (V_{H}) connected to a light chain variable domain (V_L) in the same polypeptide chain (V_H and V_L). By using a linker that is too short to allow pairing between the two domains on the same chain, the domains are forced to pair with the complementary domains of another chain and create two antigen-binding sites. Diabodies are described more fully in, for example, EP 404,097; WO 93/11161; and Hollinger et al. (1993) *Proc. Natl. Acad. Sci. USA* 90:6444-6448.

The expression "linear antibodies" refers to the antibodies described in Zapata et al. (1995 *Protein Eng.* 8(10):1057-1062). Briefly, these antibodies comprise a pair of tandem Fd

segments ($V_H-C_{H1}-V_H-C_{H1}$) which, together with complementary light chain polypeptides, form a pair of antigen binding regions. Linear antibodies can be bispecific or monospecific.

II. Detailed Description

Age-Related Macular Degeneration (AMD)

5 Age-Related Macular Degeneration (AMD) is a slowly progressive degenerative disease that culminates in loss of central vision. Depending on the seriousness of the disease, AMD can be classified into four categories, which have the characteristics listing in the following Table 1.

Table 1

Category 1	Category 2	Category 3	Category 4
<i>No AMD</i>	<i>Early Stage AMD</i>	<i>Intermediate AMD</i>	<i>Advanced AMD</i>
A few small or no drusen	Several small drusen or a few medium-sized drusen in one or both eyes	Many medium-sized drusen or one or more large drusen in one or both eyes	In one eye only, either a breakdown of light-sensitive cells and supporting tissue in the central retinal area (advanced dry form), or abnormal and fragile blood vessels under the retina (wet form)
AREDS category 1: both eyes are essentially free of abnormalities	AREDS category 2: mild changes in the worst eye, including multiple small drusen, nonextensive intermediate drusen and/or pigment	AREDS category 3: in the worst eye at least one large drusen of at least 125- μ m diameter extensive intermediate drusen, and/or noncentral geographic atrophy	AREDS category 4: in one eye, advanced AMD, either neovascular or central geographic atrophy, or visual loss due to AMD regardless of phenotype, or in both eyes

	abnormalities		
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Only 18% of patients with intermediate AMD (Category 3) will progress to advanced AMD (Category 4) over 5 years. Identifying individuals at a greater risk of progression would enable clinical trials to test novel AMD therapies and provide insight into pathogenic pathways.

It is known that polymorphisms in Complement Factor H, Complement Factor I, Complement C2, HtrA1 serine peptidase, Complement C3 are associated with AMD. Mutations in CFH can activate complement, which in turn may lead to AMD/CNV. It has been reported that complement factor H (CFH) polymorphism accounts for 50% of the attributable risk of AMD (Klein et al., *Science* 308:385-9 (2005)). A common haplotype in CFH (HF1/CFH) has been found to predispose individuals to age-related macular degeneration (Hageman et al., *Proc. Natl. Acad. Sci. USA*, 102(2):7227-7232 (2005)). AMD has been segregated as an autosomal-dominant trait, with the disease locus mapping to chromosome 1q25-q31 between markers D1S466 and D1S413, with a maximum lod score of about 3.20 (Klein et al., *Arch Ophthalmol.* 116(8):1082-9 (1998); Majewski et al., *Am. J. Hum. Genet.* 73(3):540-50 (2003); Seddon et al., *Am. J. Hum. Genet.* 73(4):780-90 (2003); Weeks et al., *Am. J. Ophthalmol.* 132(5):682-92 (2001); Iyengar et al., *Am. J. Hum. Genet.* 74(1):20-39 (2004)); chromosome 2q3/2q32 between markers D12S1391 and D2S1384, with a maximum lod score of 2.32/2.03 (Seddon et al., supra); 3p13, between markers D12S1300 and D12S1763, with a maximum lod score of 2.19 (Majewski et al., supra; Schick et al., *Am. J. Hum. Genet.* 72(6):1412-24 (2003)); 6q14 between markers D6S1056 and DS249 with a maximum lod score of 3.59/3.17 (Kniazeva et al., *Am. J. Ophthalmol.* 130(2):197-202 (2000)); 9q33, at marker D9S934, with a maximum lod score of 2.06 (Majewski et al., supra); 10q26 at the marker D10S1230, with a maximum lod score of 3.06 (Majewski et al., supra; Iyengar et al., supra; Kenealy et al., *Mol. Vis.* 10:57-61 (2004); 17q25 at marker D17S928, maximum lod score of 3.16 (Weeks et al., supra); and 22q12 at marker D22S1045, maximum lod score of 2.0 (Seddon et al., supra). Accordingly, genetic screening is an important part of identifying patients who are particularly good candidates for preventative treatment, including prevention of the progression of the disease into a more severe form.

Methods of Genotyping

The invention involves detection and analysis of a large number of common genetic variants (e.g. SNPs) which can be used to calculate a polygenic score suitable for identifying individuals at a greater risk of progression to advanced AMD. Detection methods for detecting

relevant alleles include a variety of methods well known in the art, e.g., gene amplification technologies. For example, detection can include amplifying the polymorphism or a sequence associated therewith and detecting the resulting amplicon. This can include admixing an amplification primer or amplification primer pair with a nucleic acid template isolated from the organism or biological sample (e.g., comprising the SNP or other polymorphism), where the primer or primer pair is complementary or partially complementary to at least a portion of the target gene, or to a sequence proximal thereto. Amplification can be performed by DNA polymerization reaction (such as PCR, RT-PCR) comprising a polymerase and the template nucleic acid to generate the amplicon. The amplicon is detected by any available detection method, e.g., sequencing, hybridizing the amplicon to an array (or affixing the amplicon to an array and hybridizing probes to it), digesting the amplicon with a restriction enzyme (e.g., RFLP), real-time PCR analysis, single nucleotide extension, allele-specific hybridization, or the like. Genotyping can also be performed by other known techniques, such as using primer mass extension and MALDI-TOF mass spectrum (MS) analysis, such as the MassEXTEND methodology of Sequenom, San Diego, CA.

Polygenic Score to Predict Progression to Advanced AMD

The known AMD risk alleles have limited power to predict progression of AMD, such as progression from intermediate AMD to advanced AMD, individually or in aggregate. Therefore, we have first created a polygenic score in AMD by analyzing the results of a genome-wide association study in 1,100 advanced AMD cases, 8,300 controls and 610,000 SNPs, and creating a reank ordered list of all independent SNPs below $P < 0.1$ threshold. We then tested the hypothesis that a polygenic score consisting of thousands of common variants could be predictive of progression of intermediate AMD to advanced AMD, and found that polygenic score effectively identifies individuals at higher risk of progression to advanced AMD. Following a genome-wide association study, a rank-ordered list of all independent SNPs below a P value threshold (such as $P < 0.1$, $P < 0.05$, $P < 0.001$) is created. The score for each individual is the number of risk variants carried, weighted for the effect size (Odds Ratio). In the next step, performance of polygenic score to predict progression to advanced AMD is assessed.

Our results, discussed in the Example below, show that individuals having intermediate AMD with a high polygenic score have an about 2.3 fold higher risk of progression to advanced AMD in 2 years, and about 2.6 fold higher risk of progression to advanced AMD in 5 years. A polygenic score significantly improves our ability to predict progression compared to the known AMD risk loci, when used individually or in combination. Accordingly, the

polygenic score is a useful tool to identify such patients for early intervention, and also to test candidate agents that might be effective in slowing down or inhibiting the progression to advanced AMD in the most vulnerable patient population.

The present invention provides enhanced early detection options to identify patients that are at the greatest risk for developing advanced AMD, making it possible, in some cases, to prevent development, or at least slowing down the progress, of AMD, e.g., by taking early preventative action, treating the patients with any existing treatment option, changes in the patient's lifestyle, including diet, exercise, etc.). In addition, the polygenic score determined in accordance with the present invention can also assist in providing an indication of how likely it is that a patient will respond to any particular therapy for the treatment of AMD, including experimental therapies. Accordingly, the present invention also enables the identification of a patient population for testing treatment options for preventing or slowing down the progression of an earlier stage of AMD to advanced AMD.

Treatment of AMD

Complement inhibitors useful to treat AMD include, for example, factor D antagonists and factor H antagonists, and inhibitors that block the action of properdin, factor B, factor Ba, factor Bb, C2, C2a, C3a, C5, C5a, C5b, C6, C7, C8, C9, or C5b-9. Complement inhibitors for the treatment of AMD are disclosed, for example, in U.S. Patent Publication Nos. 20090181017 and 20090214538. factor D antibodies useful to inhibit complement activation and treat complement-associated diseases, including AMD are also disclosed in U.S. Patent Nos. 6,956,107; 7,112,327; and 7,527,970.

AMD can also be treated by anti-VEGF antibodies, which are disclosed, for example, in U.S. Patent No. 7,758,859. In June 2006 the FDA approved Lucentis® (ranibizumab) for treating the more advanced or "wet" form of macular degeneration. Other treatment options include, without limitation, Macugen® (pegaptanib sodium), administered through injections into the eye, with treatments required every six weeks.

For experimental treatment options see, for example, STIgMA (CRIg) or STIgMA-(CRIg)-Ig fusion molecules (see, e.g. U.S. Patent No. 7,419,663); IGF-1 antagonists (see, e.g. U.S. Patent No. 7,432,244);

All publications (including patents and patent applications) cited herein are hereby incorporated in their entirety by reference.

Further details of the invention are provided in the following non-limiting example.

EXAMPLE

Predicting Progression to Advanced Age-Related Macular Degeneration Using a Polygenic Score

METHODS

Study Samples, Ascertainment and Genotyping

AMD Cases. There are 4 AMD case collections used in the study: AREDS (Age-Related Eye Disease Study founded by the National Eye Institute), DAWN, UCSD study and OSHU. We chose 564 samples from the Age-Related Eye Disease Study (AREDS). The inclusion criterion was based on the final AMD status (AMDSTAT) of the patients (6 = Large Drusen, 11 =CNV, 12=CGA, 13= both CNV and CGA) were used as cases in our analysis. We also included 352 AMD CNV cases from the DAWN study. The DAWN study is a genetic sub-study which is a collection of samples from three Phase II/III Lucentis clinical trials (FOCUS, MARINA, and ANCHOR). Another 142 samples were recruited from the UCSD AMD study. Finally, 42 CNV cases from a Lucentis IST preformed at OSHU were included as additional cases.

AMD controls. Controls in our analysis come from 4 separate collections. We included 441 samples from the AREDS study with final AMD status ranging from 1 to 5 (1=Control, 2=Control Questionable 1, 3=Control Questionable 2, 4=Control Questionable 3, 5=Control Questionable 4). A total of 1861 control subjects from the New York Cancer Project were collected and then genotyped on the basis of self-described ancestral origin, sex and age. In addition, genotype data from 1722 control samples (all self-described North-Americans of European descent) were obtained from the publicly available iControlDB database ([www.illumina.com /pages.ilmn?ID=231](http://www.illumina.com/pages.ilmn?ID=231)). An additional 2277 prostate cancer cases and controls an 2287 breast cancer cases and controls from the Cancer Genetic Markers of Susceptibility Project (CGEMS) (<http://cgems.cancer.gov/data/>) were included after obtaining permission.

After performing quality control (QC) on each sample collection separately, all sample collections were pooled together and further quality control was performed.

Table S1 describes the number of individuals in each collection, genotyping array and number of SNPs samples were genotyped on.

Quality Control

Before merging sample collections, we preformed quality control in each sample collection independently. We removed low-quality SNPs (call rate < 50%) and individual samples with call rates of less than 95 %.

5 Sample Quality Control.

We excluded samples with > 5% missing genotypes, one sample from each of the cryptic related or unexpected duplicate pairs (identified using identity by descent measures calculated using PLINK), population outliers (samples with values >5 s.d. away from the mean for the first 10 eigenvectors) identified using eigenstrat, and samples with mismatch between reported
10 gender and that determined based on the genotype data.

SNP Quality Control

After pooling all samples we performed the following SNP QC. We removed SNPs with call rate < 95%. SNPs with differential missingness between cases and controls ($P < 1 \times 10^{-4}$) were excluded from the final dataset. In addition we tested each SNP for Hardy-Weinberg
15 equilibrium and SNPs that did not pass $P < 1 \times 10^{-4}$ in controls were excluded.

Population Stratification Analysis

For each cohort, we used ancestry-informative markers to correct for possible population stratification. A subset of 5,486 uncorrelated ancestry-informative markers that passed stringent quality control criteria were used to infer the top ten principal components of genetic variation
20 using EIGENSTRAT (Price, A.L. *et al.* Principal components analysis corrects for stratification in genome-wide association studies. *Nat. Genet.* **38**, 904–909 (2006)). Outliers were removed from each sample set (defined as s.d. > 6). To correct for the case-control stratification, we applied the correction of the Cochran-Armitage test statistic incorporated in EIGENSTRAT.

Association Analysis

25 We performed logistic regression on AMD status for each SNP using principal components as covariates. We included in our model principal components that showed association with AMD case/control status.

Creating a Polygenic Score in Target Samples

We selected SNPs with MAF > 2% in the pooled samples and a genotyping call rate > 99%. Since a lot of the remaining SNPs are in strong LD with each other, we pruned the SNPs in order to have an independent set of SNPs. We used the *--indep-pairwise* command in PLINK with a threshold $r^2=.25$ with a 200-SNP sliding window and 20-SNP overlap between adjacent windows.

In each analysis, we formed independent discovery and target samples. In each of the scenarios described above, we computed association statistics for each SNP in the discovery sample using logistic regression with principal components as covariates. We created a P-value rank-ordered list for the pruned list of SNPs. We created subsets of SNPs based on different P-value thresholds ($P<.0001$, $P<.001$, $P<.01$, $P<.05$, $P<.10$, $P<.20$, $P<.30$, $P<.40$, $P<.50$, $P<1.00$). For each SNP subset, we used a reference allele and the log of the odds ratio (OR) from the discovery dataset to create a polygenic score in the second independent target dataset. The score is the average sum across SNPs of the number of reference alleles (0, 1 or 2) at that SNP multiplied by the log OR for that SNP. We proceeded to test the hypothesis that the polygenic score is a predictor of disease or disease progression.

RESULTS AND DISCUSSION

We first confirmed the ability of 7 known SNPs at 5 known loci associated with AMD: complement factor H (rs10737680 and rs1329424); complement factor I (rs2285714); complement C2 (rs429608 and rs9380272); HTRA1 (rs3793917); and complement C3 (rs2230199) (see Table 1 of Chen et al., PNAS 107(16):7401-7406 (2010)) to enrich for progression to advanced AMD in 764 individuals with Intermediate AMD (category 3) from the Age-Related Eye Disease natural history study. Using a composite score of the 7 known AMD risk alleles we identified a population (14% of the intermediate AMD population) with a progression rate of 31% at 5 yrs, a 1.6 fold increase over the unselected population. We next tested the hypothesis that a polygenic score consisting of thousands of common variants could be predictive of progression to advanced AMD. We conducted a genome-wide association study on 925 advanced AMD cases and 7,863 healthy controls of European descent. We created a polygenic score composed of 10,616 independent loci with p-value < 0.10 from the genome-wide association scan. For each of the 764 individuals with Intermediate AMD (category 3), a polygenic score was calculated as the average sum of the number of risk alleles (0, 1 or 2) at each SNP weighted by the log odds ratio for that SNP. Individuals with high polygenic score (14% of the intermediate AMD population) have a 47% risk of progression at 5 yrs compared to only 13 % risk for the rest of the intermediate AMD population. The results are shown in

Figures 1-3. This represents a 2.6 fold increase over the unselected population, and a significant improvement in predictive power to a score composed of 7 confirmed AMD loci. Our results demonstrate that thousands of common variants can be predictive of AMD progression, and suggests that hundreds of AMD risk loci of modest individual effects contribute to the heritability of AMD.

This application includes a table entitled "Table S1." Table S1 was submitted in landscape orientation with the filing of this application. Table S1 provides a list of 10,617 SNPs. CHR = chromosome; SNP = SNP ID; BP = physical position (base-pairs); A1= first (minor) allele code; F_A - allele 1 frequency in cases; F_U: allele frequency in control cases; A2 = second (major) allele cod; CHISQ = CHI Square Value; P = p value (significance value of case/control association test); OR = Odds Ratio for the association to AMD risk. In some cases the minor allele is associated with risk (OR >1) and in some cases the major allele is associated with AMD risk (OR<1).

The results of this polygenic score analysis can be further refined and supplemented by analyzing additional genome-wide association study (GWAS) data, which are publicly available or are generated in future GWAS studies. Further refinement of the analysis can also be achieved by further analysis of the existing or future data sets, for example by comparative analysis of the choroidal neovascularization (CNV) vs. GA involving the center of the macula (CGA) data. There are also other methodologies available for determining polygenic scored, such as, for example, Support Vector Machine (SMV) algorithms.

GNE_0369PR_Table1									
CHR	SNP	BP	A1	F_A	F_U	A2	CHISQ	P	OR
1	rs3128296	2058766	C	0.1351	0.12	A	3.658	0.05582	1.145
1	rs262683	2145729	A	0.1471	0.13	G	4.391	0.03614	1.154
1	rs4648633	2310562	G	0.2601	0.2395	A	3.976	0.04615	1.116
1	rs2494606	2456493	A	0.2226	0.2413	G	3.285	0.06993	0.9007
1	rs10909890	2723447	A	0.02623	0.02025	G	2.975	0.08457	1.304
1	rs2651909	3051515	A	0.03044	0.02405	G	2.923	0.08733	1.274
1	rs905135	3189344	C	0.05624	0.04766	A	2.752	0.09715	1.191
1	rs7535887	3746353	A	0.05779	0.04796	G	3.577	0.05857	1.218
1	rs12749761	4011047	A	0.242	0.2665	G	5.321	0.02107	0.8788
1	rs12132422	4195164	G	0.281	0.2489	A	9.416	0.002151	1.179
1	rs10489133	4573797	A	0.03354	0.04503	G	5.445	0.01963	0.7359
1	rs875807	4585532	A	0.4185	0.3981	G	2.974	0.08461	1.088
1	rs1483198	4617251	G	0.2234	0.2059	A	3.209	0.07324	1.109
1	rs6681520	4663261	A	0.4778	0.498	G	2.824	0.09284	0.9222
1	rs12122126	4781127	A	0.193	0.172	G	5.262	0.02179	1.151
1	rs12026226	4787770	A	0.0743	0.08798	C	4.082	0.04334	0.8321
1	rs2025378	4791596	A	0.3218	0.3413	G	2.922	0.08735	0.9158
1	rs4654471	4899946	G	0.4314	0.4048	A	5.053	0.02459	1.116
1	rs10915295	4901348	C	0.2508	0.2817	A	8.205	0.004178	0.8536
1	rs1459765	4987922	A	0.1841	0.2012	G	3.15	0.07595	0.8959
1	rs6673119	5548153	G	0.07121	0.08207	A	2.739	0.09791	0.8575
1	rs1775416	5568851	A	0.4974	0.4735	G	3.944	0.04703	1.1
1	rs4129514	5754188	A	0.1558	0.1711	G	2.873	0.09008	0.894
1	rs6679367	6052422	A	0.2105	0.2284	G	3.145	0.07617	0.9009
1	rs2281303	6092940	A	0.1176	0.1053	G	2.776	0.09567	1.133
1	rs2247392	6180734	A	0.2384	0.2606	G	4.439	0.03512	0.8882
1	rs6577412	7051072	G	0.3065	0.3277	A	3.545	0.05974	0.9066
1	rs845251	7405633	C	0.1109	0.09618	A	4.259	0.03905	1.173
1	rs11805932	7444066	A	0.07335	0.05837	G	6.85	0.008865	1.277
1	rs1193179	7492189	G	0.2812	0.2599	A	4.039	0.04446	1.114
1	rs4908656	7539180	C	0.2183	0.1987	A	4.098	0.04294	1.126
1	rs2301488	7714998	A	0.5144	0.4772	G	9.58	0.001967	1.161
1	rs170551	7878481	G	0.1897	0.1702	A	4.592	0.03212	1.142
1	rs227163	7883793	G	0.3841	0.42	A	9.141	0.002499	0.8611
1	rs7523335	8102797	A	0.1966	0.1728	G	6.758	0.009335	1.171
1	rs2274334	8950486	A	0.0356	0.04396	C	2.926	0.08714	0.8028
1	rs4908527	9156730	A	0.4482	0.4246	G	3.911	0.04798	1.101
1	rs926249	9300451	G	0.0485	0.03971	A	3.419	0.06445	1.233
1	rs552230	9345462	A	0.2301	0.2504	C	3.802	0.05118	0.8948
1	rs2275457	9350456	G	0.1989	0.1815	A	3.484	0.06195	1.12
1	rs12022654	9391701	A	0.4013	0.4232	G	3.371	0.06635	0.9138
1	rs10746492	9765163	G	0.3586	0.3383	A	3.181	0.07449	1.094
1	rs284254	10708901	G	0.07128	0.08798	A	6.104	0.01349	0.7957
1	rs4845843	10724172	A	0.1326	0.1494	G	3.853	0.04965	0.8706
1	rs4845953	10724576	G	0.4256	0.4597	A	8.061	0.004522	0.871

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1	rs6656310	10925075	G	0.2779	0.2582	A	3.48	0.06212	1.106
1	rs2335768	11613748	G	0.2704	0.2495	A	3.984	0.04592	1.115
1	rs198372	11832101	A	0.1476	0.1316	G	3.792	0.05151	1.142
1	rs4514248	12012588	G	0.2665	0.2406	A	6.287	0.01216	1.147
1	rs12406819	12499796	A	0.1202	0.1075	G	2.86	0.09082	1.134
1	rs4846128	12592983	G	0.3957	0.3716	A	4.258	0.03907	1.107
1	rs6689733	12602767	G	0.1326	0.1519	A	5.016	0.02511	0.8539
1	rs6699993	12605777	C	0.4143	0.4358	A	3.246	0.07162	0.9158
1	rs2940310	13678293	A	0.1643	0.1458	G	4.646	0.03112	1.151
1	rs10927905	13789584	G	0.04602	0.06457	A	10.11	0.001476	0.6988
1	rs11804743	13789998	A	0.09152	0.07633	G	5.529	0.0187	1.219
1	rs7514217	13795386	G	0.406	0.433	A	5.112	0.02377	0.8952
1	rs2697983	14030164	A	0.2018	0.2189	G	2.997	0.08339	0.9017
1	rs720035	14063256	A	0.2998	0.3216	G	3.769	0.0522	0.9032
1	rs17350970	14088737	A	0.06508	0.07664	G	3.306	0.06903	0.8387
1	rs2038095	14097586	G	0.3523	0.3754	A	3.947	0.04696	0.9048
1	rs7539510	14183961	G	0.2516	0.2297	A	4.582	0.03232	1.127
1	rs12726425	14282272	A	0.1378	0.1239	G	3.011	0.08273	1.129
1	rs12402327	14456212	A	0.2549	0.2374	G	2.912	0.08793	1.099
1	rs11807837	14713776	A	0.1842	0.1653	C	4.433	0.03525	1.14
1	rs10927460	14743155	G	0.2064	0.1883	A	3.66	0.05574	1.121
1	rs4385705	14748619	G	0.5078	0.4876	A	2.803	0.09411	1.084
1	rs3765379	15063006	A	0.193	0.2105	C	3.2	0.07363	0.897
1	rs6429700	15206335	G	0.296	0.2729	A	4.595	0.03207	1.12
1	rs924206	16368585	A	0.07534	0.08901	G	4.038	0.04448	0.8339
1	rs3003427	17461635	A	0.09288	0.107	C	3.628	0.05682	0.8549
1	rs12029767	18111249	G	0.04339	0.0543	A	4.085	0.04327	0.7899
1	rs12740505	18299618	G	0.5077	0.486	A	3.26	0.07097	1.091
1	rs9659675	18356505	A	0.194	0.2124	G	3.509	0.06105	0.8926
1	rs3007730	18669687	C	0.07609	0.0655	A	3.101	0.07825	1.175
1	rs2294656	18711981	A	0.2035	0.1868	G	3.149	0.07599	1.112
1	rs2816030	18730185	G	0.124	0.1434	A	5.391	0.02024	0.845
1	rs4920515	18778782	G	0.05057	0.03875	A	6.273	0.01226	1.321
1	rs2282701	18898409	A	0.08617	0.06659	C	10.34	0.001302	1.322
1	rs9439725	18900904	A	0.2982	0.2763	G	4.128	0.04219	1.113
1	rs12121503	18947567	A	0.05366	0.06649	G	4.667	0.03075	0.7961
1	rs12566799	18995620	A	0.1164	0.1024	G	3.57	0.05883	1.154
1	rs11261074	18998786	A	0.1682	0.1535	G	2.841	0.09187	1.115
1	rs2088824	19657921	C	0.3555	0.3365	A	2.792	0.09473	1.088
1	rs11589338	19914560	G	0.1081	0.09567	A	3.018	0.08233	1.145
1	rs2233688	20123317	G	0.09856	0.1159	A	5.116	0.0237	0.8343
1	rs11573142	20180031	G	0.04592	0.03423	A	6.892	0.008659	1.358
1	rs525380	20281961	A	0.4613	0.4377	C	3.894	0.04847	1.1
1	rs599367	20306989	G	0.2853	0.3055	A	3.307	0.06898	0.9078
1	rs12045689	20314898	G	0.07541	0.09096	A	5.126	0.02357	0.8151
1	rs2301478	20374561	A	0.1997	0.1761	G	6.548	0.0105	1.167

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1	rs17354986	20458360	A	0.2394	0.2202	G	3.701	0.05437	1.115
1	rs12565883	20755790	G	0.2967	0.2713	A	5.576	0.01821	1.133
1	rs2070658	20853509	A	0.1339	0.1147	G	6.2	0.01277	1.194
1	rs12025916	20875313	G	0.1374	0.1542	A	3.773	0.0521	0.8732
1	rs16825746	21831496	A	0.1068	0.1206	G	3.146	0.07611	0.8716
1	rs829387	21895738	A	0.1011	0.08831	C	3.448	0.06332	1.162
1	rs13374837	22012935	G	0.1006	0.1133	A	2.783	0.09524	0.8757
1	rs2124368	22058066	A	0.1367	0.1557	G	4.764	0.02906	0.859
1	rs10799722	22181103	C	0.01821	0.02469	A	3.073	0.07961	0.7326
1	rs7521902	22363311	A	0.2358	0.2178	C	3.267	0.0707	1.108
1	rs17356177	22422351	A	0.06457	0.0545	G	3.325	0.06825	1.197
1	rs4654790	22460942	A	0.3003	0.3196	G	2.955	0.08559	0.9138
1	rs876685	22945007	G	0.112	0.09713	A	4.267	0.03885	1.172
1	rs1561625	22959470	A	0.1373	0.1211	G	4.176	0.04101	1.155
1	rs4655107	22967041	A	0.2616	0.2322	G	8.297	0.00397	1.172
1	rs11249024	24399682	G	0.1022	0.1209	A	5.809	0.01595	0.8271
1	rs7517309	24445393	A	0.3566	0.3811	G	4.416	0.03561	0.8999
1	rs624557	24528745	G	0.3344	0.359	A	4.561	0.03271	0.897
1	rs533808	24560365	A	0.06502	0.07825	G	4.259	0.03903	0.8191
1	rs431454	24700416	G	0.05212	0.03873	A	8.018	0.004631	1.365
1	rs9328948	24790043	A	0.09391	0.07675	C	7.012	0.008097	1.247
1	rs11584631	25186705	A	0.07358	0.06217	G	3.762	0.05244	1.198
1	rs1293259	25568422	A	0.166	0.1431	G	7.237	0.00714	1.192
1	rs6598863	25774851	A	0.1811	0.1999	G	3.841	0.05002	0.8852
1	rs2982311	25865531	A	0.195	0.2173	G	5.046	0.02468	0.873
1	rs4281320	26347026	C	0.1741	0.1984	A	6.506	0.01075	0.8513
1	rs11247945	26586792	A	0.0645	0.0776	C	4.207	0.04025	0.8196
1	rs11576136	26733868	A	0.06463	0.07688	G	3.696	0.05454	0.8297
1	rs6598858	26782352	A	0.4866	0.4663	G	2.847	0.09153	1.085
1	rs17162247	26796895	A	0.04046	0.03086	G	5.119	0.02366	1.324
1	rs12130845	27273305	G	0.06037	0.04641	A	7.362	0.006662	1.32
1	rs10751722	27416110	A	0.04283	0.05547	G	5.391	0.02024	0.7619
1	rs11806397	28322875	A	0.1173	0.1022	G	4.196	0.04052	1.167
1	rs11804512	28701480	A	0.0227	0.02983	G	3.104	0.07809	0.7556
1	rs157198	29076494	G	0.06767	0.08361	A	5.83	0.01576	0.7955
1	rs7349137	29441799	G	0.1912	0.2106	A	3.937	0.04723	0.8859
1	rs2376727	30033867	A	0.2797	0.3053	G	5.374	0.02044	0.8834
1	rs1448343	30155995	A	0.2353	0.2111	G	6.02	0.01414	1.15
1	rs12407007	30663119	A	0.0645	0.05469	G	3.151	0.07588	1.192
1	rs11590978	30760307	A	0.4443	0.465	G	2.996	0.08349	0.9196
1	rs2377367	30800504	A	0.04029	0.0511	G	4.249	0.03928	0.7795
1	rs4508063	30888584	A	0.2215	0.204	C	3.161	0.0754	1.11
1	rs1188444	30937211	G	0.4003	0.4346	A	8.268	0.004035	0.8684
1	rs11589934	31087200	G	0.2918	0.3159	A	4.641	0.03122	0.8924
1	rs4949184	31119986	A	0.2064	0.1838	G	5.833	0.01573	1.155
1	rs12134038	31124316	A	0.1218	0.104	G	5.768	0.01632	1.195

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1	rs6694709	31293059	C	0.3483	0.3286	A	3.016	0.08242	1.092
1	rs3795427	32478405	A	0.047	0.03607	G	5.745	0.01653	1.318
1	rs9425886	32804999	C	0.4494	0.4715	A	3.371	0.06637	0.915
1	rs6678903	32835141	G	0.1166	0.1005	A	4.898	0.02688	1.182
1	rs6673337	33093188	G	0.126	0.11	A	4.42	0.03552	1.166
1	rs12565114	33693789	A	0.1507	0.1336	G	4.308	0.03793	1.151
1	rs612279	33946560	A	0.1543	0.1404	G	2.747	0.09741	1.117
1	rs10737373	34030058	G	0.3895	0.3692	A	3.032	0.08162	1.09
1	rs12562296	34262345	A	0.03922	0.03038	G	4.437	0.03517	1.303
1	rs11584467	34437806	A	0.06037	0.05152	G	2.717	0.09928	1.183
1	rs6703979	35088324	A	0.344	0.3641	G	3.016	0.08243	0.9158
1	rs3863722	35364963	A	0.09255	0.1071	G	3.843	0.04995	0.8506
1	rs3917924	36718240	A	0.4216	0.3859	G	9.217	0.002397	1.16
1	rs6662501	36725022	A	0.05217	0.04232	G	4.024	0.04487	1.245
1	rs12726247	36780574	G	0.2513	0.2305	A	4.175	0.04102	1.12
1	rs1022629	36846038	A	0.4555	0.4349	G	2.963	0.08517	1.087
1	rs537958	37026888	G	0.3657	0.3419	A	4.339	0.03725	1.11
1	rs949586	37555489	A	0.3891	0.4094	G	2.968	0.08494	0.9185
1	rs1395718	37714540	G	0.2425	0.2201	A	5.023	0.02501	1.135
1	rs7544462	37735343	C	0.08523	0.07431	A	2.943	0.08624	1.161
1	rs11264082	37894599	A	0.14	0.119	G	7.125	0.007601	1.205
1	rs4634868	38237902	A	0.2059	0.2318	G	6.587	0.01027	0.859
1	rs751693	38323902	G	0.1587	0.1776	A	4.226	0.03981	0.8738
1	rs486563	38331636	A	0.161	0.1422	G	4.921	0.02654	1.157
1	rs6600353	38457904	A	0.2214	0.2021	G	3.945	0.047	1.123
1	rs12732447	38494066	A	0.3888	0.3605	G	5.947	0.01474	1.128
1	rs4284229	38622891	G	0.1513	0.137	A	2.956	0.08556	1.123
1	rs6696013	39224444	A	0.1444	0.1659	C	5.829	0.01576	0.8483
1	rs260970	39323829	G	0.1863	0.2037	A	3.253	0.07129	0.8949
1	rs11579412	39966359	G	0.1167	0.1026	A	3.709	0.05413	1.156
1	rs2272994	40695606	A	0.2079	0.2273	G	3.692	0.05468	0.8927
1	rs7413966	42649010	G	0.3483	0.3702	A	3.569	0.05887	0.9091
1	rs17387775	43188720	G	0.1952	0.18	A	2.712	0.09962	1.106
1	rs12404679	43231045	A	0.1589	0.1378	G	6.391	0.01147	1.182
1	rs2792599	43239655	A	0.1651	0.1918	C	7.996	0.004687	0.8336
1	rs11210815	43460664	C	0.2317	0.2522	A	3.86	0.04944	0.8943
1	rs272527	44832416	A	0.2637	0.2426	G	4.127	0.04219	1.118
1	rs686053	46987372	G	0.1481	0.1332	A	3.284	0.06994	1.131
1	rs6662321	46992646	A	0.05222	0.06202	G	2.885	0.0894	0.8334
1	rs986034	46999414	C	0.25	0.268	A	2.871	0.0902	0.9103
1	rs10789496	47189028	A	0.06715	0.08949	G	10.83	0.0009991	0.7324
1	rs7555040	47641903	G	0.1637	0.1494	A	2.757	0.09685	1.115
1	rs2507007	47818907	A	0.1927	0.168	C	7.431	0.006412	1.182
1	rs6660568	47855078	G	0.1049	0.09119	A	3.826	0.05047	1.167
1	rs12402179	47888333	A	0.06715	0.05521	G	4.608	0.03182	1.232
1	rs1439920	47982460	G	0.2562	0.2338	A	4.799	0.02848	1.129

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1	rs17458210	48012876	G	0.1341	0.1207	A	2.875	0.08996	1.128
1	rs2803275	48820165	A	0.1424	0.1582	G	3.244	0.0717	0.8839
1	rs6701767	48843233	G	0.1863	0.1696	A	3.38	0.06601	1.121
1	rs4298778	50330454	G	0.05779	0.04826	A	3.341	0.06757	1.21
1	rs2185592	51584518	A	0.04752	0.05828	G	3.704	0.05427	0.8062
1	rs12138419	52828775	A	0.07291	0.0628	G	2.94	0.0864	1.174
1	rs12140961	53403617	A	0.3887	0.3634	G	4.752	0.02926	1.114
1	rs10493173	53543790	G	0.1352	0.121	A	3.227	0.07242	1.136
1	rs1288480	53549204	A	0.36	0.3378	G	3.796	0.05137	1.103
1	rs749378	53737654	A	0.2466	0.2654	G	3.115	0.07757	0.9064
1	rs1725982	53984359	G	0.07269	0.08496	A	3.37	0.06641	0.8443
1	rs4926616	54142318	A	0.3225	0.3443	G	3.656	0.05586	0.9064
1	rs12073847	54367217	G	0.01238	0.02119	A	6.757	0.009338	0.5791
1	rs657783	54391925	G	0.03306	0.04459	A	5.533	0.01866	0.7325
1	rs17389969	54412078	A	0.02324	0.03135	G	3.838	0.0501	0.7352
1	rs6695534	54543497	A	0.3616	0.3838	C	3.624	0.05695	0.9091
1	rs190963	54719435	A	0.1631	0.1848	G	5.477	0.01927	0.8593
1	rs299872	54786748	G	0.3011	0.2798	A	3.859	0.04949	1.109
1	rs746503	54842574	A	0.3864	0.3609	G	4.811	0.02828	1.115
1	rs1655522	54890467	G	0.1064	0.1267	A	6.445	0.01113	0.8213
1	rs6588528	54929469	A	0.1863	0.1706	G	2.985	0.08404	1.113
1	rs2274941	55125958	C	0.4158	0.3905	A	4.628	0.03145	1.111
1	rs2479398	55252662	G	0.1393	0.1253	A	3.046	0.08093	1.13
1	rs17192725	55268719	A	0.1127	0.09566	G	5.636	0.01759	1.2
1	rs2495488	55272794	A	0.08419	0.06971	G	5.46	0.01945	1.227
1	rs6662286	55502915	A	0.08944	0.07692	G	3.701	0.05438	1.179
1	rs6588553	55510043	G	0.405	0.4307	A	4.675	0.0306	0.8995
1	rs12086676	55511251	A	0.1813	0.1624	G	4.5	0.03389	1.142
1	rs17111909	55558362	G	0.0614	0.05174	A	3.217	0.07288	1.199
1	rs1780538	55762278	A	0.03475	0.04514	G	4.403	0.03588	0.7616
1	rs12758651	56185996	G	0.0817	0.06947	A	3.912	0.04794	1.192
1	rs12066561	56548409	G	0.1223	0.1087	A	3.265	0.07079	1.143
1	rs1774825	57022146	C	0.1162	0.1303	A	3.038	0.08132	0.8779
1	rs582317	57186356	G	0.3199	0.3387	A	2.713	0.09953	0.9186
1	rs521147	57330380	G	0.4076	0.439	A	6.908	0.008582	0.8794
1	rs1760207	57335820	A	0.3344	0.3619	G	5.705	0.01692	0.8855
1	rs11206973	57341511	A	0.1558	0.1284	G	11.36	0.0007517	1.253
1	rs10493215	57352198	G	0.09752	0.1121	A	3.716	0.05388	0.8561
1	rs6686072	57708781	A	0.3947	0.4199	G	4.509	0.03372	0.9008
1	rs1408138	57997961	A	0.07513	0.09393	G	7.277	0.006985	0.7836
1	rs2025617	58299442	G	0.3885	0.4154	A	5.136	0.02344	0.8943
1	rs1213642	58568421	C	0.1835	0.2001	A	2.977	0.08443	0.8983
1	rs338241	58706743	A	0.05934	0.04693	G	5.773	0.01628	1.281
1	rs6677752	59178612	A	0.3024	0.3282	G	5.253	0.02191	0.8871
1	rs12402265	59463190	A	0.2915	0.2695	G	4.221	0.03993	1.115
1	rs11207511	59977051	A	0.3516	0.374	G	3.689	0.05479	0.9078

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1	rs7554648	60011350	A	0.0718	0.0837	C	3.232	0.07221	0.8467
1	rs11207546	60186513	A	0.345	0.3256	G	2.965	0.0851	1.091
1	rs4529739	60477371	G	0.1109	0.094	A	5.707	0.0169	1.203
1	rs10493286	60651246	C	0.08824	0.07402	A	4.992	0.02546	1.211
1	rs298160	60651763	A	0.2405	0.2612	G	3.88	0.04888	0.8953
1	rs581503	61102181	G	0.1161	0.1031	A	3.094	0.07858	1.142
1	rs310172	61109878	A	0.2982	0.3335	G	9.632	0.001912	0.8492
1	rs1414277	61181652	G	0.1517	0.1701	A	4.176	0.04099	0.8725
1	rs10889211	61437429	G	0.2014	0.2231	A	4.686	0.0304	0.8786
1	rs2152093	61525543	A	0.2147	0.2368	G	4.724	0.02975	0.8808
1	rs9645411	62052182	G	0.4314	0.4539	A	3.539	0.05994	0.9127
1	rs2275859	62102941	A	0.08617	0.07562	G	2.712	0.09962	1.153
1	rs4915802	62451790	G	0.1197	0.1339	A	3.013	0.0826	0.8798
1	rs17123307	62510354	A	0.03926	0.0498	G	4.138	0.04192	0.7797
1	rs12042483	62606326	A	0.1713	0.1943	G	5.866	0.01544	0.8574
1	rs6587971	62609564	G	0.4617	0.4383	A	3.844	0.04993	1.099
1	rs7550306	62770161	C	0.1879	0.1678	A	4.937	0.02629	1.148
1	rs6664692	62968248	G	0.176	0.1957	A	4.253	0.03918	0.878
1	rs7532163	63174533	G	0.4163	0.3872	A	6.137	0.01324	1.129
1	rs1360679	63175066	G	0.1347	0.1215	A	2.769	0.09609	1.125
1	rs12119857	63227319	A	0.378	0.3999	G	3.457	0.06299	0.9119
1	rs10493344	63506702	C	0.02124	0.02887	A	3.669	0.05545	0.7301
1	rs1341511	64263481	G	0.4458	0.4748	A	5.822	0.01582	0.8898
1	rs705533	64281323	G	0.2786	0.3013	A	4.214	0.04009	0.8959
1	rs1408417	64363285	A	0.1801	0.1966	G	2.985	0.08405	0.8978
1	rs6588083	64386599	G	0.1945	0.1679	A	8.67	0.003235	1.197
1	rs11208380	64429559	G	0.08101	0.09297	A	2.966	0.08506	0.86
1	rs646443	64767416	A	0.09969	0.118	C	5.614	0.01782	0.8276
1	rs12023725	64866562	A	0.1246	0.1411	G	3.907	0.04809	0.8665
1	rs974019	65147140	A	0.1058	0.1211	G	3.869	0.04919	0.8582
1	rs10399621	65537772	A	0.09236	0.07958	G	3.788	0.05162	1.177
1	rs1938489	65821210	G	0.1975	0.2168	A	3.812	0.05087	0.889
1	rs544361	66456040	A	0.2296	0.2052	G	6.258	0.01236	1.155
1	rs17424885	66484710	A	0.1569	0.1401	G	4.001	0.04547	1.142
1	rs12036049	66488510	A	0.06043	0.04955	G	4.24	0.03947	1.234
1	rs688630	66995554	G	0.4897	0.4628	A	5.001	0.02533	1.114
1	rs12042824	67147794	A	0.06244	0.05107	G	4.491	0.03408	1.237
1	rs6700849	67710339	A	0.09824	0.08353	C	4.782	0.02876	1.195
1	rs1337406	68346441	G	0.1455	0.166	A	5.273	0.02166	0.8558
1	rs187922	68349408	A	0.0418	0.05166	G	3.494	0.06159	0.8008
1	rs7530949	68354562	C	0.04081	0.05114	A	3.875	0.04902	0.7893
1	rs12139131	68570290	A	0.1151	0.1	G	4.266	0.03888	1.17
1	rs436070	68691483	A	0.1811	0.2061	G	6.658	0.009873	0.8519
1	rs9436866	69200164	C	0.08936	0.1058	A	5.015	0.02513	0.8291
1	rs4650137	69457688	G	0.4974	0.4713	A	4.717	0.02987	1.11
1	rs2815466	69562168	G	0.4189	0.3961	A	3.741	0.05309	1.099

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1	rs1623854	69951132	A	0.4458	0.4191	G	5.044	0.02471	1.115
1	rs12402831	70042099	C	0.2562	0.2755	A	3.198	0.07371	0.9061
1	rs595662	70383935	A	0.08471	0.06934	G	6.165	0.01303	1.242
1	rs10889869	70650552	A	0.09236	0.07651	G	6.014	0.01419	1.228
1	rs1145920	70656428	A	0.2423	0.2635	G	4.039	0.04446	0.8935
1	rs17131320	70741002	G	0.09701	0.07891	A	7.596	0.005848	1.254
1	rs654044	70744919	G	0.4566	0.4276	A	5.906	0.01509	1.125
1	rs11209709	71135824	C	0.3219	0.3005	A	3.74	0.05312	1.105
1	rs1409165	71136693	G	0.1271	0.1422	A	3.289	0.06976	0.8777
1	rs17094362	74012802	A	0.1116	0.0978	G	3.654	0.05592	1.158
1	rs10493522	74040647	G	0.0516	0.06372	A	4.336	0.03732	0.7994
1	rs7541513	74786783	A	0.4502	0.4201	G	6.367	0.01162	1.13
1	rs3753190	74947850	G	0.2276	0.2448	A	2.784	0.09524	0.9089
1	rs1486931	76459003	C	0.2152	0.1964	A	3.81	0.05094	1.122
1	rs17098431	76470556	G	0.04592	0.05774	A	4.523	0.03345	0.7855
1	rs544858	76497847	G	0.3973	0.4226	A	4.523	0.03344	0.9008
1	rs12144641	76622697	A	0.01408	0.02078	C	3.911	0.04798	0.6727
1	rs12124525	76712744	A	0.05418	0.06788	G	5.222	0.0223	0.7867
1	rs1436087	76748025	A	0.2771	0.2566	G	3.791	0.05152	1.111
1	rs315081	76769659	A	0.1454	0.1305	G	3.357	0.06692	1.134
1	rs199687	77254775	G	0.192	0.1708	A	5.381	0.02036	1.153
1	rs17391694	78396214	A	0.1242	0.1065	G	5.591	0.01806	1.19
1	rs2882801	78490438	A	0.4247	0.3884	G	9.524	0.002028	1.162
1	rs984107	78829375	A	0.07946	0.06366	C	7.05	0.007928	1.27
1	rs7524036	78931245	A	0.09236	0.08101	C	2.945	0.08616	1.154
1	rs1332836	79330392	A	0.1569	0.1728	G	3.07	0.07977	0.8909
1	rs1466613	79409914	G	0.2816	0.3012	A	3.12	0.07734	0.9092
1	rs10489655	79426021	A	0.07438	0.06427	C	2.881	0.08963	1.17
1	rs5008836	79431449	G	0.3999	0.3745	A	4.728	0.02968	1.113
1	rs10465729	79842039	A	0.1992	0.1827	G	3.117	0.07747	1.113
1	rs7517325	79999498	A	0.08626	0.1023	C	4.886	0.02708	0.8287
1	rs1781761	80553872	G	0.5036	0.4658	A	9.881	0.00167	1.164
1	rs4517392	81610784	A	0.05837	0.07294	G	5.523	0.01877	0.7879
1	rs2787985	82890632	A	0.3406	0.3621	C	3.488	0.06182	0.9096
1	rs6659184	83237984	G	0.1883	0.1595	A	10.54	0.001171	1.223
1	rs12132108	83764336	C	0.178	0.163	A	2.823	0.09293	1.112
1	rs12088543	84490571	G	0.02585	0.03581	A	5.09	0.02406	0.7147
1	rs12142095	84505367	A	0.3767	0.3977	G	3.178	0.07466	0.9153
1	rs17377079	84999401	A	0.1271	0.1096	G	5.322	0.02106	1.183
1	rs1770691	85329379	A	0.4154	0.4421	G	4.989	0.02551	0.8967
1	rs551140	85670630	A	0.07946	0.09272	G	3.658	0.05579	0.8446
1	rs7556318	87422453	G	0.4083	0.4385	A	6.389	0.01148	0.8835
1	rs12409961	87468686	A	0.241	0.2624	G	4.125	0.04226	0.8923
1	rs10873827	87527272	A	0.3746	0.3982	G	4.008	0.04528	0.9054
1	rs4488005	87563401	A	0.1674	0.1856	C	3.832	0.05028	0.8819
1	rs958996	87744728	G	0.0306	0.03894	A	3.265	0.07078	0.779

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1	rs12049279	87826079	A	0.01703	0.02379	G	3.5	0.06139	0.711
1	rs10489568	88576553	G	0.03354	0.04172	A	2.948	0.08596	0.7971
1	rs628709	89445784	C	0.3173	0.2941	A	4.461	0.03467	1.116
1	rs359920	89761942	A	0.03464	0.04446	G	3.997	0.04557	0.7713
1	rs12734340	89836201	A	0.2225	0.2422	G	3.653	0.05598	0.8954
1	rs17130836	89838059	A	0.1754	0.1593	G	3.33	0.06804	1.123
1	rs12565034	90057778	A	0.1935	0.1777	G	2.913	0.08786	1.11
1	rs6428576	90380306	A	0.3225	0.3028	G	3.167	0.07516	1.096
1	rs4330906	90428555	A	0.4298	0.3963	G	8.068	0.004505	1.148
1	rs1620325	91059505	C	0.06457	0.05443	A	3.375	0.06621	1.199
1	rs4658095	91433928	A	0.243	0.2254	G	3.027	0.08187	1.103
1	rs1192415	91849685	G	0.1718	0.1897	A	3.597	0.05789	0.8865
1	rs2148322	91894920	A	0.2327	0.2122	C	4.332	0.03741	1.126
1	rs5025055	91914404	A	0.01445	0.02207	G	4.821	0.02811	0.6496
1	rs6677523	91975055	G	0.1175	0.1049	A	2.834	0.09231	1.136
1	rs11582379	92712566	G	0.1424	0.1233	A	5.761	0.01639	1.181
1	rs10874763	93419006	A	0.2921	0.3113	G	2.986	0.08397	0.9127
1	rs933073	94259255	C	0.08824	0.1023	A	3.787	0.05164	0.8488
1	rs17111003	94314437	G	0.07276	0.05759	A	7.116	0.00764	1.284
1	rs952499	94331013	G	0.4608	0.485	A	4.045	0.04431	0.9075
1	rs4147822	94334077	A	0.4453	0.4711	G	4.618	0.03164	0.9012
1	rs12725867	94796253	G	0.1331	0.1481	A	3.109	0.07787	0.8831
1	rs11803470	94890371	A	0.08669	0.09915	G	3.037	0.08141	0.8624
1	rs947132	95085247	G	0.1775	0.1991	A	5.091	0.02404	0.8681
1	rs6680551	95340442	A	0.1342	0.1484	G	2.775	0.09572	0.8895
1	rs4949969	96006413	G	0.2219	0.2056	A	2.778	0.09556	1.102
1	rs54790	97038329	G	0.354	0.335	A	2.783	0.09528	1.088
1	rs12124488	97481641	G	0.2105	0.2271	A	2.717	0.09928	0.9075
1	rs1577897	97639786	A	0.08039	0.09256	G	3.063	0.08009	0.8571
1	rs2786519	97773449	G	0.249	0.2315	A	2.952	0.08579	1.101
1	rs309073	99186313	A	0.4164	0.3902	G	4.98	0.02564	1.115
1	rs10158769	99302746	G	0.08143	0.09416	A	3.305	0.06905	0.8528
1	rs17120526	99724215	A	0.05527	0.07013	G	5.965	0.01459	0.7757
1	rs17454070	100505443	G	0.1104	0.08699	A	11.52	0.000689	1.302
1	rs6577166	100538284	A	0.3911	0.412	G	3.107	0.07797	0.9168
1	rs12131154	100920877	A	0.1698	0.1888	G	4.104	0.04278	0.8786
1	rs3176874	100972474	G	0.1204	0.1374	A	4.284	0.03847	0.8588
1	rs12756662	101515542	A	0.09194	0.1048	G	3.055	0.08049	0.8653
1	rs4908185	102056127	A	0.3662	0.388	G	3.455	0.06305	0.9114
1	rs10493973	102068867	G	0.2038	0.1772	A	8.305	0.003953	1.189
1	rs12030173	102949180	C	0.06192	0.05266	A	2.913	0.08785	1.187
1	rs2622839	103248767	G	0.02838	0.02213	A	3.024	0.08205	1.291
1	rs11164767	103526773	G	0.1989	0.2198	A	4.451	0.03489	0.881
1	rs10881159	104787553	A	0.198	0.2163	G	3.41	0.06481	0.8947
1	rs1028120	104986282	C	0.114	0.1011	A	3.121	0.07728	1.144
1	rs6702264	105198703	G	0.1837	0.1629	A	5.382	0.02034	1.156

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1	rs12039702	105986027	A	0.08824	0.1018	G	3.438	0.0637	0.8543
1	rs12094260	106608837	G	0.04489	0.05583	A	3.998	0.04556	0.7948
1	rs6704278	107290295	A	0.1746	0.1581	G	3.506	0.06115	1.127
1	rs12743478	107502629	A	0.1398	0.1568	G	3.797	0.05134	0.8741
1	rs12406016	107706631	C	0.06418	0.07846	A	4.938	0.02627	0.8056
1	rs549903	107891423	A	0.5295	0.4949	G	8.228	0.004125	1.148
1	rs7537605	108144610	A	0.3638	0.3341	G	6.757	0.00934	1.14
1	rs4494160	109070096	A	0.2624	0.2808	G	2.917	0.08763	0.9109
1	rs11807463	109158047	A	0.3462	0.3236	G	4.014	0.04513	1.107
1	rs2788437	109165640	G	0.2141	0.2402	A	6.493	0.01083	0.8618
1	rs7551421	109171438	C	0.3765	0.3973	A	3.098	0.07841	0.9163
1	rs12749153	109306186	A	0.09969	0.08511	G	4.624	0.03153	1.19
1	rs17024661	110059887	G	0.02118	0.02958	A	4.372	0.03654	0.7098
1	rs11102007	110137471	A	0.1533	0.1685	C	2.899	0.08866	0.8929
1	rs484673	110180838	A	0.318	0.2925	G	5.369	0.0205	1.128
1	rs1416815	110799580	A	0.2285	0.2096	G	3.707	0.05417	1.117
1	rs12048054	110828093	G	0.406	0.4298	A	3.977	0.04612	0.9069
1	rs17025957	110863572	A	0.2002	0.2208	G	4.285	0.03845	0.8834
1	rs610261	111542465	A	0.1646	0.1501	G	2.807	0.09388	1.115
1	rs4839109	111597206	G	0.5155	0.4956	A	2.725	0.09881	1.083
1	rs12047673	111624696	G	0.08696	0.07371	A	4.344	0.03714	1.197
1	rs2050607	111762330	G	0.04517	0.0546	A	3.009	0.08281	0.8191
1	rs2800903	111904955	A	0.4788	0.4578	G	3.072	0.07966	1.088
1	rs1348469	112288649	A	0.3731	0.3457	C	5.666	0.0173	1.126
1	rs2788425	112534194	G	0.09494	0.1104	A	4.279	0.0386	0.8449
1	rs12069113	113015936	A	0.06811	0.05339	G	7.184	0.007357	1.296
1	rs1766884	113543644	A	0.1692	0.1493	G	5.362	0.02058	1.161
1	rs7526767	113561426	A	0.4214	0.3999	G	3.309	0.06888	1.093
1	rs479359	114464393	A	0.4345	0.4042	G	6.565	0.0104	1.133
1	rs7527134	114480380	A	0.156	0.1363	C	5.626	0.0177	1.172
1	rs734928	114483524	C	0.1646	0.1839	A	4.332	0.0374	0.8742
1	rs662353	114687164	G	0.3085	0.3271	A	2.719	0.09914	0.9177
1	rs2268793	115633306	A	0.07696	0.0641	G	4.654	0.03098	1.217
1	rs17033692	115671373	G	0.08411	0.06818	A	6.729	0.009486	1.255
1	rs10858075	115679045	A	0.3922	0.4121	G	2.821	0.09305	0.9206
1	rs11102944	115709080	G	0.2116	0.19	A	5.155	0.02318	1.144
1	rs17576615	116842994	G	0.07306	0.06263	A	3.132	0.07678	1.18
1	rs3136706	117106599	A	0.2544	0.2846	G	7.771	0.005308	0.8578
1	rs12735048	117383342	C	0.05372	0.03904	A	9.519	0.002033	1.397
1	rs2057594	117438016	A	0.2312	0.2144	G	2.867	0.09043	1.102
1	rs7546885	117482038	G	0.4143	0.3941	A	2.945	0.08612	1.088
1	rs11586682	117612678	G	0.2219	0.2005	A	4.878	0.0272	1.137
1	rs1024221	118313014	A	0.03099	0.02392	G	3.581	0.05846	1.305
1	rs17023344	119578507	C	0.1496	0.1697	A	4.958	0.02596	0.8613
1	rs1341797	119596656	G	0.2564	0.2395	A	2.716	0.09936	1.095
1	rs17186108	119630114	C	0.1213	0.1352	A	2.899	0.08866	0.8826

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1	rs10494227	119938968	G	0.1554	0.1766	A	5.337	0.02087	0.8583
1	rs666930	120060493	A	0.4912	0.4673	G	3.954	0.04676	1.101
1	rs942835	120064541	G	0.1202	0.1442	A	8.131	0.004351	0.8113
1	rs10923895	120075653	G	0.01858	0.02496	A	2.975	0.08459	0.7392
1	rs6697258	120286858	A	0.07824	0.06592	C	4.154	0.04154	1.203
1	rs4259688	121006844	G	0.3749	0.4026	A	5.535	0.01864	0.8896
1	rs2297753	145150755	A	0.06863	0.0821	G	4.227	0.03978	0.8238
1	rs644105	145526035	G	0.0228	0.0332	A	5.995	0.01435	0.6793
1	rs7526407	145537233	A	0.1142	0.1327	G	5.227	0.02223	0.8421
1	rs6664767	145776067	C	0.4323	0.4095	A	3.698	0.05446	1.098
1	rs11810419	148776746	A	0.1017	0.08432	G	6.579	0.01032	1.229
1	rs11204666	148809752	A	0.1427	0.1659	G	6.755	0.00935	0.8372
1	rs3738478	149264564	A	0.4244	0.3912	G	7.908	0.004923	1.147
1	rs11204764	149283020	G	0.03096	0.03982	A	3.629	0.05679	0.7703
1	rs4845604	150068304	A	0.1581	0.1431	G	3.098	0.07837	1.124
1	rs12089980	150698555	A	0.09598	0.08397	G	3.188	0.07419	1.158
1	rs4845552	151746622	G	0.1502	0.134	A	3.838	0.05009	1.142
1	rs7521837	152519484	G	0.2563	0.2389	A	2.82	0.09307	1.098
1	rs11582424	152630609	C	0.3016	0.28	A	3.945	0.04701	1.11
1	rs11265608	152630764	A	0.1078	0.09304	G	4.41	0.03573	1.178
1	rs6664817	152950730	C	0.04902	0.04091	A	2.83	0.09252	1.208
1	rs906281	152986541	G	0.2074	0.2263	A	3.54	0.0599	0.8947
1	rs1218550	153067871	G	0.2951	0.3136	A	2.726	0.09874	0.9167
1	rs12022607	154647784	A	0.03106	0.04554	G	8.583	0.003393	0.6718
1	rs16837386	154662368	G	0.1502	0.1326	A	4.555	0.03282	1.156
1	rs11264505	154834876	G	0.02479	0.0318	A	2.816	0.09332	0.774
1	rs2151157	155604287	G	0.4923	0.4647	A	5.251	0.02193	1.117
1	rs6680515	155729990	A	0.1787	0.1994	G	4.664	0.0308	0.8736
1	rs1925034	156249203	G	0.2348	0.2564	A	4.244	0.0394	0.8899
1	rs11264897	156310329	A	0.09398	0.0813	G	3.637	0.05651	1.172
1	rs12088518	156339878	A	0.2781	0.3049	C	5.874	0.01537	0.8783
1	rs1342943	156683190	G	0.07637	0.06535	A	3.37	0.06639	1.183
1	rs6675810	156885615	A	0.1213	0.1049	G	4.814	0.02823	1.177
1	rs2501343	158061200	A	0.1821	0.1638	C	4.217	0.04002	1.137
1	rs6703466	158175017	G	0.4122	0.3905	A	3.413	0.06468	1.095
1	rs1317986	158222056	A	0.2678	0.2495	G	3.072	0.07963	1.1
1	rs1934080	158255551	G	0.1553	0.1803	A	7.374	0.006616	0.836
1	rs1149392	158694812	G	0.2433	0.2705	A	6.529	0.01061	0.8668
1	rs10494345	159503260	G	0.1352	0.1571	A	6.349	0.01174	0.8386
1	rs4657016	159539150	A	0.4797	0.4587	G	3.05	0.08076	1.088
1	rs12140361	159588622	G	0.0243	0.03201	A	3.385	0.06579	0.7533
1	rs2099684	159766754	G	0.329	0.3535	A	4.521	0.03349	0.8969
1	rs4657090	159929108	A	0.2598	0.2826	G	4.421	0.03549	0.8912
1	rs7548168	160465166	A	0.03715	0.02455	G	10.86	0.0009844	1.533
1	rs423125	160575903	G	0.05882	0.04974	A	2.956	0.08554	1.194
1	rs2282397	160610726	A	0.3829	0.3583	G	4.502	0.03385	1.111

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1	rs1355285	161094440	G	0.126	0.1456	A	5.348	0.02075	0.8465
1	rs954280	161219203	A	0.0227	0.0297	G	3.003	0.08312	0.7591
1	rs2999855	161591082	G	0.05225	0.03968	A	6.839	0.008917	1.334
1	rs6700901	161804861	A	0.4478	0.4698	G	3.352	0.06714	0.9152
1	rs11582225	162108767	A	0.1436	0.1582	G	2.802	0.09414	0.8919
1	rs1337357	162333791	G	0.2474	0.2269	A	4.104	0.04277	1.12
1	rs12047873	162441823	G	0.08912	0.07528	A	4.643	0.03118	1.202
1	rs10157716	162479658	A	0.03302	0.04305	G	4.315	0.03777	0.7592
1	rs1289726	162679471	A	0.1047	0.09061	C	4.122	0.04232	1.174
1	rs17385225	162741825	A	0.03973	0.04845	G	2.897	0.08877	0.8127
1	rs1780365	162821910	A	0.3442	0.3667	G	3.788	0.05162	0.9062
1	rs16833488	162876206	A	0.07637	0.06419	G	4.175	0.04102	1.205
1	rs10918063	162986685	G	0.03251	0.04229	A	4.175	0.04101	0.761
1	rs17430865	163695636	G	0.1017	0.1159	A	3.44	0.06362	0.8635
1	rs4147598	163869148	G	0.09649	0.1107	A	3.57	0.05885	0.8582
1	rs11506	163898130	G	0.05315	0.06645	A	5.025	0.02499	0.7886
1	rs7518099	164003504	G	0.1367	0.1191	A	5.045	0.0247	1.172
1	rs12120390	164174982	G	0.1434	0.1279	A	3.66	0.05573	1.141
1	rs12743123	164384160	A	0.1073	0.09204	G	4.749	0.02931	1.186
1	rs6426993	164571091	A	0.09979	0.1146	G	3.762	0.05244	0.8566
1	rs1027353	164714602	G	0.1883	0.2089	A	4.427	0.03538	0.8786
1	rs11583236	164725450	G	0.3762	0.3499	A	5.225	0.02227	1.12
1	rs17429774	164756455	A	0.1332	0.1483	G	3.138	0.07647	0.8824
1	rs2312237	165063884	G	0.3607	0.3347	A	5.195	0.02265	1.121
1	rs267741	165358483	A	0.3626	0.3837	G	3.265	0.07076	0.9136
1	rs267746	165363555	C	0.1781	0.158	A	5.138	0.02341	1.154
1	rs4657638	165388585	A	0.1424	0.1254	G	4.471	0.03447	1.158
1	rs858490	165769222	A	0.5217	0.4766	G	14.04	0.0001787	1.198
1	rs17477053	165799568	A	0.07386	0.08605	G	3.3	0.06928	0.8471
1	rs12067995	165888743	C	0.07843	0.06739	A	3.291	0.06967	1.178
1	rs4145462	165985123	A	0.01756	0.02531	G	4.341	0.0372	0.6883
1	rs12071420	166026789	C	0.4301	0.4053	A	4.37	0.03658	1.107
1	rs203797	166086153	G	0.1074	0.09513	A	2.997	0.0834	1.145
1	rs3738235	166090129	A	0.02219	0.02977	G	3.527	0.06036	0.7396
1	rs12097383	166404708	A	0.06837	0.08595	G	6.858	0.008824	0.7804
1	rs7551039	166448349	A	0.05728	0.07085	G	4.921	0.02653	0.7968
1	rs2064298	166861564	A	0.3833	0.4064	G	3.844	0.04991	0.9076
1	rs646441	166928976	G	0.1594	0.1747	A	2.815	0.09338	0.896
1	rs2207216	166960836	C	0.4504	0.4299	A	2.949	0.08595	1.087
1	rs3766122	167833451	G	0.06656	0.05311	A	6.051	0.0139	1.271
1	rs3917744	167844614	A	0.3008	0.3213	G	3.297	0.06941	0.9091
1	rs12049148	167918308	G	0.2023	0.1818	A	4.803	0.02842	1.141
1	rs488150	168418141	A	0.2213	0.195	G	7.523	0.006092	1.173
1	rs16863119	168453371	G	0.2546	0.2778	A	4.612	0.03176	0.8884
1	rs593479	168909523	A	0.5243	0.4833	G	11.6	0.0006607	1.178
1	rs6608458	169306707	G	0.2935	0.2736	A	3.396	0.06534	1.103

GNE_0369PR_TableS1									
1	rs17642661	169515708	C	0.03457	0.02378	A	8.251	0.004073	1.47
1	rs235922	169890768	C	0.4809	0.4518	A	5.898	0.01516	1.124
1	rs10753195	170064354	C	0.4199	0.3948	A	4.531	0.03329	1.11
1	rs16844255	170537673	A	0.2368	0.2109	G	6.855	0.008839	1.161
1	rs9425329	170702474	G	0.2495	0.2313	A	3.196	0.07381	1.105
1	rs1984404	170731413	A	0.2327	0.2586	C	6.091	0.01358	0.8693
1	rs16847624	173185393	G	0.2601	0.2379	A	4.62	0.0316	1.126
1	rs7547439	173697478	G	0.1829	0.2006	A	3.372	0.06631	0.8922
1	rs4652097	173794652	A	0.3238	0.3489	G	4.787	0.02868	0.8936
1	rs17312104	173919543	G	0.1178	0.1326	A	3.331	0.06797	0.8732
1	rs587874	173920272	A	0.1276	0.1423	G	3.075	0.07951	0.8817
1	rs732292	174098840	A	0.3433	0.3694	G	5.025	0.02499	0.8927
1	rs6413830	175099175	A	0.4303	0.4068	G	3.962	0.04655	1.102
1	rs6682133	175156436	G	0.1445	0.1271	A	4.647	0.0311	1.16
1	rs12035381	175915356	G	0.2121	0.1825	A	10	0.001563	1.206
1	rs3905115	177952867	G	0.07832	0.06531	A	4.662	0.03084	1.216
1	rs357062	178493013	G	0.2358	0.2164	A	3.809	0.05097	1.117
1	rs10737346	178818883	A	0.06767	0.05459	G	5.575	0.01822	1.257
1	rs7556184	178924588	A	0.09494	0.1087	C	3.429	0.06404	0.8598
1	rs2271668	179115704	G	0.0811	0.09873	A	6.13	0.01329	0.8056
1	rs12118635	179142353	C	0.1682	0.147	A	6.122	0.01335	1.174
1	rs2331993	179290313	A	0.04357	0.03455	G	4.079	0.04342	1.273
1	rs3904753	179405504	A	0.1054	0.1195	G	3.29	0.06969	0.8682
1	rs2804702	179584918	A	0.1192	0.1362	G	4.272	0.03875	0.8585
1	rs603511	179636397	A	0.4241	0.4543	G	6.324	0.01191	0.8848
1	rs644796	179702677	G	0.4641	0.4848	A	2.948	0.08597	0.9202
1	rs704326	180026280	A	0.4855	0.4632	G	3.425	0.06423	1.093
1	rs12569254	180308742	A	0.1012	0.1199	G	5.757	0.01642	0.8267
1	rs1281338	180378729	G	0.3295	0.3517	A	3.724	0.05363	0.9059
1	rs6694038	181224502	A	0.1021	0.09035	G	2.836	0.09218	1.144
1	rs4652790	181508518	A	0.1047	0.0865	G	7.118	0.00763	1.236
1	rs17483835	181564177	A	0.07224	0.06079	G	3.886	0.0487	1.203
1	rs2702185	181767973	A	0.07748	0.06705	G	2.952	0.08579	1.169
1	rs1926829	181979168	A	0.08566	0.09929	C	3.634	0.05662	0.8498
1	rs12058015	182326904	A	0.2038	0.1873	G	3.081	0.07919	1.111
1	rs4651223	182846873	A	0.3369	0.3021	G	9.86	0.001689	1.174
1	rs10797982	182888759	A	0.3182	0.3376	C	2.908	0.08816	0.9157
1	rs7516808	183233637	A	0.04799	0.06664	G	9.936	0.001621	0.706
1	rs1543408	183648230	G	0.1715	0.1873	A	2.841	0.09188	0.8983
1	rs1407434	184415655	A	0.07895	0.09081	G	2.977	0.08446	0.8582
1	rs680638	184423137	G	0.2461	0.2286	A	2.978	0.0844	1.102
1	rs6696879	184441923	A	0.03727	0.04644	C	3.336	0.06776	0.7949
1	rs3820185	185074966	A	0.3509	0.3288	C	3.797	0.05133	1.103
1	rs12404877	185096715	A	0.1945	0.2151	G	4.34	0.03723	0.8815
1	rs10737270	185097696	A	0.1885	0.173	G	2.875	0.08997	1.11
1	rs10489410	185220818	C	0.07283	0.05895	A	5.84	0.01566	1.254

GNE_0369PR_TableS1									
1	rs12022951	185313885	G	0.1715	0.1535	A	4.227	0.03979	1.141
1	rs16826789	185579143	A	0.07076	0.0585	G	4.607	0.03184	1.226
1	rs2383658	185847926	G	0.3977	0.4185	A	3.06	0.08024	0.9174
1	rs776797	186155537	A	0.2744	0.2979	G	4.547	0.03297	0.8913
1	rs1906768	186756837	C	0.1027	0.1187	A	4.299	0.03814	0.8494
1	rs12120754	187909065	A	0.07541	0.06036	G	6.714	0.009565	1.27
1	rs950569	188107700	A	0.03512	0.04586	C	4.654	0.03098	0.7574
1	rs10920116	188154338	G	0.2141	0.2411	A	6.937	0.008445	0.8573
1	rs16834383	190788387	A	0.02648	0.02044	C	3.032	0.08162	1.304
1	rs1923949	190814333	G	0.2879	0.2615	A	6.188	0.01286	1.142
1	rs1923946	190838734	G	0.1986	0.1821	A	3.112	0.07774	1.113
1	rs1819741	191051461	G	0.2477	0.2732	A	5.698	0.01698	0.8756
1	rs7525404	191826733	G	0.1049	0.1221	A	4.858	0.02751	0.8421
1	rs2025934	192001523	A	0.03977	0.04826	G	2.756	0.09687	0.8168
1	rs719813	192347450	A	0.2068	0.1909	C	2.802	0.09417	1.105
1	rs4276898	192587262	A	0.01858	0.02554	G	3.461	0.06282	0.7222
1	rs4376717	192614567	A	0.08781	0.07315	C	5.359	0.02062	1.22
1	rs7550967	193049690	G	0.03361	0.04728	A	7.37	0.006633	0.7008
1	rs12128390	193686693	G	0.0547	0.06435	A	2.711	0.09967	0.8413
1	rs16838980	194098876	C	0.1063	0.09032	A	5.192	0.02269	1.198
1	rs1376803	194133073	C	0.1586	0.183	A	6.957	0.008351	0.8414
1	rs7516958	194182735	A	0.4345	0.413	G	3.26	0.07099	1.092
1	rs17636783	194270398	G	0.09865	0.1176	A	6.002	0.01429	0.8216
1	rs2094029	194432901	G	0.04607	0.05587	A	3.195	0.07387	0.816
1	rs1325301	194434451	G	0.08997	0.07729	A	3.819	0.05067	1.18
1	rs4294368	194814311	G	0.1073	0.08313	A	12.88	0.0003324	1.326
1	rs419137	194963498	C	0.1641	0.1179	A	34.07	5.313e-09	1.468
1	rs12404243	195129192	C	0.1454	0.1764	A	11.55	0.000679	0.7944
1	rs12724106	195394201	G	0.1677	0.1054	A	67.04	2.665e-16	1.709
1	rs12137359	195396604	A	0.1037	0.1613	G	43.64	3.954e-11	0.6019
1	rs1764800	195517238	G	0.05998	0.09519	A	25.73	3.935e-07	0.6065
1	rs2786111	195572722	G	0.3564	0.3215	A	9.591	0.001956	1.169
1	rs2786106	195577851	A	0.2407	0.22	G	4.269	0.0388	1.124
1	rs10494757	195774034	A	0.08884	0.0662	G	13.81	0.0002022	1.375
1	rs2047541	196097461	G	0.1078	0.08766	A	8.593	0.003374	1.258
1	rs10922326	196134285	C	0.1373	0.1603	A	6.876	0.008738	0.8336
1	rs16842154	196177269	G	0.02941	0.03939	A	4.661	0.03085	0.7391
1	rs17644335	196178713	A	0.07069	0.08235	G	3.147	0.07608	0.8477
1	rs16842401	196347804	A	0.1305	0.1058	G	10.95	0.0009381	1.269
1	rs16843112	196687281	A	0.03771	0.02827	G	5.388	0.02028	1.347
1	rs2249320	196751050	A	0.05831	0.04324	G	9.135	0.002508	1.37
1	rs12408189	197226314	G	0.2192	0.1989	A	4.418	0.03556	1.131
1	rs7523940	197309600	G	0.06165	0.05077	A	4.097	0.04297	1.228
1	rs16844291	197385433	G	0.1213	0.137	A	3.67	0.0554	0.869
1	rs1359451	197496251	A	0.0805	0.1014	G	8.473	0.003605	0.7755
1	rs2164524	197548240	A	0.04081	0.05254	G	4.876	0.02724	0.7672

GNE_0369PR_TableS1									
1	rs2812262	197811967	G	0.04917	0.05949	A	3.331	0.06798	0.8176
1	rs12120925	198127689	A	0.1354	0.1085	G	12.34	0.0004443	1.286
1	rs2737640	198286884	A	0.1105	0.09604	G	4.114	0.04254	1.17
1	rs2737637	198438915	A	0.07231	0.05681	G	7.525	0.006084	1.294
1	rs11584286	198686624	A	0.1209	0.09739	G	10.51	0.00119	1.274
1	rs6697899	199058577	G	0.07792	0.06608	A	3.848	0.04981	1.194
1	rs3820422	199312096	G	0.2626	0.2808	A	2.823	0.0929	0.9124
1	rs17454947	199336384	A	0.2415	0.2244	C	2.856	0.09104	1.1
1	rs10920115	199338507	C	0.4881	0.4541	A	8.028	0.004605	1.146
1	rs942703	199359602	A	0.2487	0.2305	G	3.203	0.07352	1.105
1	rs10753894	199386953	A	0.03926	0.04779	G	2.81	0.09369	0.8142
1	rs12029731	199459507	A	0.07565	0.08695	C	2.801	0.09419	0.8594
1	rs16848195	199510362	A	0.1179	0.1321	G	3.079	0.0793	0.8775
1	rs2799686	199613938	A	0.1121	0.09383	G	6.631	0.01002	1.219
1	rs1819291	199651684	A	0.1028	0.1185	G	4.118	0.04243	0.8523
1	rs12116834	199651741	A	0.4845	0.4617	G	3.627	0.05686	1.096
1	rs10800780	199669617	G	0.03048	0.0393	A	3.64	0.0564	0.7684
1	rs10494830	199682215	A	0.04747	0.03955	G	2.79	0.09487	1.21
1	rs7525711	199685998	G	0.2782	0.3004	A	4.063	0.04384	0.8975
1	rs675508	199723677	A	0.129	0.1475	C	4.773	0.02891	0.8557
1	rs12135020	199750301	A	0.06612	0.08468	G	7.836	0.005122	0.7652
1	rs1555936	199852752	G	0.08006	0.09358	A	3.768	0.05223	0.8429
1	rs12090875	200386357	A	0.2301	0.251	G	4.015	0.0451	0.8921
1	rs12737056	200399400	A	0.1785	0.1638	C	2.728	0.09861	1.11
1	rs4950864	200898680	A	0.1089	0.09588	G	3.318	0.06851	1.152
1	rs4570460	200955651	A	0.03545	0.02756	G	3.854	0.04962	1.297
1	rs6688148	201173267	A	0.3467	0.3679	C	3.331	0.068	0.912
1	rs12135643	201366921	A	0.2169	0.1983	C	3.697	0.05452	1.119
1	rs2486064	201435387	A	0.4288	0.4091	G	2.755	0.09698	1.084
1	rs7513835	201555366	A	0.04076	0.04955	G	2.884	0.08949	0.8151
1	rs4951357	201911251	G	0.2079	0.1869	A	5.003	0.0253	1.143
1	rs970	201979619	G	0.1943	0.2178	A	5.617	0.01779	0.8661
1	rs2810624	202222464	G	0.1481	0.1319	A	3.882	0.04881	1.144
1	rs12122693	202317549	A	0.1832	0.1633	G	4.951	0.02607	1.149
1	rs4951307	202375116	A	0.09194	0.1102	G	5.926	0.01492	0.8179
1	rs1997034	202384983	A	0.225	0.2529	G	7.16	0.007453	0.8577
1	rs16853625	202637037	A	0.04902	0.06234	G	5.354	0.02068	0.7753
1	rs4252690	202764987	A	0.01911	0.0256	G	2.986	0.08398	0.7417
1	rs12094388	202858797	A	0.1342	0.1177	G	4.451	0.03489	1.162
1	rs2772228	202893365	A	0.02807	0.03702	G	3.951	0.04684	0.7512
1	rs1610400	202900149	G	0.3588	0.3782	A	2.749	0.0973	0.9202
1	rs11240302	203115658	C	0.4211	0.4437	A	3.597	0.05789	0.9117
1	rs6685118	203199428	A	0.09804	0.08648	G	2.879	0.08972	1.148
1	rs4951191	203529927	A	0.2152	0.2394	C	5.609	0.01787	0.871
1	rs7552585	203675794	A	0.04494	0.05474	G	3.258	0.07108	0.8126
1	rs1105822	203749569	G	0.07438	0.09225	A	6.699	0.009649	0.7907

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1	rs1891094	204052555	G	0.09185	0.1073	A	4.382	0.03631	0.8411
1	rs17433088	204147817	G	0.2637	0.2464	A	2.749	0.0973	1.095
1	rs6677934	204855081	G	0.06966	0.08267	A	3.91	0.04799	0.8309
1	rs11583204	205093311	A	0.1655	0.1421	G	7.545	0.006017	1.197
1	rs2232360	205107282	G	0.1966	0.2215	A	6.245	0.01245	0.8602
1	rs656801	206144266	G	0.1544	0.1384	A	3.665	0.05556	1.137
1	rs1318276	206449632	A	0.2487	0.2311	G	2.981	0.08425	1.101
1	rs12566264	206473621	A	0.07876	0.06697	G	3.756	0.0526	1.191
1	rs2782934	206475126	G	0.2544	0.2721	A	2.748	0.09736	0.9126
1	rs2163039	206627976	G	0.3337	0.3139	A	3.106	0.078	1.094
1	rs10863712	206706773	G	0.5114	0.4781	A	7.66	0.005645	1.143
1	rs882478	206765668	A	0.08669	0.07262	G	4.974	0.02574	1.212
1	rs11119150	207131882	A	0.5119	0.4891	G	3.571	0.0588	1.095
1	rs12750212	207748719	A	0.07645	0.08979	G	3.81	0.05094	0.8391
1	rs12060567	208437213	A	0.1534	0.1389	G	3.024	0.08205	1.124
1	rs11583907	208765928	A	0.1347	0.1198	G	3.598	0.05787	1.144
1	rs12735839	209333791	A	0.2172	0.2342	G	2.799	0.09433	0.9072
1	rs1538291	209425378	A	0.327	0.3516	G	4.616	0.03167	0.8958
1	rs609832	209792016	G	0.02012	0.02664	A	2.904	0.08836	0.7503
1	rs7545292	210345681	C	0.06553	0.05545	A	3.287	0.06984	1.195
1	rs10494950	210393649	A	0.03354	0.02607	G	3.678	0.05515	1.296
1	rs12401671	210825710	A	0.1171	0.1038	G	3.261	0.07096	1.146
1	rs11807941	211647423	A	0.1971	0.218	C	4.449	0.03493	0.8807
1	rs320449	211685171	A	0.05723	0.04411	G	6.788	0.009177	1.316
1	rs12062324	211827468	G	0.04912	0.05845	A	2.771	0.09601	0.8321
1	rs1553795	211992430	G	0.2205	0.2378	A	2.845	0.09168	0.9069
1	rs17759253	212008417	A	0.03612	0.02558	G	7.367	0.006643	1.428
1	rs10494968	212487358	G	0.3192	0.299	A	3.344	0.06746	1.099
1	rs17733739	212704431	A	0.06729	0.05208	G	7.826	0.005151	1.313
1	rs7530450	213443649	C	0.04386	0.05406	A	3.583	0.05836	0.8026
1	rs6540920	214158138	G	0.04881	0.03968	A	3.662	0.05567	1.242
1	rs2576002	214205832	G	0.4163	0.4367	A	2.903	0.08839	0.9202
1	rs6692241	214276295	A	0.07867	0.09096	G	3.18	0.07454	0.8535
1	rs12067972	214295676	G	0.1223	0.1058	A	4.88	0.02716	1.178
1	rs12124089	214993567	G	0.0918	0.07844	A	4.171	0.04111	1.188
1	rs1436879	215149008	A	0.02735	0.03828	G	5.776	0.01625	0.7064
1	rs10863280	215165061	A	0.3968	0.3744	G	3.676	0.05519	1.099
1	rs12731437	215253649	G	0.1945	0.1783	A	3.096	0.07847	1.113
1	rs11117760	215288741	A	0.3755	0.3977	C	3.564	0.05906	0.9105
1	rs4846399	215301397	C	0.09804	0.1116	A	3.221	0.07268	0.8656
1	rs12402289	215311631	G	0.2588	0.2378	A	4.176	0.04101	1.119
1	rs10779305	216154216	C	0.1496	0.1313	A	4.964	0.02588	1.163
1	rs610019	217201422	G	0.2446	0.263	A	3.036	0.08144	0.9073
1	rs6704463	217614448	A	0.1146	0.09777	C	5.415	0.01997	1.194
1	rs6672068	218688373	A	0.1214	0.1061	G	4.207	0.04025	1.164
1	rs868494	219026140	A	0.0418	0.05101	G	3.085	0.07903	0.8115

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1	rs7536397	219267244	G	0.05331	0.06337	A	2.979	0.08435	0.8324
1	rs7531435	219825952	A	0.1022	0.09049	G	2.824	0.09286	1.144
1	rs851212	221483847	G	0.06192	0.05112	A	4.055	0.04404	1.225
1	rs11578784	221695053	C	0.257	0.28	A	4.551	0.0329	0.8894
1	rs17542724	221761768	A	0.3019	0.2775	G	5.075	0.02428	1.126
1	rs11261301	221769591	A	0.3168	0.3382	G	3.545	0.05971	0.9072
1	rs7535525	222861536	G	0.07342	0.06261	A	3.37	0.06638	1.186
1	rs3913654	223606649	G	0.2688	0.2872	A	2.862	0.0907	0.9124
1	rs11588772	224010788	G	0.1924	0.2107	A	3.483	0.06199	0.8924
1	rs6685014	224025480	C	0.4463	0.4119	A	8.427	0.003698	1.151
1	rs12031056	224215948	A	0.1593	0.1796	G	4.88	0.02717	0.8653
1	rs7519835	224522557	A	0.08921	0.1051	G	4.674	0.03063	0.834
1	rs6701969	227141591	A	0.1565	0.1414	G	3.204	0.07344	1.127
1	rs644850	227208556	A	0.1383	0.1566	G	4.437	0.03518	0.8642
1	rs10916424	227329465	A	0.1027	0.08845	G	4.266	0.03889	1.179
1	rs1002063	227604136	G	0.2417	0.2655	A	5.03	0.02492	0.8818
1	rs670824	227605716	A	0.1885	0.2072	G	3.689	0.05477	0.8889
1	rs927204	227747629	A	0.1331	0.1189	G	3.276	0.0703	1.138
1	rs12734075	227759755	G	0.1963	0.2173	A	4.498	0.03393	0.8798
1	rs7518953	228505689	C	0.4582	0.4382	A	2.78	0.09544	1.084
1	rs10864750	228701490	C	0.1146	0.1019	A	2.959	0.08541	1.14
1	rs7529178	228839812	G	0.2142	0.1981	A	2.787	0.09502	1.104
1	rs1555294	229041232	A	0.1696	0.1853	G	2.819	0.09316	0.8982
1	rs4506448	229229266	A	0.09659	0.1148	G	5.715	0.01682	0.8244
1	rs12084975	229846734	G	0.05366	0.06427	A	3.285	0.06992	0.8256
1	rs17804163	229875338	A	0.1187	0.1051	C	3.36	0.06679	1.147
1	rs1934909	229917902	A	0.1312	0.1482	G	3.98	0.04604	0.8681
1	rs12046794	229975378	A	0.1424	0.1627	G	5.25	0.02194	0.8549
1	rs7551537	230038840	A	0.3321	0.3525	G	3.13	0.07688	0.9136
1	rs3524	230225302	G	0.5088	0.4807	A	5.457	0.01949	1.119
1	rs9308491	230376662	G	0.2735	0.2992	A	5.473	0.01931	0.8817
1	rs10910648	230476470	G	0.04907	0.05966	A	3.511	0.06097	0.8133
1	rs10910547	230708212	C	0.4494	0.4231	A	4.874	0.02727	1.113
1	rs3795367	230812743	G	0.13	0.1452	A	3.234	0.07214	0.8798
1	rs2795425	230943616	G	0.4923	0.4682	A	4.016	0.04507	1.101
1	rs9424602	231087191	G	0.08988	0.1071	A	5.409	0.02003	0.8236
1	rs4649424	231221604	G	0.1651	0.1863	A	5.178	0.02288	0.8636
1	rs6667845	231496448	A	0.3833	0.356	G	5.563	0.01835	1.124
1	rs1342052	231754864	C	0.2802	0.2539	A	6.27	0.01228	1.144
1	rs12562017	231797670	G	0.04128	0.03381	A	2.881	0.08963	1.231
1	rs12068756	232009651	G	0.02273	0.03288	A	5.776	0.01624	0.684
1	rs12074312	232352597	A	0.03457	0.04283	C	2.932	0.08686	0.8002
1	rs12037730	232478478	G	0.04132	0.05092	A	3.353	0.06709	0.8033
1	rs12122244	232527707	G	0.1146	0.09711	A	5.881	0.01531	1.203
1	rs2991951	232535654	G	0.08978	0.07554	A	4.916	0.0266	1.207
1	rs11586358	232903116	G	0.03509	0.04363	A	3.083	0.07914	0.797

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1	rs2803011	233070620	G	0.2059	0.1866	A	4.2	0.04042	1.13
1	rs6665064	233130162	A	0.1665	0.1866	G	4.606	0.03186	0.8708
1	rs12411075	234249547	A	0.08514	0.1018	G	5.335	0.0209	0.8209
1	rs746997	234261804	G	0.3271	0.3053	A	3.862	0.04939	1.106
1	rs2025016	234364781	A	0.3695	0.3893	C	2.872	0.09012	0.919
1	rs11577428	234587324	G	0.04696	0.05709	A	3.353	0.06708	0.8137
1	rs584792	234676054	A	0.1042	0.1178	G	3.089	0.07882	0.8714
1	rs1266380	234748373	G	0.5218	0.4943	A	5.176	0.0229	1.116
1	rs17648708	234921811	A	0.05263	0.06427	G	3.962	0.04655	0.8088
1	rs12724972	235244195	G	0.1782	0.1987	A	4.594	0.03208	0.8744
1	rs12403151	235264131	A	0.1782	0.159	G	4.721	0.0298	1.147
1	rs6684412	235313686	C	0.2229	0.2057	A	3.097	0.07842	1.107
1	rs7551672	235328807	G	0.05676	0.06741	A	3.166	0.0752	0.8325
1	rs12078739	235621161	G	0.1486	0.1336	A	3.31	0.06887	1.132
1	rs2061840	235790967	G	0.06621	0.07973	A	4.327	0.03751	0.8185
1	rs12116442	235838199	A	0.2203	0.2024	G	3.404	0.06502	1.114
1	rs6700222	236069965	G	0.307	0.2889	A	2.749	0.0973	1.091
1	rs408420	236529700	G	0.3199	0.3393	A	2.91	0.08802	0.9159
1	rs9428818	237238500	A	0.04343	0.05251	G	2.906	0.08825	0.8192
1	rs843030	237991428	A	0.1339	0.1204	G	2.953	0.08572	1.13
1	rs1934349	238051548	A	0.3824	0.4047	G	3.594	0.058	0.9105
1	rs7536133	238055472	A	0.2242	0.2019	G	5.268	0.02172	1.142
1	rs10802816	238128258	A	0.0563	0.06958	G	4.788	0.02865	0.7977
1	rs4431831	238143646	G	0.176	0.1512	A	8.099	0.004429	1.198
1	rs12744769	238713104	A	0.1608	0.146	G	2.98	0.08429	1.12
1	rs12129753	238719837	A	0.1089	0.09674	G	2.871	0.09021	1.141
1	rs4659974	238737050	G	0.2337	0.2547	A	4.034	0.04458	0.8923
1	rs2185283	238762837	G	0.3648	0.344	A	3.3	0.06929	1.095
1	rs17687047	238807659	A	0.1618	0.1398	G	6.853	0.008849	1.188
1	rs12123578	238837450	G	0.06677	0.08042	A	4.411	0.03571	0.8181
1	rs12126125	238850339	G	0.1388	0.1563	A	4.025	0.04484	0.8703
1	rs7518789	238953269	A	0.06452	0.05012	G	7.237	0.00714	1.307
1	rs3820259	239046585	C	0.2095	0.1875	A	5.401	0.02013	1.148
1	rs796786	239069843	G	0.3617	0.3848	A	3.903	0.0482	0.9059
1	rs12116473	239070025	A	0.08256	0.09433	G	2.831	0.09245	0.864
1	rs12026958	239101096	G	0.06605	0.07891	A	3.995	0.04563	0.8254
1	rs166370	239101316	G	0.3431	0.319	A	4.597	0.03203	1.115
1	rs4660023	239231293	A	0.356	0.3758	G	2.892	0.08904	0.9182
1	rs10926395	239257649	A	0.1001	0.1226	G	8.261	0.004051	0.7961
1	rs2177113	239434344	G	0.09391	0.08038	A	4.205	0.0403	1.186
1	rs7520347	239507041	G	0.1121	0.1264	A	3.232	0.0722	0.8725
1	rs1114839	239516326	G	0.3504	0.3276	A	4.031	0.04466	1.107
1	rs613032	239839044	G	0.1047	0.09172	A	3.466	0.06265	1.159
1	rs12125060	239879618	A	0.2833	0.2475	G	11.75	0.00061	1.202
1	rs12737686	239951352	A	0.1853	0.1671	G	4.048	0.04422	1.134
1	rs10926604	240267870	A	0.2595	0.2822	G	4.398	0.03598	0.8916

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1	rs7543323	240358608	A	0.1035	0.09198	G	2.71	0.09973	1.14
1	rs1342362	240618321	G	0.09701	0.08173	A	5.265	0.02175	1.207
1	rs6677308	240763170	A	0.1563	0.1364	G	5.751	0.01648	1.173
1	rs949634	240763654	G	0.3848	0.3646	A	3.023	0.08209	1.09
1	rs4658846	240905111	A	0.06347	0.07428	G	2.978	0.08441	0.8446
1	rs12407970	241071292	G	0.06811	0.05406	A	6.483	0.01089	1.279
1	rs2491828	241123408	G	0.3004	0.2746	A	5.673	0.01723	1.134
1	rs522870	242247498	A	0.2407	0.2201	G	4.197	0.0405	1.123
1	rs11586962	242254778	A	0.1507	0.1687	G	4.029	0.04474	0.8743
1	rs2453200	242323217	G	0.3089	0.329	A	3.16	0.07547	0.9117
1	rs4658613	242327098	C	0.1935	0.1775	A	3.018	0.08236	1.112
1	rs10927162	242441351	A	0.2006	0.1828	G	3.638	0.05649	1.122
1	rs10803184	242444594	A	0.4398	0.461	C	3.113	0.07768	0.9179
1	rs900895	242577060	A	0.1641	0.1468	G	4.095	0.04302	1.141
1	rs7539522	242656375	G	0.03767	0.02471	A	11.39	0.0007396	1.545
1	rs1495942	243142007	A	0.08411	0.07065	C	4.671	0.03068	1.208
1	rs4658686	243235735	A	0.06708	0.08408	G	6.605	0.01017	0.7833
1	rs12751176	243322306	A	0.07756	0.06721	G	2.894	0.08893	1.167
1	rs4658714	243403419	G	0.2348	0.2081	A	7.372	0.006625	1.167
1	rs2184989	243419593	G	0.08884	0.1042	A	4.445	0.03501	0.8378
1	rs11799428	243557548	A	0.0625	0.05176	G	3.965	0.04646	1.221
1	rs4658753	243558029	A	0.08583	0.07461	G	3.095	0.07852	1.165
1	rs1111813	243648734	G	0.3719	0.3418	A	6.913	0.008556	1.14
1	rs10924243	243794097	A	0.2417	0.2656	G	5.038	0.02479	0.8816
1	rs871840	243916718	A	0.2716	0.2533	G	3.025	0.08198	1.099
1	rs12128836	244415951	A	0.04907	0.04108	G	2.739	0.09792	1.205
1	rs10924848	245059321	A	0.3462	0.367	G	3.203	0.07351	0.9136
1	rs10924899	245292967	A	0.07327	0.08948	G	5.666	0.0173	0.8045
1	rs11585647	245574510	A	0.09752	0.1112	G	3.29	0.06972	0.864
1	rs10924990	245574531	G	0.4287	0.4585	A	6.181	0.01291	0.8862
1	rs11587369	245849223	G	0.3268	0.3056	A	3.639	0.05643	1.103
2	rs6719944	310574	A	0.4272	0.4068	G	2.99	0.08379	1.088
2	rs1316288	564307	G	0.04503	0.05769	A	5.189	0.02273	0.7702
2	rs9784046	641641	A	0.1348	0.1501	C	3.169	0.07503	0.8826
2	rs6548242	644281	A	0.5228	0.4866	G	8.991	0.002713	1.156
2	rs13029479	645222	A	0.1033	0.1233	G	6.492	0.01083	0.8189
2	rs4854350	647652	A	0.3493	0.329	G	3.225	0.07252	1.095
2	rs6707477	695636	C	0.3704	0.3916	A	3.231	0.07227	0.9141
2	rs4246561	1142434	G	0.03767	0.05222	A	7.598	0.005844	0.7105
2	rs6721243	1559257	G	0.1772	0.1615	A	3.112	0.07771	1.119
2	rs7564265	1561249	G	0.4285	0.4543	A	4.608	0.03183	0.9008
2	rs2241457	1618129	G	0.2562	0.2388	A	2.857	0.09098	1.098
2	rs2288184	1667072	A	0.08359	0.06952	C	5.148	0.02328	1.221
2	rs10865533	2206714	A	0.2461	0.2655	G	3.321	0.06839	0.9034
2	rs11900612	2517209	C	0.0547	0.04559	A	3.218	0.07283	1.211
2	rs11686291	2724610	A	0.06398	0.07447	G	2.794	0.09464	0.8495

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2	rs2043544	2740148	A	0.1142	0.1013	G	3.11	0.07783	1.144
2	rs12619156	2749208	A	0.1265	0.111	G	4.145	0.04176	1.16
2	rs2082832	2755741	G	0.1966	0.1734	A	6.42	0.01128	1.167
2	rs7592329	3093762	G	0.3059	0.2868	A	3.041	0.08117	1.096
2	rs11902010	3305424	G	0.04644	0.05869	A	4.785	0.02871	0.7811
2	rs357942	3752961	G	0.3901	0.411	A	3.126	0.07708	0.9165
2	rs12479123	3984284	A	0.1142	0.102	G	2.749	0.0973	1.135
2	rs17018834	4250125	A	0.1126	0.1273	C	3.39	0.06558	0.8699
2	rs616251	4502385	A	0.352	0.3748	G	3.831	0.05031	0.9061
2	rs4355130	4929953	G	0.151	0.1666	A	3.051	0.08067	0.8896
2	rs17020354	4963855	A	0.1832	0.1677	G	2.954	0.08568	1.113
2	rs6732278	5174128	A	0.2012	0.1849	G	3.015	0.08249	1.11
2	rs1866364	5563061	A	0.3502	0.3709	G	3.157	0.07562	0.9143
2	rs2118186	5569022	A	0.113	0.1273	C	3.224	0.07255	0.8731
2	rs6750041	5921097	A	0.05114	0.06168	G	3.371	0.06636	0.8198
2	rs2709437	6040943	G	0.4716	0.4922	A	2.918	0.08761	0.921
2	rs4669069	6488209	A	0.5088	0.4878	G	3.04	0.08122	1.088
2	rs12328412	6489671	A	0.1598	0.1765	C	3.353	0.06709	0.8869
2	rs16865345	6624838	A	0.2536	0.2292	G	5.77	0.0163	1.143
2	rs307982	6735779	G	0.1991	0.1823	A	3.236	0.07204	1.115
2	rs6742876	6855195	G	0.3144	0.3394	A	4.845	0.02773	0.8923
2	rs2712032	6887826	C	0.2412	0.2205	A	4.253	0.03918	1.124
2	rs771313	7011166	A	0.1347	0.1513	C	3.739	0.05315	0.8732
2	rs771323	7023815	A	0.1606	0.1765	G	3.008	0.08286	0.8929
2	rs6712224	7117901	A	0.03251	0.02608	G	2.736	0.09809	1.255
2	rs4669139	7177584	A	0.4049	0.3675	G	10.31	0.001327	1.171
2	rs9287684	7231206	C	0.1903	0.2114	A	4.638	0.03127	0.8767
2	rs16866181	7445903	G	0.05728	0.04363	A	7.451	0.006338	1.332
2	rs11682611	7730167	A	0.1945	0.1753	G	4.374	0.03649	1.136
2	rs12468105	8019566	G	0.2193	0.2008	A	3.635	0.05657	1.118
2	rs41002	8031372	G	0.4469	0.4667	A	2.727	0.09868	0.9232
2	rs6724050	8250168	A	0.08729	0.09958	C	2.938	0.08653	0.8648
2	rs4076706	8448488	A	0.3416	0.367	G	4.78	0.0288	0.895
2	rs6736762	8461909	A	0.0774	0.08873	G	2.776	0.09569	0.8616
2	rs1017920	8476631	A	0.06295	0.07357	G	2.898	0.0887	0.8459
2	rs1872603	8479190	G	0.2254	0.2474	A	4.512	0.03366	0.885
2	rs328632	9165233	A	0.1333	0.1702	G	16.96	3.814e-05	0.7497
2	rs6432025	9676072	A	0.3369	0.3116	G	5.121	0.02364	1.122
2	rs6708630	10143258	A	0.08566	0.09908	G	3.532	0.06018	0.8518
2	rs11680378	10147362	G	0.4685	0.4919	A	3.787	0.05167	0.9104
2	rs7587317	10151630	A	0.1656	0.1814	G	2.897	0.08872	0.896
2	rs6746630	10198145	A	0.08368	0.0974	G	3.746	0.05294	0.8462
2	rs7587651	10286057	A	0.3853	0.3628	G	3.783	0.05179	1.101
2	rs2884208	10358438	A	0.3099	0.3303	G	3.235	0.07206	0.9107
2	rs10197851	10402860	G	0.4561	0.4354	A	2.988	0.0839	1.087
2	rs1405948	10500611	A	0.1032	0.08815	G	4.784	0.02873	1.19

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2	rs2463460	10581932	A	0.1178	0.1319	G	3.044	0.08106	0.8784
2	rs11676727	10755905	G	0.01756	0.02627	A	5.296	0.02137	0.6626
2	rs1623958	10898104	A	0.309	0.2792	C	7.558	0.005976	1.155
2	rs6727014	11000860	A	0.0743	0.08756	C	3.854	0.04962	0.8364
2	rs6748518	11024696	G	0.2107	0.192	A	3.849	0.04979	1.123
2	rs7589786	11213871	A	0.2735	0.2934	G	3.333	0.0679	0.9063
2	rs4260216	11452974	C	0.2725	0.2914	A	2.995	0.08353	0.9108
2	rs11690125	11857622	A	0.1213	0.1416	G	5.973	0.01453	0.8363
2	rs2118403	11904242	G	0.3421	0.3156	A	5.576	0.0182	1.128
2	rs6735995	11909044	G	0.112	0.1302	A	5.147	0.02329	0.8421
2	rs2716628	11933214	A	0.3375	0.3184	G	2.865	0.09052	1.09
2	rs4296404	11955574	G	0.273	0.3013	A	6.608	0.01015	0.8708
2	rs12468031	11999215	A	0.06366	0.07558	G	3.552	0.05947	0.8316
2	rs10183374	12148460	A	0.2466	0.2277	G	3.471	0.06244	1.11
2	rs13395192	12693754	A	0.03096	0.02111	G	7.712	0.005487	1.481
2	rs515602	12724636	G	0.08875	0.1025	A	3.601	0.05774	0.8526
2	rs12614689	13196109	A	0.1263	0.1415	G	3.294	0.06955	0.877
2	rs12329145	14508506	G	0.1492	0.1738	A	7.339	0.006746	0.8336
2	rs1178199	15135161	A	0.516	0.4883	C	5.296	0.02138	1.117
2	rs7586087	15222505	A	0.1682	0.1528	G	3.129	0.07693	1.121
2	rs11676740	15751676	A	0.1213	0.1026	G	6.374	0.01158	1.206
2	rs2693015	15952052	A	0.09959	0.12	G	6.921	0.00852	0.8111
2	rs16855322	16031746	A	0.2239	0.1975	G	7.555	0.005983	1.173
2	rs4669037	16146380	A	0.3125	0.3346	G	3.811	0.05091	0.9037
2	rs1515972	17095859	A	0.4209	0.3957	C	4.56	0.03273	1.11
2	rs11693228	17756958	A	0.113	0.0991	G	3.687	0.05484	1.158
2	rs1870822	17963400	G	0.0811	0.06988	A	3.28	0.07014	1.175
2	rs2345097	18073245	C	0.4709	0.4956	A	4.184	0.0408	0.9058
2	rs16984239	18097927	A	0.1963	0.1805	C	2.894	0.08893	1.109
2	rs2345505	18204401	G	0.08566	0.1015	A	4.816	0.02819	0.8294
2	rs17694161	18550046	G	0.1004	0.08309	A	6.636	0.009995	1.232
2	rs10495688	18580752	A	0.06715	0.08561	G	7.671	0.00561	0.7688
2	rs13387360	19488597	A	0.08385	0.07328	G	2.787	0.09502	1.157
2	rs2123538	19801227	A	0.4103	0.4301	G	2.746	0.09753	0.922
2	rs11096616	19814440	A	0.1682	0.1847	G	3.15	0.07594	0.8925
2	rs10490753	19838178	G	0.07688	0.06645	A	2.98	0.08431	1.17
2	rs7604613	19853002	G	0.2492	0.2302	A	3.504	0.06123	1.11
2	rs13021401	20552000	A	0.2714	0.2538	G	2.818	0.09323	1.095
2	rs11096674	20616093	A	0.4388	0.46	C	3.117	0.0775	0.9178
2	rs13031724	20660513	G	0.1883	0.2049	A	2.923	0.0873	0.9004
2	rs1865678	20700950	A	0.2497	0.2749	G	5.501	0.019	0.8781
2	rs11892050	20707768	A	0.1182	0.1317	G	2.785	0.09518	0.8836
2	rs1079171	20736930	G	0.3822	0.4045	A	3.565	0.05902	0.9108
2	rs3732148	20739741	A	0.08514	0.07281	G	3.82	0.05064	1.185
2	rs4971546	20798104	G	0.2237	0.2074	A	2.769	0.09613	1.101
2	rs587139	20812160	C	0.1202	0.104	A	4.783	0.02874	1.177

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2	rs601325	20845872	G	0.1271	0.1101	A	4.999	0.02536	1.177
2	rs7596102	20989329	A	0.01343	0.02202	G	6.169	0.013	0.6045
2	rs13398007	21322841	A	0.1325	0.1467	G	2.777	0.09563	0.8888
2	rs6733000	21805709	A	0.09452	0.08217	G	3.435	0.06383	1.166
2	rs3924202	22869400	A	0.4187	0.4402	G	3.209	0.07323	0.9163
2	rs6742401	22903928	A	0.4783	0.4412	G	9.614	0.001931	1.161
2	rs6544251	22920915	A	0.09856	0.111	C	2.73	0.09848	0.8758
2	rs7581565	22993652	G	0.1648	0.1432	A	6.437	0.01118	1.18
2	rs528065	23712954	A	0.2977	0.319	G	3.622	0.05703	0.9049
2	rs10189702	25208761	A	0.02738	0.03751	C	5.043	0.02472	0.7223
2	rs11892646	25347978	A	0.1017	0.117	G	3.993	0.04568	0.8538
2	rs2292225	25508950	A	0.3204	0.341	C	3.262	0.07091	0.9112
2	rs6721334	25745995	A	0.4154	0.3907	G	4.411	0.03571	1.108
2	rs11126666	26782315	A	0.29	0.2659	G	5.098	0.02396	1.128
2	rs12714232	28450809	G	0.4876	0.4624	A	4.425	0.03541	1.107
2	rs13395604	28539632	G	0.05934	0.0505	A	2.764	0.0964	1.186
2	rs4666103	28661403	A	0.203	0.2225	G	3.8	0.05126	0.8902
2	rs1534480	28692031	A	0.09701	0.07979	G	6.817	0.009029	1.239
2	rs3752899	28709724	A	0.01653	0.02276	G	3.104	0.07809	0.7215
2	rs6723017	28754817	A	0.02219	0.03091	G	4.516	0.03358	0.7115
2	rs4666115	28755508	A	0.4224	0.3992	G	3.845	0.04991	1.101
2	rs17007549	29150858	A	0.03564	0.04668	G	4.84	0.0278	0.7548
2	rs7583117	29151876	A	0.3767	0.4126	G	9.232	0.002379	0.8602
2	rs12620500	29246184	A	0.04829	0.05936	G	3.84	0.05003	0.804
2	rs3100219	29249774	G	0.08204	0.069	A	4.481	0.03427	1.206
2	rs17007625	29266815	A	0.1285	0.1149	C	3.104	0.07811	1.136
2	rs6723311	29300757	A	0.4917	0.4641	G	5.281	0.02156	1.117
2	rs2293563	29303323	A	0.1622	0.179	G	3.353	0.06708	0.8877
2	rs10199963	29437005	A	0.05573	0.06632	C	3.18	0.07455	0.8308
2	rs2631941	29834790	G	0.1042	0.1196	A	3.937	0.04725	0.8562
2	rs4334534	30277016	A	0.3636	0.3385	G	4.859	0.0275	1.117
2	rs12471868	30716612	G	0.1409	0.1215	A	5.983	0.01444	1.186
2	rs895662	30727733	A	0.1502	0.1711	G	5.394	0.0202	0.856
2	rs482384	30830858	G	0.1662	0.1515	A	2.845	0.09165	1.116
2	rs6709502	30864428	A	0.1022	0.1181	G	4.285	0.03846	0.8493
2	rs12998538	31146565	A	0.09701	0.1195	C	8.465	0.00362	0.7914
2	rs12992405	31250836	C	0.4572	0.4916	A	8.187	0.00422	0.871
2	rs6736278	31296379	A	0.03818	0.05187	G	6.753	0.009359	0.7257
2	rs4952070	31307895	G	0.2757	0.3044	A	6.699	0.009649	0.87
2	rs11896460	31364526	A	0.176	0.1579	G	4.183	0.04083	1.139
2	rs10153659	31396628	G	0.1674	0.1468	A	5.749	0.01649	1.168
2	rs207431	31406898	A	0.1498	0.1701	G	5.109	0.0238	0.8593
2	rs207432	31407491	C	0.4014	0.3822	A	2.712	0.09958	1.084
2	rs207444	31417301	A	0.05263	0.0422	G	4.525	0.0334	1.261
2	rs13031142	33557434	G	0.421	0.4451	A	4.063	0.04382	0.9064
2	rs10166200	33576358	G	0.2606	0.2435	A	2.707	0.09992	1.095

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2	rs6705101	33583795	G	0.06966	0.08943	A	8.466	0.003618	0.7624
2	rs897506	33640016	A	0.1498	0.1675	C	3.909	0.04802	0.8757
2	rs6714970	33850487	A	0.08827	0.1074	G	6.654	0.009896	0.8048
2	rs17014444	34057941	A	0.02735	0.03767	G	5.223	0.02228	0.7182
2	rs1965391	34090976	C	0.3111	0.2664	A	17.37	3.084e-05	1.243
2	rs6543803	34126797	G	0.1569	0.1792	A	5.925	0.01493	0.8521
2	rs4670315	34129261	G	0.08893	0.104	A	4.251	0.03922	0.8411
2	rs188113	34918750	G	0.1684	0.1509	A	4.085	0.04327	1.14
2	rs17015980	35077468	G	0.02683	0.03485	A	3.378	0.06608	0.7637
2	rs4549067	35447308	G	0.03822	0.0475	A	3.348	0.0673	0.7969
2	rs305175	36217668	G	0.2557	0.2769	A	3.907	0.04808	0.8969
2	rs11904235	36230203	A	0.08875	0.07701	G	3.298	0.06936	1.167
2	rs6716264	36713252	A	0.2595	0.2871	G	6.435	0.01119	0.8704
2	rs12712515	36785093	A	0.08359	0.09557	G	2.9	0.08858	0.8632
2	rs13006747	36792612	A	0.2135	0.1972	G	2.905	0.0883	1.106
2	rs888096	37457305	A	0.3643	0.3853	G	3.237	0.07199	0.914
2	rs2373106	37524430	A	0.1071	0.1244	C	4.756	0.02919	0.8448
2	rs6544157	38400422	G	0.101	0.08956	A	2.742	0.09775	1.143
2	rs13392984	38488348	G	0.06973	0.08134	A	3.154	0.07574	0.8466
2	rs7568053	38500350	A	0.2058	0.2295	G	5.528	0.01871	0.8698
2	rs12328034	38643186	G	0.05249	0.06718	A	6.032	0.01405	0.7693
2	rs6751506	39474799	A	0.0485	0.03969	G	3.432	0.06394	1.233
2	rs387103	40231184	A	0.1718	0.1897	G	3.612	0.05736	0.8863
2	rs10179753	40628637	G	0.3888	0.4085	A	2.768	0.09614	0.9211
2	rs1456598	40928638	A	0.08428	0.09831	G	3.877	0.04896	0.8442
2	rs7572987	41227800	C	0.06656	0.07733	A	2.845	0.09166	0.8508
2	rs17027384	41367776	A	0.1404	0.1267	G	2.862	0.09067	1.125
2	rs719596	41858418	G	0.05124	0.0633	A	4.299	0.03812	0.7993
2	rs4952522	41946952	A	0.4313	0.4522	G	3.039	0.0813	0.9188
2	rs13426621	41962975	A	0.04128	0.054	G	5.602	0.01794	0.7543
2	rs7556683	42024358	G	0.3844	0.3647	A	2.886	0.08938	1.088
2	rs10153941	42157921	A	0.2334	0.2621	C	7.383	0.006586	0.8572
2	rs2581135	42208350	G	0.2028	0.178	A	7.119	0.007626	1.175
2	rs17389988	42506359	A	0.1347	0.1541	G	5.058	0.02451	0.8542
2	rs4952951	43003402	A	0.1049	0.1242	C	6.029	0.01407	0.8259
2	rs4953713	43100719	G	0.1352	0.1524	A	4.015	0.04509	0.8691
2	rs4952961	43128183	A	0.4194	0.3915	G	5.619	0.01777	1.123
2	rs17030445	43226155	A	0.08308	0.09585	C	3.293	0.06956	0.8546
2	rs4952689	43954934	A	0.4257	0.4455	C	2.743	0.0977	0.9223
2	rs10169761	44160185	G	0.2466	0.2281	A	3.343	0.06748	1.108
2	rs10495913	44197180	G	0.3931	0.3694	A	4.123	0.04231	1.105
2	rs7581527	44212058	A	0.4726	0.4928	G	2.812	0.09357	0.9223
2	rs551660	44730514	A	0.1997	0.2199	C	4.156	0.04148	0.8849
2	rs4245799	44877703	G	0.2007	0.1841	A	3.139	0.07644	1.113
2	rs13410828	45134647	A	0.0743	0.06391	G	3.066	0.07992	1.176
2	rs12466939	45340923	A	0.5015	0.4665	C	8.483	0.003585	1.151

GNE_0369PR_TableS1									
2	rs6725257	45800304	A	0.211	0.1934	G	3.414	0.06463	1.116
2	rs4446102	45851371	G	0.2947	0.3155	A	3.467	0.06259	0.9065
2	rs10191412	45865449	C	0.1326	0.15	A	4.152	0.04157	0.8661
2	rs7596891	45899087	A	0.07756	0.06458	G	4.707	0.03003	1.218
2	rs11125034	45902949	A	0.09649	0.1098	G	3.178	0.07463	0.8656
2	rs4245808	46309990	G	0.3314	0.355	A	4.205	0.04031	0.9005
2	rs4953334	46317480	A	0.2017	0.183	G	3.985	0.04591	1.128
2	rs1867786	46372398	G	0.4618	0.4402	A	3.264	0.0708	1.091
2	rs6753127	46450800	A	0.07069	0.08188	G	2.913	0.08786	0.853
2	rs17035106	46486982	A	0.06095	0.05026	G	4.037	0.04451	1.226
2	rs11674127	46660177	A	0.05757	0.04248	G	9.27	0.002329	1.377
2	rs6735530	46701950	G	0.1146	0.1315	A	4.394	0.03607	0.8544
2	rs1374274	46908673	G	0.2867	0.265	A	4.129	0.04216	1.115
2	rs1474396	47167128	A	0.4414	0.4198	C	3.287	0.06985	1.092
2	rs4245814	47392187	A	0.07637	0.06571	G	3.139	0.07643	1.176
2	rs17036504	47420833	A	0.1587	0.1742	G	2.896	0.08878	0.8943
2	rs6705888	47701740	A	0.4174	0.4488	G	6.902	0.00861	0.8797
2	rs7559733	47711159	G	0.5077	0.4799	A	5.357	0.02064	1.118
2	rs7604334	48685937	G	0.3237	0.2875	A	10.94	0.0009407	1.186
2	rs6755901	48779250	G	0.1729	0.1569	A	3.286	0.06988	1.123
2	rs13405728	48831663	G	0.06244	0.05037	A	5.125	0.02359	1.256
2	rs12614310	48946286	A	0.1249	0.141	C	3.745	0.05297	0.8691
2	rs7579295	48974762	G	0.0614	0.04865	A	5.901	0.01513	1.279
2	rs11891861	49010084	C	0.4768	0.4517	A	4.379	0.03639	1.106
2	rs6545119	49592865	G	0.1615	0.1815	A	4.684	0.03045	0.8685
2	rs2350699	49724834	A	0.08824	0.07516	G	4.169	0.04117	1.191
2	rs925931	49913312	G	0.1383	0.1527	A	2.81	0.09366	0.8902
2	rs2241175	50576432	A	0.07688	0.09118	C	4.32	0.03768	0.8302
2	rs7582692	50670707	A	0.4489	0.4735	G	4.201	0.0404	0.9056
2	rs1534611	51600690	G	0.4458	0.4243	A	3.275	0.07035	1.092
2	rs2697999	51610465	G	0.1454	0.1605	A	2.939	0.08647	0.8897
2	rs17862718	51670248	A	0.04541	0.03753	G	2.902	0.08845	1.22
2	rs4971827	52549258	A	0.0667	0.07787	G	3.037	0.08139	0.8463
2	rs2123978	52803491	C	0.1157	0.09897	A	5.325	0.02103	1.191
2	rs6755812	53138933	A	0.2469	0.2277	C	3.587	0.05825	1.112
2	rs10496014	53224755	G	0.1358	0.1551	A	4.978	0.02567	0.8555
2	rs1389574	53466671	A	0.04644	0.06009	G	5.83	0.01576	0.7618
2	rs2357490	53685576	A	0.2064	0.1828	G	6.38	0.01154	1.163
2	rs17522496	53881501	A	0.1384	0.1589	G	5.448	0.01959	0.8507
2	rs2248749	54799278	G	0.1579	0.1764	A	4.103	0.04281	0.8753
2	rs7565802	54914060	C	0.1406	0.1268	A	2.951	0.0858	1.127
2	rs1549840	54916617	A	0.3679	0.3893	G	3.319	0.06847	0.913
2	rs6710781	57539393	G	0.1003	0.08849	A	2.944	0.0862	1.148
2	rs7589636	57543537	G	0.2443	0.2199	A	5.93	0.01488	1.147
2	rs10518819	57568221	A	0.3464	0.3112	G	9.918	0.001637	1.173
2	rs17048858	57583694	C	0.08978	0.07753	A	3.564	0.05906	1.174

GNE_0369PR_TableS1									
2	rs17644631	59434240	A	0.1264	0.1405	G	2.876	0.08989	0.8849
2	rs9309316	59809120	C	0.06192	0.05165	A	3.637	0.0565	1.212
2	rs9653546	59951820	A	0.166	0.1816	G	2.844	0.09171	0.8969
2	rs4672326	59967948	G	0.1476	0.1331	A	3.119	0.07737	1.128
2	rs2556378	60616006	A	0.1775	0.1617	C	3.14	0.07639	1.119
2	rs10198826	60763537	A	0.4602	0.4961	G	8.884	0.002877	0.866
2	rs13006409	60768152	A	0.1543	0.1276	C	10.8	0.001013	1.247
2	rs6760104	61158413	G	0.04902	0.03669	A	7.166	0.007429	1.353
2	rs1177301	61167524	A	0.204	0.185	G	4.117	0.04246	1.129
2	rs2067864	62534673	G	0.4337	0.407	A	5.094	0.02401	1.116
2	rs4350731	62553294	A	0.2817	0.3023	C	3.471	0.06244	0.9053
2	rs11686508	62556510	G	0.469	0.4473	A	3.295	0.06948	1.092
2	rs2699396	63342294	A	0.424	0.4024	G	3.319	0.06847	1.093
2	rs10496107	64222840	A	0.5171	0.4836	C	7.723	0.005454	1.143
2	rs2698530	64357399	C	0.215	0.2349	A	3.811	0.05091	0.8921
2	rs962423	64550006	A	0.4303	0.4653	C	8.497	0.003556	0.868
2	rs6546073	64551901	G	0.3543	0.3768	A	3.702	0.05436	0.9078
2	rs11126021	64890020	A	0.4518	0.4301	G	3.306	0.06905	1.092
2	rs1541580	65074688	G	0.2941	0.2696	A	5.227	0.02224	1.129
2	rs268123	65507427	G	0.08153	0.09462	A	3.5	0.06136	0.8493
2	rs13397571	65748975	A	0.1028	0.1161	G	3.015	0.0825	0.8721
2	rs1019365	65778412	A	0.0667	0.05643	G	3.348	0.06729	1.195
2	rs17030995	65948146	A	0.05946	0.05062	G	2.754	0.097	1.186
2	rs2139246	66575364	A	0.04541	0.05445	G	2.786	0.09511	0.8261
2	rs4671159	66750877	G	0.08325	0.07207	A	3.164	0.07529	1.169
2	rs6745277	66754241	A	0.08978	0.07406	G	6.086	0.01363	1.233
2	rs6748591	66807867	G	0.07379	0.08643	A	3.542	0.05982	0.8421
2	rs4671750	66924963	A	0.2882	0.2687	G	3.34	0.06763	1.102
2	rs13021334	67298819	G	0.29	0.3108	A	3.489	0.06178	0.9059
2	rs10490726	67720046	A	0.09752	0.11	G	2.757	0.09686	0.8747
2	rs12713602	67831501	G	0.2859	0.3243	A	11.7	0.0006242	0.8341
2	rs1921586	68094849	A	0.3678	0.3912	G	3.978	0.04609	0.9053
2	rs4671871	68139145	A	0.1012	0.1166	G	3.986	0.04589	0.8536
2	rs17523693	68206627	G	0.1084	0.08201	A	15.42	8.607e-05	1.36
2	rs3732042	68373381	A	0.04541	0.05704	G	4.433	0.03524	0.7864
2	rs13033526	68767004	A	0.07224	0.08451	G	3.408	0.06489	0.8435
2	rs4263144	69193781	A	0.1317	0.1181	C	3.049	0.08078	1.133
2	rs11466212	70610866	G	0.1109	0.0969	A	3.834	0.05022	1.163
2	rs716685	70873673	G	0.3292	0.3103	A	2.869	0.09029	1.091
2	rs10204437	70913271	A	0.09391	0.07762	G	6.26	0.01235	1.232
2	rs6546647	70954934	A	0.3004	0.2748	G	5.633	0.01763	1.133
2	rs2041689	71056850	A	0.2564	0.236	G	3.963	0.04651	1.116
2	rs1861074	71083241	G	0.06921	0.08043	A	2.972	0.08474	0.8502
2	rs10192575	71796534	A	0.08204	0.07098	G	3.15	0.07592	1.17
2	rs2420201	72209878	A	0.06553	0.0543	G	4.146	0.04174	1.221
2	rs707718	72209957	A	0.204	0.1872	C	3.188	0.07417	1.113

GNE_0369PR_Table1									
2	rs10176602	73974293	A	0.2673	0.246	G	4.204	0.04033	1.118
2	rs6737156	74013242	G	0.04907	0.0393	A	4.249	0.03927	1.262
2	rs951409	74040289	A	0.3818	0.3537	G	5.941	0.0148	1.129
2	rs17667404	74704651	A	0.05654	0.04762	G	2.934	0.08674	1.199
2	rs205651	74709631	A	0.5181	0.4904	G	5.294	0.02139	1.117
2	rs13013272	74865194	A	0.1882	0.173	G	2.757	0.09682	1.109
2	rs6546923	74865835	G	0.3326	0.3602	A	5.713	0.01684	0.8852
2	rs3771790	74924075	A	0.1166	0.1023	G	3.79	0.05155	1.158
2	rs6759991	75550324	C	0.1465	0.1626	A	3.295	0.0695	0.8843
2	rs6547078	76442450	G	0.02738	0.0347	A	2.826	0.09273	0.7829
2	rs17012803	76587721	G	0.0903	0.07632	A	4.695	0.03025	1.201
2	rs7585161	76723811	A	0.04029	0.05071	C	3.975	0.04618	0.7858
2	rs10496205	77347215	A	0.07792	0.06186	G	7.461	0.006306	1.281
2	rs11675918	77499960	A	0.1055	0.1228	G	4.845	0.02772	0.8425
2	rs6749190	77523358	A	0.05418	0.06721	C	4.769	0.02897	0.795
2	rs6751378	77956476	G	0.3399	0.3207	A	2.905	0.08828	1.091
2	rs1869083	78871695	A	0.3251	0.3044	C	3.478	0.0622	1.101
2	rs11126689	79031638	A	0.2161	0.2365	G	3.982	0.04598	0.8901
2	rs12618775	79059180	G	0.04025	0.03169	A	4.001	0.04547	1.281
2	rs3819315	79218109	A	0.05728	0.06836	G	3.383	0.06586	0.828
2	rs17040658	79562026	G	0.03664	0.0236	A	12.02	0.0005265	1.574
2	rs6745820	79728106	A	0.03922	0.04903	G	3.638	0.05647	0.7917
2	rs12464912	79743680	G	0.1632	0.1427	A	5.862	0.01547	1.172
2	rs4258819	79760823	A	0.3213	0.3014	G	3.234	0.07213	1.097
2	rs1511189	79787363	C	0.452	0.474	A	3.361	0.06675	0.9152
2	rs4852514	79807254	G	0.06797	0.05792	A	3.076	0.07943	1.186
2	rs2102547	79893363	A	0.5181	0.4966	G	3.2	0.07366	1.09
2	rs1511196	79898641	G	0.0485	0.05901	A	3.492	0.06167	0.8129
2	rs4852531	79903226	G	0.4778	0.4475	A	6.371	0.0116	1.129
2	rs2043453	79943225	A	0.08221	0.09858	C	5.274	0.02164	0.8191
2	rs1900268	80103494	A	0.1832	0.1672	G	3.121	0.07728	1.117
2	rs8179672	80120211	A	0.2448	0.2238	G	4.335	0.03734	1.124
2	rs4852549	80134191	G	0.1973	0.1815	A	2.878	0.08979	1.109
2	rs6721948	80318641	A	0.1807	0.1625	G	4.106	0.04274	1.136
2	rs2587147	80358298	A	0.4556	0.4761	C	2.899	0.08865	0.921
2	rs3755105	80651416	A	0.1636	0.1796	C	3.031	0.08168	0.8933
2	rs17022214	82788682	A	0.1116	0.09762	C	3.755	0.05265	1.161
2	rs1352197	83666269	G	0.1254	0.1446	A	5.174	0.02292	0.8483
2	rs7566925	83723408	A	0.452	0.426	G	4.753	0.02925	1.111
2	rs1918098	84218157	G	0.1166	0.1376	A	6.498	0.0108	0.8273
2	rs10496308	84273243	G	0.2843	0.2658	A	3.004	0.08306	1.097
2	rs11126959	84408203	G	0.4185	0.398	A	3	0.08325	1.088
2	rs17608438	84873483	G	0.02908	0.03949	A	5.044	0.0247	0.7284
2	rs2086175	84993676	A	0.195	0.178	G	3.412	0.06472	1.119
2	rs4832131	85137224	G	0.2826	0.305	A	4.079	0.04341	0.8978
2	rs1254900	85669845	A	0.2451	0.2206	G	5.983	0.01445	1.147

GNE_0369PR_TableS1									
2	rs11887686	85777642	A	0.08101	0.09424	G	3.584	0.05835	0.8473
2	rs6724281	88310646	A	0.3065	0.2831	C	4.65	0.03106	1.119
2	rs11694318	88316440	G	0.2717	0.2491	A	4.683	0.03046	1.125
2	rs11684168	88475282	G	0.2022	0.1787	A	6.375	0.01157	1.164
2	rs13413588	88479436	G	0.1434	0.1299	A	2.78	0.09546	1.122
2	rs6713961	88518065	A	0.4221	0.4023	G	2.818	0.09323	1.085
2	rs12995771	88910111	A	0.3501	0.3285	G	3.629	0.05679	1.101
2	rs11885687	94793151	A	0.1339	0.1189	G	3.683	0.05495	1.146
2	rs7608661	96823647	G	0.4045	0.3826	A	3.492	0.06166	1.096
2	rs11683207	97699722	G	0.197	0.1789	A	3.825	0.05051	1.126
2	rs13422327	98128021	G	0.1615	0.1415	A	5.602	0.01793	1.169
2	rs2871244	98788990	A	0.06663	0.05412	G	5.149	0.02326	1.248
2	rs17023158	99814358	G	0.03096	0.03853	A	2.729	0.09855	0.7971
2	rs17436852	99888658	A	0.06398	0.05377	G	3.471	0.06244	1.203
2	rs6737198	100342571	G	0.01613	0.02261	A	3.359	0.06685	0.7086
2	rs12616239	100706248	G	0.09856	0.08527	A	3.843	0.04995	1.173
2	rs11694387	100779813	A	0.3063	0.3275	C	3.545	0.05971	0.9065
2	rs3754675	100916275	G	0.09711	0.08014	A	6.59	0.01025	1.234
2	rs4851390	100938137	G	0.213	0.1871	A	7.539	0.006038	1.176
2	rs10179599	101015859	A	0.1672	0.1949	G	8.578	0.003402	0.829
2	rs17025300	101125782	G	0.1711	0.1525	A	4.591	0.03215	1.148
2	rs10496357	101621546	G	0.1598	0.141	A	4.954	0.02604	1.159
2	rs4851502	101798800	A	0.0903	0.07915	G	2.9	0.08857	1.155
2	rs10203841	102054704	A	0.4396	0.4616	G	3.349	0.06726	0.9151
2	rs6729953	102089526	C	0.1525	0.1727	A	4.948	0.02611	0.8623
2	rs7567133	102619560	A	0.1744	0.1597	C	2.769	0.0961	1.112
2	rs6709515	103119462	G	0.5026	0.482	A	2.925	0.08723	1.086
2	rs10191917	103317007	A	0.1491	0.166	G	3.569	0.05888	0.8807
2	rs11687707	104049934	C	0.07224	0.08852	A	5.773	0.01627	0.8018
2	rs2889276	104080563	A	0.2874	0.3106	G	4.365	0.03669	0.8951
2	rs7590841	104226381	G	0.1357	0.1547	A	4.804	0.02839	0.8581
2	rs4851677	104253996	A	0.1445	0.1298	G	3.247	0.07154	1.132
2	rs6736495	105167384	A	0.1852	0.1698	G	2.91	0.08801	1.112
2	rs2376400	105168083	A	0.258	0.2758	G	2.74	0.09784	0.9131
2	rs17687727	105232399	A	0.1481	0.1745	G	8.471	0.003608	0.8223
2	rs12471644	105242230	A	0.06347	0.05189	G	4.596	0.03205	1.238
2	rs10460493	105314878	C	0.1517	0.1288	A	7.908	0.004923	1.209
2	rs11124031	105387373	A	0.2428	0.2258	G	2.833	0.09234	1.099
2	rs1914748	105402012	A	0.4959	0.4653	G	6.468	0.01098	1.13
2	rs17031627	105701721	A	0.06656	0.05694	G	2.924	0.08728	1.181
2	rs11895604	105902566	A	0.3998	0.3777	G	3.559	0.05924	1.097
2	rs2098836	105907661	G	0.202	0.1853	A	3.153	0.07577	1.113
2	rs167869	107794391	A	0.338	0.308	G	7.251	0.007085	1.147
2	rs832658	108070316	A	0.1498	0.134	C	3.648	0.05612	1.139
2	rs4149423	108282476	G	0.1321	0.156	A	7.601	0.005832	0.8233
2	rs260617	108990381	G	0.2456	0.2195	A	6.803	0.009098	1.158

					GNE_0369PR_Table1				
2	rs891425	109259642	A	0.273	0.2473	G	6.059	0.01383	1.143
2	rs6714032	109389751	G	0.07121	0.06112	A	3.006	0.08297	1.178
2	rs3761712	111272216	A	0.4345	0.4662	G	6.973	0.008275	0.8798
2	rs12474907	111301777	A	0.03683	0.04585	G	3.262	0.07089	0.7957
2	rs10864954	111683418	A	0.2018	0.2247	G	5.239	0.02209	0.8723
2	rs6749633	111704487	A	0.297	0.2774	G	3.303	0.06917	1.101
2	rs4849122	113277392	G	0.047	0.05856	A	4.263	0.03896	0.7929
2	rs1867829	113555622	A	0.07379	0.08915	G	5.103	0.02389	0.8139
2	rs13388160	113778861	G	0.3679	0.3886	A	3.115	0.0776	0.9158
2	rs12711768	113870839	A	0.5021	0.4812	G	2.997	0.08341	1.087
2	rs2921879	114048245	G	0.3674	0.3974	A	6.507	0.01074	0.8806
2	rs2166966	114234271	A	0.2254	0.2065	C	3.758	0.05257	1.119
2	rs2687625	114269732	A	0.01496	0.02098	C	3.141	0.07635	0.7087
2	rs17452458	115461787	G	0.2559	0.2359	A	3.797	0.05133	1.114
2	rs17047088	118032779	A	0.1224	0.1381	G	3.596	0.05793	0.8704
2	rs10439399	118093090	A	0.02993	0.04273	C	7.131	0.007575	0.6912
2	rs17047354	118217489	A	0.03199	0.02283	G	6.222	0.01262	1.414
2	rs6542463	118944268	G	0.3204	0.3	A	3.406	0.06496	1.1
2	rs2115055	119195159	A	0.03151	0.0243	G	3.658	0.05581	1.306
2	rs1551133	119253354	A	0.07025	0.08279	C	3.627	0.05684	0.837
2	rs11682991	119288290	A	0.2818	0.2531	G	7.454	0.006329	1.158
2	rs6718150	119293935	A	0.1491	0.1705	C	5.641	0.01755	0.8524
2	rs6719822	119326513	A	0.1152	0.1314	C	4.005	0.04537	0.8607
2	rs895401	119584178	G	0.4551	0.4271	A	5.506	0.01896	1.12
2	rs2043722	120782781	A	0.1099	0.125	G	3.642	0.05634	0.8642
2	rs11123558	120985598	A	0.05475	0.0456	G	3.249	0.07148	1.212
2	rs11679833	121023152	A	0.0774	0.06674	G	3.098	0.0784	1.173
2	rs13412688	121127900	A	0.09194	0.1049	G	3.101	0.07826	0.8644
2	rs735557	121272418	A	0.3171	0.3363	G	2.85	0.09136	0.9165
2	rs7557372	121315238	A	0.2076	0.226	C	3.35	0.06721	0.8973
2	rs2953083	121753341	A	0.437	0.4589	C	3.334	0.06786	0.9152
2	rs6714806	121753903	A	0.1426	0.1676	G	7.874	0.005016	0.8255
2	rs2580344	121763822	G	0.3617	0.3837	A	3.534	0.06011	0.9102
2	rs11684566	122038665	G	0.1474	0.1819	A	14.01	0.0001823	0.7775
2	rs7571542	122295982	A	0.227	0.207	C	4.184	0.04081	1.125
2	rs4848174	122659938	A	0.2724	0.2971	G	5.048	0.02465	0.8859
2	rs12993429	122819302	G	0.5088	0.4807	A	5.427	0.01983	1.119
2	rs6541829	122938653	G	0.2761	0.2574	A	3.136	0.0766	1.1
2	rs6725236	123111992	A	0.4783	0.5002	C	3.302	0.06918	0.9161
2	rs12464011	123207983	A	0.07276	0.08852	C	5.407	0.02005	0.808
2	rs17009035	123448600	A	0.02322	0.02995	C	2.756	0.09688	0.7699
2	rs1996588	123740566	A	0.05573	0.06569	C	2.833	0.09237	0.8394
2	rs1159139	124193341	G	0.1205	0.1061	A	3.723	0.05368	1.154
2	rs1214118	124413470	A	0.05228	0.04201	G	4.393	0.03609	1.258
2	rs1919839	124625922	A	0.3843	0.3652	C	2.708	0.09986	1.085
2	rs1881793	124634127	G	0.04959	0.05891	A	2.749	0.09731	0.8334

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2	rs10177705	124646005	A	0.1694	0.2046	G	13.26	0.0002714	0.7932
2	rs17319827	124683336	A	0.129	0.1108	G	5.687	0.0171	1.188
2	rs13384799	124852059	G	0.2588	0.2816	A	4.443	0.03505	0.8909
2	rs2059980	124862799	A	0.07696	0.06612	G	3.228	0.07238	1.178
2	rs2043072	124873311	A	0.4334	0.4057	G	5.448	0.01959	1.12
2	rs17320299	125044432	A	0.177	0.1552	G	6.194	0.01282	1.171
2	rs12471305	125186471	A	0.1806	0.1967	G	2.839	0.09201	0.9003
2	rs2901496	126225117	C	0.1941	0.2111	A	3.022	0.08213	0.8998
2	rs6732888	127232976	A	0.3187	0.2979	C	3.545	0.05974	1.102
2	rs13382758	127383873	A	0.4133	0.4329	G	2.707	0.09994	0.9228
2	rs1469979	127612702	A	0.2368	0.2631	G	6.173	0.01297	0.8693
2	rs2896885	127626734	A	0.3427	0.3825	G	11.6	0.0006612	0.8417
2	rs11693296	128057325	A	0.16	0.1787	G	4.146	0.04172	0.8754
2	rs714129	128777922	G	0.2211	0.2046	A	2.846	0.09162	1.103
2	rs882275	128842442	C	0.5031	0.4774	A	4.558	0.03277	1.108
2	rs7564226	129017050	A	0.4132	0.3881	C	4.553	0.03287	1.11
2	rs841452	129077164	G	0.07557	0.06477	A	3.255	0.0712	1.18
2	rs6723103	129137846	A	0.1336	0.1493	G	3.373	0.06628	0.8788
2	rs7570620	129917743	G	0.05831	0.06833	A	2.764	0.09642	0.8442
2	rs11683316	130170549	A	0.04231	0.05452	C	5.11	0.02379	0.7661
2	rs4662665	130285122	A	0.1398	0.1571	G	3.923	0.04764	0.8722
2	rs4233600	130362643	A	0.2415	0.2594	G	2.891	0.0891	0.909
2	rs3739122	130847995	A	0.1824	0.2012	G	3.82	0.05065	0.8856
2	rs1134119	131240141	G	0.05573	0.06964	A	5.26	0.02182	0.7884
2	rs13011826	131630364	G	0.3529	0.3734	A	3.102	0.07821	0.9152
2	rs4082157	132782514	A	0.124	0.1391	G	3.342	0.06753	0.8756
2	rs964842	133131640	C	0.06825	0.07944	A	2.991	0.08372	0.8488
2	rs2577634	133400128	C	0.3223	0.3444	A	3.724	0.05364	0.9055
2	rs10496695	133444695	G	0.03719	0.04725	A	3.965	0.04646	0.7788
2	rs1437908	133514509	G	0.03922	0.05121	A	5.235	0.02214	0.7562
2	rs1437895	133569271	A	0.4483	0.4783	G	6.205	0.01274	0.8865
2	rs1434231	133642409	G	0.3225	0.2985	A	4.711	0.02996	1.119
2	rs12623281	133913771	G	0.1734	0.1896	A	2.96	0.08532	0.8968
2	rs1432282	134070569	A	0.434	0.457	G	3.694	0.05461	0.9109
2	rs10496708	134153826	A	0.03096	0.022	G	6.161	0.01306	1.42
2	rs1446733	134325633	A	0.434	0.4588	G	4.283	0.0385	0.9044
2	rs13383710	134340004	G	0.305	0.3323	A	5.848	0.01559	0.8815
2	rs1530572	134354969	A	0.1968	0.2135	G	2.871	0.09018	0.9028
2	rs12475141	134358209	A	0.2916	0.3135	G	3.857	0.04953	0.9014
2	rs7582472	134361264	G	0.2234	0.2056	A	3.348	0.06727	1.112
2	rs873971	134431117	A	0.06405	0.05475	G	2.831	0.09247	1.181
2	rs6430476	134436403	G	0.2513	0.2699	A	3.031	0.08167	0.9081
2	rs901225	134444137	A	0.1238	0.1402	G	3.895	0.04842	0.8665
2	rs1271066	134705401	G	0.2244	0.2467	A	4.661	0.03086	0.8831
2	rs10928526	135462192	G	0.2183	0.2418	A	5.236	0.02213	0.8757
2	rs11893318	136463555	G	0.1094	0.1304	A	6.841	0.008908	0.8188

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2	rs10153556	137087781	A	0.02219	0.03071	G	4.341	0.03721	0.7161
2	rs16837695	137435885	C	0.04283	0.05152	A	2.715	0.09938	0.8237
2	rs1897419	137473187	A	0.2131	0.2298	G	2.734	0.09826	0.9077
2	rs13034924	137648565	G	0.05108	0.06338	A	4.481	0.03428	0.7956
2	rs6749316	137789970	A	0.4488	0.4278	G	3.091	0.07871	1.089
2	rs998288	138142198	G	0.4326	0.4572	A	4.188	0.0407	0.9052
2	rs12470170	139044734	A	0.02634	0.03904	C	7.669	0.005618	0.666
2	rs1351919	139336566	G	0.4415	0.4137	A	5.48	0.01924	1.12
2	rs16841451	139452869	G	0.0387	0.04948	A	4.361	0.03677	0.7734
2	rs13007200	140436827	C	0.1311	0.1143	A	4.724	0.02974	1.169
2	rs4954669	140600616	C	0.3958	0.3725	A	3.969	0.04636	1.103
2	rs6430872	140608609	A	0.237	0.2593	G	4.442	0.03506	0.8876
2	rs1033316	141842203	C	0.1259	0.1067	A	6.572	0.01036	1.206
2	rs6753877	141926998	G	0.1045	0.09178	A	3.266	0.07072	1.154
2	rs10193328	142234138	G	0.2181	0.2367	A	3.319	0.06847	0.8993
2	rs16857374	142994021	A	0.0274	0.02017	C	4.391	0.03614	1.369
2	rs17796043	143132562	A	0.1011	0.114	G	2.855	0.09109	0.8745
2	rs2043931	143512151	C	0.07482	0.09069	A	5.362	0.02058	0.8109
2	rs16858783	143668335	A	0.02495	0.03234	G	3.067	0.07988	0.7655
2	rs10928169	143770048	G	0.354	0.3905	A	9.734	0.001809	0.855
2	rs2381464	143825400	A	0.09659	0.08051	G	5.9	0.01514	1.221
2	rs2292834	144202639	G	0.03254	0.04114	A	3.305	0.06907	0.7839
2	rs16822986	144220164	G	0.1606	0.1421	A	4.792	0.02859	1.155
2	rs6707998	144608828	C	0.3667	0.3444	A	3.741	0.0531	1.102
2	rs6707579	144647582	A	0.01344	0.02402	G	8.621	0.003323	0.5537
2	rs17689833	145014793	C	0.2013	0.1699	A	11.85	0.0005772	1.231
2	rs1438901	145470967	G	0.05527	0.06837	A	4.735	0.02955	0.7972
2	rs6740528	145552227	A	0.0743	0.09223	C	6.75	0.009373	0.7901
2	rs10188215	145798910	G	0.1174	0.1048	A	2.871	0.09017	1.136
2	rs10445672	145821724	G	0.1412	0.1651	A	7.263	0.00704	0.8311
2	rs13015680	145958037	A	0.05062	0.03872	G	6.35	0.01174	1.324
2	rs10185841	145977765	A	0.2879	0.3062	G	2.709	0.09976	0.9164
2	rs7573795	146065333	G	0.04649	0.06454	A	9.581	0.001966	0.7066
2	rs2381750	146098706	A	0.1179	0.09958	C	6.326	0.0119	1.208
2	rs10181805	148053633	A	0.1792	0.2009	C	5.069	0.02436	0.8683
2	rs6708653	148087998	A	0.2368	0.2577	G	3.936	0.04726	0.894
2	rs1950048	148185000	A	0.1273	0.1141	G	2.966	0.08504	1.133
2	rs12617242	148880518	A	0.1042	0.09252	G	2.783	0.09528	1.141
2	rs16829355	149306740	G	0.09752	0.1108	A	3.136	0.0766	0.867
2	rs12622062	149622315	G	0.4551	0.4862	A	6.68	0.00975	0.8826
2	rs11897524	149918138	A	0.3297	0.352	G	3.772	0.05212	0.9055
2	rs7580915	150146280	G	0.1854	0.202	A	2.967	0.08498	0.8991
2	rs7588167	150450713	A	0.1187	0.1332	C	3.165	0.07525	0.8766
2	rs1347718	150595803	C	0.3344	0.313	A	3.661	0.05569	1.103
2	rs10191063	150660771	A	0.09452	0.08165	G	3.753	0.05272	1.174
2	rs6710586	150968193	A	0.4964	0.4766	G	2.71	0.09973	1.082

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2	rs2139425	151292578	C	0.379	0.3998	A	3.104	0.0781	0.9163
2	rs12478205	151586379	G	0.06966	0.08483	A	5.206	0.02251	0.8078
2	rs4664493	152200570	G	0.3509	0.372	A	3.302	0.06918	0.9125
2	rs10172230	153106722	C	0.4146	0.3905	A	4.18	0.04091	1.105
2	rs13383274	153652932	G	0.4845	0.4578	A	4.94	0.02624	1.113
2	rs6434394	153700547	A	0.1013	0.08592	G	5.122	0.02362	1.2
2	rs10497126	153705304	A	0.1192	0.1045	G	3.93	0.04744	1.16
2	rs16832680	153864912	A	0.1772	0.1624	G	2.74	0.09784	1.11
2	rs4294952	154035019	A	0.2436	0.2613	G	2.829	0.09257	0.9102
2	rs1344655	154046563	A	0.1754	0.1606	G	2.786	0.09509	1.112
2	rs10931682	154122702	G	0.3426	0.3678	A	4.736	0.02954	0.8957
2	rs7557254	154284003	G	0.07998	0.06607	A	5.297	0.02136	1.229
2	rs13414624	154612976	A	0.01445	0.02073	C	3.467	0.0626	0.6925
2	rs1405935	154946405	G	0.07696	0.06549	A	3.641	0.05637	1.19
2	rs1429256	155080308	A	0.1132	0.1001	G	3.213	0.07307	1.147
2	rs16839402	156231566	G	0.1055	0.12	A	3.495	0.06154	0.8644
2	rs10177924	156641799	G	0.3225	0.3039	A	2.797	0.09446	1.09
2	rs2001859	156681361	A	0.06244	0.07278	G	2.773	0.09585	0.8485
2	rs4664836	157298915	G	0.3673	0.3292	A	11.21	0.0008147	1.182
2	rs6756958	157845179	A	0.01548	0.02118	G	2.787	0.09502	0.7265
2	rs17205728	159584833	A	0.04725	0.03772	G	4.183	0.04083	1.265
2	rs11693113	159770854	A	0.05212	0.04364	G	2.911	0.08795	1.205
2	rs16844045	160030902	G	0.1732	0.1917	A	3.846	0.04986	0.8831
2	rs12052592	161433112	G	0.09185	0.0805	A	2.96	0.08533	1.155
2	rs1722636	161490019	A	0.2083	0.2289	G	4.149	0.04166	0.8865
2	rs2160711	162686211	G	0.01496	0.02276	A	4.9	0.02686	0.6521
2	rs1462165	163924064	A	0.1508	0.1319	G	5.329	0.02097	1.169
2	rs2704357	164113974	G	0.4092	0.433	A	3.984	0.04593	0.907
2	rs2231895	164177073	A	0.0516	0.04145	C	4.358	0.03683	1.258
2	rs2028406	164180351	A	0.1997	0.2196	G	4.024	0.04485	0.8866
2	rs6724963	165409823	A	0.2136	0.1918	G	5.245	0.02201	1.145
2	rs10184126	165535189	A	0.4623	0.4426	C	2.718	0.09924	1.083
2	rs16852031	166931484	A	0.1064	0.1201	C	3.08	0.07924	0.8726
2	rs13017982	167034898	G	0.1404	0.1571	A	3.694	0.05461	0.8759
2	rs6734498	168420287	A	0.03802	0.04778	G	3.659	0.05577	0.7877
2	rs1901834	169173749	A	0.08101	0.06843	G	4.205	0.0403	1.2
2	rs3845727	169358617	G	0.358	0.3872	A	6.176	0.01295	0.8827
2	rs477224	169458729	G	0.3673	0.3382	A	6.455	0.01106	1.136
2	rs3755157	169500417	A	0.1219	0.1066	G	4.167	0.04121	1.163
2	rs3770582	169528070	A	0.4132	0.3916	G	3.372	0.06632	1.094
2	rs17267869	169531654	G	0.1517	0.1672	A	2.991	0.08373	0.8909
2	rs7568568	169843461	G	0.09288	0.07983	A	3.936	0.04726	1.18
2	rs2247506	169872014	G	0.2324	0.2026	A	9.389	0.002183	1.192
2	rs13014164	169979477	C	0.1945	0.1752	A	4.434	0.03522	1.137
2	rs6738458	170334571	A	0.4029	0.4261	G	3.793	0.05148	0.9089
2	rs12692924	170337547	A	0.2028	0.1795	C	6.306	0.01203	1.163

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2	rs12624234	170357595	A	0.05831	0.04884	G	3.261	0.07093	1.206
2	rs12998375	170565670	G	0.0645	0.05062	A	6.721	0.009526	1.293
2	rs1401283	170843292	A	0.3613	0.3385	G	3.967	0.0464	1.106
2	rs7564572	170995522	C	0.1017	0.1166	A	3.791	0.05153	0.8573
2	rs12620713	171001730	G	0.291	0.3142	A	4.31	0.0379	0.8961
2	rs1837241	171017898	G	0.3537	0.3307	A	4.081	0.04338	1.107
2	rs10515938	171098475	G	0.09025	0.07867	A	3.131	0.07681	1.162
2	rs10490079	171146915	A	0.1409	0.1275	G	2.725	0.09878	1.122
2	rs10803852	171373955	A	0.08514	0.06991	G	6.02	0.01414	1.238
2	rs4667680	171813309	A	0.1734	0.1524	G	5.794	0.01608	1.166
2	rs2249572	172133710	G	0.1078	0.1208	A	2.776	0.09571	0.8794
2	rs6739381	174249536	G	0.2794	0.2541	A	5.782	0.01619	1.138
2	rs6706297	172746921	A	0.1067	0.1251	C	5.394	0.0202	0.8353
2	rs17726833	172988526	A	0.4267	0.4042	G	3.605	0.05762	1.097
2	rs2113807	173492904	A	0.313	0.3339	G	3.38	0.06599	0.9091
2	rs3769232	173583704	G	0.2709	0.2911	A	3.429	0.06406	0.9048
2	rs4972525	173585166	A	0.3328	0.305	G	6.252	0.01241	1.137
2	rs4972554	173929263	C	0.1316	0.1481	A	3.775	0.05202	0.8715
2	rs1865236	173975527	A	0.3388	0.3628	G	4.278	0.03861	0.9003
2	rs6739381	174249536	A	0.07851	0.05973	G	10.49	0.001203	1.341
2	rs4972666	175047750	C	0.2963	0.278	A	2.867	0.09042	1.094
2	rs10189097	176392769	A	0.2285	0.2049	G	5.849	0.01559	1.149
2	rs10930713	176424900	A	0.1424	0.1598	G	3.916	0.04782	0.8732
2	rs921084	176461077	G	0.2433	0.2107	A	10.8	0.001016	1.204
2	rs1447587	176611606	G	0.06528	0.07708	A	3.414	0.06466	0.8363
2	rs2166512	176779427	G	0.3996	0.3743	A	4.695	0.03024	1.113
2	rs1513887	177281358	G	0.3199	0.3422	A	3.824	0.05052	0.904
2	rs1355855	177300775	A	0.08772	0.07151	G	6.674	0.009783	1.248
2	rs6433615	177362003	G	0.161	0.1447	A	3.661	0.05571	1.134
2	rs17683574	177643617	C	0.1883	0.1693	A	4.385	0.03626	1.138
2	rs6433691	178260204	A	0.07859	0.09772	G	7.285	0.006954	0.7876
2	rs259834	180469628	A	0.3514	0.3325	G	2.758	0.09677	1.087
2	rs1518406	180723462	A	0.04442	0.03637	G	3.114	0.07763	1.232
2	rs1962661	181018761	A	0.1507	0.1354	G	3.402	0.0651	1.133
2	rs2583008	182280747	A	0.1455	0.1317	C	2.864	0.09056	1.123
2	rs17649232	182712983	G	0.06412	0.07684	A	3.997	0.04559	0.8231
2	rs2118484	182874880	G	0.1873	0.206	A	3.7	0.05441	0.8885
2	rs13025979	186573851	A	0.09937	0.08232	G	6.426	0.01125	1.23
2	rs4667193	188334459	A	0.2319	0.2616	G	7.918	0.004895	0.8522
2	rs4667287	190140120	C	0.1188	0.09964	A	6.923	0.008512	1.218
2	rs13420500	190643119	A	0.1898	0.2081	G	3.547	0.05965	0.8911
2	rs880253	191337931	A	0.05882	0.07306	G	5.27	0.02169	0.7929
2	rs16833157	191570643	A	0.04386	0.05367	G	3.332	0.06794	0.8088
2	rs17439519	191838465	G	0.1044	0.09185	A	3.231	0.07226	1.153
2	rs13431098	191937837	G	0.3998	0.4229	A	3.768	0.05225	0.9091
2	rs9751523	192049711	G	0.2224	0.2057	A	2.928	0.08705	1.104

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2	rs7574064	192137428	A	0.2805	0.258	G	4.502	0.03385	1.121
2	rs12987614	192157111	G	0.3277	0.3482	A	3.214	0.07303	0.9123
2	rs11682444	192290964	A	0.1228	0.1403	G	4.417	0.03558	0.858
2	rs13413029	192683449	A	0.1229	0.1388	C	3.673	0.05529	0.8696
2	rs16830373	195461502	G	0.01961	0.02625	A	3.057	0.08041	0.742
2	rs6755097	195824324	A	0.05062	0.06017	G	2.826	0.09272	0.8328
2	rs12993399	197786122	A	0.4669	0.4959	G	5.786	0.01615	0.8903
2	rs6434921	197828442	A	0.4328	0.3994	G	7.993	0.004695	1.148
2	rs2712867	197843657	G	0.1736	0.1896	A	2.917	0.08764	0.8975
2	rs11680034	199348665	G	0.2841	0.2607	A	4.856	0.02754	1.125
2	rs7587759	199365265	A	0.1094	0.1258	G	4.282	0.03852	0.8535
2	rs12693889	200181903	A	0.2064	0.187	G	4.255	0.03912	1.131
2	rs13012419	200189576	A	0.1197	0.149	C	11.9	0.0005615	0.7766
2	rs1966826	200234674	G	0.1975	0.1765	A	5.166	0.02303	1.148
2	rs12615435	200346754	C	0.09161	0.08009	A	3.058	0.08032	1.158
2	rs4129010	202016570	C	0.3683	0.3487	A	2.908	0.08814	1.089
2	rs6737136	202295511	G	0.0281	0.03948	A	6.035	0.01403	0.7033
2	rs10210937	202536911	C	0.241	0.2836	A	15.56	7.993e-05	0.802
2	rs16838805	202662032	A	0.09856	0.1129	C	3.582	0.05839	0.8591
2	rs3181096	204278337	A	0.387	0.3605	G	5.216	0.02237	1.12
2	rs4675377	204522921	G	0.2087	0.23	A	4.469	0.03451	0.8827
2	rs10497874	204572083	G	0.04309	0.05339	A	3.668	0.05546	0.7986
2	rs13419001	204690153	A	0.0547	0.06857	G	5.307	0.02124	0.786
2	rs1344637	204697791	C	0.3699	0.4021	A	7.424	0.006436	0.873
2	rs6730424	204739314	A	0.2705	0.2529	C	2.793	0.09469	1.095
2	rs4673287	204744658	G	0.3304	0.3519	A	3.509	0.06104	0.9087
2	rs16840902	204797507	G	0.04029	0.02817	A	8.844	0.002941	1.448
2	rs13420393	204822035	G	0.158	0.1377	A	5.903	0.01511	1.175
2	rs2353849	204885752	A	0.3251	0.3052	C	3.197	0.07379	1.096
2	rs4386305	204951144	C	0.09504	0.07689	A	7.818	0.005174	1.261
2	rs921163	205045645	C	0.09143	0.1044	A	3.136	0.07657	0.8633
2	rs4673301	205076703	G	0.04902	0.04051	A	3.148	0.07601	1.221
2	rs13024480	205139496	A	0.1883	0.1704	G	3.839	0.05007	1.129
2	rs1355342	205507958	G	0.05934	0.06933	A	2.708	0.09982	0.8468
2	rs7559302	205659848	A	0.3349	0.315	C	3.137	0.07653	1.095
2	rs1468997	205743311	G	0.3596	0.382	A	3.665	0.05557	0.9086
2	rs698906	205967382	A	0.1207	0.1358	G	3.386	0.06574	0.8736
2	rs849575	206313425	C	0.1213	0.1365	A	3.419	0.06444	0.8732
2	rs872943	206335718	G	0.08772	0.1035	A	4.678	0.03056	0.8332
2	rs13017212	206428563	G	0.1852	0.2038	A	3.69	0.05473	0.8882
2	rs17286674	206636095	A	0.3256	0.3553	G	6.671	0.009798	0.876
2	rs13396148	207192617	A	0.08204	0.06656	G	6.506	0.01075	1.253
2	rs16838475	207245852	C	0.2182	0.1997	A	3.642	0.05635	1.118
2	rs10490746	207262512	A	0.03874	0.04724	G	2.819	0.09314	0.8128
2	rs17537246	208452799	C	0.07018	0.05958	A	3.393	0.06547	1.191
2	rs10932216	208519529	A	0.2559	0.2765	G	3.642	0.05633	0.9003

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2	rs6705199	208528497	G	0.4214	0.3947	A	5.11	0.02379	1.117
2	rs6738940	208751208	A	0.1961	0.1767	G	4.412	0.03568	1.136
2	rs6734788	208801314	A	0.1395	0.1257	G	2.941	0.08637	1.127
2	rs3769521	208824998	A	0.1821	0.1645	G	3.881	0.04885	1.131
2	rs13020347	209224566	G	0.3944	0.429	A	8.397	0.003759	0.8668
2	rs6732651	209367467	G	0.3555	0.375	A	2.802	0.09415	0.9193
2	rs2365661	210100082	G	0.2882	0.2665	A	4.137	0.04195	1.115
2	rs4673558	211370142	A	0.209	0.2519	G	17.09	3.571e-05	0.7846
2	rs10497948	212200371	G	0.2389	0.2198	A	3.662	0.05566	1.114
2	rs2272024	212252325	G	0.1094	0.09566	A	3.707	0.05419	1.161
2	rs2371276	212263330	A	0.4577	0.4786	G	3.01	0.08273	0.9196
2	rs7425448	212266785	A	0.1584	0.1759	G	3.676	0.0552	0.8818
2	rs7564926	212670237	G	0.1524	0.1696	A	3.652	0.05601	0.8804
2	rs12621602	212744435	C	0.08101	0.0943	A	3.619	0.05713	0.8466
2	rs2371702	213286414	A	0.1372	0.1539	G	3.723	0.05366	0.8741
2	rs12617621	213300030	G	0.0379	0.02881	A	4.907	0.02675	1.328
2	rs1038323	213469786	C	0.4381	0.4585	A	2.91	0.08805	0.9206
2	rs7566816	213473606	A	0.03164	0.04236	G	4.995	0.02542	0.7387
2	rs4672667	213506125	G	0.4974	0.4733	A	4.015	0.04509	1.101
2	rs4673711	213537927	A	0.3427	0.313	G	7	0.008153	1.144
2	rs10497988	213558012	G	0.3295	0.3067	A	4.2	0.04042	1.111
2	rs13007961	213822026	A	0.08978	0.1075	C	5.754	0.01646	0.8187
2	rs11675561	214595267	A	0.5165	0.4954	G	3.088	0.07885	1.088
2	rs12617276	214769338	A	0.438	0.4112	C	5.102	0.02319	1.116
2	rs10932540	215092233	A	0.1538	0.1705	G	3.438	0.0637	0.8841
2	rs4672722	215221675	G	0.4355	0.4574	A	3.329	0.06805	0.9153
2	rs1404772	215918544	C	0.05843	0.07358	A	5.925	0.01493	0.7813
2	rs3770560	216574684	A	0.1391	0.1544	G	3.1	0.07829	0.8852
2	rs1882420	217559754	A	0.1305	0.1177	C	2.734	0.09823	1.126
2	rs16856893	217645298	A	0.1739	0.1533	G	5.55	0.01848	1.162
2	rs2373078	218100800	A	0.1176	0.1052	G	2.793	0.09465	1.134
2	rs11686077	218166274	G	0.1486	0.166	A	3.809	0.05098	0.8769
2	rs890049	218453131	A	0.4519	0.4241	G	5.458	0.01948	1.12
2	rs3791904	218513229	G	0.09401	0.08243	A	3.012	0.08266	1.155
2	rs1427667	218602372	G	0.144	0.1304	A	2.789	0.09492	1.122
2	rs359980	219537450	G	0.03409	0.04216	A	2.839	0.09198	0.8018
2	rs2305054	220214766	A	0.1429	0.1581	G	3	0.08325	0.8882
2	rs7604568	220297865	G	0.4892	0.4641	A	4.334	0.03735	1.106
2	rs1425033	220415607	A	0.08204	0.09584	C	3.845	0.0499	0.8432
2	rs7590480	220420289	G	0.3354	0.3616	A	5.161	0.0231	0.8909
2	rs17288469	220481666	A	0.1058	0.1248	C	5.822	0.01583	0.8292
2	rs1991108	220611959	A	0.1674	0.1517	G	3.256	0.07117	1.124
2	rs1454538	220916994	A	0.01861	0.03096	G	9.129	0.002515	0.5938
2	rs7591149	221351884	G	0.1011	0.1163	A	3.911	0.04796	0.8549
2	rs7590147	221390074	C	0.2115	0.2284	A	2.807	0.09387	0.9062
2	rs4674556	221397282	A	0.5109	0.4881	C	3.567	0.05893	1.095

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2	rs2136492	221413193	C	0.04334	0.03309	A	5.486	0.01917	1.324
2	rs10932892	221505484	A	0.2454	0.2636	G	2.966	0.08502	0.9083
2	rs4359642	221858993	A	0.0718	0.06058	G	3.738	0.05319	1.199
2	rs1430246	221887111	G	0.03767	0.05151	A	6.958	0.008342	0.7208
2	rs1346800	221888921	A	0.4349	0.4563	C	3.165	0.07523	0.9173
2	rs11902772	222603680	G	0.03575	0.0276	A	4.125	0.04225	1.306
2	rs13389057	222645236	G	0.02996	0.03871	A	3.631	0.05672	0.767
2	rs1367415	222817246	G	0.1302	0.1468	A	3.856	0.04955	0.8696
2	rs4416206	223018164	G	0.2601	0.2414	A	3.269	0.0706	1.105
2	rs1836938	223175825	A	0.03027	0.02396	C	2.828	0.09261	1.272
2	rs6739216	223259391	G	0.1689	0.1536	A	3.092	0.07868	1.12
2	rs4673048	223619747	A	0.1927	0.2098	C	3.066	0.07994	0.8989
2	rs7597538	223963925	G	0.02223	0.02955	A	3.298	0.06935	0.7469
2	rs1250905	224160232	G	0.1027	0.1185	A	4.157	0.04147	0.8514
2	rs2894511	224174071	C	0.04494	0.05454	A	3.137	0.07651	0.8157
2	rs893451	224278593	G	0.0516	0.06461	A	4.937	0.02628	0.7876
2	rs10176854	224284646	G	0.2715	0.301	A	7.143	0.007525	0.8656
2	rs582758	224313558	C	0.02847	0.02208	A	3.158	0.07557	1.298
2	rs10498162	225084138	A	0.07534	0.095	G	7.92	0.004888	0.7762
2	rs6717059	225373437	A	0.4701	0.447	G	3.695	0.05456	1.097
2	rs998464	225742857	A	0.1146	0.1289	C	3.209	0.07324	0.8741
2	rs6728230	225825209	A	0.07373	0.08825	C	4.574	0.03247	0.8223
2	rs2396306	226894008	A	0.06263	0.08101	G	7.991	0.0047	0.7579
2	rs1392844	227173057	G	0.3259	0.3492	A	4.107	0.04271	0.9012
2	rs6725556	227375236	G	0.06139	0.07299	A	3.46	0.06287	0.8307
2	rs7587228	227885723	G	0.1054	0.09338	A	2.891	0.08906	1.144
2	rs7567984	228276211	A	0.2771	0.2975	G	3.469	0.06253	0.9049
2	rs13002078	228298146	G	0.1848	0.2055	A	4.549	0.03293	0.8765
2	rs4284828	228342784	A	0.4487	0.4266	G	3.432	0.06395	1.094
2	rs1721373	228507040	A	0.1182	0.1052	C	3.036	0.08145	1.14
2	rs4530360	228659024	G	0.289	0.2707	A	2.91	0.08804	1.095
2	rs17475974	229664251	A	0.06192	0.07578	C	4.823	0.02808	0.805
2	rs2159723	229753516	A	0.1058	0.09024	G	4.981	0.02562	1.193
2	rs6736122	229773255	A	0.281	0.3122	G	7.853	0.005073	0.8611
2	rs6721342	230056269	G	0.1369	0.1595	A	6.653	0.0099	0.8358
2	rs1861617	230200655	A	0.09907	0.08769	G	2.759	0.09673	1.144
2	rs17678034	230236045	A	0.3942	0.3738	G	3.059	0.08028	1.09
2	rs12475755	230643998	A	0.2946	0.2722	G	4.363	0.03673	1.117
2	rs4613264	230651695	G	0.3927	0.4278	A	8.721	0.003145	0.8648
2	rs6727261	230734318	G	0.2797	0.3004	A	3.542	0.05985	0.9042
2	rs6436917	230746404	A	0.2045	0.1884	G	2.905	0.08832	1.107
2	rs6756713	230931627	G	0.1037	0.119	A	3.895	0.04843	0.8567
2	rs17273810	231017461	A	0.1073	0.09507	C	2.978	0.08442	1.144
2	rs2288356	231148799	C	0.4282	0.4605	A	7.25	0.007091	0.8773
2	rs4972966	231209711	G	0.2049	0.1831	A	5.408	0.02004	1.149
2	rs3111779	231501259	A	0.09856	0.1117	G	3.025	0.08197	0.8697

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2	rs12694884	231583530	A	0.3011	0.3213	C	3.23	0.07228	0.9101
2	rs6436988	231599774	A	0.3941	0.3657	G	5.972	0.01454	1.128
2	rs7594399	231958642	A	0.0418	0.05757	C	8.143	0.004323	0.714
2	rs11890076	231984726	A	0.1233	0.1457	G	7.067	0.007852	0.8245
2	rs10186875	232002624	A	0.1665	0.186	G	4.366	0.03667	0.8742
2	rs2070936	232284675	G	0.2394	0.2645	A	5.63	0.01766	0.8752
2	rs2679180	232464772	G	0.2841	0.3068	A	4.196	0.04052	0.8966
2	rs3748971	232958927	A	0.06567	0.0779	G	3.644	0.05627	0.8319
2	rs2741331	232996993	C	0.07998	0.09479	A	4.481	0.03428	0.8301
2	rs17360319	233089850	A	0.1012	0.08895	G	3.171	0.07497	1.154
2	rs2344309	233162836	G	0.4312	0.4672	A	9.001	0.002699	0.8643
2	rs4603757	233653564	A	0.08161	0.09324	C	2.788	0.09495	0.8642
2	rs7569837	233742470	G	0.2619	0.244	A	2.956	0.08556	1.099
2	rs4663351	234642717	G	0.06914	0.08063	A	3.116	0.07753	0.8469
2	rs250928	234673620	G	0.4985	0.4707	A	5.337	0.02088	1.118
2	rs1860700	234704294	A	0.1649	0.1407	G	8.266	0.00404	1.207
2	rs7368976	234821858	G	0.4668	0.4929	A	4.686	0.0304	0.9007
2	rs11900995	235057632	A	0.1373	0.1219	G	3.734	0.05333	1.146
2	rs4663448	235194642	G	0.1209	0.1357	A	3.273	0.07042	0.8756
2	rs11689555	235653029	A	0.1022	0.08497	G	6.435	0.01119	1.225
2	rs11676027	235693599	A	0.07873	0.06401	G	6.04	0.01399	1.25
2	rs11681908	235702784	A	0.1044	0.09018	G	4.136	0.04199	1.176
2	rs4536605	235705674	G	0.1801	0.1985	A	3.692	0.05468	0.8871
2	rs6735106	235768892	C	0.03251	0.04104	A	3.26	0.071	0.7852
2	rs1864713	235893309	G	0.2554	0.2751	A	3.363	0.06666	0.904
2	rs4663587	236028545	G	0.2195	0.2004	A	3.863	0.04936	1.122
2	rs3754669	236282475	A	0.1458	0.132	G	2.835	0.09221	1.122
2	rs6431421	236613858	G	0.1631	0.1836	A	4.926	0.02645	0.866
2	rs2720100	237255078	A	0.4504	0.479	G	5.645	0.01751	0.8914
2	rs13419340	237325521	G	0.08669	0.09843	A	2.715	0.09944	0.8693
2	rs2573718	237582343	C	0.3102	0.2858	A	5.027	0.02495	1.124
2	rs6728906	237843445	A	0.4995	0.4782	G	3.131	0.0768	1.089
2	rs4496283	237862478	C	0.436	0.4129	A	3.76	0.0525	1.099
2	rs6759927	237892658	G	0.3363	0.3125	A	4.486	0.03418	1.114
2	rs7588511	238014679	A	0.02477	0.03323	C	3.95	0.04687	0.7389
2	rs4663752	238175819	C	0.1605	0.1756	A	2.754	0.09701	0.8973
2	rs6431565	238501422	A	0.3395	0.3204	C	2.9	0.08856	1.091
2	rs1562337	238672942	A	0.3999	0.4251	G	4.479	0.03431	0.9013
2	rs3795904	238767329	A	0.354	0.3266	G	5.854	0.01554	1.13
2	rs11674589	239303520	A	0.2562	0.2336	G	4.897	0.0269	1.13
2	rs709274	239996908	C	0.2276	0.2009	A	7.535	0.006053	1.172
2	rs11124222	240319381	A	0.02944	0.02324	G	2.844	0.09174	1.275
2	rs7578040	240350392	A	0.03973	0.02939	G	6.231	0.01255	1.366
2	rs10193614	240589309	G	0.1094	0.1261	A	4.417	0.03558	0.8514
2	rs4854020	240736942	A	0.03406	0.04424	G	4.336	0.03731	0.7617
2	rs12478463	240766087	A	0.3117	0.2929	C	2.933	0.08679	1.093

GNE_0369PR_TableS1									
2	rs10170009	240861890	A	0.2035	0.2203	C	2.814	0.09343	0.9046
2	rs10175936	240869746	G	0.02443	0.0332	A	4.224	0.03985	0.7292
2	rs12996674	240932841	G	0.02786	0.04078	A	7.608	0.005811	0.6743
2	rs9646893	241115609	A	0.1244	0.1063	G	5.835	0.01571	1.194
2	rs11680323	241181631	G	0.1152	0.101	A	3.773	0.05207	1.159
2	rs10933620	241198519	A	0.3653	0.392	G	5.168	0.02301	0.8927
2	rs10804410	241235552	A	0.0614	0.07619	C	5.466	0.01939	0.7932
2	rs3732341	241304217	A	0.4711	0.4918	G	2.96	0.08535	0.9204
2	rs1540528	241767359	A	0.2546	0.2321	G	4.868	0.02735	1.13
2	rs12469535	242692820	A	0.09752	0.1111	G	3.273	0.07041	0.8643
3	rs3956142	285616	G	0.2771	0.2495	A	6.979	0.008247	1.153
3	rs17526472	346087	A	0.03481	0.04439	G	3.744	0.05298	0.7763
3	rs7649544	353069	C	0.08153	0.09648	A	4.492	0.03406	0.8313
3	rs1988234	464181	C	0.07585	0.06562	A	2.897	0.08872	1.169
3	rs10510204	981912	A	0.4267	0.4061	G	3.015	0.08248	1.088
3	rs2729140	1103796	A	0.4567	0.4822	G	4.528	0.03334	0.9023
3	rs155230	1332380	A	0.1099	0.09724	G	3.114	0.07762	1.146
3	rs3916111	1415124	C	0.1667	0.1524	A	2.712	0.0996	1.113
3	rs17193526	1475657	C	0.151	0.1302	A	6.488	0.01086	1.188
3	rs9856251	1486108	G	0.05739	0.04822	A	3.099	0.07835	1.202
3	rs459532	1591971	A	0.02838	0.03797	C	4.461	0.03468	0.7401
3	rs576453	1597574	G	0.1847	0.2005	A	2.711	0.09966	0.9032
3	rs9310485	1616389	G	0.1336	0.1155	A	5.507	0.01894	1.182
3	rs4593008	2034893	C	0.29	0.3152	A	5.102	0.0239	0.8873
3	rs2727926	2120996	A	0.4598	0.4805	G	2.969	0.08486	0.9201
3	rs7641285	2222857	G	0.2975	0.2765	A	3.77	0.05217	1.108
3	rs9310707	2307104	A	0.3377	0.3575	G	2.937	0.08659	0.9163
3	rs17013501	2396201	A	0.329	0.3106	G	2.713	0.09953	1.088
3	rs6793017	2554127	A	0.2069	0.2271	G	4.022	0.04492	0.8881
3	rs2046037	2575804	G	0.2407	0.2162	A	6.07	0.01375	1.149
3	rs11707897	2589626	G	0.1976	0.1807	A	3.316	0.06859	1.117
3	rs2728063	2614829	A	0.204	0.224	G	3.99	0.04578	0.8879
3	rs2616591	2614861	G	0.2977	0.3206	A	4.147	0.0417	0.8983
3	rs1033237	2745914	A	0.08101	0.07001	G	3.157	0.0756	1.171
3	rs975334	2821316	A	0.3971	0.3777	G	2.752	0.09713	1.085
3	rs7641289	2896404	G	0.3957	0.4162	A	3.004	0.08306	0.9182
3	rs7629924	3042850	G	0.08308	0.1	A	5.598	0.01798	0.8152
3	rs7617493	3055200	G	0.4151	0.4409	A	4.629	0.03143	0.9002
3	rs6793085	3117423	A	0.4654	0.4899	G	4.129	0.04215	0.9066
3	rs1278150	3140907	G	0.5196	0.4919	A	5.295	0.02138	1.117
3	rs6768756	3220509	A	0.2619	0.2367	G	5.987	0.01441	1.144
3	rs4685616	3224106	G	0.02689	0.04076	A	8.792	0.003026	0.6502
3	rs7622674	3273121	A	0.16	0.1841	G	6.777	0.009233	0.8438
3	rs13091627	3318318	G	0.1097	0.09722	A	3.028	0.08184	1.144
3	rs1508738	3389001	A	0.4151	0.4424	G	5.19	0.02271	0.8946
3	rs1601375	3435353	G	0.3328	0.3085	A	4.773	0.0289	1.118

GNE_0369PR_TableS1									
3	rs17031680	3472291	A	0.04145	0.05247	G	4.29	0.03834	0.7809
3	rs17293711	3665221	G	0.1347	0.1214	A	2.799	0.09432	1.126
3	rs10510174	3715417	G	0.3003	0.2704	A	7.754	0.00536	1.158
3	rs2322415	3773319	A	0.09236	0.1127	G	7.258	0.007058	0.8012
3	rs2119809	3777980	A	0.02322	0.03555	G	7.938	0.00484	0.645
3	rs310712	4317353	G	0.1126	0.1265	A	3.062	0.08015	0.8759
3	rs308739	4351030	A	0.05062	0.06296	C	4.541	0.03309	0.7935
3	rs184231	4558026	G	0.1271	0.1084	A	6.136	0.01325	1.198
3	rs902983	4646835	A	0.05676	0.04579	G	4.636	0.0313	1.254
3	rs3805018	4813819	C	0.372	0.3951	A	3.859	0.04947	0.9069
3	rs370476	5233431	G	0.1899	0.2073	A	3.192	0.07398	0.8965
3	rs13073226	5548036	A	0.3684	0.4034	G	8.785	0.003038	0.8626
3	rs6791910	5691365	G	0.3557	0.3287	A	5.667	0.01728	1.128
3	rs11714748	5714027	A	0.1441	0.1295	G	3.214	0.07299	1.132
3	rs1836586	5865820	C	0.2014	0.2267	A	6.339	0.01181	0.8604
3	rs353674	6634732	G	0.08507	0.09682	A	2.728	0.0986	0.8674
3	rs1403146	6698880	G	0.3813	0.3525	A	6.231	0.01256	1.132
3	rs17046239	6891027	A	0.0439	0.03555	G	3.424	0.06426	1.246
3	rs478250	6980445	A	0.3442	0.3209	G	4.257	0.0391	1.11
3	rs1400288	7009063	A	0.03148	0.04394	C	6.576	0.01033	0.7071
3	rs2875237	7332086	A	0.1465	0.133	G	2.714	0.09949	1.119
3	rs17047582	7566405	G	0.1285	0.1124	A	4.439	0.03513	1.165
3	rs12107224	7638718	A	0.06708	0.05676	G	3.37	0.06638	1.195
3	rs17047754	7653134	A	0.2732	0.2558	G	2.736	0.09811	1.094
3	rs329037	7738386	A	0.3689	0.3496	C	2.841	0.0919	1.088
3	rs11923266	7835223	A	0.08316	0.07149	C	3.478	0.06217	1.178
3	rs17048416	7964144	A	0.1445	0.1598	G	3.042	0.08115	0.8879
3	rs6443147	7987506	A	0.3359	0.3122	G	4.514	0.03362	1.115
3	rs17049256	8578936	G	0.1336	0.1098	A	9.871	0.001679	1.251
3	rs4686274	8605318	A	0.3207	0.3422	G	3.539	0.05992	0.9075
3	rs9878578	8620666	G	0.4112	0.389	A	3.58	0.05849	1.097
3	rs10510393	8623496	G	0.08462	0.09856	A	3.826	0.05045	0.8455
3	rs164956	8659764	G	0.3328	0.3684	A	9.449	0.002113	0.8551
3	rs17049426	8678167	G	0.08066	0.09538	A	4.392	0.0361	0.8321
3	rs17049459	8726984	G	0.1849	0.1687	A	3.222	0.07263	1.118
3	rs237888	8772095	G	0.07327	0.06264	A	3.268	0.07065	1.183
3	rs2268491	8775398	A	0.1105	0.1241	G	2.958	0.08544	0.8769
3	rs12632905	8878181	A	0.03767	0.02933	G	4.09	0.04314	1.295
3	rs1513315	9047286	G	0.1548	0.1718	A	3.526	0.06043	0.8831
3	rs9825026	9092788	G	0.07843	0.06715	A	3.447	0.06338	1.182
3	rs730901	9196399	A	0.05694	0.04802	G	2.934	0.08673	1.197
3	rs1145158	9220529	A	0.1818	0.1978	G	2.802	0.09414	0.9011
3	rs3852050	9333616	A	0.09546	0.08255	C	3.739	0.05316	1.173
3	rs159147	9710908	A	0.4107	0.3895	G	3.274	0.07039	1.093
3	rs279572	9927706	A	0.4417	0.4639	G	3.434	0.06386	0.9141
3	rs4462945	10246265	A	0.08411	0.09721	G	3.422	0.06433	0.8528

GNE_0369PR_Table1									
3	rs34871	10483371	C	0.241	0.2242	A	2.759	0.09671	1.098
3	rs17032981	10504067	A	0.09752	0.1121	G	3.709	0.0541	0.8563
3	rs17032984	10504069	A	0.1316	0.1066	C	11.02	0.0009027	1.269
3	rs12485425	10604780	G	0.1125	0.09982	A	3.042	0.08113	1.143
3	rs3856784	10767193	A	0.2482	0.275	G	6.244	0.01246	0.8705
3	rs4684052	10888437	G	0.014	0.02328	A	6.787	0.009184	0.5959
3	rs1881367	10949051	A	0.1039	0.1186	G	3.606	0.05758	0.8616
3	rs1710896	10992136	A	0.1389	0.1222	C	4.475	0.0344	1.16
3	rs1728803	11034996	A	0.3662	0.3894	G	3.907	0.04809	0.9059
3	rs10510403	11041670	G	0.1692	0.1466	A	6.952	0.008373	1.186
3	rs17034817	11632278	G	0.07911	0.09056	A	2.777	0.09564	0.8627
3	rs9815906	11756682	A	0.09752	0.08603	G	2.858	0.09092	1.148
3	rs904267	11787866	A	0.4339	0.4611	G	5.151	0.02323	0.8957
3	rs9869051	11907455	C	0.1909	0.2103	A	3.948	0.04692	0.8859
3	rs2135787	11952551	A	0.3994	0.3773	C	3.565	0.05902	1.097
3	rs305509	11998907	A	0.2167	0.1973	G	4.095	0.043	1.126
3	rs1152005	12458451	A	0.109	0.09452	G	4.155	0.04151	1.172
3	rs13072983	12717433	G	0.145	0.1282	A	4.295	0.03821	1.153
3	rs165435	13157935	A	0.499	0.4764	G	3.52	0.06065	1.095
3	rs7634112	13508582	A	0.1353	0.1593	C	7.498	0.006177	0.826
3	rs3816411	13652752	A	0.3787	0.3536	G	4.769	0.02898	1.115
3	rs7611704	13696940	A	0.1878	0.169	G	4.29	0.03834	1.137
3	rs4234514	13711634	A	0.0516	0.04221	G	3.674	0.05528	1.234
3	rs3762725	13832578	A	0.2872	0.2663	G	3.824	0.05053	1.11
3	rs10510427	14262707	A	0.1271	0.1124	G	3.674	0.05525	1.15
3	rs2128163	14269176	A	0.4288	0.4486	G	2.751	0.09718	0.9225
3	rs1550160	14381335	A	0.2665	0.2414	C	5.876	0.01535	1.142
3	rs1550158	14381627	G	0.3751	0.4017	A	5.078	0.02424	0.8942
3	rs9883238	14557990	G	0.2952	0.2727	A	4.395	0.03604	1.117
3	rs7613527	14582980	A	0.2178	0.2002	G	3.294	0.06954	1.112
3	rs13067016	15200135	A	0.03938	0.03136	G	3.545	0.05972	1.266
3	rs4685252	15543867	A	0.1976	0.1744	G	6.412	0.01134	1.166
3	rs11916806	16380872	A	0.09659	0.07854	G	7.584	0.005888	1.254
3	rs7623201	16638687	A	0.1491	0.165	G	3.169	0.07506	0.8867
3	rs1375629	16787675	A	0.1254	0.1429	G	4.371	0.03656	0.8599
3	rs6788003	16904092	G	0.04456	0.05351	A	2.766	0.09626	0.8249
3	rs13064378	17646996	G	0.1053	0.09251	A	3.3	0.06927	1.154
3	rs4128294	18293331	A	0.1713	0.1524	G	4.719	0.02983	1.15
3	rs11716005	18410506	A	0.189	0.1712	G	3.801	0.05121	1.128
3	rs1328542	18457562	G	0.2575	0.2777	A	3.521	0.0606	0.9021
3	rs13069068	18492973	C	0.0695	0.05945	A	3.052	0.08064	1.182
3	rs6785093	18578117	A	0.1956	0.2199	G	6.006	0.01426	0.8625
3	rs13074328	18581232	A	0.112	0.1274	G	3.759	0.05251	0.8632
3	rs4482682	18792261	G	0.2688	0.2425	A	6.48	0.01091	1.149
3	rs9820501	18860722	G	0.4236	0.3969	A	5.1	0.02393	1.116
3	rs2053506	19350795	G	0.3922	0.3684	A	4.161	0.04137	1.106

GNE_0369PR_TableS1									
3	rs6805870	19444383	A	0.07438	0.08668	C	3.339	0.06765	0.8467
3	rs2948091	20040666	G	0.1476	0.1733	A	8.09	0.004452	0.8257
3	rs9830371	20418553	A	0.192	0.2158	G	5.831	0.01574	0.8634
3	rs17007144	20562576	G	0.07585	0.08813	A	3.284	0.06994	0.8492
3	rs17007409	20702889	G	0.05217	0.06183	A	2.82	0.09312	0.8351
3	rs10510504	20772726	G	0.1002	0.1176	A	5.047	0.02467	0.836
3	rs7630411	20773218	A	0.08153	0.07028	G	3.285	0.06993	1.174
3	rs1587379	20955218	G	0.1099	0.09318	A	5.557	0.01841	1.201
3	rs12490397	21451300	A	0.1352	0.1533	G	4.416	0.0356	0.8633
3	rs424842	21466943	A	0.07955	0.06502	G	5.848	0.01559	1.243
3	rs711735	21476597	A	0.3032	0.281	C	4.184	0.04081	1.113
3	rs9811744	21497201	G	0.03354	0.02641	A	3.316	0.06862	1.279
3	rs17008992	21557205	C	0.272	0.2479	A	5.316	0.02114	1.133
3	rs3860582	21616961	A	0.3549	0.3255	G	6.751	0.009368	1.14
3	rs17009440	21761222	A	0.07895	0.0909	G	3.023	0.08208	0.8572
3	rs13070256	21843055	C	0.3903	0.4177	A	5.316	0.02114	0.8925
3	rs1965283	22105862	G	0.2015	0.1839	A	3.486	0.06187	1.119
3	rs17011371	22448733	G	0.06347	0.05161	A	4.84	0.0278	1.245
3	rs1008033	22485829	C	0.05934	0.07145	A	3.878	0.04892	0.8199
3	rs13070085	22602613	G	0.1176	0.1327	A	3.438	0.06371	0.8713
3	rs17012008	22744685	A	0.1315	0.147	G	3.338	0.0677	0.8784
3	rs6782300	23016290	G	0.1761	0.16	A	3.306	0.06904	1.122
3	rs10510534	23023176	A	0.06114	0.05158	G	3.148	0.076	1.197
3	rs13093068	23639706	A	0.1333	0.1499	G	3.761	0.05245	0.8723
3	rs12491199	24242846	G	0.1586	0.1771	A	4.096	0.04299	0.8757
3	rs826219	24244605	A	0.09443	0.08096	G	4.138	0.04192	1.184
3	rs986575	24251579	G	0.1788	0.1597	A	4.604	0.03191	1.146
3	rs1449873	24253916	G	0.1968	0.1767	A	4.738	0.0295	1.142
3	rs4353759	24487960	C	0.3257	0.3044	A	3.704	0.05429	1.104
3	rs6792725	24495287	A	0.2931	0.3127	G	3.092	0.07867	0.9114
3	rs2649622	25209537	G	0.04025	0.0516	A	4.652	0.03101	0.7707
3	rs11921615	25429670	G	0.0695	0.08504	A	5.423	0.01988	0.8037
3	rs12630816	25442752	A	0.0848	0.07103	G	4.854	0.02759	1.212
3	rs6550976	25455682	G	0.3946	0.3703	A	4.359	0.03681	1.108
3	rs2033447	25484355	G	0.1365	0.1228	A	2.969	0.08488	1.129
3	rs1001647	25629681	G	0.1708	0.1955	A	6.701	0.009637	0.8479
3	rs2054898	25701532	A	0.1899	0.1652	G	7.55	0.005999	1.185
3	rs17018481	26668666	A	0.08617	0.09826	C	2.879	0.08973	0.8654
3	rs2642905	27613504	A	0.259	0.277	G	2.784	0.09523	0.9126
3	rs962268	28182767	A	0.162	0.1843	G	5.752	0.01647	0.8552
3	rs4680698	28574164	G	0.3048	0.2782	A	5.99	0.01439	1.137
3	rs7617877	28680768	A	0.3684	0.3452	G	4.114	0.04253	1.107
3	rs17022021	28853692	G	0.1277	0.1425	A	3.13	0.07687	0.8807
3	rs6765943	28967865	A	0.09607	0.08203	G	4.44	0.03511	1.189
3	rs9877763	28991466	A	0.1878	0.2049	G	3.124	0.07714	0.8971
3	rs9871008	29282071	C	0.1471	0.1325	A	3.168	0.07511	1.129

GNE_0369PR_TableS1									
3	rs9654034	29318469	A	0.1832	0.2064	G	5.726	0.01671	0.8623
3	rs7643656	29447050	G	0.4066	0.3818	A	4.471	0.03448	1.109
3	rs11917602	30505903	C	0.4716	0.4945	A	3.601	0.05773	0.9125
3	rs11129429	30918211	A	0.1465	0.1612	C	2.763	0.09647	0.8935
3	rs17028714	32016233	G	0.06502	0.05457	A	3.576	0.05863	1.205
3	rs13317353	32291119	A	0.1972	0.1818	G	2.74	0.09787	1.106
3	rs13096226	32299121	A	0.08058	0.06993	G	2.956	0.08557	1.166
3	rs12497324	32323345	G	0.1981	0.174	A	6.9	0.00862	1.173
3	rs17804246	32448516	A	0.07328	0.06305	G	2.99	0.08376	1.175
3	rs9825747	32574222	G	0.08617	0.09969	A	3.563	0.0591	0.8516
3	rs6550166	32865318	C	0.1914	0.2122	A	4.503	0.03384	0.8788
3	rs9867387	32976062	A	0.03051	0.0213	G	6.689	0.0097	1.446
3	rs9850332	33898833	A	0.1909	0.2193	G	8.202	0.004185	0.84
3	rs9848590	33938432	A	0.08204	0.1005	C	6.635	0.01	0.7997
3	rs613192	34851586	A	0.09388	0.1138	C	6.847	0.008879	0.8071
3	rs12636105	35074324	A	0.1176	0.1054	G	2.707	0.0999	1.132
3	rs6786768	35215214	G	0.1028	0.09122	A	2.747	0.09741	1.141
3	rs10510663	35534244	G	0.0424	0.05197	A	3.267	0.07071	0.8076
3	rs2123014	35956935	G	0.03302	0.02506	A	4.335	0.03733	1.329
3	rs13094705	36145613	A	0.143	0.1202	G	8.262	0.004049	1.221
3	rs7653794	36302869	A	0.1004	0.1182	G	5.266	0.02174	0.8328
3	rs17246780	36461014	A	0.09804	0.08648	G	2.879	0.08972	1.148
3	rs13080492	37623628	A	0.04747	0.05685	G	2.88	0.08968	0.8268
3	rs12498069	38635940	A	0.1027	0.1154	C	2.774	0.09579	0.8769
3	rs7373154	38696312	G	0.297	0.2689	A	6.898	0.008628	1.149
3	rs3732379	39282260	A	0.2606	0.2798	G	3.174	0.07482	0.9071
3	rs13092383	39725764	A	0.08308	0.09497	G	2.874	0.09004	0.8634
3	rs586287	40867123	A	0.243	0.27	C	6.4	0.01141	0.8681
3	rs33527	42383426	A	0.2135	0.2303	G	2.728	0.0986	0.9077
3	rs11079	42710154	A	0.3983	0.4222	G	4.007	0.04531	0.9059
3	rs13087788	43064090	A	0.4582	0.4383	G	2.77	0.09602	1.084
3	rs7639740	43108023	A	0.1574	0.1432	G	2.812	0.09357	1.118
3	rs17075284	43202498	G	0.1011	0.08558	A	5.237	0.02211	1.202
3	rs17406718	43343677	A	0.03623	0.02793	C	4.238	0.03952	1.309
3	rs4336089	43670208	A	0.04757	0.03931	G	3.044	0.08104	1.221
3	rs13100389	43776945	C	0.5196	0.4957	A	3.957	0.04668	1.101
3	rs6775113	45114105	G	0.1796	0.1643	A	2.895	0.08888	1.113
3	rs6441891	45141227	A	0.3395	0.3586	G	2.738	0.09798	0.9194
3	rs11719661	45342623	A	0.016	0.02182	G	2.82	0.0931	0.7289
3	rs17213127	45773230	A	0.03664	0.04745	G	4.573	0.03249	0.7634
3	rs9872121	46115006	G	0.0485	0.06442	A	7.437	0.006391	0.7404
3	rs1471217	48359899	C	0.3666	0.3954	A	5.987	0.01441	0.885
3	rs11929028	51729464	A	0.0547	0.068	C	4.916	0.02661	0.793
3	rs3774527	53680043	A	0.08316	0.07271	G	2.751	0.09718	1.157
3	rs1025690	53857703	G	0.3481	0.3255	A	3.998	0.04557	1.107
3	rs11717277	54195911	C	0.1875	0.2159	A	8.286	0.003994	0.8382

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3	rs6783107	54517265	G	0.01653	0.02374	A	3.994	0.04566	0.6912
3	rs6445704	54614308	A	0.34	0.3605	G	3.14	0.0764	0.914
3	rs358064	55066558	A	0.2838	0.3058	G	3.952	0.04682	0.8995
3	rs1674535	55154151	A	0.3745	0.3553	G	2.765	0.09633	1.086
3	rs1020357	55318983	C	0.06463	0.07959	A	5.362	0.02057	0.799
3	rs11706227	55471300	A	0.1651	0.1454	G	5.343	0.02081	1.163
3	rs193317	55611785	A	0.235	0.2525	G	2.789	0.09489	0.9097
3	rs11714808	55646626	G	0.1373	0.1515	A	2.743	0.09771	0.8911
3	rs12496048	56389427	A	0.07172	0.05889	G	5.014	0.02514	1.235
3	rs17216768	56801831	G	0.322	0.3536	A	7.589	0.005872	0.868
3	rs4681929	56902063	A	0.1448	0.1644	G	4.877	0.02722	0.8604
3	rs11922193	57034410	C	0.5062	0.4748	A	6.814	0.009046	1.134
3	rs11130567	57049159	G	0.3328	0.3129	A	3.176	0.07472	1.096
3	rs6786084	58921915	G	0.1894	0.1728	A	3.288	0.06977	1.118
3	rs4274771	59157063	C	0.2878	0.3163	A	6.482	0.0109	0.8736
3	rs6768376	59498578	A	0.03254	0.04178	G	3.761	0.05246	0.7715
3	rs10510813	59511015	A	0.1785	0.1971	G	3.79	0.05155	0.8853
3	rs1550922	59634698	A	0.4469	0.468	G	3.093	0.07862	0.9184
3	rs6446079	59675762	A	0.1613	0.1771	G	2.948	0.08596	0.894
3	rs17061792	59975092	A	0.1606	0.1398	G	6.128	0.0133	1.178
3	rs12636081	59988185	C	0.09762	0.1155	A	5.477	0.01927	0.8284
3	rs213368	60243068	A	0.1484	0.1721	G	6.858	0.008826	0.8384
3	rs9850579	60716729	G	0.2456	0.228	A	3.025	0.082	1.102
3	rs1911746	62075880	A	0.1961	0.2144	G	3.48	0.0621	0.8934
3	rs880416	62083266	A	0.2967	0.2757	G	3.777	0.05196	1.108
3	rs6445273	62426975	G	0.08927	0.07695	A	3.625	0.0569	1.176
3	rs1237030	62598963	G	0.4224	0.4456	A	3.744	0.05298	0.91
3	rs10510883	62631299	A	0.2487	0.2787	C	7.788	0.005258	0.8567
3	rs10490887	62693701	C	0.1047	0.08845	A	5.575	0.01822	1.206
3	rs17067237	62795103	G	0.09133	0.1061	A	4.04	0.04445	0.8465
3	rs17068484	63358026	G	0.07772	0.06658	A	3.377	0.06611	1.181
3	rs727779	63381052	G	0.1792	0.201	A	5.132	0.02349	0.868
3	rs17069004	63502396	G	0.1032	0.08998	A	3.63	0.05673	1.164
3	rs5000576	63530377	A	0.09236	0.1058	G	3.323	0.0683	0.8603
3	rs11714038	64109160	A	0.1095	0.1238	G	3.271	0.07054	0.8705
3	rs17070791	64433972	G	0.02841	0.03639	A	3.206	0.07336	0.7742
3	rs13089122	64460414	G	0.1816	0.1621	A	4.815	0.02822	1.148
3	rs9819726	64691379	G	0.05986	0.04033	A	16.16	5.814e-05	1.515
3	rs1851671	64807559	G	0.08419	0.09755	A	3.538	0.05998	0.8505
3	rs793299	64836510	A	0.09246	0.08026	G	3.424	0.06424	1.168
3	rs704454	64902065	G	0.2841	0.2663	A	2.744	0.09764	1.093
3	rs7613923	65102084	G	0.09185	0.1158	A	9.86	0.001689	0.7723
3	rs781304	65212961	A	0.05366	0.06586	G	4.25	0.03926	0.8044
3	rs9875914	65246294	C	0.2595	0.2417	A	2.972	0.08469	1.1
3	rs1318477	65295659	A	0.05005	0.06066	C	3.472	0.0624	0.8158
3	rs4408825	65556520	G	0.157	0.1788	A	5.643	0.01753	0.8553

GNE_0369PR_Table1									
3	rs9311952	65663560	C	0.1455	0.1612	A	3.159	0.07552	0.8863
3	rs9861877	65705841	G	0.1176	0.1397	A	7.102	0.007698	0.8209
3	rs264096	65720475	G	0.2049	0.1868	A	3.677	0.05516	1.122
3	rs4688634	65983350	G	0.4318	0.4075	A	4.219	0.03997	1.105
3	rs9817361	66892179	G	0.0625	0.07505	A	3.977	0.04614	0.8217
3	rs13078632	67142243	G	0.1207	0.1344	A	2.81	0.09369	0.8841
3	rs6779419	67823092	A	0.409	0.4379	G	5.844	0.01563	0.8884
3	rs9826468	68403369	A	0.07688	0.06443	G	4.35	0.03702	1.209
3	rs9837363	68418809	A	0.4607	0.4884	G	5.289	0.02147	0.8949
3	rs9985329	69505086	A	0.1543	0.1277	G	10.72	0.00106	1.246
3	rs2200247	69512697	G	0.2544	0.2722	A	2.784	0.09522	0.9121
3	rs4855413	69683544	G	0.2257	0.2478	A	4.551	0.03289	0.8848
3	rs12637754	69923555	G	0.1414	0.1258	A	3.768	0.05223	1.144
3	rs2320474	70409940	G	0.2523	0.2735	A	3.898	0.04835	0.8966
3	rs13070827	70537224	A	0.4427	0.4182	G	4.249	0.03928	1.105
3	rs11708540	70675771	A	0.1307	0.1582	G	9.947	0.001611	0.8
3	rs2037533	71240974	G	0.1794	0.1957	A	2.922	0.08738	0.8986
3	rs9845218	71298189	G	0.3127	0.2857	A	6.103	0.0135	1.137
3	rs1288699	71410012	G	0.1533	0.1269	A	10.57	0.001148	1.245
3	rs10511018	71557386	A	0.192	0.1747	G	3.512	0.06094	1.122
3	rs9880789	72069948	G	0.1176	0.1016	A	4.784	0.02872	1.179
3	rs9829101	72120014	A	0.4608	0.488	G	5.107	0.02383	0.8967
3	rs9864349	72131710	C	0.242	0.2249	A	2.879	0.08972	1.1
3	rs13080269	72244398	A	0.1071	0.1216	G	3.402	0.06512	0.8669
3	rs4131544	72432266	A	0.1519	0.1669	G	2.842	0.09182	0.8935
3	rs2028241	72595592	G	0.06152	0.07202	A	2.86	0.0908	0.8447
3	rs6549462	72605606	A	0.05481	0.04562	G	3.274	0.0704	1.213
3	rs4677174	72642744	G	0.1022	0.08687	A	4.997	0.02539	1.196
3	rs11924047	72705222	G	0.04654	0.03715	A	4.136	0.04198	1.265
3	rs17709608	74047835	G	0.3549	0.376	A	3.249	0.07147	0.9133
3	rs656571	74400453	A	0.2879	0.312	G	4.698	0.0302	0.8914
3	rs4677399	74602074	A	0.3068	0.3343	G	5.878	0.01533	0.8813
3	rs2078354	76009651	A	0.2825	0.3148	G	8.35	0.003856	0.8573
3	rs9310350	76043908	G	0.1806	0.1637	A	3.576	0.0586	1.126
3	rs9882550	76571298	C	0.0485	0.0578	A	2.786	0.09512	0.8309
3	rs3923745	77172085	G	0.3287	0.348	A	2.85	0.09136	0.9172
3	rs7429136	79931094	G	0.1369	0.1222	A	3.441	0.06361	1.14
3	rs6806220	81270557	A	0.3688	0.3902	G	3.315	0.06867	0.9131
3	rs11710892	83700179	G	0.02528	0.03373	A	3.877	0.04894	0.7431
3	rs9830050	84803050	A	0.1378	0.117	G	7.069	0.007844	1.206
3	rs1452118	85316490	C	0.1097	0.09631	A	3.514	0.06086	1.157
3	rs11705717	85871697	G	0.0356	0.02799	A	3.57	0.05885	1.282
3	rs17292179	86213480	A	0.0516	0.06208	G	3.311	0.06881	0.822
3	rs13082894	88772853	G	0.05366	0.07088	A	7.959	0.004785	0.7433
3	rs11914750	88876114	G	0.3101	0.348	A	10.98	0.0009204	0.8422
3	rs1119004	90422407	G	0.05934	0.07221	A	4.345	0.03712	0.8105

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3	rs9290227	95691745	A	0.05579	0.06659	G	3.29	0.06971	0.8282
3	rs13076378	95822557	G	0.1085	0.09267	A	5.035	0.02484	1.191
3	rs690994	97727465	G	0.2348	0.2531	A	3.075	0.07951	0.9055
3	rs1806558	98158194	G	0.1596	0.1748	A	2.789	0.0949	0.8964
3	rs2221205	98357050	A	0.05521	0.07927	G	14.12	0.0001719	0.6787
3	rs9853769	98548526	A	0.01754	0.02491	G	3.977	0.04611	0.6991
3	rs13096852	101392332	G	0.09152	0.07421	A	7.341	0.006741	1.257
3	rs1394076	101982380	A	0.05934	0.05043	G	2.807	0.09386	1.188
3	rs13076717	102029664	A	0.05934	0.04829	G	4.478	0.03433	1.243
3	rs12494609	102075399	G	0.1379	0.122	A	4.011	0.0452	1.151
3	rs1828669	103152949	A	0.3467	0.3726	G	4.94	0.02624	0.8939
3	rs1371944	104102739	A	0.2932	0.27	G	4.666	0.03077	1.121
3	rs1666559	105289309	G	0.4649	0.4863	A	3.15	0.07593	0.9179
3	rs12639084	105386139	A	0.0393	0.04815	G	3.004	0.08306	0.8086
3	rs12635480	106058554	A	0.03874	0.03096	C	3.387	0.06572	1.261
3	rs9874124	106400104	A	0.2593	0.2796	C	3.502	0.0613	0.9024
3	rs6805603	107152850	A	0.1073	0.09332	G	3.939	0.04717	1.168
3	rs13062596	107174255	C	0.3579	0.3348	A	4.079	0.04341	1.107
3	rs6437690	107883845	A	0.1489	0.134	G	3.276	0.07028	1.131
3	rs2399114	107904600	A	0.4638	0.4392	G	4.211	0.04017	1.104
3	rs2016469	109506655	A	0.3581	0.3773	G	2.71	0.09972	0.9208
3	rs16854924	110115768	G	0.1204	0.1077	A	2.859	0.09084	1.134
3	rs592415	111162202	G	0.1963	0.2127	A	2.787	0.09502	0.904
3	rs1156884	112559738	C	0.3958	0.4245	A	5.85	0.01558	0.8879
3	rs2399403	113251848	G	0.03882	0.04872	A	3.714	0.05396	0.7887
3	rs11713084	113255378	A	0.2544	0.2756	G	3.898	0.04836	0.8969
3	rs1050572	113549252	A	0.08772	0.07624	G	3.178	0.07462	1.165
3	rs9831167	114402034	A	0.2838	0.3043	G	3.436	0.0638	0.906
3	rs9865782	115135464	A	0.3767	0.4122	G	9.019	0.002673	0.8617
3	rs17607135	115499803	C	0.1498	0.131	A	5.297	0.02136	1.169
3	rs2733403	115604452	G	0.2037	0.2232	A	3.79	0.05155	0.8905
3	rs2733399	115614364	G	0.3839	0.364	A	2.943	0.08622	1.089
3	rs1499951	116677799	A	0.07573	0.06534	G	2.986	0.084	1.172
3	rs12495327	116804048	G	0.3911	0.417	A	4.751	0.02928	0.8982
3	rs11922043	116830366	G	0.3889	0.3617	A	5.507	0.01894	1.123
3	rs7638530	116924298	A	0.1434	0.1635	G	5.112	0.02377	0.857
3	rs7634813	117038899	G	0.05533	0.04521	A	3.988	0.04582	1.237
3	rs12489512	117861476	A	0.2044	0.1788	G	7.566	0.005949	1.18
3	rs1347059	117934964	G	0.09504	0.08309	A	3.186	0.07426	1.159
3	rs1991745	117991537	A	0.1171	0.1309	G	2.923	0.08735	0.8805
3	rs13085957	118156570	A	0.06973	0.057	G	5.077	0.02424	1.24
3	rs7641030	118204632	G	0.3008	0.2747	A	5.845	0.01562	1.136
3	rs1554456	118341560	A	0.06192	0.07361	G	3.514	0.06085	0.8307
3	rs4687991	118947921	G	0.3844	0.3646	A	2.932	0.08684	1.089
3	rs6765745	119890890	G	0.09556	0.08243	A	3.865	0.04931	1.176
3	rs16829203	120191410	C	0.02167	0.02823	A	2.776	0.09566	0.7624

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3	rs6807110	120338347	C	0.03973	0.05029	A	4.119	0.04241	0.7813
3	rs4322992	120383459	G	0.2221	0.2396	A	2.911	0.08797	0.9061
3	rs6784773	120384522	A	0.2379	0.2192	G	3.498	0.06143	1.112
3	rs4687998	120573015	G	0.2689	0.2515	A	2.736	0.09813	1.094
3	rs529650	120777818	A	0.3895	0.4097	G	2.936	0.08661	0.9189
3	rs10511392	120801097	A	0.09959	0.1142	C	3.711	0.05406	0.8575
3	rs4687887	120998275	G	0.02287	0.03303	A	5.725	0.01673	0.6852
3	rs6438549	121006436	A	0.07549	0.09109	G	5.151	0.02323	0.8147
3	rs4676791	121693199	G	0.1182	0.1049	A	3.182	0.07444	1.143
3	rs2280070	123880407	G	0.06147	0.07729	A	6.179	0.01293	0.7819
3	rs13314250	124247502	A	0.07788	0.08997	G	3.101	0.07824	0.8543
3	rs2673343	124348989	A	0.4742	0.4466	G	5.32	0.02109	1.118
3	rs11718105	124946398	A	0.3967	0.3738	G	3.836	0.05017	1.101
3	rs17125	124994673	A	0.1075	0.09466	G	3.296	0.06943	1.153
3	rs3755674	125680300	G	0.1538	0.1298	A	8.616	0.003332	1.218
3	rs10460829	126148595	A	0.2254	0.2059	G	3.983	0.04597	1.122
3	rs1574733	126240008	A	0.1317	0.1494	G	4.267	0.03885	0.864
3	rs2981534	126246800	G	0.2317	0.2029	A	8.712	0.00316	1.184
3	rs2993631	126379358	A	0.05831	0.04218	G	10.68	0.001085	1.406
3	rs6775957	126855362	A	0.04886	0.04064	G	2.908	0.08813	1.213
3	rs13094641	126874548	A	0.3965	0.4305	G	8.126	0.004364	0.8692
3	rs16837500	127666150	A	0.05114	0.06078	G	2.853	0.09121	0.8328
3	rs4679314	128163409	G	0.04283	0.03233	A	5.879	0.01533	1.339
3	rs6793901	128258598	A	0.09391	0.08042	G	4.178	0.04095	1.185
3	rs900419	128409237	G	0.1307	0.1165	A	3.325	0.06823	1.14
3	rs2358544	128560491	G	0.4809	0.451	A	6.213	0.01268	1.128
3	rs7653663	128958316	A	0.144	0.1675	G	6.887	0.008684	0.8359
3	rs13066225	128974021	A	0.2141	0.1978	G	2.879	0.08977	1.105
3	rs16839641	129177008	G	0.03818	0.04719	A	3.175	0.07477	0.8016
3	rs4429602	132596427	A	0.07327	0.08556	C	3.378	0.06606	0.845
3	rs2291382	132671218	C	0.1973	0.1632	A	14.4	0.0001481	1.26
3	rs11923992	132673459	A	0.02686	0.03454	G	3.124	0.07714	0.7715
3	rs12639456	132759409	A	0.04644	0.03467	G	6.895	0.008645	1.356
3	rs6439308	132832117	G	0.1569	0.1324	A	8.836	0.002954	1.219
3	rs884432	133414672	G	0.09494	0.07968	A	5.381	0.02036	1.212
3	rs9289439	134343341	A	0.2131	0.1865	G	7.951	0.004807	1.181
3	rs17365742	134613159	G	0.2099	0.1937	A	2.883	0.08949	1.106
3	rs2692687	135111566	A	0.08402	0.09748	G	3.582	0.0584	0.8493
3	rs2692685	135112052	G	0.3168	0.3447	A	5.952	0.0147	0.8817
3	rs11915399	135132598	A	0.1997	0.1817	G	3.736	0.05326	1.124
3	rs7627477	135186855	G	0.2149	0.1895	A	7.13	0.007579	1.17
3	rs10935116	135700594	G	0.1765	0.1584	A	4.164	0.04129	1.138
3	rs12636917	135730291	A	0.04592	0.05592	G	3.325	0.06825	0.8127
3	rs1913685	136019662	A	0.1109	0.09487	G	5.1	0.02392	1.19
3	rs11719058	136120636	A	0.2363	0.2578	G	4.179	0.04092	0.891
3	rs4894293	136728508	A	0.379	0.4006	G	3.338	0.06769	0.9134

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3	rs11926571	136742737	A	0.2063	0.2321	C	6.483	0.01089	0.86
3	rs9878270	136759249	A	0.2407	0.2624	C	4.206	0.04029	0.8912
3	rs1447598	136828183	A	0.1291	0.1433	G	2.856	0.09106	0.8863
3	rs11719713	136924121	A	0.1096	0.1229	C	2.864	0.0906	0.878
3	rs1385304	138243851	G	0.1596	0.1761	A	3.275	0.07034	0.8883
3	rs10935263	138898503	G	0.04855	0.03962	A	3.536	0.06006	1.237
3	rs11915085	141571719	G	0.09452	0.08237	A	3.321	0.06839	1.163
3	rs17411949	141582383	A	0.04025	0.05117	G	4.336	0.03731	0.7776
3	rs2334911	141629154	A	0.08893	0.104	G	4.244	0.03938	0.8412
3	rs2291042	142349784	G	0.05424	0.06932	A	6.218	0.01265	0.7699
3	rs9809435	142506015	A	0.2226	0.2518	C	7.862	0.005049	0.8509
3	rs955216	142512550	A	0.03457	0.05494	C	14.34	0.0001528	0.616
3	rs6762826	142628005	G	0.07143	0.08375	A	3.453	0.06315	0.8416
3	rs6774127	142845445	C	0.1599	0.1335	A	10.22	0.001393	1.236
3	rs16851740	142952321	G	0.05573	0.04539	A	4.155	0.04151	1.241
3	rs6782694	143110550	A	0.1663	0.183	C	3.246	0.07158	0.8904
3	rs733996	143222766	A	0.06211	0.04872	G	6.479	0.01092	1.293
3	rs9289642	143353690	G	0.4861	0.4628	A	3.762	0.05244	1.098
3	rs6808709	143365149	A	0.2005	0.1828	G	3.566	0.05897	1.121
3	rs11718988	144110976	G	0.06914	0.05794	A	3.887	0.04865	1.208
3	rs2581625	144116650	G	0.376	0.4005	A	4.315	0.03778	0.902
3	rs7627815	144438119	A	0.0356	0.02442	G	8.639	0.00329	1.475
3	rs9810857	144465589	A	0.4455	0.4691	G	3.837	0.05012	0.9093
3	rs1046706	144467790	C	0.3891	0.4096	A	3.005	0.08302	0.9181
3	rs7619769	144572693	A	0.3751	0.4106	G	9.008	0.002688	0.8617
3	rs9849797	144611751	G	0.1434	0.1695	A	8.425	0.003702	0.8206
3	rs6793522	144632717	G	0.4376	0.4117	A	4.769	0.02897	1.112
3	rs1837611	144725578	C	0.01651	0.02703	A	7.567	0.005944	0.6044
3	rs16853885	144793037	G	0.01963	0.0282	A	4.771	0.02894	0.6901
3	rs9841219	144862093	C	0.1162	0.1031	A	3.154	0.07575	1.144
3	rs6782243	144891962	G	0.4019	0.3804	A	3.361	0.06674	1.094
3	rs7620070	144922429	A	0.06898	0.05665	G	4.778	0.02883	1.234
3	rs3853594	145444306	A	0.04644	0.03634	G	4.875	0.02724	1.291
3	rs1164301	145861222	G	0.09959	0.08635	A	3.772	0.05211	1.17
3	rs4464504	146176925	A	0.2238	0.2447	G	4.079	0.04342	0.89
3	rs7630872	146257007	A	0.1839	0.2028	G	3.854	0.04963	0.8856
3	rs9878320	146832686	C	0.5083	0.4878	A	2.896	0.08882	1.085
3	rs1523076	146855428	G	0.1694	0.1513	A	4.335	0.03734	1.144
3	rs7630694	147025248	C	0.08359	0.07086	A	4.174	0.04104	1.196
3	rs1813256	147118366	C	0.3696	0.3904	A	3.147	0.07604	0.9153
3	rs342899	147761306	A	0.1731	0.1526	C	5.466	0.01939	1.162
3	rs986173	147884376	G	0.1825	0.1992	A	3.027	0.08187	0.8975
3	rs4681124	147906030	A	0.08514	0.07281	G	3.82	0.05064	1.185
3	rs6802980	148877238	G	0.2077	0.2266	A	3.523	0.06053	0.8947
3	rs12639104	148900311	A	0.1309	0.1464	C	3.346	0.06737	0.8777
3	rs4681369	148901626	A	0.1801	0.1992	C	3.994	0.04565	0.8828

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3	rs9862209	148916055	A	0.0437	0.05854	G	7.013	0.008091	0.735
3	rs2319323	148958060	G	0.1589	0.193	A	13.05	0.0003034	0.7901
3	rs7622275	149151694	A	0.08671	0.07538	G	3.111	0.07775	1.165
3	rs11923972	149209024	A	0.112	0.09939	G	3.014	0.08255	1.143
3	rs6792901	149433043	G	0.1406	0.1271	A	2.812	0.09356	1.124
3	rs16861027	150032814	C	0.05108	0.04254	A	3.028	0.08186	1.212
3	rs10513344	150161049	C	0.03874	0.05138	A	5.799	0.01604	0.7441
3	rs13085051	150472090	G	0.09556	0.1108	A	4.105	0.04276	0.8481
3	rs1403724	150500084	C	0.2093	0.2298	A	4.103	0.0428	0.8873
3	rs2291603	150525053	C	0.1569	0.1422	A	3	0.08328	1.122
3	rs9289794	150735348	A	0.03818	0.0297	G	4.187	0.04075	1.297
3	rs13098021	150784295	A	0.5124	0.4896	G	3.573	0.05872	1.095
3	rs6762307	151062466	G	0.09598	0.1093	A	3.182	0.07445	0.8652
3	rs4681593	151399711	A	0.1808	0.1623	G	4.299	0.03813	1.139
3	rs1562789	151549021	G	0.1544	0.1372	A	4.269	0.03881	1.149
3	rs11719654	151585825	A	0.1228	0.1409	G	4.724	0.02974	0.8533
3	rs6799981	151640419	G	0.2138	0.1911	A	5.706	0.0169	1.151
3	rs17204376	152518651	A	0.1032	0.08675	C	5.782	0.01619	1.211
3	rs1025197	153361404	A	0.1106	0.1297	G	5.648	0.01747	0.834
3	rs9855770	154094014	A	0.1259	0.1427	G	4.003	0.04543	0.8656
3	rs9833143	154179652	A	0.08066	0.06794	C	4.32	0.03766	1.204
3	rs9817352	154873538	G	0.1674	0.1847	A	3.476	0.06226	0.8871
3	rs7629959	155932378	C	0.4383	0.4174	A	3.053	0.0806	1.089
3	rs7643334	156239394	G	0.0645	0.05024	A	7.147	0.007507	1.304
3	rs10513470	156329868	G	0.1331	0.1475	A	2.877	0.08984	0.8873
3	rs1021216	156390415	G	0.03423	0.02595	A	4.503	0.03384	1.33
3	rs1120841	156447363	A	0.07859	0.06786	G	3.082	0.07916	1.172
3	rs17387575	156466629	G	0.1913	0.2086	A	3.105	0.07806	0.8977
3	rs10513474	156495007	G	0.08747	0.1078	A	7.56	0.005968	0.793
3	rs16825602	157167674	A	0.05263	0.04293	G	3.858	0.04951	1.238
3	rs1551066	157492619	A	0.3065	0.3394	G	8.392	0.003768	0.8601
3	rs9844584	157502655	A	0.02786	0.02112	G	3.673	0.05528	1.329
3	rs2321458	158215912	A	0.06973	0.08436	G	4.861	0.02748	0.8136
3	rs13314825	158307201	A	0.06553	0.05031	G	8.118	0.004383	1.324
3	rs7624327	158319600	A	0.1147	0.09927	G	4.524	0.03343	1.176
3	rs9289993	158919147	A	0.03302	0.02455	G	4.996	0.02541	1.357
3	rs16828998	159652271	G	0.07477	0.06406	A	3.226	0.07246	1.181
3	rs1554141	160637768	A	0.1089	0.0962	G	3.15	0.07594	1.148
3	rs1387696	160727957	G	0.1393	0.125	A	3.207	0.07333	1.133
3	rs1461100	160945597	A	0.2394	0.2197	G	3.887	0.04865	1.118
3	rs665744	161172218	A	0.04809	0.03982	G	3.015	0.08249	1.218
3	rs755004	161183019	A	0.1615	0.1441	G	4.168	0.04118	1.144
3	rs485499	161228557	G	0.439	0.4042	A	8.666	0.003242	1.154
3	rs1075498	161239145	A	0.31	0.287	G	4.438	0.03514	1.116
3	rs9812738	161411800	A	0.1465	0.168	G	5.76	0.0164	0.8502
3	rs2141671	161841109	A	0.1756	0.1924	G	3.138	0.0765	0.8943

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3	rs4856715	162918076	G	0.09504	0.112	A	5.043	0.02472	0.8329
3	rs1436740	163005436	G	0.07617	0.06321	A	4.774	0.02889	1.222
3	rs7433024	163051687	A	0.1126	0.1298	G	4.579	0.03236	0.8502
3	rs4093549	163076433	A	0.3605	0.3801	G	2.82	0.09311	0.9192
3	rs7609974	163305844	A	0.05263	0.06245	G	2.889	0.08921	0.834
3	rs1488583	163431978	A	0.2254	0.2084	G	2.993	0.08365	1.105
3	rs9880376	165010119	A	0.105	0.1195	G	3.448	0.06335	0.8647
3	rs7622979	166785835	G	0.05843	0.04822	A	3.822	0.05059	1.225
3	rs13061243	167341801	G	0.4437	0.4208	A	3.684	0.05495	1.098
3	rs10936474	167408221	C	0.3568	0.3295	A	5.768	0.01632	1.129
3	rs1403779	167787258	A	0.3106	0.2913	G	3.109	0.07786	1.096
3	rs13079876	168599837	G	0.4561	0.4362	A	2.766	0.09631	1.084
3	rs13074993	168662855	A	0.1296	0.1089	G	7.533	0.006058	1.219
3	rs882751	169090563	G	0.1729	0.1533	A	5.03	0.02492	1.155
3	rs6800871	169411133	G	0.06502	0.05475	A	3.446	0.06339	1.201
3	rs1463656	170441961	G	0.08978	0.07851	A	2.985	0.08402	1.158
3	rs12633242	170458089	A	0.1482	0.1322	G	3.824	0.05053	1.142
3	rs13318214	170621967	A	0.02425	0.0311	G	2.746	0.0975	0.7745
3	rs7644900	170854850	A	0.0547	0.06581	C	3.53	0.06025	0.8213
3	rs3755608	171164896	A	0.06192	0.04988	C	5.148	0.02327	1.257
3	rs6771051	171206922	C	0.5176	0.4924	A	4.355	0.03691	1.106
3	rs7652524	171216122	C	0.1269	0.1117	A	4.004	0.04539	1.157
3	rs6785233	172239679	C	0.07358	0.0872	A	4.074	0.04356	0.8313
3	rs4133045	172251865	A	0.2378	0.2186	G	3.717	0.05387	1.116
3	rs10936684	172613487	G	0.3767	0.3561	A	3.172	0.07491	1.093
3	rs11929416	173274286	A	0.07121	0.05473	G	8.783	0.00304	1.324
3	rs9812681	173481044	A	0.1987	0.1827	G	2.916	0.08773	1.109
3	rs9838734	173485649	A	0.2276	0.2113	C	2.716	0.09932	1.1
3	rs6445063	173676326	G	0.1434	0.1251	A	5.233	0.02216	1.171
3	rs2270418	173723693	C	0.1765	0.1617	A	2.769	0.09609	1.111
3	rs11919648	174014563	A	0.04137	0.03182	G	4.933	0.02634	1.313
3	rs9290452	174045228	A	0.05573	0.06841	C	4.436	0.03519	0.8037
3	rs1553176	174055165	A	0.1727	0.1576	G	2.913	0.08785	1.115
3	rs16846388	174195584	C	0.08854	0.07771	A	2.76	0.09662	1.153
3	rs792128	174456601	G	0.3677	0.389	A	3.281	0.0701	0.9133
3	rs532021	174612720	G	0.1627	0.1485	A	2.728	0.09859	1.114
3	rs1980296	174793152	G	0.2836	0.2651	A	3.031	0.08167	1.098
3	rs1393450	174884864	C	0.2056	0.2229	A	3.011	0.0827	0.902
3	rs7610632	175571603	G	0.1044	0.09233	A	2.979	0.08436	1.147
3	rs9833331	177042256	G	0.06244	0.07288	A	2.828	0.09265	0.8471
3	rs1377820	177744207	G	0.3829	0.4072	A	4.255	0.03913	0.903
3	rs6778657	177962577	G	0.372	0.4149	A	13.01	0.00031	0.8354
3	rs9828937	178135834	G	0.1295	0.1061	A	9.797	0.001748	1.254
3	rs1387129	179666064	G	0.0749	0.06174	A	5.037	0.02481	1.23
3	rs13075114	179671802	G	0.1937	0.178	A	2.873	0.09007	1.109
3	rs6787571	180193279	A	0.3264	0.3605	C	8.7	0.003183	0.8598

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3	rs6781173	180471258	G	0.1855	0.1679	A	3.755	0.05265	1.128
3	rs9832757	180734957	A	0.1692	0.1883	G	4.138	0.04193	0.8781
3	rs7627857	181850559	C	0.05057	0.06366	A	5.069	0.02436	0.7834
3	rs12486193	183074866	G	0.1171	0.1386	A	6.767	0.009285	0.8241
3	rs7635405	183458541	G	0.02374	0.03448	A	6.185	0.01288	0.6809
3	rs12489216	183613189	A	0.09171	0.07243	G	9.259	0.002343	1.293
3	rs2056324	184731178	A	0.4097	0.4336	G	4.012	0.04518	0.9067
3	rs4148559	185210149	G	0.04137	0.05444	A	5.864	0.01545	0.7495
3	rs9860004	185327006	G	0.1883	0.2068	A	3.601	0.05775	0.8902
3	rs2175525	185369639	C	0.08514	0.06913	A	6.709	0.009594	1.253
3	rs16858720	185549309	G	0.1207	0.1394	A	5.062	0.02446	0.8479
3	rs6763683	185603505	G	0.08949	0.1041	A	3.991	0.04574	0.8455
3	rs4558788	185648038	G	0.4545	0.4254	A	5.943	0.01478	1.125
3	rs12152209	185676882	A	0.1465	0.1316	G	3.336	0.06777	1.133
3	rs10513798	185971610	G	0.08213	0.0709	A	3.246	0.0716	1.173
3	rs12496472	185975745	A	0.3151	0.2937	G	3.785	0.05171	1.106
3	rs9832000	186658264	G	0.178	0.1599	A	4.183	0.04084	1.138
3	rs9850770	186937538	A	0.1631	0.1835	C	4.852	0.02761	0.867
3	rs6809601	187080482	A	0.3457	0.3691	G	4.069	0.04368	0.9031
3	rs11718099	187190969	A	0.4613	0.4819	G	2.943	0.08625	0.9205
3	rs16848688	187330841	G	0.1485	0.129	A	5.73	0.01667	1.178
3	rs6798931	187445893	C	0.1661	0.1816	A	2.797	0.09441	0.8977
3	rs1004589	187489001	A	0.1127	0.09844	G	3.904	0.04816	1.164
3	rs2304456	187927746	C	0.09928	0.1129	A	3.219	0.07278	0.8662
3	rs1656966	187948946	A	0.1785	0.1638	G	2.728	0.09863	1.11
3	rs16861384	188167205	A	0.04902	0.04061	G	3.068	0.07984	1.218
3	rs2268535	188239777	A	0.2221	0.2445	G	4.711	0.02997	0.8823
3	rs1990676	188267332	A	0.1364	0.1205	C	4.069	0.04367	1.153
3	rs3914755	188531057	C	0.1954	0.2198	A	5.963	0.01461	0.8624
3	rs2378246	188583591	A	0.03612	0.04464	C	2.999	0.08331	0.8019
3	rs9856368	189239550	A	0.05108	0.06115	C	3.096	0.07847	0.8266
3	rs4686935	189338803	C	0.08031	0.09809	A	6.254	0.01239	0.8029
3	rs6444286	189608035	G	0.07121	0.05939	A	4.225	0.03983	1.214
3	rs9880787	189621026	G	0.1725	0.1535	A	4.735	0.02956	1.15
3	rs7431346	189635902	A	0.1677	0.1486	C	4.905	0.02678	1.154
3	rs7609720	189651398	A	0.2719	0.3041	G	8.511	0.003529	0.8546
3	rs6444295	189674988	A	0.1899	0.1732	G	3.343	0.06751	1.119
3	rs11710948	189880278	C	0.1409	0.1634	A	6.488	0.01086	0.8395
3	rs9880257	190126423	G	0.05986	0.04871	A	4.519	0.03353	1.243
3	rs6777676	190437305	A	0.4571	0.4785	G	3.169	0.07506	0.9175
3	rs4600802	190866124	G	0.1146	0.09705	A	5.927	0.01491	1.204
3	rs710580	191291857	A	0.3354	0.3648	C	6.441	0.01115	0.8788
3	rs2885370	191759689	C	0.2665	0.2478	A	3.213	0.07306	1.103
3	rs2885373	191829162	A	0.1558	0.1411	G	3.051	0.08071	1.123
3	rs7626795	191833155	G	0.1182	0.1318	A	2.815	0.09338	0.883
3	rs9818981	192084781	A	0.1047	0.08558	G	7.919	0.004891	1.25

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3	rs17463979	192420739	G	0.09959	0.08355	A	5.69	0.01706	1.213
3	rs9290987	192627293	G	0.06244	0.07325	A	3.02	0.08225	0.8425
3	rs7615777	192793621	C	0.4262	0.4018	A	4.271	0.03877	1.106
3	rs13062679	193020127	A	0.016	0.02245	G	3.379	0.06604	0.7078
3	rs1907541	193316441	A	0.241	0.2184	G	5.105	0.02386	1.136
3	rs6800226	193336343	G	0.07792	0.0645	A	5.036	0.02483	1.225
3	rs1522271	193479473	G	0.3596	0.3866	A	5.291	0.02143	0.8912
3	rs1995472	193862667	G	0.4766	0.4976	A	3.023	0.08208	0.9193
3	rs11716856	194096455	A	0.1189	0.1013	C	5.686	0.0171	1.197
3	rs1498657	194295167	G	0.04819	0.06048	A	4.67	0.0307	0.7864
3	rs4686626	194325960	G	0.2433	0.2229	A	4.115	0.04251	1.121
3	rs6803383	194700106	A	0.07283	0.0853	G	3.485	0.06195	0.8423
3	rs6778204	195450122	G	0.3065	0.3255	A	2.834	0.09227	0.916
3	rs4075427	195475194	A	0.08566	0.07187	G	4.817	0.02818	1.21
3	rs6785704	195503125	G	0.148	0.1324	A	3.6	0.05777	1.138
3	rs923931	195566336	A	0.1197	0.1036	G	4.759	0.02914	1.177
3	rs6437379	195697167	A	0.07895	0.06628	G	4.387	0.03621	1.207
3	rs12489066	195914322	C	0.07772	0.0951	A	6.145	0.01317	0.8018
3	rs9864709	196141088	A	0.2105	0.2285	C	3.158	0.07557	0.9004
3	rs13062154	196165505	A	0.05728	0.0675	G	2.906	0.08824	0.8394
3	rs952481	196303387	G	0.1841	0.2009	A	3.05	0.08073	0.8975
3	rs2258447	196964927	A	0.07224	0.08616	G	4.318	0.03772	0.8258
3	rs7625441	197338676	A	0.2998	0.2767	G	4.568	0.03258	1.119
3	rs11924930	197413251	A	0.3349	0.3539	G	2.741	0.09783	0.9191
3	rs4538407	197652498	A	0.1307	0.1452	G	2.921	0.08745	0.8854
3	rs6583169	197893709	G	0.1375	0.1574	A	5.204	0.02254	0.8534
3	rs7622437	197904841	G	0.4897	0.4692	A	2.9	0.08859	1.085
3	rs569330	198201710	A	0.4634	0.492	C	5.644	0.01752	0.8917
3	rs768858	198560118	A	0.09659	0.1134	G	4.903	0.02682	0.8361
3	rs2567350	198688116	A	0.2673	0.2872	G	3.35	0.0672	0.9055
3	rs9813057	198694751	A	0.02482	0.03205	G	2.973	0.08467	0.7687
4	rs13102358	465468	G	0.2406	0.2219	A	3.441	0.06361	1.111
4	rs4130382	499178	A	0.05057	0.04192	G	3.148	0.07603	1.217
4	rs13149565	530025	A	0.3935	0.3729	G	3.103	0.07815	1.091
4	rs3891250	648304	A	0.145	0.1624	C	3.9	0.0483	0.8743
4	rs2242235	745210	G	0.09369	0.08243	A	2.842	0.09183	1.151
4	rs1044147	753077	A	0.04541	0.06301	G	9.32	0.002266	0.7074
4	rs11248060	954359	A	0.1078	0.121	G	2.821	0.09301	0.8784
4	rs6814036	1405698	G	0.4602	0.437	A	3.788	0.05161	1.099
4	rs576274	1967887	A	0.2466	0.2775	G	8.235	0.004108	0.8526
4	rs2236998	2226514	G	0.1378	0.1563	A	4.519	0.03353	0.8628
4	rs6599426	2270639	G	0.06715	0.08052	A	4.236	0.03959	0.8219
4	rs231394	2806426	G	0.452	0.4155	A	9.423	0.002143	1.16
4	rs2269497	3399654	G	0.0227	0.03225	A	5.199	0.0226	0.6972
4	rs16844364	3408441	A	0.2033	0.225	G	4.679	0.03053	0.8789
4	rs13109504	3492481	A	0.2286	0.2093	G	3.849	0.04977	1.119

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4	rs1730775	3494855	A	0.1068	0.125	G	5.291	0.02143	0.8371
4	rs2857962	3707681	G	0.08058	0.06798	A	4.241	0.03946	1.202
4	rs4916612	3719953	A	0.09288	0.1089	C	4.617	0.03165	0.838
4	rs13118771	3735553	G	0.09091	0.1065	A	4.455	0.0348	0.8392
4	rs6816148	4427645	A	0.148	0.1643	G	3.325	0.06822	0.8841
4	rs4305464	4438461	A	0.3839	0.3644	G	2.822	0.09299	1.087
4	rs7689784	4606398	G	0.2776	0.3041	A	5.774	0.01627	0.8792
4	rs11728302	4616511	A	0.3013	0.2801	G	3.825	0.0505	1.108
4	rs7690052	4751507	A	0.06089	0.05094	G	3.46	0.06285	1.208
4	rs11721707	5000372	G	0.0258	0.03577	A	5.126	0.02356	0.7138
4	rs7659395	5058278	A	0.1687	0.1473	C	6.249	0.01242	1.175
4	rs6811343	5132896	A	0.07998	0.09612	G	5.26	0.02182	0.8175
4	rs2654498	5452227	G	0.2366	0.2554	A	3.233	0.07215	0.9034
4	rs17689430	5796205	A	0.1144	0.1002	G	3.787	0.05165	1.16
4	rs2286282	5894167	G	0.3849	0.3656	A	2.778	0.09558	1.086
4	rs17749484	5896715	A	0.2038	0.1875	C	3.009	0.0828	1.11
4	rs6446410	5985715	A	0.358	0.3378	G	3.105	0.07804	1.093
4	rs6851472	6008151	A	0.09814	0.117	G	5.998	0.01432	0.8216
4	rs16837906	6009390	A	0.01817	0.02588	C	4.176	0.04099	0.6966
4	rs7438838	6109633	A	0.2843	0.26	G	5.273	0.02166	1.131
4	rs12186253	6166347	A	0.1538	0.1789	G	7.53	0.006068	0.8338
4	rs10937705	6234085	A	0.2296	0.2503	C	3.975	0.04617	0.8925
4	rs4689381	6308089	A	0.4747	0.4505	G	4.06	0.0439	1.102
4	rs17721635	6444195	G	0.08411	0.09941	A	4.585	0.03226	0.8319
4	rs6853134	6461350	A	0.1522	0.136	G	3.832	0.05027	1.141
4	rs4689024	6700520	G	0.3117	0.3372	A	5.053	0.02459	0.89
4	rs7681358	6817771	A	0.08411	0.06938	G	5.678	0.01718	1.232
4	rs4689549	6827550	A	0.151	0.166	G	2.821	0.09304	0.8935
4	rs4579118	6942664	A	0.202	0.1832	G	3.971	0.04629	1.128
4	rs4689606	7187899	G	0.2379	0.218	A	3.956	0.0467	1.119
4	rs7681336	7296855	A	0.05521	0.06861	C	4.947	0.02614	0.7933
4	rs6826089	7317757	A	0.1594	0.1442	C	3.209	0.07324	1.126
4	rs7656453	7346055	A	0.07843	0.06831	G	2.735	0.09818	1.161
4	rs6830500	7452369	A	0.393	0.4168	G	4.036	0.04453	0.9058
4	rs4292336	7471686	G	0.1527	0.1687	A	3.179	0.07459	0.888
4	rs11733360	7478732	G	0.2495	0.2678	A	2.958	0.08544	0.9088
4	rs4025904	7478800	A	0.07851	0.06717	G	3.474	0.06234	1.183
4	rs6849590	7483478	A	0.2508	0.276	G	5.531	0.01868	0.8779
4	rs13435654	7490276	A	0.1749	0.1597	C	2.94	0.0864	1.115
4	rs4425375	7492752	C	0.1883	0.2047	A	2.849	0.09141	0.9016
4	rs9991239	7979941	A	0.1663	0.1405	G	9.316	0.002271	1.221
4	rs4696727	8043686	G	0.3385	0.3615	A	3.985	0.04589	0.9036
4	rs13144749	8172405	A	0.2255	0.1926	G	11.81	0.0005891	1.22
4	rs12186177	8309550	A	0.2296	0.2095	G	4.195	0.04055	1.125
4	rs13144236	8355037	A	0.2327	0.2759	G	16.27	5.501e-05	0.7959
4	rs16842643	8656980	G	0.1068	0.09484	A	2.846	0.09158	1.142

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4	rs13112750	10156441	A	0.211	0.2331	G	4.732	0.02961	0.88
4	rs4697648	10307363	A	0.1165	0.1314	G	3.413	0.06468	0.8711
4	rs6448195	10323249	A	0.04348	0.03556	C	3.072	0.07964	1.233
4	rs1110364	10659228	G	0.4016	0.4342	A	7.49	0.006206	0.8742
4	rs756418	11157065	A	0.1388	0.1232	C	3.857	0.04953	1.147
4	rs13151936	11224042	G	0.192	0.1688	A	6.502	0.01078	1.17
4	rs11732370	11810100	A	0.5052	0.4828	C	3.464	0.06271	1.094
4	rs16886872	11877560	A	0.124	0.1065	C	5.443	0.01965	1.187
4	rs13133753	11930077	G	0.4076	0.4373	A	6.16	0.01306	0.8857
4	rs7661913	12350867	G	0.1027	0.0907	A	2.965	0.08509	1.147
4	rs1157946	13143506	A	0.2332	0.2543	G	4.061	0.04389	0.892
4	rs3733557	13210435	A	0.1677	0.1493	G	4.533	0.03325	1.148
4	rs16889086	13337875	G	0.02064	0.02939	A	4.782	0.02876	0.696
4	rs1008218	13394323	C	0.4135	0.4454	A	7.055	0.007904	0.8779
4	rs10939516	13424253	G	0.1929	0.1738	A	4.324	0.03759	1.136
4	rs7660348	13429715	G	0.2753	0.2946	A	3.114	0.07763	0.9094
4	rs12646158	13954818	C	0.1643	0.1826	A	3.926	0.04753	0.8797
4	rs4698737	13977726	A	0.0614	0.07431	G	4.252	0.03919	0.815
4	rs887563	14004000	G	0.1658	0.1481	A	4.251	0.03923	1.144
4	rs6449093	14571594	G	0.08153	0.09457	A	3.472	0.0624	0.8499
4	rs2173848	16181283	A	0.0227	0.03052	G	3.664	0.05559	0.7379
4	rs1395291	16290315	A	0.2322	0.2541	G	4.395	0.03605	0.8877
4	rs158278	16410139	G	0.09039	0.07613	A	4.897	0.02691	1.206
4	rs2518641	17076813	G	0.1944	0.2185	A	5.881	0.01531	0.8634
4	rs6825100	17305532	A	0.3732	0.3938	G	3.048	0.08086	0.9166
4	rs4235395	18166572	A	0.3458	0.3264	G	2.935	0.08668	1.091
4	rs6449430	18503581	C	0.03922	0.04922	A	3.766	0.0523	0.7885
4	rs4380519	19419976	A	0.3962	0.4166	G	2.954	0.08564	0.9189
4	rs7658418	19430663	A	0.2983	0.28	G	2.866	0.09048	1.093
4	rs1872470	19659311	G	0.1604	0.177	A	3.275	0.07032	0.8882
4	rs10018142	19672161	A	0.0656	0.07713	G	3.268	0.07064	0.84
4	rs4443280	20099765	A	0.05624	0.04599	G	4.038	0.04448	1.236
4	rs1157616	20391893	A	0.06366	0.05392	G	3.142	0.07631	1.193
4	rs1863633	20418762	G	0.04438	0.03551	A	3.858	0.04951	1.261
4	rs12501548	20429186	G	0.4995	0.4784	A	3.072	0.07963	1.088
4	rs4499695	20612633	G	0.09843	0.1135	A	3.904	0.04817	0.8525
4	rs415104	21057878	G	0.1731	0.2022	A	9.144	0.002496	0.8258
4	rs4697249	21547901	A	0.4303	0.4052	G	4.519	0.03352	1.109
4	rs4235294	21830023	A	0.4437	0.4196	G	4.099	0.04291	1.103
4	rs4285070	21875778	G	0.1527	0.1374	A	3.409	0.06483	1.132
4	rs10030690	22331068	G	0.4216	0.396	A	4.698	0.03021	1.112
4	rs4697372	22853172	G	0.5036	0.4826	A	3.054	0.08055	1.088
4	rs7656250	23475114	G	0.2743	0.2569	A	2.736	0.09811	1.094
4	rs4697051	23824736	G	0.0903	0.1031	A	3.09	0.07875	0.8636
4	rs11736361	23999911	A	0.1163	0.1329	G	4.163	0.04131	0.8587
4	rs12501699	24255870	C	0.2714	0.2932	A	3.965	0.04647	0.8981

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4	rs2324638	24617949	A	0.03538	0.04456	G	3.46	0.06288	0.7865
4	rs13110616	24818931	C	0.03509	0.02715	A	3.989	0.04581	1.303
4	rs871476	25152250	G	0.1321	0.1554	A	7.244	0.007114	0.8271
4	rs11736751	25213030	A	0.2992	0.3199	G	3.403	0.06507	0.9076
4	rs11935381	25343344	A	0.1956	0.2125	G	2.96	0.08534	0.9012
4	rs7442065	25559772	A	0.1119	0.1309	G	5.51	0.01891	0.8368
4	rs6839155	25717843	G	0.4721	0.4457	A	4.86	0.02748	1.112
4	rs10517092	25809803	G	0.2206	0.2009	A	4.099	0.04292	1.125
4	rs10005500	25810625	A	0.06811	0.08559	G	6.875	0.008739	0.7809
4	rs16878186	25829397	A	0.06828	0.05605	G	4.688	0.03038	1.234
4	rs1567541	25849954	A	0.05934	0.06938	C	2.732	0.09836	0.8462
4	rs3109848	26066266	A	0.1651	0.1865	G	5.234	0.02215	0.8629
4	rs4299571	26426708	G	0.4654	0.4405	A	4.313	0.03783	1.106
4	rs16878895	26757856	G	0.05263	0.04311	A	3.703	0.0543	1.233
4	rs1386901	26870786	A	0.1925	0.1757	C	3.336	0.06776	1.119
4	rs4692195	26927863	G	0.2634	0.2462	A	2.759	0.09673	1.095
4	rs10489003	27559007	A	0.2314	0.206	C	6.758	0.009334	1.161
4	rs2058574	27580694	A	0.1729	0.1524	C	5.507	0.01894	1.162
4	rs7438460	28474289	A	0.03767	0.04725	G	3.593	0.05802	0.7893
4	rs1503496	29567253	G	0.1648	0.1891	A	6.742	0.009419	0.8458
4	rs2256587	29793136	A	0.06043	0.04953	G	4.25	0.03925	1.234
4	rs7676542	30600396	A	0.1889	0.2092	G	4.37	0.03658	0.8799
4	rs4361348	30922137	A	0.4649	0.4915	G	4.873	0.02729	0.8989
4	rs11935585	30925362	C	0.02477	0.03233	A	3.232	0.0722	0.7602
4	rs6531772	33432805	G	0.132	0.116	A	4.229	0.03974	1.159
4	rs1480974	34852928	G	0.2123	0.2354	A	5.15	0.02325	0.8754
4	rs2127850	34872317	A	0.2611	0.2379	G	5.061	0.02448	1.132
4	rs6531347	34895354	G	0.2301	0.2521	A	4.443	0.03505	0.8867
4	rs7686175	34925242	G	0.2038	0.1803	A	6.387	0.01149	1.164
4	rs10000487	34975682	G	0.1308	0.116	A	3.666	0.05553	1.148
4	rs12374226	35429270	A	0.2178	0.243	G	6.014	0.0142	0.8673
4	rs12641967	35473477	A	0.05636	0.04758	G	2.874	0.09001	1.196
4	rs4470654	35863494	C	0.09133	0.1049	A	3.448	0.06333	0.8572
4	rs6855055	36106120	A	0.0356	0.0287	G	2.876	0.08993	1.249
4	rs11737439	36292993	A	0.2697	0.2928	G	4.439	0.03513	0.892
4	rs10517410	37045599	G	0.0532	0.06407	A	3.453	0.06314	0.8209
4	rs7375557	37061481	A	0.3907	0.3691	C	3.436	0.06378	1.096
4	rs6531560	37337010	A	0.4107	0.4319	G	3.148	0.076	0.9169
4	rs6531596	37581996	A	0.1068	0.1225	G	3.986	0.04588	0.8568
4	rs13110318	37815251	A	0.07946	0.09396	G	4.323	0.0376	0.8324
4	rs17426900	37936743	A	0.2884	0.264	C	5.273	0.02166	1.13
4	rs17428931	38365437	G	0.07843	0.06599	A	4.249	0.03926	1.205
4	rs11466657	38452189	G	0.02425	0.03563	A	6.73	0.009479	0.6727
4	rs4974983	38647452	A	0.2795	0.2566	G	4.694	0.03027	1.124
4	rs2435530	38692470	A	0.3189	0.294	G	5.104	0.02387	1.124
4	rs17430272	38707073	G	0.06426	0.04936	A	7.836	0.005122	1.323

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4	rs807787	39828051	G	0.09607	0.112	A	4.465	0.0346	0.8425
4	rs6832151	39998408	C	0.2639	0.2827	A	2.986	0.08398	0.9101
4	rs278977	40087253	A	0.0872	0.07472	G	3.827	0.05045	1.183
4	rs12647748	40148109	A	0.1233	0.1102	G	3	0.08328	1.136
4	rs278949	40156469	G	0.3535	0.3783	A	4.537	0.03317	0.8985
4	rs3935357	40646585	G	0.2952	0.2757	A	3.293	0.06959	1.101
4	rs16854618	42317282	C	0.06347	0.07824	A	5.325	0.02103	0.7983
4	rs12511535	45177878	G	0.3843	0.3638	A	3.128	0.07696	1.092
4	rs9992791	45217342	A	0.2688	0.2419	G	6.743	0.009413	1.152
4	rs17653240	46972055	G	0.06081	0.07814	A	7.305	0.006878	0.7638
4	rs309872	48031742	A	0.3658	0.3877	C	3.478	0.0622	0.9111
4	rs17575888	48321069	A	0.04747	0.05788	G	3.493	0.06163	0.8112
4	rs2605267	48655620	A	0.5103	0.486	G	4.08	0.04338	1.102
4	rs13353646	52756152	A	0.16	0.1751	G	2.761	0.09659	0.897
4	rs346923	53106886	A	0.09804	0.1146	G	4.707	0.03004	0.8401
4	rs1948709	53144853	G	0.08978	0.103	A	3.287	0.06981	0.8593
4	rs10012324	53573909	G	0.3003	0.3195	A	2.924	0.08727	0.9143
4	rs10025091	53959300	G	0.03354	0.04341	A	4.148	0.04169	0.7647
4	rs7656613	54836600	G	0.2417	0.2734	A	8.788	0.003033	0.8471
4	rs10488845	55237626	A	0.04541	0.05433	G	2.717	0.09928	0.828
4	rs6841800	55576168	G	0.2784	0.2577	A	3.857	0.04954	1.112
4	rs6838752	55658858	G	0.2549	0.2368	A	3.104	0.07809	1.103
4	rs10003420	55784016	C	0.02941	0.02168	A	4.679	0.03054	1.367
4	rs4864553	56243164	A	0.4489	0.4275	G	3.224	0.07258	1.091
4	rs12507786	56285770	A	0.3256	0.3454	G	3.007	0.08293	0.9148
4	rs2593087	56530066	G	0.04954	0.04107	A	3.071	0.07971	1.217
4	rs1479007	56813975	A	0.09391	0.1084	G	3.775	0.05204	0.8529
4	rs11732236	56826804	G	0.2846	0.2652	A	3.318	0.06852	1.102
4	rs533178	56844407	G	0.3344	0.2998	A	9.774	0.00177	1.173
4	rs7696217	56867804	A	0.1649	0.1803	G	2.761	0.09658	0.8981
4	rs10023933	57095526	A	0.1785	0.1601	G	4.329	0.03746	1.14
4	rs4865131	57193203	G	0.3425	0.3704	A	5.806	0.01598	0.8851
4	rs4865140	57231956	C	0.1459	0.1323	A	2.737	0.09807	1.12
4	rs11573111	57601443	A	0.3648	0.3853	G	3.055	0.08049	0.9164
4	rs1277272	57604145	A	0.1296	0.1435	G	2.729	0.09852	0.8888
4	rs1277296	57623087	G	0.06767	0.08038	A	3.829	0.05038	0.8304
4	rs1714020	57631891	A	0.1956	0.2131	G	3.181	0.0745	0.8978
4	rs2098159	57767493	A	0.1011	0.08624	G	4.775	0.02888	1.192
4	rs917680	57816651	C	0.06089	0.05074	A	3.611	0.05741	1.213
4	rs7686067	57841686	A	0.1569	0.1391	C	4.476	0.03437	1.151
4	rs521733	58269992	C	0.4502	0.4718	A	3.215	0.07296	0.9167
4	rs4865283	58369041	G	0.1889	0.2215	A	10.81	0.001008	0.8181
4	rs17088788	58403075	A	0.3066	0.2833	G	4.582	0.03232	1.119
4	rs1915903	58871832	A	0.1508	0.1354	G	3.433	0.06391	1.134
4	rs4640727	59184953	A	0.1008	0.08788	G	3.55	0.05955	1.164
4	rs1354254	59764783	G	0.3987	0.4233	A	4.274	0.03869	0.9034

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4	rs1983239	59931960	G	0.1356	0.1224	A	2.78	0.09546	1.125
4	rs1507127	60276535	A	0.2355	0.218	G	3.066	0.07995	1.105
4	rs349215	60526528	G	0.04696	0.03598	A	5.799	0.01604	1.32
4	rs8180200	61529551	A	0.2059	0.2247	G	3.513	0.06089	0.8948
4	rs10031140	61597472	A	0.05986	0.0499	C	3.535	0.06009	1.212
4	rs1486503	61638561	G	0.4073	0.4301	A	3.651	0.05605	0.9106
4	rs10517821	62941222	A	0.09006	0.1057	C	4.522	0.03346	0.8373
4	rs6843214	63036898	A	0.374	0.4208	G	15.58	7.891e-05	0.8221
4	rs1031536	63110649	G	0.3769	0.355	A	3.596	0.05793	1.099
4	rs4340822	63306444	G	0.1012	0.1143	A	2.923	0.08731	0.8731
4	rs17086224	65964956	G	0.03251	0.02595	A	2.857	0.09095	1.261
4	rs4441811	66204084	A	0.2281	0.2454	G	2.819	0.09314	0.9084
4	rs11727254	66254452	G	0.1501	0.1295	A	6.354	0.01171	1.187
4	rs12501488	66269296	A	0.2528	0.2709	G	2.849	0.09144	0.9108
4	rs2350334	66296103	A	0.2676	0.249	G	3.154	0.07575	1.102
4	rs2350339	66311570	G	0.1534	0.1719	A	4.178	0.04094	0.8729
4	rs13148458	66967501	A	0.05682	0.04662	G	3.947	0.04697	1.232
4	rs1512962	67036375	A	0.4199	0.3973	G	3.638	0.05648	1.098
4	rs1397470	67142556	G	0.1427	0.1582	A	3.125	0.07708	0.8858
4	rs10031872	67496728	A	0.04725	0.03856	G	3.413	0.06467	1.237
4	rs6852744	67842380	G	0.3937	0.4224	A	5.83	0.01576	0.8878
4	rs3775867	68126852	G	0.1156	0.1016	A	3.644	0.05626	1.156
4	rs1440740	68458302	G	0.4149	0.4388	A	4.027	0.04477	0.9067
4	rs7687396	68680748	A	0.4654	0.4906	C	4.392	0.0361	0.9038
4	rs17590869	68733298	A	0.1312	0.115	G	4.365	0.03668	1.162
4	rs293408	69635713	A	0.2717	0.2509	G	3.943	0.04708	1.114
4	rs1828703	69660787	G	0.07963	0.09257	A	3.481	0.06206	0.8481
4	rs12651295	69806524	C	0.1414	0.1278	A	2.848	0.09146	1.124
4	rs10031344	70363547	A	0.07069	0.05667	G	6.185	0.01288	1.266
4	rs3775774	70753827	G	0.2946	0.315	A	3.328	0.0681	0.9084
4	rs3775770	70758859	A	0.3164	0.2892	G	6.179	0.01293	1.138
4	rs1399249	71029223	G	0.2235	0.2469	A	5.105	0.02385	0.8777
4	rs4694075	71501503	A	0.5119	0.4826	G	5.926	0.01492	1.124
4	rs4694127	73770957	A	0.05165	0.06392	G	4.419	0.03555	0.7977
4	rs2366715	74072967	A	0.4303	0.4043	G	4.821	0.02812	1.113
4	rs7665555	74737693	A	0.2033	0.2229	G	3.869	0.0492	0.8894
4	rs6855668	74747491	A	0.3314	0.3064	G	5.034	0.02485	1.122
4	rs6851997	74898150	G	0.3813	0.4034	A	3.479	0.06214	0.9116
4	rs2886969	74981921	G	0.2632	0.2423	A	4.05	0.04416	1.117
4	rs2472649	75076572	A	0.1539	0.1749	G	5.298	0.02135	0.8584
4	rs10017409	75381542	A	0.2474	0.2244	G	5.22	0.02233	1.136
4	rs1994941	75619179	G	0.06244	0.0512	A	4.38	0.03637	1.234
4	rs2609200	75698084	G	0.2895	0.2674	A	4.27	0.03878	1.116
4	rs16999874	75949265	G	0.04607	0.05766	A	4.348	0.03705	0.7892
4	rs896577	75967145	C	0.2936	0.3144	A	3.492	0.06167	0.9062
4	rs11944489	76199949	G	0.4577	0.4329	A	4.297	0.03818	1.105

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4	rs17000473	76491821	G	0.05907	0.04646	A	5.987	0.01441	1.288
4	rs17211828	76504789	A	0.04799	0.0584	G	3.463	0.06274	0.8128
4	rs17002031	77651608	A	0.1022	0.08795	G	4.276	0.03865	1.18
4	rs9996922	77656773	G	0.2508	0.2709	A	3.549	0.05957	0.9008
4	rs883698	78134689	G	0.4432	0.4222	A	3.117	0.07747	1.089
4	rs17002334	78168302	G	0.01603	0.02207	A	2.998	0.08335	0.7219
4	rs10518178	78638707	G	0.09077	0.1047	A	3.593	0.05801	0.8538
4	rs10518177	78639592	A	0.1539	0.1339	G	5.891	0.01522	1.177
4	rs11728917	78782608	A	0.129	0.1477	G	4.858	0.02752	0.8545
4	rs7697470	79540094	A	0.1182	0.1024	G	4.57	0.03254	1.174
4	rs4975139	79674757	A	0.4169	0.4451	G	5.535	0.01864	0.8916
4	rs11936220	79685652	A	0.3817	0.353	C	6.18	0.01292	1.131
4	rs11726286	79889405	A	0.07843	0.06742	G	3.272	0.07047	1.177
4	rs17003707	80429952	A	0.1815	0.1652	G	3.303	0.06917	1.121
4	rs7696440	80785084	A	0.454	0.4748	G	2.97	0.08482	0.9201
4	rs7664429	81379871	G	0.07998	0.06669	A	4.799	0.02848	1.217
4	rs2290755	81433140	C	0.2446	0.225	A	3.773	0.05209	1.115
4	rs17539130	81896230	G	0.06334	0.05026	A	5.991	0.01438	1.278
4	rs2055177	82063550	G	0.1426	0.1584	A	3.246	0.07159	0.8836
4	rs6535246	82562266	G	0.02944	0.03812	A	3.626	0.05688	0.7655
4	rs10516659	82899710	A	0.08617	0.0753	G	2.887	0.08929	1.158
4	rs9307787	82909518	C	0.2549	0.2377	A	2.815	0.09339	1.097
4	rs11722069	83508397	A	0.06257	0.04815	G	7.508	0.006143	1.319
4	rs11933135	83887434	A	0.09034	0.1026	G	2.853	0.09119	0.8682
4	rs11722776	84230236	G	0.05624	0.04601	A	4.02	0.04497	1.236
4	rs4693608	84460381	G	0.4897	0.4676	A	3.365	0.0666	1.092
4	rs4693611	84466744	A	0.1065	0.125	G	5.474	0.0193	0.8342
4	rs6831788	84501852	G	0.2642	0.2446	A	3.561	0.05915	1.109
4	rs882109	85479645	G	0.1028	0.1187	A	4.151	0.04161	0.8512
4	rs17369165	86008964	G	0.145	0.1735	A	9.928	0.001628	0.8078
4	rs381032	86528848	G	0.4381	0.4149	A	3.814	0.05084	1.099
4	rs7692397	88445557	A	0.2451	0.2218	C	5.344	0.02079	1.139
4	rs2169611	89036455	G	0.07379	0.06265	A	3.579	0.05853	1.192
4	rs1351441	89386431	G	0.09856	0.1182	A	6.498	0.0108	0.8155
4	rs11733230	89514187	G	0.4618	0.4329	A	5.861	0.01548	1.124
4	rs2717533	89660802	A	0.07911	0.09056	G	2.777	0.09564	0.8627
4	rs4694010	90669602	G	0.05728	0.06785	A	3.099	0.07832	0.8347
4	rs3857047	90825541	C	0.156	0.1396	A	3.831	0.05032	1.139
4	rs17205242	91289697	G	0.06295	0.04992	A	6.009	0.01423	1.278
4	rs7688033	91520344	A	0.09959	0.1131	C	3.177	0.07466	0.8673
4	rs4285958	93619076	A	0.1011	0.08455	G	6.011	0.01422	1.218
4	rs6847540	93815190	G	0.04959	0.05985	A	3.286	0.06987	0.8195
4	rs13142489	94135377	A	0.1027	0.08842	C	4.285	0.03846	1.18
4	rs7684707	94438413	A	0.2915	0.2732	G	2.895	0.08884	1.095
4	rs7655363	94642173	A	0.3089	0.279	C	7.602	0.00583	1.155
4	rs1898905	94870001	A	0.106	0.1201	G	3.293	0.06958	0.8684

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4	rs4693344	94934699	C	0.1767	0.1576	A	4.677	0.03057	1.147
4	rs6846079	95850330	C	0.3698	0.35	A	2.924	0.08725	1.09
4	rs2719175	96013083	G	0.1698	0.1866	A	3.256	0.07116	0.8912
4	rs6842938	96111151	C	0.07696	0.06632	A	3.101	0.07827	1.174
4	rs17352477	96399583	G	0.04386	0.05281	A	2.81	0.09368	0.8228
4	rs11936554	96421807	A	0.07394	0.05971	G	6.06	0.01383	1.257
4	rs4699840	96427777	G	0.4401	0.4201	A	2.847	0.09157	1.085
4	rs10012134	96533879	A	0.1291	0.1107	G	5.827	0.01578	1.191
4	rs7699716	96648015	G	0.07756	0.08985	A	3.225	0.0725	0.8517
4	rs13118387	96944827	A	0.3185	0.2983	G	3.307	0.06899	1.099
4	rs766128	97106118	G	0.1001	0.1148	A	3.733	0.05335	0.8574
4	rs10488827	98080164	A	0.05757	0.06812	G	3.059	0.08028	0.8357
4	rs10488831	98126969	G	0.03981	0.0503	A	4.051	0.04414	0.7829
4	rs2004316	99600171	G	0.07808	0.09246	A	4.313	0.03783	0.8312
4	rs4699668	99885815	G	0.2446	0.2721	A	6.621	0.01008	0.8662
4	rs968053	99922957	A	0.1491	0.1352	G	2.838	0.09207	1.121
4	rs1663060	100072565	G	0.04447	0.03657	A	2.982	0.08418	1.226
4	rs991316	100541468	A	0.4763	0.4539	G	3.483	0.06202	1.094
4	rs1108961	100882189	A	0.3082	0.3341	G	5.226	0.02225	0.8878
4	rs12506292	101351276	G	0.4385	0.4683	A	6.168	0.01301	0.8865
4	rs4130108	101435877	A	0.2754	0.2992	G	4.652	0.03102	0.8903
4	rs10010623	101931127	A	0.4472	0.4707	G	3.824	0.05053	0.9095
4	rs7669170	102833175	A	0.05331	0.06354	C	3.074	0.07957	0.83
4	rs11097755	102928331	G	0.4721	0.4465	A	4.585	0.03226	1.109
4	rs170869	103439424	A	0.2526	0.2306	G	4.645	0.03115	1.127
4	rs3796974	104764673	A	0.4329	0.4603	G	5.216	0.02238	0.8951
4	rs2951111	105138558	C	0.2262	0.2099	A	2.75	0.09723	1.1
4	rs2725771	105978188	A	0.2813	0.3067	C	5.245	0.02201	0.8848
4	rs6858204	106686575	G	0.05843	0.07275	A	5.34	0.02084	0.791
4	rs4699189	106701684	C	0.3663	0.3876	A	3.279	0.07018	0.9134
4	rs199323	106721962	C	0.0276	0.03526	A	3.013	0.08258	0.7768
4	rs2553435	107016314	G	0.04663	0.06245	A	7.543	0.006024	0.7343
4	rs2949646	107507898	A	0.2164	0.1889	G	8.365	0.003825	1.186
4	rs13147747	107598362	G	0.08827	0.1044	A	4.861	0.02747	0.8303
4	rs4340861	107766967	G	0.2621	0.2846	A	4.305	0.03801	0.893
4	rs1492474	108365479	C	0.1405	0.1569	A	3.537	0.06001	0.8784
4	rs17486074	108424182	A	0.0439	0.03586	G	3.149	0.07599	1.234
4	rs2726684	108719083	A	0.4777	0.501	G	3.74	0.05312	0.9108
4	rs17567325	109339077	A	0.2709	0.2893	G	2.84	0.09194	0.9129
4	rs1452398	109525081	G	0.1141	0.1329	A	5.352	0.0207	0.8401
4	rs2575657	109877380	G	0.208	0.2322	A	5.676	0.0172	0.8685
4	rs12710996	109878359	A	0.09856	0.08434	G	4.44	0.03511	1.187
4	rs7677050	110082608	A	0.112	0.126	G	3.11	0.07781	0.8747
4	rs10516554	110141513	G	0.2443	0.2274	A	2.806	0.09391	1.099
4	rs1425353	110201134	G	0.1827	0.1665	A	3.224	0.07258	1.119
4	rs768063	110839905	A	0.03199	0.04112	G	3.733	0.05334	0.7707

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4	rs2346841	110874089	A	0.05366	0.06889	G	6.38	0.01154	0.7664
4	rs10033900	110878516	A	0.5273	0.481	G	14.85	0.0001164	1.204
4	rs11098064	111185569	A	0.2632	0.2822	G	3.105	0.07805	0.9084
4	rs1557803	111197947	G	0.352	0.3275	A	4.665	0.03078	1.115
4	rs17041309	111199156	A	0.08574	0.06919	G	7.158	0.007465	1.262
4	rs1947187	111764946	A	0.1811	0.1646	G	3.388	0.06567	1.122
4	rs13141190	111948063	A	0.3537	0.38	G	5.085	0.02413	0.8928
4	rs4124159	111949692	A	0.08153	0.09396	G	3.172	0.07489	0.856
4	rs6838973	111984944	A	0.4091	0.436	G	5.095	0.02399	0.8954
4	rs17043035	112418226	A	0.06244	0.05024	G	5.244	0.02202	1.259
4	rs17527471	113055019	A	0.04489	0.05456	C	3.185	0.07433	0.8145
4	rs11723765	113484912	A	0.2967	0.3179	G	3.606	0.05757	0.905
4	rs17628268	113550221	G	0.08772	0.0766	A	2.972	0.08472	1.159
4	rs10034059	115082601	A	0.2402	0.2655	G	5.705	0.01692	0.8745
4	rs4640736	117788970	A	0.1677	0.1846	G	3.302	0.06919	0.89
4	rs4240307	118570829	C	0.4917	0.4718	A	2.758	0.09677	1.083
4	rs6838128	118900709	A	0.1468	0.1332	G	2.77	0.09603	1.121
4	rs1380163	120141559	G	0.09711	0.1127	A	4.244	0.03938	0.8468
4	rs4834827	121077628	G	0.4313	0.4551	A	3.941	0.04713	0.908
4	rs13130657	121141892	G	0.3498	0.3281	A	3.679	0.05509	1.102
4	rs17051273	122012235	G	0.2591	0.2413	A	2.937	0.08658	1.099
4	rs6821443	122566710	C	0.3466	0.3216	A	4.9	0.02686	1.119
4	rs970349	123091082	A	0.2255	0.2428	G	2.831	0.09244	0.9079
4	rs6840978	123774157	A	0.1774	0.1977	G	4.555	0.03283	0.8746
4	rs149240	124355828	A	0.05998	0.05034	G	3.279	0.07017	1.204
4	rs169950	124452611	A	0.05124	0.04141	G	4.087	0.04322	1.25
4	rs12498640	125566164	C	0.3191	0.3398	A	3.27	0.07054	0.9107
4	rs12504009	125773305	A	0.06966	0.05615	G	5.799	0.01604	1.259
4	rs11939336	126134089	G	0.3738	0.398	A	4.189	0.04069	0.9032
4	rs7675694	126342034	G	0.1037	0.1181	A	3.466	0.06264	0.8641
4	rs17800919	126481411	G	0.2487	0.2293	A	3.644	0.05626	1.113
4	rs4077738	126969355	G	0.1801	0.164	A	3.233	0.07219	1.12
4	rs12651075	127255410	G	0.06767	0.05781	A	3.019	0.0823	1.183
4	rs6827629	127477110	G	0.4378	0.4582	A	2.899	0.08863	0.9206
4	rs6534699	129870521	A	0.2035	0.1878	G	2.764	0.09643	1.105
4	rs2033052	129895734	A	0.2203	0.1945	G	7.209	0.007252	1.17
4	rs4975260	129927474	G	0.1068	0.09115	A	5.026	0.02497	1.192
4	rs6813608	129928694	G	0.03461	0.04669	A	5.812	0.01591	0.7319
4	rs17014243	130277216	A	0.07851	0.09038	G	2.992	0.08365	0.8575
4	rs512552	130350075	C	0.1246	0.1412	A	3.954	0.04675	0.8657
4	rs7677291	130380799	A	0.339	0.3616	G	3.836	0.05016	0.9054
4	rs1433378	130535969	G	0.2035	0.2227	A	3.695	0.05458	0.8918
4	rs931459	130783113	A	0.5175	0.4943	G	3.719	0.0538	1.097
4	rs10022354	130873855	A	0.05561	0.06595	G	3.02	0.08223	0.8341
4	rs17557587	133370661	A	0.1197	0.1051	G	3.863	0.04937	1.158
4	rs17025316	134628871	A	0.04253	0.05146	C	2.858	0.09091	0.8187

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4	rs13138831	134763070	A	0.1312	0.1461	G	3.079	0.07929	0.8829
4	rs7668810	134929867	G	0.1798	0.1632	A	3.407	0.06494	1.123
4	rs17036736	135529518	A	0.2348	0.211	G	5.803	0.016	1.147
4	rs1486973	135548877	A	0.1727	0.1905	G	3.566	0.05898	0.8871
4	rs4507423	136168675	A	0.4627	0.4909	G	5.476	0.01928	0.893
4	rs6851213	136494571	G	0.04702	0.0381	A	3.613	0.05732	1.246
4	rs17047996	136764395	A	0.1415	0.1266	G	3.399	0.06526	1.137
4	rs15197600	137426052	A	0.3428	0.3726	G	6.574	0.01035	0.8782
4	rs6854954	137616496	G	0.3354	0.3145	A	3.474	0.06233	1.1
4	rs10030705	137677838	A	0.09129	0.1048	G	3.395	0.06538	0.8579
4	rs2590762	138024354	A	0.1215	0.1353	G	2.808	0.09381	0.8843
4	rs1517949	138118972	G	0.06663	0.05722	A	2.78	0.09542	1.176
4	rs17049291	138187752	A	0.1468	0.1618	G	2.888	0.08923	0.8911
4	rs7679076	138599771	A	0.3178	0.3386	C	3.337	0.06775	0.9099
4	rs4863771	139332786	A	0.3982	0.4294	C	6.823	0.009001	0.8796
4	rs1472782	139927658	G	0.1508	0.1326	A	4.893	0.02696	1.162
4	rs11945690	140765656	G	0.1978	0.1801	A	3.639	0.05644	1.123
4	rs1027472	140771849	G	0.5234	0.4702	A	19.47	1.023e-05	1.237
4	rs10017961	141219787	A	0.2955	0.2726	G	4.519	0.03351	1.119
4	rs2321684	142005683	A	0.2946	0.3162	G	3.725	0.0536	0.9033
4	rs6814533	142100116	C	0.1482	0.1661	A	4.002	0.04544	0.8738
4	rs12509184	142572424	C	0.1011	0.08386	A	6.563	0.01041	1.229
4	rs10030060	142714710	G	0.05228	0.03674	A	11.24	0.0008023	1.446
4	rs10013727	142935271	A	0.05274	0.06505	G	4.376	0.03644	0.8002
4	rs12502051	143004621	G	0.09585	0.08297	A	3.69	0.05473	1.172
4	rs2062597	143015137	G	0.3166	0.3516	A	9.307	0.002283	0.8544
4	rs2636632	143434099	G	0.1873	0.1616	A	8.285	0.003998	1.196
4	rs11930849	143613022	A	0.0658	0.04981	G	8.992	0.002711	1.344
4	rs2355617	146429885	A	0.3683	0.3489	G	2.857	0.09099	1.088
4	rs1015938	146444346	G	0.1861	0.1708	A	2.809	0.09376	1.11
4	rs7670486	146673371	A	0.04283	0.03491	G	3.131	0.07681	1.237
4	rs4835014	146786100	A	0.03302	0.02633	C	2.933	0.08677	1.263
4	rs17020895	147168119	A	0.1592	0.1761	C	3.389	0.06565	0.8862
4	rs12499925	148286077	A	0.09607	0.1114	C	4.12	0.04238	0.8482
4	rs1512329	149553106	A	0.1275	0.1479	G	5.778	0.01623	0.8418
4	rs535013	149935242	C	0.1505	0.1748	A	7.16	0.007455	0.8361
4	rs1858925	149986580	A	0.142	0.1629	G	5.579	0.01818	0.8503
4	rs4240359	151302011	A	0.2477	0.2295	G	3.222	0.07267	1.106
4	rs6835546	152995721	A	0.1218	0.1042	G	5.646	0.0175	1.193
4	rs13109486	153330584	A	0.3467	0.3242	G	3.989	0.04581	1.106
4	rs4443258	153785419	G	0.3746	0.3982	A	4.025	0.04482	0.9052
4	rs6816876	154124534	G	0.0501	0.03905	A	5.446	0.01961	1.298
4	rs17029501	154164793	G	0.05733	0.04841	A	2.923	0.08732	1.196
4	rs4696166	154195745	G	0.5156	0.4906	A	4.269	0.03882	1.105
4	rs7683508	154203733	A	0.2237	0.2409	G	2.81	0.09369	0.9079
4	rs981419	154216966	A	0.07946	0.06767	G	3.737	0.05323	1.189

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4	rs2406233	154254023	A	0.2792	0.3044	G	5.181	0.02283	0.8853
4	rs1063151	154744908	A	0.1287	0.1094	G	6.512	0.01072	1.203
4	rs7340965	155273855	G	0.1519	0.1717	A	4.811	0.02828	0.8639
4	rs4349583	155291239	C	0.1627	0.1801	A	3.559	0.05924	0.8847
4	rs13137121	155767903	G	0.3554	0.3886	A	8.043	0.004567	0.8673
4	rs4691393	156291230	A	0.1074	0.0957	C	2.708	0.09983	1.137
4	rs6812101	158035337	C	0.07843	0.09608	A	6.304	0.01205	0.8007
4	rs4691391	158183735	A	0.1032	0.08969	G	3.797	0.05134	1.168
4	rs1383700	158931514	G	0.1154	0.1307	A	3.562	0.05913	0.8681
4	rs17037201	159305616	C	0.1302	0.117	A	2.848	0.0915	1.129
4	rs1328925	159409740	G	0.4608	0.4982	A	9.673	0.00187	0.8607
4	rs4379102	159474720	A	0.05895	0.04811	G	4.317	0.03774	1.239
4	rs4691488	159528102	G	0.2977	0.2735	A	5.07	0.02434	1.126
4	rs4691567	160583466	A	0.02632	0.03402	G	3.196	0.07381	0.7673
4	rs11945118	161036191	A	0.01756	0.02419	G	3.306	0.06903	0.7211
4	rs1922869	161333616	G	0.2797	0.2558	A	5.12	0.02365	1.129
4	rs1975275	161747957	G	0.01603	0.02255	A	3.429	0.06407	0.7061
4	rs7663074	161787305	A	0.1455	0.1613	G	3.191	0.07407	0.8857
4	rs4691703	161956242	A	0.3847	0.3655	C	2.739	0.09792	1.086
4	rs1560926	162934122	A	0.03509	0.0437	G	3.124	0.07714	0.7958
4	rs17599262	163258678	A	0.05057	0.04183	G	3.213	0.07306	1.22
4	rs11100424	163424929	G	0.05228	0.04263	A	3.834	0.05022	1.239
4	rs4343679	163435577	G	0.4452	0.4222	A	3.738	0.05318	1.098
4	rs12186297	163624801	A	0.2014	0.1782	G	6.267	0.0123	1.163
4	rs1479086	164194529	A	0.06095	0.0716	G	2.986	0.08401	0.8416
4	rs6825276	164763227	A	0.02941	0.03682	G	2.727	0.09868	0.7927
4	rs12643564	164787073	A	0.02844	0.03581	G	2.773	0.09584	0.788
4	rs2056255	166254624	G	0.3142	0.2936	A	3.532	0.06019	1.103
4	rs9990589	167050030	A	0.4096	0.3871	G	3.667	0.0555	1.098
4	rs1039494	167160933	G	0.1223	0.1078	A	3.706	0.05423	1.153
4	rs1600102	168702221	A	0.07386	0.06313	G	3.299	0.06933	1.184
4	rs12649186	169824827	G	0.09649	0.08307	A	4.017	0.04505	1.179
4	rs752625	170208492	G	0.2371	0.2643	A	6.632	0.01002	0.8649
4	rs17544477	170338275	A	0.1286	0.1149	G	3.157	0.07561	1.137
4	rs1995305	170973694	A	0.04799	0.0337	C	10.34	0.001299	1.445
4	rs4692788	171214578	A	0.07283	0.06044	G	4.566	0.03261	1.221
4	rs4692821	171471365	A	0.09824	0.1108	G	2.802	0.09417	0.874
4	rs12503744	172440503	A	0.01548	0.02175	C	3.288	0.06981	0.7073
4	rs751322	172828490	G	0.05971	0.05004	A	3.303	0.06915	1.205
4	rs6553604	173140854	A	0.1698	0.1442	C	8.994	0.002708	1.214
4	rs13122067	173140885	A	0.06037	0.05093	G	3.119	0.07741	1.197
4	rs1505485	173199917	A	0.4339	0.4088	C	4.482	0.03425	1.108
4	rs1394860	173215577	A	0.1192	0.1496	G	12.76	0.0003539	0.7693
4	rs17058017	173241632	G	0.08781	0.1021	A	3.879	0.04889	0.8468
4	rs13130915	173703447	A	0.305	0.2821	G	4.405	0.03584	1.116
4	rs720635	173719535	G	0.1042	0.1283	A	9.069	0.0026	0.7909

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4	rs10520253	174287035	G	0.2203	0.2018	A	3.637	0.0565	1.118
4	rs4695853	174720696	A	0.08083	0.06802	G	4.367	0.03663	1.205
4	rs17060082	175200788	A	0.04902	0.04084	G	2.882	0.08956	1.21
4	rs10520273	175304381	A	0.3363	0.3562	G	2.996	0.08347	0.9157
4	rs2196379	175320991	C	0.04438	0.05675	A	5.049	0.02464	0.7718
4	rs17360144	175659576	C	0.06081	0.07179	A	3.15	0.07591	0.8371
4	rs3846298	175665788	G	0.2559	0.2787	A	4.455	0.03479	0.8904
4	rs2555646	175674188	A	0.2024	0.1868	C	2.722	0.09898	1.104
4	rs9999152	175792797	A	0.4252	0.4014	C	4.047	0.04425	1.103
4	rs10002586	175794378	G	0.02642	0.03621	A	4.858	0.02752	0.7223
4	rs4425356	175819559	G	0.3308	0.357	A	5.178	0.02288	0.8903
4	rs17377586	176444931	C	0.0485	0.0388	A	4.245	0.03936	1.263
4	rs10520304	176855976	A	0.124	0.139	G	3.269	0.07061	0.8768
4	rs13142920	176965608	A	0.1724	0.1447	C	10.49	0.001202	1.231
4	rs10049819	177057089	G	0.1305	0.1456	A	3.155	0.07572	0.8814
4	rs9992247	177472280	G	0.2234	0.2408	A	2.87	0.09023	0.9069
4	rs12640313	177774234	C	0.03715	0.02976	A	3.178	0.07466	1.258
4	rs1545089	178091124	G	0.03973	0.05476	A	7.746	0.005384	0.7142
4	rs10025425	178201142	A	0.4567	0.4785	G	3.296	0.06946	0.916
4	rs10520376	178440457	A	0.1073	0.09535	G	2.797	0.09445	1.141
4	rs6834946	178479531	A	0.05695	0.04696	G	3.724	0.05365	1.226
4	rs13101817	178702341	A	0.3911	0.3712	G	2.923	0.08733	1.088
4	rs4432701	178854734	A	0.3022	0.3235	G	3.592	0.05807	0.9056
4	rs3919788	178937693	C	0.5083	0.4873	A	3.028	0.08186	1.087
4	rs1378547	180572984	G	0.02632	0.01972	A	3.748	0.05287	1.344
4	rs17090640	180904641	A	0.03822	0.04693	G	2.982	0.08418	0.807
4	rs6858229	181166372	G	0.3964	0.3733	A	3.896	0.0484	1.102
4	rs7680285	181228438	G	0.1249	0.1454	A	5.909	0.01507	0.8389
4	rs11734665	181426331	G	0.1736	0.1895	A	2.856	0.09106	0.8985
4	rs17069124	181458336	G	0.01703	0.02411	A	3.8	0.05127	0.7011
4	rs13134793	181685248	G	0.03206	0.04144	A	3.908	0.04806	0.7661
4	rs17069618	181688928	G	0.04902	0.04059	A	3.085	0.07903	1.219
4	rs13114558	181734813	G	0.1569	0.1414	A	3.375	0.06619	1.13
4	rs966299	181818236	G	0.2924	0.3123	A	3.213	0.07306	0.9096
4	rs2546245	181840471	A	0.03922	0.04814	G	3.056	0.08044	0.8071
4	rs2545311	181965648	G	0.388	0.4227	A	8.515	0.003522	0.866
4	rs11737773	182003106	A	0.1574	0.1405	G	4.007	0.04532	1.142
4	rs10022243	182165509	G	0.1479	0.1666	A	4.371	0.03655	0.8684
4	rs6835572	182278503	A	0.226	0.2472	G	4.204	0.04033	0.8891
4	rs6824538	182302252	A	0.2977	0.267	G	8.191	0.00421	1.164
4	rs10520465	182305877	G	0.02116	0.02811	A	3.137	0.07654	0.7473
4	rs1454711	182348352	A	0.1909	0.1747	G	3.136	0.07658	1.115
4	rs9994253	182377394	A	0.4778	0.449	G	5.788	0.01614	1.123
4	rs4861929	182401509	A	0.0695	0.05832	G	3.836	0.05016	1.206
4	rs17198106	182633718	A	0.02219	0.03085	G	4.462	0.03466	0.7129
4	rs6855546	182697051	G	0.1237	0.1043	A	6.806	0.009083	1.212

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4	rs11944460	182707786	A	0.2283	0.2472	G	3.314	0.06867	0.9011
4	rs13103727	182710817	A	0.2466	0.2703	G	4.911	0.02669	0.8839
4	rs7689930	182858258	G	0.2428	0.2227	A	3.996	0.04561	1.119
4	rs17072506	183059916	G	0.0516	0.06387	A	4.431	0.0353	0.7974
4	rs4861497	183116926	A	0.1296	0.1452	C	3.401	0.06516	0.8768
4	rs7676827	183148133	G	0.1099	0.1231	A	2.813	0.09349	0.8795
4	rs17307191	183351008	G	0.1527	0.1733	A	5.167	0.02302	0.8597
4	rs13115107	183354914	G	0.3141	0.2896	A	5.006	0.02526	1.124
4	rs13109905	183551436	G	0.226	0.2497	A	5.238	0.0221	0.8769
4	rs11132133	183642500	G	0.1976	0.2195	A	4.852	0.02761	0.8758
4	rs13145928	183646130	A	0.09213	0.1113	G	6.504	0.01076	0.8102
4	rs925668	183683615	G	0.07637	0.08751	A	2.717	0.0993	0.8621
4	rs6812487	183697713	A	0.07143	0.09716	G	13.34	0.0002603	0.7148
4	rs7681966	183707371	A	0.3447	0.3233	G	3.601	0.05774	1.101
4	rs6841520	183790373	G	0.05624	0.06842	A	4.089	0.04317	0.8114
4	rs7670260	183900965	A	0.2152	0.2425	G	7.072	0.00783	0.8564
4	rs4862105	183979524	G	0.2301	0.2067	A	5.712	0.01685	1.147
4	rs11726093	184031343	A	0.4211	0.4012	C	2.834	0.09228	1.086
4	rs13124076	184783559	G	0.4572	0.4313	A	4.699	0.03018	1.11
4	rs4568278	184926411	G	0.1636	0.1494	A	2.707	0.09989	1.113
4	rs7688995	185036979	A	0.09236	0.117	G	10.36	0.001288	0.7678
4	rs13136254	185061878	G	0.07996	0.09235	A	3.187	0.07421	0.8541
4	rs1983503	185072754	A	0.3854	0.3566	G	6.231	0.01255	1.132
4	rs6818342	185078964	A	0.03818	0.04661	G	2.81	0.09366	0.812
4	rs13116389	185596410	A	0.2069	0.1839	C	6.035	0.01403	1.158
4	rs755535	185905369	A	0.3576	0.3773	G	2.867	0.09042	0.9186
4	rs7660927	185951950	A	0.1555	0.1757	G	4.898	0.02689	0.8639
4	rs13120078	185968436	A	0.3977	0.3694	G	5.903	0.01512	1.127
4	rs11132274	186228000	G	0.142	0.1273	A	3.327	0.06813	1.135
4	rs4241798	186637222	G	0.1218	0.1354	A	2.756	0.09687	0.8855
4	rs1046236	186744181	A	0.2598	0.2778	G	2.789	0.0949	0.9126
4	rs10028428	186936578	A	0.1054	0.1218	G	4.415	0.03562	0.8491
4	rs1391867	187021316	A	0.1806	0.1644	G	3.277	0.07026	1.12
4	rs1378149	187091023	G	0.3232	0.3024	A	3.499	0.06141	1.101
4	rs959622	187118564	A	0.4912	0.4647	C	4.815	0.02821	1.112
4	rs1715052	187275540	A	0.1286	0.1156	G	2.817	0.09326	1.129
4	rs1376534	187627855	A	0.2487	0.2676	C	3.127	0.07702	0.9062
4	rs6854525	187648614	G	0.1625	0.1824	A	4.605	0.03188	0.87
4	rs167853	187822946	G	0.06914	0.08265	A	4.223	0.03988	0.8244
4	rs6814129	188206323	A	0.4282	0.4479	G	2.711	0.09966	0.923
4	rs9992060	188917860	A	0.3782	0.359	G	2.776	0.0957	1.086
4	rs4863381	189371885	A	0.4215	0.3995	G	3.461	0.06282	1.095
4	rs4863189	189454590	G	0.2135	0.1918	A	5.217	0.02236	1.144
4	rs4863354	189759104	A	0.3543	0.3777	G	4.014	0.04511	0.9042
4	rs7656653	190276106	G	0.3611	0.3851	A	4.169	0.04117	0.9027
4	rs7690324	190281368	A	0.07231	0.05998	C	4.557	0.03279	1.222

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4	rs1993084	190664504	G	0.1675	0.1858	A	3.801	0.05123	0.8822
4	rs1112139	190953178	A	0.08729	0.09924	G	2.783	0.09525	0.8681
5	rs341260	143199	A	0.2743	0.2988	G	4.954	0.02603	0.8871
5	rs4076818	1187914	G	0.2183	0.1973	A	4.752	0.02926	1.136
5	rs2853668	1353025	A	0.2709	0.2528	C	2.977	0.08446	1.098
5	rs12516758	1443349	G	0.226	0.1999	A	7.245	0.007111	1.168
5	rs27072	1447522	A	0.157	0.1773	G	4.885	0.02708	0.8646
5	rs6869645	1457548	A	0.07843	0.05483	G	17.75	2.521e-05	1.467
5	rs2292023	1514389	A	0.146	0.1308	C	3.48	0.06212	1.136
5	rs2883369	1700831	A	0.3173	0.3471	G	6.788	0.009177	0.8743
5	rs11949447	1776445	A	0.3364	0.3175	G	2.845	0.09167	1.09
5	rs4074914	2073274	A	0.2669	0.288	G	3.735	0.05329	0.9002
5	rs4975838	2103483	G	0.2123	0.192	A	4.556	0.0328	1.135
5	rs7719723	2190758	C	0.4385	0.4188	A	2.737	0.09808	1.084
5	rs7378721	2194588	G	0.4654	0.4439	A	3.215	0.07295	1.091
5	rs6875273	2325248	G	0.4365	0.458	A	3.209	0.07323	0.9167
5	rs506844	2421076	A	0.03096	0.04112	G	4.633	0.03136	0.7451
5	rs6555116	2632350	A	0.4169	0.3945	G	3.617	0.0572	1.098
5	rs10054312	2727526	G	0.3023	0.3286	A	5.438	0.0197	0.8851
5	rs10067129	2748436	A	0.1544	0.138	G	3.895	0.04843	1.141
5	rs7728601	3117862	A	0.07379	0.06046	G	5.279	0.02158	1.238
5	rs314009	3151010	C	0.0612	0.07195	A	3.014	0.08255	0.8409
5	rs317000	3156070	A	0.3802	0.361	G	2.722	0.09896	1.086
5	rs160890	3187879	A	0.0594	0.05011	G	3.068	0.07983	1.197
5	rs6861203	3228819	G	0.1135	0.1369	A	8.1	0.004426	0.8074
5	rs1441533	3318846	A	0.345	0.3677	G	3.808	0.05101	0.906
5	rs1530263	3333880	A	0.1899	0.208	G	3.47	0.06249	0.8923
5	rs7721902	3349496	A	0.1493	0.1671	G	3.986	0.04589	0.8744
5	rs7703994	3392142	A	0.3533	0.3294	C	4.429	0.03532	1.112
5	rs251433	3433046	G	0.4183	0.4393	A	3.078	0.07937	0.9179
5	rs10512697	3611538	G	0.07696	0.06602	A	3.291	0.06968	1.18
5	rs13177139	3836643	A	0.3402	0.3177	G	4.012	0.04517	1.107
5	rs2860410	3893278	G	0.4276	0.4045	A	3.819	0.05068	1.1
5	rs3938039	4229833	A	0.3043	0.2853	C	3.041	0.08121	1.096
5	rs814790	5163692	A	0.3349	0.3131	G	3.795	0.05142	1.105
5	rs1366119	5435695	G	0.287	0.2675	A	3.304	0.06912	1.102
5	rs40516	5878953	G	0.3263	0.3076	A	2.791	0.09477	1.09
5	rs12655649	6044958	A	0.0389	0.051	G	5.33	0.02097	0.7531
5	rs17825723	6373673	G	0.08514	0.07238	A	4.108	0.04267	1.193
5	rs274700	6781995	G	0.1599	0.1374	A	7.184	0.007357	1.195
5	rs274685	6813020	G	0.4097	0.4394	A	6.195	0.01281	0.8854
5	rs1560172	7702473	G	0.1767	0.1585	A	4.233	0.03964	1.139
5	rs326205	7905282	G	0.5134	0.4883	A	4.355	0.0369	1.106
5	rs11134320	8629347	A	0.2761	0.3009	G	5.089	0.02407	0.8859
5	rs1501340	8648305	A	0.218	0.2407	G	4.885	0.02709	0.8795
5	rs6882860	8717747	G	0.06818	0.05197	A	8.9	0.002851	1.335

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5	rs3777303	9333338	G	0.4247	0.4446	A	2.769	0.09609	0.9222
5	rs10475467	9468717	A	0.266	0.2887	G	4.314	0.0378	0.8932
5	rs436243	9506089	C	0.08264	0.09758	A	4.434	0.03522	0.8331
5	rs268542	9509166	C	0.4933	0.4691	A	4.04	0.04444	1.102
5	rs3798064	9572978	G	0.07946	0.09119	A	2.898	0.08868	0.8603
5	rs41496	9645694	A	0.1791	0.1641	G	2.803	0.09407	1.111
5	rs6897599	9660318	A	0.1115	0.09566	C	4.895	0.02693	1.186
5	rs118583	9768924	C	0.3014	0.2814	A	3.391	0.06554	1.102
5	rs4702641	9769840	G	0.08799	0.1044	A	5.039	0.02479	0.8276
5	rs194060	9770016	C	0.2674	0.2855	A	2.779	0.09553	0.9134
5	rs10070717	9887220	A	0.1151	0.09887	G	4.994	0.02543	1.185
5	rs13164733	9946560	A	0.4499	0.4838	C	7.943	0.004828	0.8726
5	rs17354739	9974374	A	0.04799	0.05973	G	4.32	0.03767	0.7936
5	rs6875901	10040380	A	0.1641	0.1833	G	4.3	0.03812	0.8745
5	rs868414	10162655	C	0.02893	0.03955	A	5.273	0.02165	0.7233
5	rs7732984	10550207	G	0.3545	0.3772	A	3.793	0.05148	0.9068
5	rs814584	10586767	A	0.0872	0.1003	G	3.318	0.06852	0.857
5	rs13185308	10647061	A	0.3364	0.3597	G	4.065	0.04378	0.9026
5	rs12187105	10659319	G	0.1256	0.1067	A	6.367	0.01163	1.203
5	rs3776421	10763247	A	0.05986	0.07453	G	5.493	0.01909	0.7906
5	rs12332143	10812514	A	0.3075	0.327	G	2.967	0.085	0.9142
5	rs2905986	11164713	G	0.308	0.3274	A	2.949	0.08595	0.9145
5	rs13188937	11225241	A	0.03973	0.04814	C	2.713	0.09952	0.8181
5	rs13155944	11225938	A	0.3051	0.2808	G	4.998	0.02538	1.124
5	rs154753	11445036	G	0.4303	0.453	A	3.602	0.05771	0.9119
5	rs7728281	11469941	G	0.0356	0.04631	A	4.585	0.03225	0.7603
5	rs10462668	11514920	G	0.2518	0.2347	A	2.801	0.09422	1.098
5	rs17218080	11560879	A	0.04025	0.0516	G	4.652	0.03101	0.7707
5	rs31791	11586796	G	0.02941	0.0227	A	3.395	0.06541	1.305
5	rs11744397	13584164	C	0.0805	0.06879	A	3.626	0.05688	1.185
5	rs2277046	13770471	G	0.09082	0.07834	A	3.657	0.05582	1.175
5	rs339955	14102234	A	0.05779	0.04854	G	3.133	0.07672	1.202
5	rs32811	14570076	G	0.1131	0.1264	A	2.767	0.0962	0.8818
5	rs1447276	15417484	A	0.213	0.2317	G	3.409	0.06484	0.8973
5	rs581957	15601576	G	0.1006	0.08197	A	7.801	0.005222	1.253
5	rs237065	16235788	G	0.2826	0.304	A	3.722	0.0537	0.9021
5	rs16868296	16310125	A	0.08368	0.09666	G	3.369	0.06642	0.8535
5	rs17649734	16432078	A	0.1102	0.1307	G	6.415	0.01132	0.8243
5	rs12187814	16463418	A	0.03306	0.04171	G	3.303	0.06914	0.7854
5	rs4702146	16540697	G	0.4587	0.4296	A	5.964	0.0146	1.125
5	rs297169	17204705	A	0.03767	0.05004	G	5.706	0.0169	0.743
5	rs6864067	17812626	G	0.03981	0.05469	A	7.587	0.00588	0.7167
5	rs9292873	17841640	A	0.1945	0.2222	G	7.708	0.005497	0.8455
5	rs691360	18110132	G	0.06712	0.05625	A	3.736	0.05324	1.207
5	rs3849678	18239376	C	0.06295	0.08228	A	8.744	0.003106	0.7493
5	rs6452273	18429569	G	0.1152	0.1303	A	3.51	0.061	0.869

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5	rs9292384	18875429	A	0.08437	0.09808	G	3.707	0.05419	0.8473
5	rs12521214	19498729	A	0.01703	0.02327	G	3.048	0.08081	0.727
5	rs2063229	20329829	C	0.06914	0.05777	A	4.015	0.0451	1.211
5	rs4701222	21636380	G	0.3506	0.3304	A	3.155	0.07569	1.094
5	rs2443768	21737594	C	0.1094	0.1235	A	3.21	0.0732	0.8717
5	rs1074463	22671126	A	0.1171	0.1317	G	3.255	0.07122	0.8743
5	rs16897695	22687894	A	0.06347	0.07643	G	4.181	0.04088	0.8189
5	rs268971	22691898	A	0.5248	0.485	C	10.93	0.0009441	1.173
5	rs2119887	22791231	A	0.1285	0.1451	C	3.887	0.04865	0.8685
5	rs10038745	23175730	A	0.01548	0.02156	G	3.115	0.07757	0.7137
5	rs13186268	24269407	A	0.1064	0.1215	G	3.74	0.05314	0.8607
5	rs972303	24391312	G	0.264	0.2463	A	2.891	0.0891	1.098
5	rs1428365	24518232	G	0.09649	0.08532	A	2.724	0.09882	1.145
5	rs10055390	24895447	A	0.2531	0.2738	G	3.744	0.05301	0.8987
5	rs2086141	25481626	C	0.4269	0.4062	A	3.024	0.08203	1.089
5	rs16894485	25507338	A	0.06818	0.08006	G	3.351	0.06715	0.8408
5	rs11952604	25608966	G	0.4067	0.4264	A	2.711	0.09963	0.9224
5	rs969400	25806028	A	0.1135	0.1308	G	4.607	0.03185	0.8507
5	rs1411586	26228854	G	0.425	0.4052	A	2.805	0.09398	1.085
5	rs10520936	27619491	G	0.03667	0.02729	A	5.516	0.01885	1.357
5	rs4585457	27735627	A	0.1649	0.1475	G	4.132	0.04208	1.142
5	rs6889876	27840362	G	0.3989	0.423	A	4.123	0.04231	0.9051
5	rs7733130	28148610	G	0.04696	0.03668	A	5.002	0.02531	1.294
5	rs3924368	29304000	G	0.078	0.06398	A	5.532	0.01867	1.238
5	rs629225	29543253	G	0.2224	0.2478	A	6.017	0.01417	0.8682
5	rs10520979	30807051	G	0.1091	0.09721	A	2.741	0.09783	1.137
5	rs13174447	31056402	G	0.04592	0.06136	A	7.33	0.00678	0.7363
5	rs12188662	31381016	G	0.05269	0.06268	A	2.976	0.08452	0.8318
5	rs6885718	31693412	G	0.08471	0.07403	A	2.829	0.09256	1.158
5	rs426576	31712887	A	0.3688	0.3368	C	7.858	0.005059	1.15
5	rs4867081	31785131	A	0.1907	0.207	C	2.825	0.09283	0.9023
5	rs493276	31788892	A	0.3206	0.3011	G	3.101	0.07823	1.095
5	rs4867392	31929111	A	0.2149	0.1966	G	3.637	0.0565	1.119
5	rs10472795	31929622	A	0.4513	0.4772	G	4.618	0.03164	0.9011
5	rs4340934	31956430	A	0.2203	0.1976	G	5.553	0.01845	1.147
5	rs2135059	31969659	G	0.1674	0.1502	A	3.926	0.04753	1.137
5	rs4867100	32043470	A	0.05573	0.06722	G	3.7	0.05441	0.8189
5	rs161541	32169220	A	0.04921	0.03953	C	4.103	0.0428	1.258
5	rs10520997	32546708	A	0.2179	0.2006	G	3.207	0.0733	1.111
5	rs6860505	32683214	A	0.3723	0.4017	G	6.208	0.01272	0.8834
5	rs696831	32761288	A	0.3121	0.2922	G	3.287	0.06983	1.099
5	rs745798	32887794	C	0.1119	0.1255	A	2.903	0.08842	0.8784
5	rs166274	33514331	A	0.1989	0.2199	G	4.474	0.03442	0.8807
5	rs10063810	33535194	A	0.4116	0.3899	G	3.399	0.06522	1.095
5	rs10521004	33565020	G	0.1275	0.114	A	3.049	0.08078	1.135
5	rs13158954	33602410	A	0.418	0.3979	C	2.88	0.08968	1.086

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5	rs256651	33614227	A	0.09307	0.1123	G	6.471	0.01097	0.8115
5	rs4538612	33628213	G	0.4386	0.4676	A	5.821	0.01583	0.8896
5	rs4078398	33652068	A	0.3922	0.4156	G	3.899	0.04831	0.9073
5	rs35391	33991430	A	0.02167	0.02931	G	3.643	0.05631	0.7335
5	rs3756464	34005451	A	0.3822	0.4071	G	4.44	0.0351	0.901
5	rs256314	34652979	A	0.03106	0.02177	C	6.655	0.009888	1.44
5	rs256287	34708056	A	0.2663	0.2873	G	3.749	0.05285	0.9002
5	rs256295	34712248	A	0.1713	0.1551	C	3.41	0.0648	1.126
5	rs7702104	34726878	A	0.2198	0.2387	G	3.41	0.06479	0.8985
5	rs6897719	34831738	A	0.1472	0.1618	G	2.739	0.0979	0.894
5	rs10472945	34929989	A	0.03199	0.04001	G	2.949	0.08595	0.793
5	rs40443	35082554	A	0.3211	0.2986	G	4.146	0.04172	1.111
5	rs7720677	35275958	A	0.2234	0.1987	G	6.543	0.01053	1.16
5	rs2201410	35834361	A	0.3563	0.3347	G	3.564	0.05904	1.1
5	rs6897339	35961039	A	0.06605	0.0769	G	2.903	0.08841	0.8489
5	rs4242264	36451181	A	0.02477	0.03212	G	3.072	0.07965	0.7654
5	rs2455258	36556335	G	0.07998	0.09526	A	4.747	0.02935	0.8257
5	rs2731897	36573126	A	0.1013	0.08879	G	3.307	0.06898	1.157
5	rs7730712	36629538	C	0.04668	0.05626	A	3.023	0.08211	0.8213
5	rs13168598	36688166	A	0.4001	0.3779	C	3.606	0.05759	1.098
5	rs16903252	36698118	G	0.0625	0.07473	A	3.789	0.05158	0.8255
5	rs930072	36701828	G	0.1115	0.1273	A	3.948	0.04694	0.8599
5	rs42914	36771041	A	0.09679	0.1122	C	4.138	0.04194	0.8482
5	rs2471055	38136611	A	0.05728	0.04544	G	5.427	0.01983	1.276
5	rs17335946	38216198	A	0.08617	0.07339	G	4.071	0.04363	1.191
5	rs16903908	38297590	G	0.04442	0.05659	A	4.893	0.02697	0.7749
5	rs7448255	38415217	G	0.1436	0.1213	A	7.906	0.004928	1.215
5	rs6897179	38460867	A	0.01754	0.02424	C	3.367	0.0665	0.7189
5	rs11744747	38829454	A	0.3142	0.3331	G	2.783	0.09525	0.9173
5	rs6884342	39419278	A	0.05418	0.04179	C	6.415	0.01132	1.313
5	rs11951152	39569940	G	0.1099	0.09712	A	3.173	0.07487	1.148
5	rs353365	40264370	A	0.1143	0.1303	G	3.963	0.04652	0.8609
5	rs3805486	40831802	G	0.1291	0.1432	A	2.796	0.0945	0.8874
5	rs10473238	41231987	A	0.08075	0.09553	G	4.423	0.03547	0.8316
5	rs768763	41329127	G	0.1992	0.1812	A	3.74	0.05311	1.124
5	rs320614	41338572	G	0.3418	0.3644	A	3.823	0.05057	0.9056
5	rs13179463	41382759	G	0.08101	0.0956	A	4.311	0.03787	0.834
5	rs13169647	41468881	A	0.06244	0.05299	G	3.009	0.08281	1.19
5	rs6451736	44040117	G	0.03271	0.04381	A	5.186	0.02277	0.738
5	rs5004228	44667765	G	0.04283	0.05367	A	4.078	0.04344	0.789
5	rs17820197	50426986	A	0.1236	0.1034	G	7.449	0.006346	1.223
5	rs4618396	51293093	A	0.1037	0.1216	G	5.265	0.02176	0.8355
5	rs2456207	52168944	G	0.2869	0.3057	A	2.882	0.08959	0.9138
5	rs1351140	52211483	G	0.09443	0.08299	A	2.923	0.08733	1.152
5	rs4865749	52211656	A	0.2175	0.1992	G	3.57	0.05883	1.117
5	rs12515434	52433343	A	0.1127	0.09896	G	3.61	0.05745	1.157

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5	rs392714	53418460	G	0.2901	0.2676	A	4.405	0.03583	1.118
5	rs26771	53555481	G	0.4447	0.4723	A	5.264	0.02177	0.8948
5	rs33283	53557084	A	0.1099	0.129	G	5.654	0.01741	0.834
5	rs11744603	53647487	A	0.06708	0.05638	G	3.639	0.05644	1.203
5	rs4533844	53771056	A	0.293	0.316	G	4.261	0.039	0.8967
5	rs10461413	53941860	A	0.09077	0.07961	G	2.876	0.08991	1.154
5	rs2409101	53970061	G	0.1677	0.1508	A	3.773	0.05208	1.134
5	rs11957164	54022304	G	0.0903	0.1025	A	2.823	0.09293	0.8692
5	rs10513050	54066481	G	0.09938	0.1164	A	4.874	0.02726	0.8379
5	rs11749532	55038022	A	0.3475	0.3207	G	5.641	0.01755	1.128
5	rs17645980	55460497	A	0.2061	0.2236	G	3.052	0.08065	0.9015
5	rs10214316	55479797	G	0.3051	0.2742	A	8.197	0.004196	1.162
5	rs12515884	55480397	G	0.3648	0.3949	A	6.541	0.01054	0.8801
5	rs10513081	55790688	A	0.08824	0.07612	G	3.547	0.05966	1.175
5	rs1910024	55964470	A	0.2982	0.2782	G	3.42	0.0644	1.102
5	rs11955048	56072739	G	0.0625	0.04992	A	5.606	0.0179	1.269
5	rs10940565	56923676	A	0.3351	0.3132	C	3.812	0.05089	1.105
5	rs10514853	57883650	A	0.4493	0.4266	G	3.606	0.05759	1.096
5	rs28044	58624026	G	0.2425	0.2173	A	6.372	0.01159	1.153
5	rs13165581	58751590	A	0.04855	0.06346	G	6.605	0.01017	0.7531
5	rs2607347	58757366	G	0.4185	0.4483	A	6.223	0.01261	0.8855
5	rs6896121	58850275	A	0.07624	0.06611	G	2.813	0.09352	1.166
5	rs1445978	60890827	A	0.3542	0.3741	G	2.926	0.08718	0.9175
5	rs1157898	61227151	A	0.1708	0.1562	G	2.765	0.09636	1.113
5	rs247230	61786424	G	0.04545	0.06075	A	7.256	0.007068	0.7362
5	rs16890857	61930880	G	0.06995	0.08103	A	2.875	0.08995	0.8529
5	rs3107558	62205525	A	0.2173	0.1989	C	3.623	0.05697	1.118
5	rs10075397	63134392	G	0.5015	0.472	A	6.059	0.01383	1.126
5	rs1580312	63228803	A	0.4115	0.3826	G	6.061	0.01382	1.128
5	rs13157802	63873027	A	0.05057	0.06176	G	3.801	0.05122	0.8091
5	rs784463	65207263	G	0.1244	0.1395	A	3.319	0.06846	0.8762
5	rs29460	65570159	G	0.2215	0.2479	A	6.468	0.01099	0.8634
5	rs7700366	65608141	A	0.02116	0.03091	G	5.673	0.01723	0.6776
5	rs17251088	65634485	G	0.1409	0.1132	A	12.87	0.0003342	1.285
5	rs4616844	65907809	G	0.0872	0.1066	A	6.931	0.008472	0.8008
5	rs40206	66312754	A	0.2731	0.2544	G	3.142	0.07631	1.101
5	rs12188585	66357483	G	0.07172	0.06093	A	3.448	0.06334	1.191
5	rs462483	66384078	G	0.1289	0.1431	A	2.835	0.09221	0.8862
5	rs6887604	66562312	A	0.01917	0.02856	G	5.658	0.01737	0.6649
5	rs13357663	66834424	G	0.2682	0.2873	A	3.075	0.07952	0.909
5	rs718291	67387836	G	0.09039	0.0774	A	4.005	0.04536	1.184
5	rs6876003	67607169	G	0.4221	0.4006	A	3.311	0.06882	1.093
5	rs2607378	68015556	A	0.02686	0.03863	C	6.645	0.009943	0.6868
5	rs10070379	68022050	G	0.1906	0.1736	A	3.433	0.06389	1.121
5	rs3922937	68333747	C	0.1853	0.2045	A	3.886	0.04869	0.8849
5	rs12522805	68432336	A	0.2833	0.2559	G	6.749	0.009382	1.149

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5	rs2242372	70984410	G	0.1465	0.1324	A	2.978	0.08439	1.125
5	rs281126	71011623	A	0.1171	0.1023	C	4.067	0.04373	1.164
5	rs10055619	71510030	A	0.1125	0.1275	G	3.526	0.06041	0.8675
5	rs13179315	72448217	C	0.03818	0.03043	A	3.418	0.06447	1.265
5	rs9293528	72492023	G	0.1437	0.1284	A	3.605	0.05761	1.14
5	rs7727448	72605701	G	0.4571	0.4286	A	5.637	0.01758	1.123
5	rs4235676	72614799	A	0.2681	0.2465	G	4.28	0.03857	1.119
5	rs6453008	72851543	C	0.4891	0.4683	A	3.01	0.08275	1.087
5	rs17664695	73066698	G	0.05083	0.04009	A	4.996	0.0254	1.282
5	rs11960055	73108956	A	0.05527	0.06755	G	4.205	0.04031	0.8076
5	rs2931425	73238236	A	0.4438	0.4656	G	3.298	0.06936	0.9158
5	rs17666430	73331083	C	0.07018	0.08311	A	3.848	0.0498	0.8326
5	rs187637	73345060	G	0.4603	0.4301	A	6.415	0.01132	1.13
5	rs167111	73542948	A	0.4293	0.3989	G	6.649	0.009919	1.134
5	rs680500	73547443	G	0.2487	0.2683	A	3.384	0.06583	0.9029
5	rs292213	73579347	A	0.2833	0.263	G	3.638	0.05648	1.108
5	rs300259	73959815	A	0.03719	0.04555	G	2.827	0.09271	0.8093
5	rs6864196	73980200	G	0.1388	0.1246	A	3.141	0.07634	1.132
5	rs820846	74001266	A	0.4261	0.3987	G	5.393	0.02022	1.12
5	rs7707671	74323498	G	0.2893	0.3208	A	7.929	0.004865	0.8616
5	rs16872698	74983191	C	0.0387	0.0283	A	6.535	0.01058	1.382
5	rs6895132	75274886	C	0.2296	0.2033	A	7.275	0.006993	1.168
5	rs187727	75439941	A	0.281	0.2628	G	2.926	0.08716	1.096
5	rs17566351	75539999	A	0.1744	0.1941	G	4.314	0.03781	0.8771
5	rs4703700	75544306	A	0.3171	0.2832	G	9.706	0.001836	1.176
5	rs11748035	75687542	G	0.07394	0.09202	A	6.874	0.008744	0.7878
5	rs7711417	75822160	A	0.4164	0.4397	G	3.81	0.05095	0.9092
5	rs3756514	75907035	A	0.02425	0.03117	C	2.804	0.09405	0.7724
5	rs2069698	75952643	A	0.03148	0.04388	G	6.518	0.01068	0.7082
5	rs10942804	76267803	G	0.08204	0.09408	A	2.959	0.08539	0.8605
5	rs2545	76396572	A	0.1194	0.09995	G	7.137	0.007552	1.221
5	rs1001960	76406875	A	0.1202	0.1344	G	2.994	0.08359	0.8804
5	rs11746588	76969262	A	0.2054	0.1886	C	3.141	0.07636	1.112
5	rs13170774	77153515	A	0.4679	0.4435	G	4.136	0.04197	1.103
5	rs16874849	77237118	A	0.1507	0.1339	G	4.127	0.0422	1.147
5	rs2885240	77237767	A	0.1094	0.1245	G	3.664	0.05559	0.8636
5	rs10942835	77258559	G	0.5103	0.4905	A	2.706	0.09995	1.082
5	rs4704464	77258895	G	0.1063	0.1239	A	5.012	0.02517	0.8407
5	rs745981	78052616	C	0.2234	0.2414	A	3.066	0.07996	0.9041
5	rs6888024	78307038	G	0.1913	0.2125	A	4.666	0.03077	0.8766
5	rs16876942	78896548	G	0.08781	0.07662	A	3.004	0.08306	1.16
5	rs1129770	79122639	A	0.1692	0.1892	G	4.519	0.03353	0.873
5	rs10043986	79131173	A	0.1338	0.1204	G	2.871	0.0902	1.128
5	rs421837	79437173	A	0.2748	0.2542	G	3.823	0.05056	1.112
5	rs13328157	79453334	G	0.05977	0.04746	A	5.6	0.01796	1.276
5	rs4704618	79473085	G	0.4473	0.421	A	4.876	0.02723	1.113

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5	rs2279772	79571190	A	0.125	0.112	G	2.906	0.08824	1.133
5	rs10062770	79701391	G	0.4488	0.469	A	2.829	0.09256	0.9218
5	rs171598	79856480	A	0.2265	0.2087	G	3.3	0.06928	1.111
5	rs6151630	80001934	A	0.0439	0.05457	G	3.876	0.04897	0.7956
5	rs7700440	80243489	A	0.1167	0.1311	G	3.153	0.0758	0.876
5	rs7708505	80259893	A	0.2872	0.267	C	3.579	0.05851	1.106
5	rs10514228	80960230	C	0.03616	0.02499	A	8.411	0.003731	1.464
5	rs2135	81127156	A	0.3111	0.3371	G	5.234	0.02215	0.8881
5	rs13183503	81551641	A	0.02944	0.03841	G	3.846	0.04986	0.7595
5	rs10491245	81750669	G	0.07637	0.09437	A	6.665	0.00983	0.7935
5	rs4703905	81973773	A	0.3339	0.3133	C	3.362	0.06671	1.099
5	rs11749713	81994409	G	0.03973	0.05055	A	4.305	0.03799	0.7771
5	rs2055438	81998544	A	0.2453	0.2697	G	5.202	0.02256	0.8804
5	rs17283946	82024689	G	0.4086	0.4314	A	3.672	0.05535	0.9105
5	rs4703915	82059782	A	0.1037	0.1179	G	3.388	0.06569	0.8656
5	rs7713051	82098478	A	0.1356	0.1166	G	5.913	0.01503	1.188
5	rs10073948	82170376	A	0.4421	0.4218	G	2.914	0.08781	1.086
5	rs256811	82295777	G	0.01929	0.0297	A	6.673	0.009786	0.6426
5	rs1872066	82578145	A	0.03413	0.04393	C	4.034	0.04458	0.7689
5	rs2591454	82753420	G	0.1369	0.1234	A	2.876	0.08992	1.127
5	rs1867667	82814769	G	0.2879	0.262	A	5.977	0.01449	1.139
5	rs17284566	82961653	A	0.0516	0.06551	G	5.577	0.0182	0.7761
5	rs17629239	83369744	G	0.2095	0.1931	A	2.951	0.08583	1.107
5	rs1428926	83376292	A	0.3173	0.2969	G	3.422	0.06434	1.101
5	rs2301092	83398868	A	0.06715	0.05643	G	3.645	0.05623	1.204
5	rs7735534	84102589	G	0.144	0.1634	A	4.8	0.02845	0.8613
5	rs16901251	84173817	C	0.1349	0.1214	A	2.864	0.09057	1.128
5	rs10075449	85049027	A	0.3895	0.4115	G	3.478	0.06219	0.9121
5	rs841130	87097597	G	0.4071	0.4344	A	5.251	0.02194	0.8939
5	rs1423634	87131861	G	0.2751	0.2974	A	4.102	0.04284	0.8967
5	rs302483	88179847	G	0.04231	0.03447	A	3.112	0.07773	1.238
5	rs187571	88635580	A	0.05114	0.0418	G	3.662	0.05568	1.235
5	rs4443451	89041320	A	0.1476	0.1685	G	5.383	0.02033	0.8547
5	rs10514321	89503580	G	0.03842	0.04738	A	3.112	0.07773	0.8034
5	rs7716005	91111597	G	0.3756	0.4003	A	4.366	0.03667	0.9015
5	rs972727	92038194	G	0.1538	0.138	A	3.549	0.05959	1.135
5	rs318105	92970912	A	0.1548	0.1709	G	3.197	0.07378	0.8883
5	rs6556840	93489658	A	0.3451	0.3239	G	3.511	0.06096	1.1
5	rs2069297	93609173	G	0.3091	0.3288	A	3.021	0.08222	0.9134
5	rs7378850	93717210	A	0.3582	0.3179	G	12.79	0.0003479	1.198
5	rs10079443	94332512	G	0.1192	0.1376	A	4.966	0.02584	0.8484
5	rs6896478	94563767	A	0.1713	0.1516	G	5.154	0.0232	1.157
5	rs10476631	94637010	G	0.2578	0.2401	A	2.924	0.08728	1.099
5	rs3797204	94785322	G	0.1668	0.1915	A	6.861	0.008809	0.8453
5	rs17084933	94968536	G	0.04498	0.05501	A	3.395	0.06541	0.8091
5	rs153914	95060674	A	0.07335	0.06342	G	2.813	0.09348	1.169

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5	rs4869281	95677109	G	0.06192	0.07434	A	3.937	0.04723	0.8218
5	rs10515237	95777305	G	0.2996	0.2795	A	3.454	0.06312	1.103
5	rs2350291	95847288	G	0.1668	0.1489	A	4.317	0.03772	1.144
5	rs897746	95947285	A	0.05274	0.06385	G	3.621	0.05705	0.8163
5	rs10515241	95988347	A	0.3133	0.2902	G	4.465	0.03459	1.116
5	rs7714122	96280773	G	0.06508	0.07586	A	2.895	0.08884	0.8481
5	rs316198	96507369	G	0.237	0.2071	A	9.225	0.002388	1.189
5	rs2544771	96538439	A	0.2975	0.3282	G	7.399	0.006527	0.8669
5	rs10067623	96882605	G	0.3276	0.3491	A	3.493	0.06162	0.9086
5	rs10476736	97523185	G	0.08669	0.07489	A	3.411	0.06478	1.172
5	rs9314227	97581046	C	0.1622	0.1861	A	6.571	0.01037	0.8467
5	rs9327283	100089854	G	0.09194	0.104	A	2.735	0.09819	0.872
5	rs1549273	101576599	A	0.1543	0.1365	C	4.59	0.03215	1.154
5	rs1363786	102253095	A	0.05882	0.07225	G	4.727	0.0297	0.8026
5	rs861085	102946704	A	0.2608	0.2787	G	2.757	0.09685	0.9131
5	rs17155526	102953567	A	0.08842	0.07263	C	6.238	0.0125	1.238
5	rs9327925	104538869	A	0.2306	0.2521	G	4.245	0.03936	0.8892
5	rs4957661	105922009	A	0.3961	0.4255	G	6.12	0.01337	0.8854
5	rs12658416	106221220	C	0.3109	0.2803	A	7.872	0.005021	1.158
5	rs152558	106875561	A	0.469	0.4903	G	3.111	0.07775	0.9184
5	rs17534319	106882151	G	0.0743	0.06448	A	2.718	0.0992	1.165
5	rs770166	107155126	G	0.09907	0.114	A	3.863	0.04937	0.8545
5	rs6889461	107849127	A	0.177	0.159	G	4.149	0.04167	1.138
5	rs10074335	107970352	G	0.0718	0.08354	A	3.145	0.07615	0.8486
5	rs6877265	108662027	C	0.3488	0.3727	A	4.232	0.03967	0.9015
5	rs10515408	109418786	G	0.08772	0.07657	A	2.989	0.08383	1.16
5	rs4505994	109631231	A	0.09907	0.08343	G	5.42	0.01991	1.208
5	rs1545169	110427275	C	0.0547	0.04481	A	3.844	0.04993	1.233
5	rs17133209	110744763	G	0.04747	0.03797	A	4.157	0.04146	1.263
5	rs3733995	110846320	A	0.1718	0.1919	G	4.504	0.03381	0.8739
5	rs1948671	111149308	G	0.4679	0.4903	A	3.456	0.06303	0.9142
5	rs26566	111471653	G	0.196	0.2191	A	5.444	0.01963	0.8685
5	rs17134331	111669696	A	0.08936	0.07501	G	5.019	0.02507	1.21
5	rs9326856	111846988	G	0.2218	0.2015	A	4.367	0.03664	1.129
5	rs1422541	111910352	G	0.5021	0.4821	A	2.75	0.09728	1.083
5	rs7378714	111921446	C	0.1885	0.2103	A	4.952	0.02606	0.8725
5	rs1005746	112547370	A	0.1202	0.1075	G	2.887	0.0893	1.135
5	rs10058740	113036049	A	0.1051	0.1195	G	3.435	0.06383	0.8652
5	rs2170528	113145925	A	0.4255	0.4483	G	3.611	0.05741	0.9116
5	rs10477505	113165783	C	0.1214	0.1066	A	3.91	0.04799	1.158
5	rs7734201	113206989	A	0.2188	0.1938	C	6.844	0.008892	1.165
5	rs4705607	113303274	G	0.1167	0.1307	A	3.004	0.08304	0.8787
5	rs2632151	113421680	A	0.4236	0.4023	G	3.25	0.07142	1.092
5	rs3101065	113647695	C	0.0743	0.06433	A	2.807	0.09385	1.167
5	rs4440352	114248155	G	0.06863	0.0578	A	3.642	0.05633	1.201
5	rs13182382	114435560	G	0.1911	0.1687	A	6.116	0.01339	1.164

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5	rs2241974	114540383	G	0.3142	0.2947	A	3.143	0.07625	1.096
5	rs265413	114558599	G	0.4746	0.4506	A	4.02	0.04497	1.102
5	rs17470150	114770922	A	0.08514	0.09824	G	3.389	0.06562	0.8542
5	rs11241350	115398210	G	0.03457	0.02656	A	4.152	0.04157	1.313
5	rs1014643	115858368	G	0.1992	0.2194	A	4.17	0.04116	0.8847
5	rs10463685	115994155	C	0.1849	0.1653	A	4.765	0.02905	1.146
5	rs2112342	116261135	A	0.3776	0.3574	G	3.033	0.08157	1.091
5	rs17142077	116943779	A	0.09462	0.1152	C	7.254	0.007073	0.803
5	rs7446054	117768444	G	0.0636	0.04597	A	11.73	0.0006156	1.409
5	rs10056223	117798762	A	0.1668	0.1509	G	3.39	0.06561	1.127
5	rs12719243	117823223	A	0.3208	0.3466	G	5.113	0.02375	0.8901
5	rs17144213	117929776	A	0.06708	0.07785	G	2.826	0.09273	0.8517
5	rs1429734	117995548	A	0.1094	0.1272	G	4.991	0.02547	0.8428
5	rs7737088	118060144	G	0.1512	0.1701	A	4.397	0.03601	0.8693
5	rs1363223	118642299	G	0.06101	0.04885	A	5.342	0.02082	1.265
5	rs1035376	118676149	G	0.1075	0.1231	A	3.9	0.04829	0.8585
5	rs17450512	118703942	A	0.05934	0.06945	G	2.769	0.09611	0.8453
5	rs17146714	119875487	A	0.01449	0.02169	G	4.36	0.03679	0.6631
5	rs12522426	120235051	A	0.1326	0.1144	G	5.578	0.01818	1.184
5	rs769365	121115515	A	0.1502	0.1658	G	3.086	0.07897	0.8888
5	rs6887649	121206414	G	0.04348	0.05804	A	6.849	0.008867	0.7377
5	rs2116427	121210895	A	0.2348	0.2525	G	2.89	0.08916	0.9082
5	rs1560550	121217395	G	0.4928	0.4715	A	3.131	0.07682	1.089
5	rs3776184	122317283	A	0.04799	0.03932	G	3.351	0.06714	1.232
5	rs1644148	122652799	G	0.172	0.1487	A	7.246	0.007105	1.189
5	rs10519724	122740462	A	0.02116	0.029	G	3.879	0.04889	0.7238
5	rs166279	123648314	G	0.07039	0.08246	A	3.362	0.06672	0.8425
5	rs6873640	123937399	A	0.4006	0.4253	G	4.289	0.03836	0.9033
5	rs7721111	124014215	G	0.07792	0.06633	A	3.673	0.05531	1.189
5	rs6871984	124523043	A	0.1271	0.1142	G	2.788	0.09496	1.129
5	rs1371370	124654291	G	0.516	0.4936	A	3.449	0.06328	1.094
5	rs10036862	124693163	A	0.03212	0.02335	G	5.585	0.01811	1.388
5	rs12109341	125003511	A	0.05114	0.06273	G	4.017	0.04505	0.8052
5	rs2408518	125166817	G	0.1523	0.1339	A	4.998	0.02537	1.163
5	rs10042047	125338510	C	0.07335	0.06318	A	2.959	0.08538	1.174
5	rs12659015	125355900	A	0.1235	0.1394	G	3.704	0.05428	0.8693
5	rs12518031	125482446	G	0.07069	0.08945	A	7.613	0.005794	0.7743
5	rs4836256	125788287	A	0.1868	0.2052	G	3.622	0.05701	0.8895
5	rs11744511	125807079	C	0.334	0.3091	A	4.983	0.0256	1.121
5	rs7736235	125816092	G	0.3106	0.3312	A	3.305	0.06908	0.9099
5	rs1552240	125889925	G	0.2291	0.2482	A	3.376	0.06614	0.9004
5	rs17533927	126211385	G	0.1161	0.1031	A	3.116	0.07754	1.143
5	rs1428494	126829093	A	0.06863	0.07992	G	3.035	0.0815	0.8483
5	rs7718640	126849941	A	0.1429	0.1251	G	4.943	0.0262	1.166
5	rs6896462	128081849	G	0.2063	0.1906	A	2.718	0.09921	1.103
5	rs1181984	128357905	G	0.0614	0.05126	A	3.578	0.05857	1.211

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5	rs17618074	128532463	A	0.376	0.3536	C	3.769	0.05222	1.101
5	rs10079678	129534547	C	0.08738	0.07546	A	3.453	0.06315	1.173
5	rs736324	132586653	C	0.1663	0.1505	A	3.361	0.06675	1.127
5	rs2278232	132676230	G	0.06656	0.05717	A	2.78	0.09547	1.176
5	rs11750078	132692272	G	0.07172	0.06179	A	2.888	0.08926	1.173
5	rs25736	132763121	G	0.5108	0.4877	A	3.71	0.05409	1.097
5	rs17685465	132767225	C	0.2492	0.2734	A	5.094	0.02401	0.8821
5	rs6596138	133047051	A	0.02786	0.02098	G	3.84	0.05005	1.337
5	rs2867330	133082840	A	0.4637	0.4432	G	2.91	0.08802	1.086
5	rs17700949	133102377	G	0.3518	0.3303	A	3.56	0.05919	1.1
5	rs17167104	133209460	A	0.02792	0.02152	G	3.244	0.07169	1.306
5	rs6874189	133274100	G	0.4368	0.4598	A	3.682	0.055	0.911
5	rs258522	133845146	A	0.1477	0.1645	C	3.579	0.0585	0.8801
5	rs13436118	134433060	A	0.0439	0.03321	G	5.938	0.01482	1.337
5	rs10044699	134599049	C	0.06877	0.05901	A	2.904	0.08834	1.178
5	rs6891343	134627682	A	0.3484	0.3148	G	8.93	0.002806	1.164
5	rs2603021	134642914	G	0.4598	0.438	A	3.298	0.06938	1.092
5	rs2652093	134643757	G	0.2281	0.2102	A	3.286	0.06987	1.11
5	rs3756366	134724667	C	0.08264	0.07125	A	3.33	0.06802	1.174
5	rs2344484	134904530	G	0.3395	0.3616	A	3.645	0.05623	0.9077
5	rs30746	135366157	A	0.4365	0.4119	G	4.303	0.03804	1.106
5	rs13188072	136248771	G	0.1228	0.1096	A	3.066	0.07994	1.138
5	rs17171825	137821115	A	0.1069	0.1248	G	5.118	0.02368	0.8395
5	rs7732337	137959713	A	0.04386	0.03613	C	2.897	0.08877	1.224
5	rs4835696	138000483	A	0.3787	0.3564	G	3.728	0.0535	1.101
5	rs1651031	138015338	G	0.3911	0.3639	A	5.515	0.01886	1.123
5	rs13178336	138675665	G	0.04592	0.05507	A	2.821	0.09303	0.826
5	rs749125	139146992	A	0.4504	0.4283	G	3.427	0.06414	1.094
5	rs12516113	139862830	G	0.05487	0.04487	A	3.92	0.04773	1.236
5	rs269546	140312996	A	0.1851	0.1589	G	8.689	0.003201	1.202
5	rs17287009	141024328	A	0.07497	0.06497	G	2.791	0.0948	1.166
5	rs4912610	141034424	G	0.1543	0.1394	A	3.16	0.07544	1.126
5	rs17097654	141168499	A	0.1684	0.1506	C	4.198	0.04046	1.142
5	rs6580215	141376182	C	0.2363	0.2148	A	4.689	0.03036	1.131
5	rs250092	141958427	A	0.1631	0.1447	G	4.618	0.03163	1.151
5	rs34019	141980729	A	0.3182	0.2935	G	5.034	0.02485	1.123
5	rs10070885	142000564	A	0.2632	0.2436	G	3.557	0.05929	1.109
5	rs250201	142013492	A	0.04696	0.06083	C	5.953	0.0147	0.7607
5	rs11955552	142047175	A	0.0485	0.05806	G	2.929	0.087	0.8271
5	rs17402406	142896678	A	0.1854	0.169	C	3.305	0.06905	1.12
5	rs246430	142962374	A	0.07239	0.08396	C	3.039	0.08128	0.8514
5	rs160790	143350286	A	0.02374	0.03047	G	2.71	0.09972	0.7737
5	rs17369132	143444879	A	0.04037	0.03127	G	4.565	0.03263	1.303
5	rs17470566	144559046	G	0.08875	0.07562	A	4.182	0.04085	1.191
5	rs13172414	144665060	C	0.07076	0.08178	A	2.821	0.09302	0.8551
5	rs11740064	145112165	G	0.0532	0.04244	A	4.785	0.02871	1.268

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5	rs338900	145158999	C	0.05005	0.06138	A	3.917	0.04781	0.8057
5	rs104186	145192615	C	0.1976	0.2279	A	9.079	0.002586	0.8345
5	rs10477291	145198971	A	0.01961	0.02601	G	2.865	0.09051	0.749
5	rs7725688	145296155	G	0.2683	0.2481	A	3.761	0.05245	1.111
5	rs1432892	146177061	G	0.07534	0.06136	A	5.715	0.01682	1.246
5	rs1480157	146403622	A	0.1983	0.2149	C	2.812	0.09358	0.904
5	rs2250145	147266247	G	0.4283	0.4076	A	3.032	0.08165	1.089
5	rs7725292	147368581	A	0.1581	0.144	G	2.744	0.09759	1.116
5	rs10515609	147733184	G	0.1014	0.1149	A	3.104	0.07809	0.8695
5	rs17640437	148149868	G	0.04494	0.05462	A	3.19	0.07411	0.8144
5	rs10515624	148626846	A	0.08617	0.102	G	4.805	0.02838	0.83
5	rs729319	148815128	A	0.4029	0.3813	C	3.403	0.06508	1.095
5	rs7732714	148986919	C	0.06553	0.0806	A	5.384	0.02032	0.8
5	rs30887	149220960	A	0.2541	0.2231	G	9.494	0.002061	1.187
5	rs6864267	149227931	A	0.0645	0.05003	C	7.375	0.006615	1.309
5	rs17655812	149378055	G	0.1777	0.1601	A	3.913	0.04792	1.133
5	rs216123	149440746	A	0.4105	0.4384	G	5.422	0.01989	0.8923
5	rs891944	149666827	G	0.1775	0.1955	A	3.595	0.05797	0.8879
5	rs7722480	149762613	A	0.08462	0.06934	C	6.107	0.01347	1.241
5	rs2983102	149825639	A	0.3595	0.337	G	3.908	0.04805	1.104
5	rs3097830	149910235	A	0.1914	0.208	G	2.903	0.08844	0.9013
5	rs17657199	149930439	A	0.02477	0.03625	G	6.737	0.009443	0.6752
5	rs7713567	150411148	A	0.3264	0.3461	G	2.946	0.0861	0.9157
5	rs979455	150574995	G	0.3132	0.3321	A	2.773	0.09586	0.9173
5	rs6866925	150592761	G	0.08626	0.09838	A	2.891	0.08905	0.8651
5	rs9324690	150698617	G	0.02868	0.03653	A	3.064	0.08006	0.7787
5	rs13180182	150860974	A	0.1171	0.1355	G	5.022	0.02503	0.8466
5	rs17741008	150877091	A	0.06347	0.05328	G	3.482	0.06204	1.204
5	rs3734051	150885591	A	0.2867	0.2548	G	9.162	0.002471	1.176
5	rs13174422	150889702	A	0.1868	0.204	G	3.153	0.07579	0.8965
5	rs302412	151313005	A	0.3608	0.3854	G	4.424	0.03543	0.9
5	rs4958505	151324247	G	0.297	0.2789	A	2.801	0.09422	1.092
5	rs17113267	151834817	A	0.1822	0.2008	G	3.726	0.05359	0.8869
5	rs1019507	152778807	A	0.4045	0.435	C	6.539	0.01055	0.882
5	rs2914621	152827215	A	0.2792	0.2571	G	4.381	0.03635	1.119
5	rs1826532	152880879	A	0.2141	0.235	C	4.19	0.04066	0.8872
5	rs1873906	152906702	A	0.0439	0.03614	G	2.92	0.08749	1.225
5	rs27152	153714775	G	0.3246	0.3496	A	4.779	0.0288	0.8939
5	rs11749737	153949212	G	0.2253	0.2443	A	3.35	0.0672	0.9
5	rs6580092	153977901	A	0.1302	0.1471	G	3.982	0.04599	0.8676
5	rs351294	154428932	A	0.05986	0.07313	G	4.568	0.03258	0.807
5	rs11135225	155192210	A	0.1011	0.1157	G	3.636	0.05654	0.8597
5	rs17053011	155293694	A	0.1073	0.124	C	4.479	0.03431	0.8493
5	rs256625	155388532	G	0.4416	0.4194	A	3.503	0.06125	1.095
5	rs12187915	155433209	G	0.09514	0.1079	A	2.951	0.0858	0.8692
5	rs17573010	156410409	A	0.03509	0.04414	G	3.422	0.06433	0.7875

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5	rs12522248	156412004	G	0.2604	0.2897	A	7.208	0.007256	0.8632
5	rs3734021	156475177	A	0.03627	0.04613	G	3.886	0.04869	0.7782
5	rs1422794	156869127	C	0.3689	0.3887	A	2.839	0.09199	0.9195
5	rs12188530	157051157	G	0.01961	0.03001	A	6.664	0.00984	0.6464
5	rs6860826	157502997	G	0.2056	0.2238	A	3.305	0.06907	0.8977
5	rs2287763	158878412	G	0.2441	0.2226	A	4.554	0.03284	1.127
5	rs6893930	159160405	G	0.1365	0.122	A	3.363	0.06667	1.138
5	rs12653825	159315849	A	0.3001	0.3233	G	4.251	0.03923	0.8976
5	rs12654902	159885977	G	0.07764	0.09229	A	4.476	0.03438	0.8279
5	rs1432788	160105114	A	0.06398	0.07491	G	3.016	0.08246	0.8442
5	rs949718	160269704	G	0.1717	0.1873	A	2.797	0.09445	0.899
5	rs609651	160562804	A	0.04592	0.03682	G	3.931	0.04739	1.259
5	rs10463102	161112377	G	0.3574	0.3346	A	4.021	0.04493	1.106
5	rs1157122	161251892	G	0.1254	0.1078	A	5.474	0.0193	1.187
5	rs10491327	161577681	A	0.1754	0.1588	G	3.542	0.05984	1.127
5	rs13328108	163072163	A	0.09452	0.112	G	5.395	0.0202	0.8274
5	rs2915850	163672287	A	0.1914	0.2114	G	4.169	0.04117	0.883
5	rs13160180	163691759	A	0.09185	0.0791	G	3.785	0.05172	1.177
5	rs6874303	163703402	A	0.1632	0.183	G	4.545	0.03301	0.8708
5	rs10063667	164111690	A	0.3525	0.3769	G	4.338	0.03727	0.9003
5	rs10515902	165002573	A	0.04964	0.05936	G	2.964	0.08512	0.8277
5	rs1799550	165708309	G	0.3304	0.3002	A	7.417	0.006461	1.15
5	rs1500126	165785467	A	0.273	0.2444	G	7.572	0.005929	1.161
5	rs2020170	165815121	A	0.4276	0.4075	G	2.887	0.08932	1.086
5	rs7703323	166540887	G	0.4536	0.4745	A	3.033	0.0816	0.9193
5	rs7700378	166640291	A	0.07336	0.08468	C	2.865	0.09051	0.8558
5	rs1421989	167191250	G	0.1914	0.1756	A	2.977	0.08444	1.112
5	rs2909798	167257387	C	0.2936	0.2666	A	6.389	0.01148	1.143
5	rs2617978	167306287	A	0.2699	0.2518	G	2.958	0.08546	1.098
5	rs17070043	167628355	G	0.06353	0.07802	A	5.124	0.02359	0.8017
5	rs749235	167675987	A	0.1945	0.2133	G	3.656	0.05586	0.8906
5	rs11745421	168123644	G	0.08669	0.1027	A	4.873	0.02729	0.8293
5	rs11954861	168378067	C	0.01499	0.02111	A	3.218	0.07284	0.7059
5	rs17071195	168749079	A	0.02012	0.02735	G	3.485	0.06192	0.7304
5	rs29811	168900357	A	0.07388	0.05636	G	9.586	0.00196	1.336
5	rs1422812	169001692	G	0.162	0.1845	A	5.852	0.01556	0.8546
5	rs9313467	169041718	A	0.3931	0.3712	G	3.541	0.05986	1.097
5	rs9313473	169152577	A	0.03302	0.04763	G	8.381	0.003791	0.6829
5	rs7729998	169462510	G	0.2549	0.2794	A	5.139	0.0234	0.8825
5	rs4867594	169580836	C	0.1362	0.1223	A	3.07	0.07975	1.132
5	rs315756	169702667	G	0.06973	0.08363	A	4.418	0.03555	0.8213
5	rs2656845	169768734	G	0.2472	0.2283	A	3.45	0.06325	1.11
5	rs10516075	169802892	A	0.2915	0.3166	G	5.036	0.02482	0.8882
5	rs6873409	169887090	A	0.07688	0.06376	G	4.878	0.02721	1.223
5	rs11134640	169975282	A	0.1981	0.1803	G	3.686	0.05486	1.123
5	rs11739371	170069058	A	0.04644	0.05628	G	3.201	0.07358	0.8167

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5	rs2194161	170101558	C	0.2714	0.2919	A	3.514	0.06086	0.9037
5	rs11740426	170808050	G	0.05315	0.04327	A	3.973	0.04624	1.241
5	rs4868093	170845407	A	0.1285	0.1156	G	2.777	0.09561	1.128
5	rs1382901	170969444	G	0.1736	0.1976	A	6.3	0.01207	0.8531
5	rs11134715	171039294	G	0.2172	0.2479	A	8.765	0.00307	0.8421
5	rs33864	171099833	C	0.08687	0.07491	A	3.497	0.06147	1.175
5	rs702072	171135853	A	0.2	0.1781	G	5.581	0.01816	1.154
5	rs11740782	171185452	A	0.3332	0.3128	C	3.322	0.06838	1.098
5	rs537767	171570339	A	0.04352	0.03536	G	3.283	0.07001	1.242
5	rs12332261	171763274	A	0.03051	0.0386	G	3.107	0.07794	0.7838
5	rs4868175	171848515	G	0.08523	0.1029	A	5.94	0.0148	0.8121
5	rs891998	171851379	A	0.4045	0.3845	G	2.92	0.08751	1.087
5	rs6556035	172012494	G	0.5114	0.4868	A	4.15	0.04164	1.103
5	rs17075071	172045679	A	0.1074	0.09285	G	4.288	0.03838	1.176
5	rs2112662	172146183	A	0.4164	0.4379	G	3.226	0.07247	0.9161
5	rs498221	172247401	A	0.07276	0.05843	G	6.28	0.01221	1.264
5	rs4242167	172659038	A	0.407	0.434	G	5.133	0.02347	0.895
5	rs12515303	172695257	G	0.3818	0.3418	A	12.21	0.0004754	1.189
5	rs2112618	172802615	G	0.1503	0.1673	A	3.605	0.05761	0.8805
5	rs1992906	173115417	G	0.1331	0.1478	A	2.98	0.08429	0.8854
5	rs17750318	173194190	A	0.3875	0.428	G	11.59	0.0006618	0.8455
5	rs1560049	173675723	A	0.1032	0.09115	G	2.987	0.08395	1.147
5	rs1875190	173728507	A	0.06553	0.07879	G	4.249	0.03928	0.82
5	rs2936953	173738680	A	0.3583	0.3388	C	2.914	0.0878	1.09
5	rs4312897	173932204	A	0.07121	0.08801	G	6.184	0.01289	0.7945
5	rs9313702	174361210	A	0.2714	0.2957	G	4.912	0.02667	0.8873
5	rs17052072	174395384	G	0.04592	0.05545	A	3.043	0.08107	0.8199
5	rs10071330	174459339	C	0.03361	0.04362	A	4.241	0.03947	0.7625
5	rs1363682	174529029	A	0.2931	0.3128	G	3.13	0.07688	0.9109
5	rs13173875	174696439	A	0.07276	0.06156	G	3.673	0.05528	1.196
5	rs7727067	174725322	A	0.1187	0.1374	G	5.178	0.02287	0.8452
5	rs2544732	174749632	A	0.1527	0.1683	C	3.011	0.08271	0.8908
5	rs17572757	174992319	G	0.04649	0.058	A	4.269	0.03881	0.7918
5	rs13154670	175834191	G	0.05785	0.07313	A	6.063	0.0138	0.7783
5	rs2241584	175888783	A	0.3988	0.379	G	2.856	0.09105	1.087
5	rs11134985	175954562	A	0.4644	0.4425	G	3.32	0.06845	1.092
5	rs11134987	175985548	A	0.05108	0.06066	G	2.825	0.09282	0.8336
5	rs7380999	176226309	G	0.07637	0.08995	A	3.947	0.04696	0.8365
5	rs6870999	176403037	C	0.1924	0.2098	A	3.146	0.0761	0.8975
5	rs11953930	176652107	A	0.05986	0.05062	C	3.003	0.08311	1.194
5	rs6420094	176750242	G	0.3476	0.3265	A	3.498	0.06143	1.099
5	rs2731672	176775080	A	0.2307	0.2488	G	3.065	0.08001	0.9051
5	rs11249784	177316388	G	0.345	0.3211	A	4.491	0.03408	1.114
5	rs1545751	177913398	A	0.05831	0.07263	C	5.36	0.0206	0.7906
5	rs185493	177923864	A	0.3751	0.3974	G	3.574	0.05868	0.9104
5	rs262065	177932053	C	0.05837	0.06829	A	2.71	0.09975	0.8456

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5	rs10903228	178010262	A	0.09701	0.08458	G	3.39	0.06561	1.163
5	rs1531539	178017449	A	0.07254	0.08361	G	2.786	0.09509	0.8572
5	rs2279979	178556707	A	0.03934	0.04774	G	2.723	0.09891	0.8167
5	rs878933	178671622	A	0.1925	0.1772	G	2.753	0.09707	1.107
5	rs7718190	178779285	A	0.2657	0.2937	G	6.561	0.01042	0.8702
5	rs12658115	178785235	G	0.3114	0.2876	A	4.719	0.02984	1.12
5	rs11249632	178854570	A	0.1126	0.1005	G	2.762	0.0965	1.136
5	rs3797764	179371951	A	0.1606	0.1446	G	3.57	0.05883	1.133
5	rs918481	179723158	A	0.3777	0.3546	G	4.023	0.04487	1.105
5	rs1862326	179725862	A	0.1303	0.1473	C	4.021	0.04494	0.8671
5	rs10069	179935691	A	0.2028	0.181	G	5.442	0.01965	1.151
5	rs382266	179980018	A	0.07585	0.0612	G	6.289	0.01215	1.259
5	rs1872183	180178532	A	0.07696	0.09203	G	4.758	0.02916	0.8226
5	rs7380299	180475924	G	0.02683	0.01933	A	4.916	0.02662	1.399
6	rs12212839	173345	C	0.09349	0.08152	A	3.252	0.07132	1.162
6	rs6927547	199424	G	0.1457	0.1319	A	2.823	0.0929	1.122
6	rs3800262	350900	A	0.1816	0.1666	G	2.766	0.09629	1.11
6	rs1473602	373722	A	0.2033	0.1753	G	9.231	0.002379	1.201
6	rs12530461	559353	A	0.03922	0.03148	C	3.304	0.06913	1.256
6	rs2317222	778579	G	0.222	0.2001	A	5.153	0.0232	1.141
6	rs4960405	840605	A	0.1791	0.1608	G	4.238	0.03953	1.139
6	rs6597398	925237	G	0.07637	0.08852	A	3.201	0.07357	0.8514
6	rs742520	1075389	G	0.2389	0.222	A	2.832	0.09238	1.1
6	rs9502839	1089109	G	0.3148	0.3357	A	3.414	0.06463	0.9088
6	rs1711969	1325745	G	0.4082	0.3841	A	4.204	0.04033	1.106
6	rs9392288	1363159	A	0.4168	0.446	G	5.944	0.01477	0.8879
6	rs10900909	1449121	A	0.4165	0.3887	G	5.553	0.01845	1.122
6	rs2281272	1535395	A	0.08824	0.1014	G	3.317	0.06855	0.8577
6	rs12197419	1654036	G	0.242	0.2601	A	2.965	0.0851	0.908
6	rs12190459	1811778	G	0.2288	0.209	A	4.072	0.04359	1.123
6	rs10458131	1849187	A	0.06302	0.04909	G	6.956	0.008352	1.303
6	rs9503060	1931606	A	0.3715	0.3941	G	3.697	0.05452	0.9088
6	rs7755470	1933781	A	0.1156	0.1005	G	4.301	0.03808	1.17
6	rs17135521	2652631	G	0.03354	0.02448	A	5.697	0.01699	1.383
6	rs6916011	2879677	G	0.05269	0.04258	A	4.214	0.04008	1.251
6	rs9501899	2882223	A	0.05837	0.07024	G	3.784	0.05175	0.8205
6	rs6596945	3016912	A	0.1834	0.2027	C	4.007	0.04532	0.8834
6	rs2326173	3020552	A	0.3514	0.3296	G	3.68	0.05506	1.102
6	rs3799216	3095514	G	0.2495	0.2676	A	2.91	0.08806	0.9097
6	rs226938	3654844	A	0.3246	0.3018	G	4.224	0.03985	1.112
6	rs192021	3676722	G	0.04696	0.05669	A	3.112	0.07774	0.8198
6	rs4959877	3797691	A	0.1276	0.1137	C	3.277	0.07025	1.14
6	rs1327993	4246550	G	0.2609	0.2407	A	3.823	0.05056	1.114
6	rs1887574	4262397	A	0.4333	0.4071	G	4.892	0.02697	1.114
6	rs407626	4514181	G	0.2301	0.2474	A	2.774	0.09582	0.9094
6	rs4959307	4552727	A	0.1927	0.1771	C	2.851	0.0913	1.109

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6	rs12206701	4560654	A	0.162	0.1857	G	6.489	0.01085	0.8476
6	rs1474725	4582384	A	0.1064	0.09354	G	3.32	0.06843	1.154
6	rs11242971	4643666	A	0.2853	0.3072	G	3.872	0.04909	0.9007
6	rs17282871	4819385	A	0.016	0.02168	G	2.708	0.09987	0.7334
6	rs2746242	5104224	C	0.01601	0.02232	A	3.243	0.07172	0.7127
6	rs4481464	5160234	A	0.05831	0.07146	G	4.579	0.03237	0.8046
6	rs6924717	5249850	A	0.1558	0.1413	G	2.969	0.08487	1.122
6	rs2432785	5342253	A	0.0227	0.03052	C	3.664	0.05559	0.7379
6	rs9405274	5479270	A	0.1414	0.1273	G	3.046	0.08095	1.129
6	rs7765654	5505240	C	0.04489	0.05399	A	2.848	0.09147	0.8235
6	rs11966014	5923976	G	0.05165	0.06145	A	2.917	0.08768	0.8318
6	rs7755737	6042535	G	0.1201	0.1058	A	3.656	0.05587	1.153
6	rs1609584	6115448	G	0.2448	0.2253	A	3.745	0.05295	1.115
6	rs406238	6117301	A	0.4211	0.4007	C	2.967	0.08498	1.088
6	rs11969912	6120974	A	0.3223	0.3454	G	4.083	0.04332	0.9013
6	rs1742930	6173405	A	0.1462	0.1292	G	4.372	0.03652	1.154
6	rs3804481	6577398	G	0.1379	0.123	A	3.492	0.06167	1.14
6	rs1294438	6697058	A	0.3161	0.3422	G	5.233	0.02216	0.8885
6	rs7774811	6725869	A	0.03509	0.04344	G	2.958	0.08547	0.8007
6	rs1938168	6728554	G	0.3066	0.2879	A	2.943	0.08626	1.094
6	rs2769004	6868655	G	0.4809	0.501	A	2.791	0.09481	0.9227
6	rs11965592	7202271	A	0.04128	0.05011	G	2.882	0.08958	0.8161
6	rs2076299	7525957	G	0.03409	0.04535	A	5.182	0.02282	0.743
6	rs7759108	7583470	G	0.311	0.2919	A	3.004	0.08308	1.095
6	rs2327012	7625519	A	0.03977	0.03221	C	3.083	0.07913	1.244
6	rs3812162	7856701	A	0.4948	0.4747	C	2.793	0.0947	1.084
6	rs197114	7896066	C	0.09459	0.1118	A	5.16	0.02311	0.8304
6	rs4959462	7920134	G	0.3689	0.3918	A	3.784	0.05174	0.9076
6	rs4401711	8053621	A	0.09494	0.08366	G	2.826	0.09274	1.149
6	rs650458	8190778	A	0.4137	0.394	G	2.788	0.09495	1.085
6	rs7746417	8739121	A	0.2518	0.2701	G	2.932	0.08682	0.9096
6	rs4475363	8850428	G	0.07624	0.09059	A	4.355	0.0369	0.8286
6	rs9476488	9743479	G	0.06656	0.07895	A	3.701	0.05439	0.8319
6	rs9370818	9884180	G	0.1675	0.1832	A	2.852	0.09129	0.8972
6	rs12111456	10333646	A	0.05366	0.04521	G	2.8	0.09424	1.198
6	rs3798696	10511636	A	0.1373	0.123	G	3.194	0.0739	1.134
6	rs7758450	10566840	A	0.0774	0.08864	G	2.734	0.09821	0.8625
6	rs470764	10569105	A	0.1265	0.1124	G	3.43	0.06401	1.144
6	rs501436	10572011	A	0.4943	0.473	G	3.136	0.07659	1.089
6	rs560194	10636780	A	0.4783	0.4584	G	2.746	0.09752	1.083
6	rs17576994	10707520	A	0.4726	0.4462	G	4.841	0.0278	1.112
6	rs7764197	10721443	A	0.07276	0.08805	G	5.114	0.02374	0.8126
6	rs4712802	10750245	A	0.4684	0.49	C	3.204	0.07344	0.9171
6	rs494723	10854213	G	0.2722	0.2517	A	3.809	0.05098	1.112
6	rs13204015	11148446	G	0.05831	0.04636	A	5.429	0.01981	1.274
6	rs1009667	11322691	G	0.3096	0.3326	A	4.118	0.04243	0.8999

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6	rs9380521	11882845	A	0.1047	0.1258	G	7.082	0.007787	0.8129
6	rs9368883	11894151	A	0.4907	0.4707	G	2.771	0.09599	1.084
6	rs4711432	11907134	G	0.3664	0.3857	A	2.717	0.09929	0.921
6	rs12662518	12327771	A	0.1982	0.2184	G	4.113	0.04256	0.8851
6	rs1931546	12561585	G	0.0718	0.06105	A	3.41	0.06481	1.19
6	rs2504897	12681712	A	0.2798	0.2607	G	3.216	0.07291	1.101
6	rs499627	12722008	A	0.1064	0.09033	G	5.327	0.021	1.199
6	rs6458848	13582041	C	0.07365	0.08698	A	3.901	0.04827	0.8346
6	rs707816	13742961	A	0.4154	0.3867	G	5.972	0.01454	1.127
6	rs2071835	13746430	C	0.09566	0.1103	A	3.817	0.05073	0.8531
6	rs365178	13859526	G	0.4117	0.3854	A	4.995	0.02542	1.116
6	rs9396146	13888496	G	0.2446	0.2676	A	4.666	0.03077	0.8862
6	rs9647614	13951250	A	0.1207	0.1083	G	2.756	0.09688	1.131
6	rs6914405	13992851	G	0.07327	0.05751	A	7.687	0.005563	1.296
6	rs9382889	14122772	A	0.2903	0.2642	G	5.999	0.01432	1.139
6	rs6459336	14258209	G	0.3879	0.3664	A	3.438	0.0637	1.096
6	rs9476551	14502483	A	0.125	0.1116	G	3.066	0.07996	1.137
6	rs707821	14778866	A	0.1378	0.1229	G	3.476	0.06228	1.14
6	rs2472802	14875398	G	0.157	0.1409	A	3.654	0.05593	1.136
6	rs7765425	15436052	A	0.06043	0.04976	G	4.064	0.04381	1.228
6	rs12525702	15735750	A	0.112	0.13	G	5.02	0.02506	0.8439
6	rs13207978	16446883	G	0.04959	0.0662	A	7.895	0.004956	0.736
6	rs9396669	16507386	A	0.09598	0.07745	G	8.09	0.004451	1.265
6	rs1709172	16549012	A	0.4112	0.3903	G	3.135	0.07662	1.091
6	rs9396681	16601068	G	0.1063	0.09336	A	3.364	0.06662	1.155
6	rs11756866	16668120	G	0.1321	0.1129	A	6.222	0.01261	1.195
6	rs7773920	16739855	A	0.03568	0.04973	G	7.417	0.006461	0.7069
6	rs528785	16885110	G	0.3397	0.3619	A	3.661	0.0557	0.9073
6	rs11752823	16914199	A	0.2115	0.2358	C	5.716	0.01681	0.869
6	rs9350018	17018108	C	0.3349	0.3106	A	4.735	0.02956	1.118
6	rs2025124	17070583	A	0.2647	0.2362	G	7.685	0.005568	1.164
6	rs9350030	17230815	C	0.2559	0.2349	A	4.213	0.04011	1.12
6	rs7749203	17257717	G	0.1376	0.1224	A	3.666	0.05554	1.144
6	rs1322846	17349133	G	0.4092	0.443	A	8.002	0.004673	0.8708
6	rs6459530	17362880	A	0.06147	0.05097	C	3.845	0.0499	1.219
6	rs1417722	17489796	C	0.4639	0.442	A	3.357	0.06692	1.093
6	rs6912751	17862462	A	0.1667	0.1522	C	2.787	0.09502	1.114
6	rs7752412	18022783	A	0.03981	0.04871	G	2.998	0.08338	0.8098
6	rs7752879	18498180	C	0.3173	0.2911	A	5.718	0.01679	1.132
6	rs2147422	18534716	G	0.0645	0.079	A	5.08	0.02421	0.8038
6	rs10807623	18570471	A	0.4412	0.4175	G	3.965	0.04645	1.101
6	rs7772056	19987547	A	0.3416	0.373	G	7.304	0.00688	0.8721
6	rs9358312	20334049	C	0.1432	0.1296	A	2.802	0.09417	1.123
6	rs717208	20345022	A	0.4372	0.4128	G	4.191	0.04063	1.105
6	rs9366344	20435828	G	0.4143	0.3866	A	5.582	0.01815	1.123
6	rs9366347	20474041	A	0.2374	0.2687	G	8.677	0.003223	0.8472

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6	rs7760528	20550333	G	0.3025	0.3286	A	5.335	0.02091	0.8862
6	rs10946384	20603525	A	0.1758	0.1965	G	4.671	0.03068	0.8726
6	rs6905281	20679114	G	0.08169	0.07093	A	2.962	0.08524	1.165
6	rs2206740	20769711	A	0.02534	0.03305	G	3.287	0.06984	0.7606
6	rs9348456	21251345	A	0.09082	0.07811	C	3.803	0.05115	1.179
6	rs9460610	21332272	A	0.2208	0.2015	G	3.993	0.0457	1.123
6	rs6942273	21333556	G	0.4257	0.4515	A	4.638	0.03128	0.9005
6	rs12527560	21362357	A	0.1429	0.1274	G	3.709	0.05412	1.142
6	rs9358437	21635341	G	0.3462	0.3712	A	4.622	0.03157	0.8971
6	rs941990	21766860	G	0.2456	0.2205	A	6.28	0.01221	1.151
6	rs13212670	22077474	A	0.3163	0.339	G	3.978	0.04611	0.9021
6	rs12207718	22217546	C	0.05263	0.04414	A	2.893	0.08895	1.203
6	rs7774801	22248420	C	0.124	0.1086	A	4.124	0.04229	1.161
6	rs9356806	22312177	A	0.05366	0.06521	G	3.844	0.04992	0.8129
6	rs9379398	22537431	G	0.04339	0.05257	A	2.972	0.08472	0.8174
6	rs4609019	22561123	G	0.4188	0.3949	A	4.124	0.04229	1.104
6	rs7763770	23313308	G	0.3762	0.3569	A	2.782	0.09533	1.087
6	rs7743434	23368803	A	0.1627	0.1398	G	7.382	0.006587	1.196
6	rs199055	23598096	G	0.02804	0.02067	A	4.437	0.03516	1.367
6	rs12192080	23758540	A	0.1524	0.1699	G	3.783	0.05176	0.8784
6	rs560216	24026254	G	0.1049	0.09091	A	3.992	0.04572	1.171
6	rs1511481	24121961	G	0.1806	0.1974	A	3.111	0.07777	0.8959
6	rs2683638	24186166	G	0.02686	0.03517	A	3.598	0.05786	0.7572
6	rs9393530	24255339	A	0.05888	0.04943	G	3.217	0.07287	1.203
6	rs4236032	24714706	G	0.1236	0.1039	A	7.008	0.008116	1.216
6	rs7763790	24723042	A	0.1761	0.1937	G	3.428	0.0641	0.89
6	rs17678510	25435832	G	0.04804	0.05979	A	4.325	0.03756	0.7935
6	rs12201737	25515461	A	0.1976	0.2179	G	4.173	0.04107	0.8843
6	rs4368803	25518056	A	0.3528	0.3306	G	3.821	0.0506	1.104
6	rs301396	25574868	A	0.4365	0.4583	G	3.326	0.0682	0.9153
6	rs2272825	25777812	G	0.09494	0.1132	A	5.812	0.01592	0.8219
6	rs7760713	26245631	G	0.05315	0.06594	A	4.678	0.03055	0.7951
6	rs1741740	26536821	A	0.1622	0.1774	G	2.737	0.09807	0.8979
6	rs11758636	27337540	A	0.06192	0.05248	G	3.036	0.08142	1.192
6	rs3129157	29249722	A	0.02632	0.03422	G	3.34	0.06762	0.7629
6	rs9262155	30808476	G	0.08566	0.1068	A	8.266	0.00404	0.7832
6	rs2535319	30822458	G	0.3973	0.3729	A	4.386	0.03624	1.109
6	rs3131063	30871735	A	0.4612	0.4377	G	3.874	0.04903	1.1
6	rs3757340	31029861	G	0.2668	0.2847	A	2.732	0.09838	0.9142
6	rs3823418	31208921	A	0.2095	0.1756	G	13.48	0.0002416	1.244
6	rs12175489	31485566	A	0.1251	0.1396	G	3.022	0.08214	0.8812
6	rs986475	31664688	G	0.0903	0.1054	A	4.233	0.03965	0.8425
6	rs3749952	31791136	C	0.04025	0.03132	A	4.402	0.0359	1.297
6	rs480092	31872878	G	0.1276	0.1542	A	9.481	0.002076	0.8024
6	rs443198	32298384	G	0.4013	0.3768	A	4.426	0.03539	1.109
6	rs17576984	32320963	A	0.1009	0.08546	G	5.157	0.02315	1.201

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6	rs6903608	32536263	G	0.3024	0.3304	A	6.148	0.01316	0.8785
6	rs3873444	32790702	A	0.09185	0.1119	G	7.133	0.007567	0.8023
6	rs241424	32912912	A	0.4721	0.4522	G	2.75	0.09724	1.083
6	rs714289	33013789	G	0.04912	0.06073	A	4.149	0.04167	0.799
6	rs375912	33124706	G	0.315	0.3366	A	3.609	0.05747	0.9063
6	rs7748483	33961049	G	0.03616	0.02881	A	3.238	0.07194	1.265
6	rs2495971	34037043	C	0.1698	0.148	A	6.413	0.01133	1.177
6	rs2395597	34650640	G	0.274	0.2923	A	2.786	0.09509	0.9139
6	rs2294807	35663088	A	0.1011	0.08418	G	6.306	0.01204	1.224
6	rs651158	36014367	G	0.3388	0.3591	A	3.073	0.07963	0.9148
6	rs12203115	36598711	G	0.2583	0.2356	A	4.879	0.02718	1.13
6	rs13202984	36689127	G	0.3834	0.3592	A	4.358	0.03683	1.109
6	rs9462209	36736020	C	0.4422	0.4628	A	2.907	0.08821	0.9204
6	rs236446	36830929	A	0.3065	0.28	G	5.99	0.01439	1.137
6	rs236419	36852756	G	0.2709	0.2426	A	7.469	0.006277	1.16
6	rs9380602	37109990	A	0.1152	0.1323	G	4.459	0.03471	0.8537
6	rs1046279	37040549	G	0.4572	0.4331	A	4.079	0.04342	1.103
6	rs3778022	37056224	A	0.1601	0.1303	G	13.27	0.00027	1.273
6	rs6930271	37073077	A	0.2038	0.1788	G	7.247	0.007103	1.175
6	rs6457967	37109990	G	0.01548	0.02284	A	4.335	0.03734	0.6728
6	rs11757295	37411911	G	0.04115	0.02914	A	8.351	0.003856	1.43
6	rs9462313	37551928	A	0.03048	0.04096	G	4.958	0.02597	0.7359
6	rs883373	37585611	A	0.1247	0.1082	G	4.802	0.02842	1.175
6	rs11751671	37641272	A	0.1162	0.09953	G	5.271	0.02168	1.19
6	rs6925749	37741002	A	0.2482	0.2724	G	5.116	0.02371	0.882
6	rs4565301	37827038	A	0.02896	0.03655	G	2.884	0.08944	0.786
6	rs13437039	37833780	C	0.0243	0.03243	A	3.729	0.05349	0.743
6	rs17620389	38642407	G	0.0387	0.05009	A	4.818	0.02817	0.7635
6	rs6932648	38766861	A	0.1058	0.1232	G	4.926	0.02645	0.8417
6	rs7738586	39115518	A	0.09701	0.08275	C	4.542	0.03307	1.191
6	rs12214600	39376714	A	0.1956	0.1767	G	4.204	0.04032	1.133
6	rs6458115	39504515	C	0.0868	0.06964	A	7.602	0.005829	1.27
6	rs167325	39865058	A	0.05676	0.06681	G	2.839	0.09199	0.8405
6	rs11759168	39965304	G	0.1051	0.1206	A	3.978	0.04609	0.8558
6	rs7771410	39971446	A	0.01499	0.02077	G	2.91	0.08802	0.7177
6	rs2273853	39984411	A	0.09091	0.0736	G	7.399	0.006525	1.259
6	rs13197734	39986250	A	0.05165	0.06132	G	2.842	0.09182	0.8338
6	rs4714343	40452504	A	0.2691	0.2459	G	4.961	0.02593	1.129
6	rs12526543	40726059	A	0.07513	0.09117	G	5.432	0.01978	0.8098
6	rs6901893	40919556	G	0.2539	0.2734	A	3.319	0.06849	0.9044
6	rs9471493	41261837	A	0.02683	0.03397	G	2.743	0.09771	0.784
6	rs12215942	41659983	A	0.2934	0.275	G	2.912	0.08791	1.095
6	rs2230088	41729249	A	0.188	0.1728	G	2.767	0.09625	1.108
6	rs2179721	41734493	A	0.259	0.2392	G	3.711	0.05407	1.112
6	rs3828855	42008384	A	0.08772	0.1046	G	5.313	0.02116	0.8234
6	rs4236081	42129870	A	0.451	0.4285	G	3.55	0.05954	1.095

GNE_0369PR_TableS1									
6	rs1884315	42372006	G	0.3647	0.3401	A	4.612	0.03174	1.114
6	rs628634	42385174	C	0.2812	0.3041	A	4.306	0.03798	0.8951
6	rs9462806	42558660	G	0.2704	0.3031	A	8.779	0.003048	0.8522
6	rs6929834	42816606	A	0.1729	0.1496	G	7.206	0.007264	1.188
6	rs1214748	43526669	A	0.3199	0.2986	G	3.727	0.05354	1.105
6	rs1150798	43556799	G	0.1185	0.1382	A	5.688	0.01708	0.8382
6	rs16869037	43767478	G	0.04592	0.05575	A	3.221	0.0727	0.8153
6	rs12661869	43792975	A	0.05108	0.06107	G	3.051	0.08068	0.8277
6	rs866730	43799851	A	0.3099	0.3399	G	6.926	0.008496	0.8723
6	rs4714696	43827971	G	0.3078	0.2881	A	3.236	0.07205	1.099
6	rs1359617	44024870	A	0.1023	0.08656	G	5.291	0.02144	1.202
6	rs9472201	44128388	G	0.0547	0.04498	A	3.707	0.05419	1.229
6	rs9472202	44129264	A	0.2482	0.2295	G	3.375	0.06618	1.108
6	rs17209560	44389694	A	0.1879	0.1725	G	2.826	0.09274	1.11
6	rs911984	44562311	A	0.1496	0.1645	C	2.811	0.0936	0.8935
6	rs9296459	45476775	A	0.3242	0.3457	G	3.521	0.06059	0.9081
6	rs1200425	45635110	A	0.3961	0.3765	G	2.791	0.09478	1.086
6	rs1449645	45864457	G	0.3699	0.391	A	3.196	0.07381	0.9147
6	rs4714874	45885453	G	0.4582	0.4835	A	4.442	0.03507	0.9032
6	rs928613	45953779	A	0.1739	0.1942	G	4.603	0.03191	0.8732
6	rs873053	45955093	A	0.287	0.2634	G	4.905	0.02678	1.126
6	rs6458477	45988289	G	0.09288	0.07688	A	6.097	0.01354	1.229
6	rs17466007	46258555	G	0.3481	0.3743	A	5.059	0.0245	0.8927
6	rs9296480	46263367	G	0.1606	0.1908	A	10.26	0.001356	0.8119
6	rs9395167	46299596	A	0.1741	0.1902	G	2.939	0.08645	0.8972
6	rs12528557	46312829	A	0.4603	0.4898	G	6.023	0.01412	0.8883
6	rs9367256	46831226	A	0.1829	0.2068	G	6.098	0.01353	0.8581
6	rs1234128	46940927	G	0.1335	0.1203	A	2.834	0.09231	1.127
6	rs220702	46975676	G	0.0805	0.09519	A	4.392	0.03611	0.8321
6	rs1687119	47197503	G	0.07843	0.09344	A	4.66	0.03088	0.8257
6	rs7774223	47232946	A	0.1085	0.1268	G	5.327	0.021	0.8375
6	rs7746156	47238778	A	0.4241	0.4603	G	9.094	0.002565	0.8636
6	rs1884043	47239133	G	0.07534	0.06475	A	3.14	0.07639	1.177
6	rs9395250	47437114	A	0.1037	0.1177	G	3.266	0.07072	0.8678
6	rs17217010	47455668	G	0.05992	0.07306	A	4.48	0.03429	0.8086
6	rs2894754	48600721	G	0.0903	0.07383	A	6.696	0.009661	1.245
6	rs9367361	49630824	A	0.2616	0.2831	C	3.948	0.04692	0.8972
6	rs1388930	50514534	G	0.2178	0.2376	A	3.765	0.05233	0.8934
6	rs280322	50741340	A	0.224	0.2067	G	3.086	0.07899	1.108
6	rs6924593	51034113	G	0.3652	0.3942	A	6.11	0.01344	0.8839
6	rs16882141	52127622	C	0.05108	0.0428	A	2.836	0.09218	1.204
6	rs9395766	52153974	C	0.4159	0.3946	A	3.254	0.07124	1.092
6	rs12665711	52313430	A	0.1022	0.1183	C	4.357	0.03686	0.8482
6	rs126831	52317850	G	0.3992	0.376	A	3.931	0.04742	1.103
6	rs3804505	52411320	A	0.06966	0.05791	G	4.276	0.03865	1.218
6	rs2670154	52648597	A	0.1863	0.2041	G	3.402	0.0651	0.8926

GNE_0369PR_Table1									
6	rs9463827	52701794	A	0.2433	0.2234	C	3.921	0.04769	1.118
6	rs2281274	53251513	G	0.2293	0.212	A	3.07	0.07974	1.106
6	rs10948750	53422142	G	0.4866	0.4627	A	3.965	0.04646	1.101
6	rs9395867	53446556	A	0.297	0.2732	G	4.826	0.02803	1.124
6	rs3823111	53624994	A	0.0743	0.06203	G	4.378	0.03642	1.214
6	rs2038939	53628047	A	0.09607	0.1087	G	2.865	0.09052	0.8716
6	rs2206574	53939420	G	0.3416	0.3713	A	6.496	0.01081	0.8787
6	rs9296733	53997934	A	0.2606	0.2375	G	5.04	0.02477	1.132
6	rs12193921	54235962	G	0.08368	0.06675	A	7.732	0.005424	1.277
6	rs6937228	55293002	A	0.07903	0.09108	G	3.062	0.08013	0.8564
6	rs10807496	55535668	G	0.3968	0.3753	A	3.403	0.06508	1.095
6	rs228146	55744214	A	0.467	0.4423	C	4.252	0.03921	1.105
6	rs17819585	56139119	G	0.05636	0.07458	A	8.489	0.003573	0.7411
6	rs1870639	56834778	A	0.171	0.1945	G	6.131	0.01328	0.8543
6	rs9475939	57396889	G	0.03099	0.02458	A	2.879	0.08977	1.269
6	rs1192448	62736795	C	0.2534	0.2358	A	2.938	0.08651	1.1
6	rs6909922	63257690	A	0.05475	0.04331	G	5.297	0.02136	1.279
6	rs3003684	64829301	A	0.03512	0.04765	G	6.13	0.01329	0.7275
6	rs11757369	64970057	A	0.06147	0.07282	G	3.343	0.0675	0.8339
6	rs12663566	65561385	G	0.09391	0.1135	A	6.712	0.009576	0.8092
6	rs4710286	65577018	C	0.5016	0.4804	A	3.089	0.07883	1.088
6	rs12216299	66179080	C	0.1027	0.08638	A	5.7	0.01696	1.21
6	rs12189739	66420326	A	0.03834	0.03099	G	3.02	0.08222	1.247
6	rs1206553	67065007	A	0.1255	0.1415	G	3.679	0.05511	0.8706
6	rs851880	67120634	G	0.1493	0.1281	A	6.846	0.008882	1.195
6	rs6900214	67144853	G	0.2927	0.3139	A	3.612	0.05736	0.9045
6	rs12211126	67606172	G	0.4221	0.3902	A	7.349	0.006711	1.141
6	rs13205069	68589790	G	0.1337	0.1199	A	3.079	0.07931	1.133
6	rs777648	68922439	G	0.08927	0.07623	A	4.092	0.04309	1.188
6	rs945823	68941025	A	0.2915	0.2731	G	2.957	0.08551	1.096
6	rs7766123	69119684	A	0.2688	0.2889	G	3.396	0.06536	0.905
6	rs7741993	69328721	A	0.09959	0.08583	G	4.09	0.04313	1.178
6	rs582962	69578699	G	0.3354	0.3162	A	2.922	0.08739	1.091
6	rs6919398	70036710	A	0.08945	0.07071	G	8.965	0.002752	1.291
6	rs9454727	70060110	G	0.2993	0.2756	A	4.817	0.02818	1.123
6	rs13191298	70066946	G	0.1182	0.1325	A	3.105	0.07803	0.8775
6	rs13194186	70405923	G	0.2337	0.2124	A	4.633	0.03137	1.131
6	rs9454982	70894916	C	0.1847	0.1679	A	3.468	0.06257	1.123
6	rs2262681	71271719	G	0.1357	0.1552	A	5.068	0.02438	0.8545
6	rs9784769	71656509	G	0.02786	0.03631	A	3.606	0.05758	0.7607
6	rs10447360	71656547	G	0.2934	0.2747	A	2.998	0.08338	1.096
6	rs6930956	71740346	G	0.1725	0.158	A	2.727	0.09865	1.111
6	rs12197035	71899892	G	0.2785	0.2523	A	6.193	0.01283	1.144
6	rs9442693	72442722	A	0.0485	0.03842	G	4.618	0.03163	1.276
6	rs9342868	72497521	A	0.1801	0.1989	G	3.862	0.0494	0.8847
6	rs1999083	72507301	A	0.1556	0.1389	G	3.958	0.04666	1.142

GNE_0369PR_TableS1									
6	rs2815727	73250711	G	0.1198	0.1074	A	2.744	0.09761	1.131
6	rs1202100	73363249	A	0.2935	0.275	G	2.933	0.08677	1.095
6	rs1147570	73365234	A	0.09699	0.07861	C	7.825	0.005152	1.259
6	rs9446777	73637772	G	0.0375	0.02869	A	4.612	0.03175	1.319
6	rs9341399	73830365	A	0.08419	0.07058	G	4.775	0.02888	1.211
6	rs7739433	73851921	C	0.1384	0.1171	A	7.459	0.006313	1.211
6	rs795857	75169435	A	0.4777	0.4996	G	3.297	0.0694	0.9161
6	rs12111118	75373066	G	0.03512	0.04445	A	3.612	0.05736	0.7825
6	rs7752646	75503808	C	0.1231	0.1376	A	3.087	0.0789	0.8797
6	rs2248180	75517221	G	0.3674	0.3958	A	5.846	0.01562	0.8865
6	rs4346826	75779211	G	0.147	0.1305	A	4.056	0.044	1.148
6	rs4708205	76787005	A	0.06095	0.07595	G	5.635	0.01761	0.7897
6	rs9343406	77088077	G	0.0387	0.03161	A	2.766	0.0963	1.233
6	rs10943414	77864513	A	0.2102	0.2275	C	2.949	0.08594	0.9038
6	rs9443636	79767375	A	0.08945	0.1024	G	3.2	0.07364	0.8607
6	rs6927389	80297670	A	0.1668	0.1476	G	5.011	0.02519	1.156
6	rs16890898	80418029	G	0.09194	0.07531	A	6.7	0.009641	1.243
6	rs2746319	80472147	A	0.06302	0.07637	G	4.432	0.03526	0.8134
6	rs10484762	80540125	G	0.03878	0.04992	A	4.611	0.03176	0.7679
6	rs6454267	83097859	G	0.01909	0.02597	A	3.321	0.06839	0.73
6	rs2917494	83336776	C	0.1819	0.2015	A	4.148	0.04169	0.8809
6	rs9341967	84651368	G	0.2389	0.2611	A	4.424	0.03545	0.8884
6	rs17186481	84958969	A	0.07637	0.06556	G	3.235	0.07208	1.178
6	rs4706197	85126279	A	0.02694	0.03511	G	3.466	0.06263	0.761
6	rs10943983	85181813	A	0.04029	0.0507	G	3.966	0.04642	0.786
6	rs313229	86053120	A	0.3395	0.3701	G	6.932	0.008467	0.875
6	rs17443200	86738194	A	0.1646	0.146	G	4.75	0.0293	1.153
6	rs9344563	86816704	A	0.1073	0.1272	C	6.235	0.01252	0.8249
6	rs9359692	87007188	A	0.2714	0.2504	G	4.015	0.04511	1.115
6	rs1292672	87489296	A	0.1589	0.1447	G	2.803	0.09406	1.117
6	rs12190021	88483816	A	0.03222	0.04115	G	3.541	0.05987	0.7759
6	rs2787942	88496102	G	0.1348	0.1198	A	3.626	0.0569	1.145
6	rs6454648	88543052	A	0.1058	0.123	G	4.797	0.02851	0.8436
6	rs2509453	88718521	A	0.1765	0.195	G	3.776	0.05198	0.8849
6	rs489468	88736350	G	0.2865	0.3178	A	7.819	0.005169	0.8619
6	rs6938023	88774682	G	0.1883	0.1681	A	4.986	0.02556	1.148
6	rs4706308	88882061	C	0.3518	0.3736	A	3.539	0.05993	0.9096
6	rs9362494	89141620	C	0.0733	0.05876	A	6.352	0.01173	1.267
6	rs10944413	89689765	A	0.3469	0.3273	G	3.012	0.08263	1.092
6	rs6903926	89794493	A	0.04855	0.06252	G	5.868	0.01542	0.7653
6	rs12216134	89976545	A	0.0387	0.04744	C	2.976	0.08451	0.8083
6	rs282129	90024217	A	0.3053	0.2825	G	4.383	0.03631	1.116
6	rs854908	90132550	A	0.07895	0.06483	C	5.55	0.01848	1.236
6	rs854917	90184109	G	0.2544	0.2773	A	4.536	0.03319	0.8893
6	rs2304895	90687853	A	0.1294	0.1437	G	2.887	0.08932	0.8857
6	rs10498965	91056323	G	0.1007	0.1203	A	6.327	0.01189	0.8192

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6	rs12529935	91071760	A	0.0903	0.1028	G	2.952	0.08578	0.8665
6	rs12195431	91076375	A	0.06612	0.07683	G	2.827	0.09268	0.8507
6	rs4707614	91138857	G	0.4364	0.4105	A	4.777	0.02884	1.112
6	rs2820350	91965885	A	0.1105	0.09419	C	5.311	0.02119	1.195
6	rs12204561	92708674	A	0.08048	0.09212	G	2.813	0.09352	0.8626
6	rs1353116	92785837	G	0.02068	0.02811	A	3.581	0.05844	0.7301
6	rs688198	93737778	A	0.1435	0.1605	G	3.709	0.05412	0.8765
6	rs796716	93746305	G	0.016	0.02327	A	4.159	0.0414	0.6822
6	rs1969811	93778968	G	0.1275	0.111	A	4.675	0.0306	1.17
6	rs575590	93977371	A	0.0743	0.08695	G	3.526	0.06042	0.8429
6	rs9363130	94679848	G	0.05728	0.04608	A	4.798	0.02849	1.258
6	rs1614143	94955976	A	0.03148	0.02514	G	2.755	0.09697	1.26
6	rs9354097	94963750	A	0.1643	0.1462	C	4.442	0.03507	1.148
6	rs6454996	95182195	A	0.1625	0.1471	G	3.261	0.07093	1.126
6	rs9490554	95964502	A	0.1156	0.1341	G	5.141	0.02336	0.8441
6	rs9321415	96319134	G	0.4804	0.4564	A	3.986	0.04589	1.101
6	rs7754801	96408208	A	0.2477	0.2659	G	2.96	0.08537	0.9088
6	rs1413524	97200813	A	0.07069	0.08891	C	7.215	0.007228	0.7795
6	rs6901358	97379127	G	0.04644	0.03481	A	6.714	0.009564	1.351
6	rs10485379	97640310	A	0.1259	0.1098	C	4.52	0.0335	1.168
6	rs10499016	98784866	G	0.1572	0.1737	A	3.309	0.06891	0.8871
6	rs158777	99066326	A	0.5134	0.4773	G	9.018	0.002673	1.156
6	rs1081025	99666494	A	0.04292	0.05361	C	3.965	0.04645	0.7915
6	rs9375997	99779873	C	0.3117	0.3372	A	5.061	0.02446	0.8899
6	rs17785525	99989284	A	0.1436	0.1703	G	8.821	0.002978	0.8169
6	rs10485222	100196569	G	0.1006	0.1153	A	3.667	0.0555	0.8588
6	rs4596491	100343587	A	0.1317	0.1131	G	5.879	0.01532	1.19
6	rs11155282	100699743	G	0.4442	0.4815	A	9.623	0.001922	0.8605
6	rs4840200	102433996	G	0.03977	0.03224	A	3.06	0.08026	1.243
6	rs9377426	103588781	A	0.3117	0.2821	G	7.372	0.006625	1.152
6	rs9390939	103591105	C	0.3024	0.3252	A	4.102	0.04284	0.8995
6	rs4433005	104410496	G	0.3101	0.2919	A	2.763	0.09648	1.091
6	rs4489183	104458054	G	0.1445	0.1287	A	3.808	0.05101	1.144
6	rs1624675	105737023	A	0.1451	0.1244	C	6.672	0.009793	1.195
6	rs6568370	105952224	C	0.07804	0.09692	A	7.106	0.007682	0.7887
6	rs9486077	105955716	A	0.06035	0.05121	G	2.89	0.08912	1.19
6	rs6927596	105960993	A	0.3197	0.3394	C	2.989	0.08385	0.9147
6	rs7765899	106003536	A	0.1517	0.1307	G	6.601	0.01019	1.189
6	rs1040664	106102241	C	0.02689	0.03454	A	3.098	0.07837	0.7723
6	rs3749923	106222478	A	0.06256	0.07875	C	6.352	0.01173	0.7807
6	rs12660517	106362406	A	0.07386	0.06392	G	2.802	0.09414	1.168
6	rs11966261	106409967	A	0.243	0.2233	G	3.834	0.05022	1.117
6	rs9373821	106513692	G	0.451	0.4794	A	5.585	0.01811	0.892
6	rs4946721	106631849	G	0.3259	0.3454	A	2.904	0.08834	0.9163
6	rs9320149	106667128	G	0.4185	0.4434	A	4.352	0.03697	0.9033
6	rs6910496	107209850	G	0.03977	0.04854	A	2.926	0.08718	0.8118

GNE_0369PR_TableS1									
6	rs3117389	107306932	A	0.5207	0.4946	G	4.685	0.03042	1.11
6	rs10457161	107611934	A	0.2745	0.2947	G	3.411	0.06475	0.9054
6	rs9320229	108155597	G	0.07688	0.06658	A	2.903	0.08841	1.168
6	rs928222	108940080	A	0.1378	0.1521	G	2.777	0.09563	0.8906
6	rs516515	109132809	G	0.05642	0.04758	A	2.908	0.08815	1.197
6	rs522611	109142089	G	0.2028	0.187	A	2.802	0.09413	1.106
6	rs4295520	110225132	C	0.02167	0.0309	A	5.072	0.02432	0.6946
6	rs4473902	110226960	C	0.08247	0.09533	A	3.337	0.06773	0.853
6	rs4601174	110281338	A	0.4143	0.435	C	2.997	0.0834	0.9189
6	rs2505031	110387311	A	0.05377	0.06486	C	3.552	0.05949	0.8194
6	rs9487336	110706886	A	0.06625	0.05698	G	2.706	0.09997	1.174
6	rs9400372	110761298	G	0.237	0.2551	A	2.972	0.08472	0.9071
6	rs17231299	110983654	G	0.06863	0.08636	A	7.023	0.008047	0.7795
6	rs10457239	111916489	A	0.1625	0.1445	G	4.485	0.0342	1.149
6	rs9320373	112071965	A	0.3532	0.329	G	4.56	0.03273	1.114
6	rs17072801	112072827	C	0.07438	0.08864	A	4.411	0.03571	0.8262
6	rs9487754	112343990	G	0.05527	0.04592	A	3.365	0.0666	1.215
6	rs12192364	112434731	A	0.0942	0.1065	G	2.782	0.09535	0.8722
6	rs1935704	112828477	A	0.1816	0.1633	G	4.224	0.03987	1.138
6	rs2346529	112991016	A	0.1053	0.08656	G	7.474	0.006259	1.242
6	rs11752346	113341636	A	0.1672	0.1517	G	3.168	0.07511	1.122
6	rs6940873	113502639	A	0.2406	0.2222	G	3.354	0.06703	1.11
6	rs509687	113807416	G	0.04644	0.03335	A	8.796	0.003019	1.411
6	rs1519686	114553816	A	0.2534	0.2351	G	3.165	0.07523	1.104
6	rs9488329	114554296	G	0.1424	0.1575	A	2.988	0.08387	0.8882
6	rs17193496	114656233	A	0.1126	0.1286	G	3.979	0.04606	0.8599
6	rs12214384	116478323	A	0.1387	0.1167	G	7.986	0.004714	1.22
6	rs9488991	117058371	C	0.03767	0.04922	A	5.042	0.02474	0.7561
6	rs1305430	117639065	G	0.1656	0.1489	A	3.751	0.05278	1.134
6	rs1931229	117655790	A	0.2617	0.28	G	2.879	0.08977	0.9113
6	rs10434878	117886095	A	0.03461	0.02538	G	5.719	0.01678	1.377
6	rs12210025	119090617	C	0.0903	0.07905	A	2.956	0.08554	1.156
6	rs3819728	119549753	A	0.2384	0.26	G	4.219	0.03998	0.8908
6	rs1474780	120356562	G	0.2466	0.2246	A	4.765	0.02905	1.13
6	rs12661222	120494328	G	0.09598	0.1094	A	3.216	0.07292	0.8645
6	rs2817937	121140156	G	0.07471	0.08933	A	4.553	0.03287	0.8231
6	rs6901938	121795573	G	0.05584	0.0467	A	3.169	0.07507	1.207
6	rs1324093	121899308	C	0.04814	0.0389	A	3.833	0.05026	1.25
6	rs10499114	122118688	A	0.07291	0.05936	G	5.528	0.01871	1.246
6	rs12197250	122230092	A	0.1775	0.1962	G	3.874	0.04904	0.8839
6	rs763075	122253219	A	0.4302	0.4579	C	5.33	0.02096	0.8938
6	rs6899351	123150805	G	0.2523	0.2857	A	9.496	0.00206	0.8437
6	rs9375185	123160199	G	0.1558	0.1735	A	3.778	0.05193	0.8795
6	rs9375226	123521158	C	0.2559	0.2388	A	2.779	0.09549	1.097
6	rs6916837	123523610	G	0.1094	0.125	A	3.867	0.04926	0.8602
6	rs12198841	123638291	A	0.07955	0.06785	G	3.664	0.05561	1.187

GNE_0369PR_TableS1									
6	rs4897436	124073761	A	0.06192	0.07688	G	5.55	0.01849	0.7926
6	rs342626	124164654	G	0.1404	0.1648	A	7.581	0.005899	0.8275
6	rs9490951	124186215	A	0.1176	0.1319	C	3.112	0.07772	0.8772
6	rs9490959	124195457	A	0.03261	0.02437	C	4.741	0.02946	1.349
6	rs6569364	124199951	A	0.2138	0.2333	G	3.686	0.05489	0.8937
6	rs1490352	124201137	G	0.2526	0.235	A	2.94	0.0864	1.1
6	rs12203197	124378650	G	0.1032	0.08845	A	4.578	0.03238	1.186
6	rs9320975	124438430	C	0.02902	0.03763	A	3.607	0.05755	0.7643
6	rs611547	124986900	A	0.1774	0.1952	G	3.501	0.06132	0.889
6	rs12214828	125163161	A	0.09598	0.08373	G	3.326	0.06819	1.162
6	rs577906	127872012	G	0.3395	0.3207	A	2.805	0.09397	1.089
6	rs4073126	129217577	C	0.4458	0.4726	A	4.969	0.0258	0.8977
6	rs10447440	129596641	C	0.172	0.1564	A	3.143	0.07627	1.12
6	rs2297741	129826975	A	0.1486	0.1251	G	8.576	0.003406	1.221
6	rs7768656	130079567	G	0.0614	0.07534	A	4.9	0.02686	0.8029
6	rs11154524	130507094	A	0.0356	0.04466	G	3.389	0.06564	0.7897
6	rs7765542	131475154	A	0.167	0.1513	G	3.25	0.07142	1.124
6	rs6569733	131499350	G	0.1698	0.1485	A	6.117	0.01339	1.173
6	rs12206629	131507681	A	0.2503	0.2691	C	3.112	0.07772	0.9068
6	rs722027	131779347	G	0.1305	0.1172	A	2.927	0.08713	1.131
6	rs17060391	131925805	G	0.0439	0.03511	A	3.834	0.05021	1.262
6	rs1029122	132291834	G	0.4262	0.4061	A	2.89	0.08912	1.086
6	rs8192619	133008041	A	0.06075	0.04883	G	5.12	0.02366	1.26
6	rs17604042	133060394	G	0.1264	0.1426	A	3.718	0.05382	0.8703
6	rs2025705	133820854	G	0.2307	0.2068	A	5.952	0.0147	1.15
6	rs9389085	133907157	G	0.1126	0.09945	A	3.286	0.06987	1.149
6	rs4437491	133911502	G	0.517	0.4922	A	4.262	0.03897	1.105
6	rs2758152	134530606	A	0.13	0.1165	C	3.047	0.0809	1.134
6	rs9376020	134600782	A	0.2313	0.2132	C	3.31	0.06886	1.111
6	rs1743939	134602211	G	0.1298	0.1093	A	7.311	0.006854	1.216
6	rs4896033	134619419	A	0.02632	0.01997	G	3.437	0.06376	1.327
6	rs9494187	135616823	G	0.01342	0.02252	A	6.79	0.009168	0.5903
6	rs6904104	135994445	G	0.05986	0.07574	A	6.356	0.0117	0.7769
6	rs9402839	137036903	A	0.113	0.1307	G	4.791	0.02861	0.8477
6	rs11758584	137197619	A	0.04747	0.03873	G	3.459	0.06292	1.237
6	rs17066096	137494601	G	0.2293	0.2494	A	3.726	0.05359	0.8956
6	rs9494674	137520117	G	0.05366	0.07352	A	10.27	0.001355	0.7146
6	rs4613838	137728538	A	0.1254	0.14	C	3.105	0.07805	0.8804
6	rs932220	137728923	A	0.05934	0.04845	C	4.332	0.03739	1.239
6	rs9321616	137882761	G	0.04438	0.05526	A	3.996	0.04561	0.7939
6	rs654039	138156959	G	0.4665	0.4421	A	4.161	0.04136	1.103
6	rs6908176	138371323	G	0.07911	0.09093	A	2.949	0.08591	0.8588
6	rs9373206	138376989	G	0.4303	0.463	A	7.425	0.006431	0.876
6	rs2484066	138458811	A	0.426	0.4471	C	3.115	0.07757	0.9176
6	rs1883468	138518724	C	0.4205	0.4426	A	3.422	0.06432	0.9137
6	rs1145972	138593347	A	0.3736	0.3526	G	3.306	0.06904	1.095

GNE_0369PR_TableS1									
6	rs203136	138647945	C	0.3292	0.3546	A	4.862	0.02746	0.8934
6	rs926406	138660321	A	0.0516	0.06614	G	6.042	0.01397	0.7682
6	rs9402970	138673744	A	0.2126	0.2294	G	2.776	0.0957	0.9069
6	rs4576272	138947550	G	0.08705	0.0737	A	4.406	0.03582	1.198
6	rs10085225	138985624	A	0.1123	0.09797	C	3.95	0.04687	1.165
6	rs911081	139171906	G	0.3397	0.3207	A	2.841	0.09188	1.09
6	rs9495378	139564988	A	0.3318	0.3103	G	3.709	0.05414	1.104
6	rs11964802	139658229	G	0.2997	0.2765	A	4.595	0.03206	1.12
6	rs6925036	139671831	G	0.1192	0.101	A	6.198	0.01279	1.205
6	rs6925308	139701784	A	0.1347	0.1496	G	3.046	0.08094	0.8847
6	rs11155067	139776067	G	0.1723	0.1898	A	3.436	0.06379	0.889
6	rs3010298	139835013	A	0.1519	0.138	G	2.774	0.09578	1.119
6	rs9389724	140195904	A	0.2456	0.2698	G	5.146	0.0233	0.8813
6	rs12525269	143160408	A	0.06244	0.07325	G	3.016	0.08246	0.8426
6	rs2328457	143525403	G	0.5165	0.4942	A	3.432	0.06396	1.093
6	rs223614	143769655	G	0.1017	0.08559	A	5.582	0.01814	1.209
6	rs11155304	143944849	G	0.1068	0.09299	A	3.851	0.04972	1.166
6	rs2295202	144136641	G	0.07851	0.09356	A	4.676	0.03059	0.8255
6	rs4896684	144246303	G	0.08772	0.07333	A	5.157	0.02315	1.215
6	rs2502626	144632341	G	0.4217	0.4	A	3.349	0.06724	1.094
6	rs9321974	144782012	A	0.4644	0.4849	G	2.893	0.08894	0.9212
6	rs12525249	146300431	A	0.03612	0.04568	G	3.698	0.05447	0.7829
6	rs10872587	146707117	G	0.339	0.3194	A	3.026	0.08194	1.093
6	rs979775	146767662	A	0.1471	0.1228	G	9.275	0.002323	1.232
6	rs9377007	146953123	G	0.08359	0.07088	A	4.155	0.04151	1.196
6	rs12525635	147150025	G	0.2833	0.2625	A	3.841	0.05002	1.111
6	rs1529012	147492332	A	0.06283	0.0517	G	4.172	0.04109	1.23
6	rs9373528	147979324	A	0.0424	0.05395	G	4.604	0.03189	0.7764
6	rs2493926	148655960	G	0.1183	0.1054	A	3.016	0.08245	1.139
6	rs12663264	148869946	A	0.04287	0.05357	G	3.973	0.04625	0.7914
6	rs759106	148897155	G	0.06708	0.08083	A	4.468	0.03453	0.8176
6	rs9689438	148901826	A	0.3645	0.3449	G	2.918	0.08762	1.089
6	rs9403990	149209898	C	0.3142	0.2893	A	5.174	0.02292	1.126
6	rs17666421	149297353	G	0.04597	0.03721	A	3.605	0.05762	1.247
6	rs531486	149660097	A	0.2712	0.2516	G	3.505	0.0612	1.107
6	rs426133	149839810	G	0.04984	0.03874	A	5.521	0.01879	1.302
6	rs2281437	150567106	A	0.06502	0.07688	C	3.476	0.06227	0.835
6	rs9478132	151099736	A	0.06095	0.07144	G	2.901	0.08852	0.8437
6	rs4869986	151464029	G	0.03715	0.02797	A	5.174	0.02293	1.341
6	rs12661373	151471744	A	0.2564	0.2751	G	3.039	0.08128	0.9086
6	rs7771304	151494051	C	0.1028	0.08662	A	5.593	0.01803	1.208
6	rs9371507	151659071	A	0.05837	0.04687	G	4.973	0.02575	1.26
6	rs12205375	151682694	A	0.04752	0.06094	G	5.546	0.01852	0.7688
6	rs6557164	152044625	A	0.1658	0.1405	C	9.017	0.002674	1.216
6	rs9371554	152133458	C	0.05418	0.04043	A	8.116	0.004387	1.36
6	rs2982683	152340128	A	0.3148	0.291	G	4.7	0.03017	1.119

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6	rs9341052	152458318	G	0.08566	0.07097	A	5.524	0.01876	1.226
6	rs2228480	152461788	A	0.1945	0.1773	G	3.496	0.0615	1.121
6	rs2813504	152537536	G	0.3481	0.378	A	6.575	0.01034	0.8787
6	rs9479283	152644902	A	0.06089	0.07122	G	2.826	0.09274	0.8455
6	rs9371582	152674516	A	0.1699	0.1904	G	4.711	0.02996	0.8707
6	rs9384084	153557485	A	0.03199	0.04038	G	3.206	0.07338	0.7853
6	rs1479438	153673811	A	0.4397	0.4176	G	3.438	0.06371	1.094
6	rs476003	153917592	A	0.1854	0.1701	G	2.831	0.09244	1.11
6	rs2065139	154233868	G	0.09223	0.1073	A	4.12	0.04239	0.8455
6	rs3798683	154460107	A	0.1533	0.1685	G	2.875	0.08996	0.8933
6	rs518596	154504070	G	0.4173	0.3952	A	3.505	0.06119	1.096
6	rs2038156	154713012	A	0.2126	0.2309	G	3.271	0.07053	0.8994
6	rs4352688	154846342	G	0.3084	0.327	A	2.717	0.09928	0.9177
6	rs9479923	155012248	G	0.1775	0.196	A	3.777	0.05196	0.8852
6	rs7738774	155039245	G	0.1027	0.1208	A	5.415	0.01996	0.8327
6	rs6557380	155259281	A	0.02993	0.02309	G	3.471	0.06245	1.306
6	rs1123928	155271258	A	0.2993	0.3217	G	3.99	0.04576	0.9005
6	rs9478621	155555751	G	0.4262	0.4475	A	3.152	0.07582	0.9173
6	rs2352423	155581922	G	0.3755	0.3555	A	2.996	0.08349	1.09
6	rs12529366	155657040	G	0.1259	0.1121	A	3.261	0.07097	1.141
6	rs12661812	155813289	A	0.1001	0.08656	G	3.944	0.04704	1.174
6	rs4870376	155856226	A	0.03361	0.04523	C	5.533	0.01866	0.7342
6	rs12207602	156126200	A	0.1507	0.1323	G	5.021	0.02505	1.164
6	rs9480206	156149522	A	0.305	0.3288	C	4.455	0.03481	0.8958
6	rs11156061	156201044	A	0.141	0.127	G	3.027	0.08187	1.129
6	rs12665291	156393753	A	0.178	0.1633	C	2.724	0.09886	1.11
6	rs10499290	156474099	A	0.1169	0.1304	G	2.822	0.09301	0.8822
6	rs7746475	156489121	G	0.275	0.2518	A	4.916	0.02661	1.127
6	rs9480304	156662016	G	0.428	0.4058	A	3.487	0.06184	1.095
6	rs1377973	156739373	C	0.1477	0.1633	A	3.098	0.0784	0.8877
6	rs2603450	156761806	G	0.09242	0.1046	A	2.763	0.09646	0.8714
6	rs288968	156916426	A	0.1171	0.1313	G	3.088	0.07887	0.8772
6	rs1750043	158382494	G	0.5021	0.4819	A	2.799	0.09434	1.084
6	rs9348087	158518462	A	0.2487	0.2673	G	3.066	0.07992	0.9073
6	rs644637	158544802	A	0.3158	0.3419	G	5.258	0.02184	0.8883
6	rs17504391	158837152	A	0.1053	0.1204	C	3.773	0.05209	0.8596
6	rs3127158	159182941	G	0.1091	0.09297	A	5.224	0.02228	1.195
6	rs10945563	159202847	A	0.3387	0.318	C	3.377	0.06611	1.098
6	rs9457509	159237500	A	0.2033	0.2343	G	9.325	0.00226	0.834
6	rs409359	159864986	G	0.452	0.4874	A	8.654	0.003264	0.8675
6	rs538056	159869859	G	0.3965	0.3664	A	6.683	0.009734	1.136
6	rs6902339	160167239	C	0.4549	0.481	A	4.701	0.03014	0.9004
6	rs9457733	160175233	A	0.275	0.2556	C	3.408	0.06489	1.105
6	rs1003737	160350646	C	0.4768	0.4349	A	12.27	0.0004601	1.184
6	rs1479355	160450616	G	0.2281	0.2503	A	4.568	0.03258	0.885
6	rs628031	160480835	A	0.4226	0.3993	G	3.906	0.04813	1.101

GNE_0369PR_TableS1									
6	rs13211741	161766644	G	0.4505	0.4927	A	12.31	0.0004507	0.8441
6	rs17647823	161789682	A	0.1839	0.2044	C	4.515	0.0336	0.8768
6	rs6902304	162291695	A	0.06043	0.07511	C	5.451	0.01956	0.7921
6	rs13202401	163119757	A	0.1213	0.1084	G	2.928	0.08708	1.135
6	rs4708983	163588642	G	0.2797	0.3048	A	5.187	0.02276	0.8854
6	rs9458781	163641174	G	0.4451	0.4664	A	3.133	0.07671	0.9178
6	rs12529659	163652929	G	0.09556	0.112	A	4.773	0.02892	0.8374
6	rs9346956	163654194	A	0.4483	0.4177	G	6.643	0.00956	1.133
6	rs1541143	163707358	A	0.1054	0.08679	G	7.353	0.006696	1.239
6	rs9458855	163888662	C	0.05062	0.03549	A	11.04	0.0008933	1.449
6	rs7776279	163919760	G	0.2554	0.2797	A	5.091	0.02405	0.8833
6	rs1407658	163994832	A	0.05573	0.04597	G	3.661	0.05571	1.225
6	rs4709756	164093652	G	0.3096	0.3381	A	6.285	0.01217	0.878
6	rs12205431	164273051	A	0.1767	0.1585	G	4.214	0.04009	1.139
6	rs12173338	164455240	A	0.1084	0.1221	G	3.085	0.07904	0.8735
6	rs1476041	164539850	A	0.07772	0.08917	G	2.808	0.09381	0.8608
6	rs10214423	164593304	G	0.12	0.1029	A	5.368	0.02051	1.189
6	rs6903174	164846973	A	0.4367	0.4573	C	2.924	0.08729	0.9202
6	rs1979781	164892309	A	0.2451	0.2219	C	5.311	0.0212	1.138
6	rs4709050	164893857	G	0.3175	0.3401	A	3.88	0.04888	0.9029
6	rs6924121	165249220	G	0.2869	0.3099	A	4.278	0.0386	0.896
6	rs12526448	165438948	A	0.03099	0.04264	G	5.9	0.01514	0.718
6	rs16897566	165560007	A	0.1294	0.1149	G	3.512	0.06092	1.145
6	rs9459407	165712979	G	0.07792	0.09261	A	4.501	0.03387	0.828
6	rs572280	165718058	A	0.3916	0.3689	C	3.815	0.0508	1.101
6	rs9457084	165718953	G	0.2257	0.2434	A	2.936	0.08661	0.9063
6	rs4709946	165866762	G	0.03973	0.05197	A	5.378	0.02039	0.7547
6	rs11961593	166084127	A	0.08359	0.07128	G	3.88	0.04886	1.188
6	rs4472324	166262640	G	0.1556	0.1722	A	3.348	0.0673	0.8858
6	rs9347111	166512059	A	0.03048	0.03898	G	3.407	0.06493	0.775
6	rs6456056	166539983	G	0.343	0.3633	A	3.082	0.07917	0.9149
6	rs729887	166614698	A	0.2453	0.2272	G	3.199	0.07369	1.106
6	rs3778430	166836547	G	0.1844	0.2021	A	3.367	0.06653	0.8923
6	rs3799631	166880144	G	0.3323	0.3552	A	3.959	0.04662	0.9035
6	rs3823202	166897599	A	0.03044	0.03798	G	2.74	0.09784	0.7953
6	rs11755586	166906757	G	0.306	0.3375	A	7.715	0.005476	0.8653
6	rs2274552	167089088	A	0.3115	0.3342	G	4.027	0.04478	0.9011
6	rs1015077	167446496	G	0.07585	0.0898	A	4.171	0.04113	0.8319
6	rs206990	167618759	A	0.3431	0.3233	G	3.106	0.07799	1.094
6	rs3823455	168072253	G	0.09649	0.1108	A	3.648	0.05614	0.8568
6	rs454629	168162650	A	0.3636	0.3884	C	4.447	0.03496	0.8999
6	rs7753203	168224721	A	0.1204	0.1026	G	5.788	0.01614	1.197
6	rs4708652	168260428	A	0.3251	0.3634	G	11	0.0009133	0.8436
6	rs4708702	168376820	A	0.1463	0.1644	C	4.124	0.04229	0.8714
6	rs3800537	168442889	G	0.1398	0.1211	A	5.629	0.01767	1.18
6	rs747994	168673607	A	0.1749	0.1575	C	3.887	0.04865	1.134

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6	rs6459662	169908215	A	0.1273	0.1085	C	6.211	0.01269	1.199
6	rs4134409	170021583	A	0.1236	0.1388	G	3.382	0.06589	0.8747
6	rs12192239	170359373	G	0.2433	0.2622	A	3.218	0.07283	0.9045
6	rs6456183	170388235	A	0.2927	0.2664	G	6.026	0.01409	1.139
6	rs11755081	170580626	A	0.2069	0.191	C	2.801	0.09422	1.105
7	rs9639696	1011464	G	0.2915	0.3115	A	3.215	0.07297	0.9096
7	rs17151792	1187626	A	0.2585	0.2369	G	4.418	0.03555	1.123
7	rs2734791	1284059	A	0.3941	0.372	G	3.605	0.05761	1.098
7	rs3934914	1377076	A	0.3619	0.3842	G	3.598	0.05785	0.9094
7	rs3778995	2142397	G	0.09928	0.114	A	3.75	0.05281	0.8565
7	rs6972852	2424235	A	0.2116	0.194	G	3.378	0.06607	1.115
7	rs2969078	2445555	G	0.2828	0.2564	A	6.26	0.01235	1.144
7	rs2895	2535296	G	0.1022	0.08949	A	3.358	0.06687	1.158
7	rs208353	2748678	A	0.06347	0.07496	G	3.341	0.06759	0.8362
7	rs1713918	2910713	A	0.5046	0.4778	C	4.977	0.02569	1.113
7	rs17132922	3063849	A	0.3638	0.3316	C	8.03	0.0046	1.153
7	rs11762282	3118642	A	0.03664	0.04922	G	6	0.0143	0.7346
7	rs602780	4180097	A	0.1491	0.126	G	8.245	0.004087	1.216
7	rs7783393	4202023	C	0.03612	0.04585	A	3.817	0.05073	0.7799
7	rs666121	4216566	A	0.1213	0.1075	G	3.374	0.06625	1.146
7	rs11761645	4232181	A	0.1987	0.1798	G	4.111	0.0426	1.131
7	rs610962	4232905	A	0.4412	0.4163	G	4.38	0.03636	1.107
7	rs584586	4241188	C	0.1047	0.1178	A	2.878	0.08981	0.8758
7	rs13228414	4265151	G	0.2322	0.2133	A	3.645	0.05625	1.115
7	rs2097884	4318943	C	0.2817	0.2619	A	3.495	0.06155	1.105
7	rs314592	4450533	C	0.07018	0.08365	A	4.154	0.04153	0.8267
7	rs11971741	4497466	G	0.4348	0.4583	A	3.853	0.04967	0.909
7	rs1001396	4685157	G	0.06811	0.0805	A	3.631	0.05671	0.8349
7	rs10278352	5847819	A	0.1384	0.1582	G	5.108	0.02381	0.855
7	rs308074	5857747	G	0.07379	0.06262	A	3.599	0.05783	1.193
7	rs11764399	6301272	G	0.1533	0.1351	A	4.797	0.02851	1.159
7	rs7802183	6314869	A	0.1285	0.1113	C	5.036	0.02483	1.177
7	rs6962646	6338563	A	0.235	0.2152	G	3.994	0.04566	1.121
7	rs10230651	7654548	A	0.2598	0.2353	G	5.692	0.01705	1.14
7	rs6463715	7765253	A	0.05446	0.06444	G	2.883	0.0895	0.8362
7	rs4725037	7821331	A	0.105	0.09256	G	3.115	0.07757	1.15
7	rs7812102	7873185	A	0.1099	0.09704	G	3.22	0.07274	1.149
7	rs17139263	7904124	A	0.1312	0.1463	G	3.163	0.07531	0.8814
7	rs11764675	7951758	A	0.2224	0.2516	G	7.878	0.005005	0.8508
7	rs17140599	7953662	G	0.05901	0.04868	A	3.874	0.04904	1.225
7	rs9648623	8064665	A	0.195	0.1784	G	3.246	0.07159	1.116
7	rs7797010	8296287	A	0.0656	0.07743	C	3.429	0.06408	0.8365
7	rs2057789	8688285	G	0.3729	0.3475	A	4.884	0.0271	1.117
7	rs17157252	8928558	G	0.02012	0.02652	A	2.804	0.09404	0.754
7	rs13246476	9160323	G	0.06095	0.07498	A	4.987	0.02554	0.8007
7	rs9639053	9189194	G	0.3289	0.3087	A	3.258	0.07108	1.097

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7	rs6963754	9292495	G	0.2376	0.2177	A	3.969	0.04634	1.12
7	rs11773271	9354423	C	0.5031	0.4814	A	3.262	0.0709	1.091
7	rs1032869	9668676	C	0.03806	0.04787	A	3.685	0.05489	0.787
7	rs6976386	9704036	G	0.1417	0.1281	A	2.82	0.09307	1.124
7	rs2159717	9843004	G	0.2549	0.2289	A	6.541	0.01054	1.152
7	rs972124	9860269	G	0.3411	0.3635	A	3.755	0.05264	0.9064
7	rs10269232	10442565	G	0.2603	0.2384	A	4.518	0.03353	1.124
7	rs7788107	11198708	G	0.1557	0.1722	A	3.275	0.07036	0.8868
7	rs10281406	11265154	A	0.06736	0.07815	G	2.819	0.09317	0.8519
7	rs1526555	11772814	A	0.08574	0.1117	C	11.95	0.0005458	0.746
7	rs4721042	12137021	C	0.4912	0.4676	A	3.838	0.05011	1.099
7	rs1432499	13386966	G	0.1832	0.167	A	3.219	0.07279	1.119
7	rs6956462	13760728	G	0.1462	0.1623	A	3.308	0.06896	0.8839
7	rs2190324	13865971	A	0.1166	0.13	G	2.775	0.09573	0.8831
7	rs17167656	13927831	A	0.07313	0.08445	G	2.883	0.08952	0.8554
7	rs10267619	14105124	C	0.1586	0.1735	A	2.712	0.09961	0.8975
7	rs17167877	14121363	A	0.02374	0.03074	G	2.912	0.08793	0.7666
7	rs1013986	14155893	C	0.1223	0.1387	A	3.949	0.0469	0.8649
7	rs7796440	14159197	G	0.436	0.4153	A	3.013	0.08258	1.088
7	rs10267619	14335819	A	0.2977	0.2753	G	4.342	0.03718	1.116
7	rs10487790	15009432	G	0.1224	0.14	A	4.458	0.03473	0.8572
7	rs6962150	15192064	A	0.178	0.1938	C	2.754	0.09701	0.9012
7	rs12699708	15369491	G	0.44	0.4628	A	3.595	0.05795	0.9121
7	rs37414	15748618	G	0.09701	0.08464	A	3.359	0.06683	1.162
7	rs12699786	16372797	A	0.2073	0.1868	G	4.662	0.03084	1.138
7	rs9639262	16508889	G	0.05212	0.04363	A	2.916	0.08773	1.205
7	rs516925	16559608	G	0.4659	0.4905	A	4.151	0.04161	0.9064
7	rs562687	16587453	G	0.3666	0.3412	A	4.9	0.02686	1.117
7	rs1721019	16970826	A	0.4255	0.3963	C	6.098	0.01354	1.128
7	rs7455312	17090466	G	0.2252	0.199	A	7.372	0.006626	1.17
7	rs1476081	17245819	A	0.2627	0.2821	C	3.239	0.0719	0.9064
7	rs1059786	17472831	G	0.2656	0.2344	A	9.175	0.002453	1.181
7	rs1448666	17488211	A	0.3709	0.4	G	6.112	0.01343	0.8842
7	rs9638747	17507329	A	0.4345	0.4548	G	2.892	0.08903	0.9208
7	rs1375238	17532923	A	0.343	0.3674	G	4.449	0.03492	0.8987
7	rs7808162	18076638	G	0.07121	0.06134	A	2.871	0.09019	1.173
7	rs12666612	18341770	G	0.08333	0.09515	A	2.81	0.0937	0.8645
7	rs11520752	18358908	C	0.1125	0.1324	A	6.02	0.01414	0.8308
7	rs2106506	18597048	C	0.1489	0.1705	A	5.729	0.01669	0.8513
7	rs2519890	18646059	A	0.1646	0.1472	G	4.099	0.0429	1.141
7	rs2526640	18981368	A	0.2365	0.2126	G	5.813	0.01591	1.147
7	rs2191892	19293613	A	0.05418	0.04312	G	4.977	0.02569	1.271
7	rs12700063	19619674	G	0.3586	0.3304	A	6.186	0.01287	1.133
7	rs11768339	19808270	A	0.0356	0.05186	G	9.583	0.001964	0.675
7	rs6954985	20081114	G	0.2067	0.1869	A	4.401	0.03591	1.134
7	rs12700171	20301731	A	0.1078	0.09459	G	3.489	0.06178	1.157

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7	rs3095203	20304041	A	0.3906	0.3713	G	2.755	0.09694	1.085
7	rs10241028	21489662	G	0.1173	0.1006	A	5.225	0.02227	1.188
7	rs7779983	21621127	G	0.453	0.4754	A	3.465	0.06267	0.9139
7	rs6461593	21670530	G	0.1878	0.1727	A	2.742	0.09772	1.108
7	rs16872875	21732562	A	0.05108	0.06514	C	5.724	0.01673	0.7726
7	rs4722051	21747268	A	0.04508	0.0374	G	2.759	0.0967	1.215
7	rs7301	22124911	A	0.1775	0.1956	G	3.604	0.05763	0.8877
7	rs16873182	22220689	G	0.2307	0.2132	A	3.1	0.07829	1.106
7	rs7785685	22367163	A	0.3168	0.3417	G	4.776	0.02886	0.8933
7	rs17298707	22484519	A	0.1162	0.1322	G	3.891	0.04854	0.8631
7	rs17146982	22495093	G	0.2905	0.3125	A	3.891	0.04853	0.9009
7	rs2103109	22783428	C	0.499	0.4785	A	2.874	0.09001	1.085
7	rs6955303	24864379	A	0.1975	0.1797	G	3.665	0.05557	1.123
7	rs7800352	24880155	A	0.1089	0.126	G	4.647	0.03111	0.8476
7	rs10486440	24929276	A	0.2198	0.2009	G	3.814	0.05082	1.121
7	rs12673405	25252924	A	0.02425	0.03141	G	2.98	0.08429	0.7664
7	rs6966737	25320602	A	0.0656	0.08258	C	6.699	0.009649	0.7799
7	rs1859818	25451167	A	0.2386	0.2207	G	3.213	0.07304	1.107
7	rs9638826	25521381	A	0.2913	0.3172	G	5.374	0.02044	0.8847
7	rs731008	25527037	A	0.07637	0.09412	G	6.495	0.01082	0.7958
7	rs2960820	25568005	G	0.1147	0.1017	A	3.134	0.07666	1.144
7	rs286695	25797953	A	0.2371	0.2576	G	3.798	0.05132	0.8958
7	rs1993094	25811535	G	0.1209	0.1405	A	5.585	0.01812	0.8409
7	rs10951129	26249181	A	0.2696	0.241	C	7.673	0.005606	1.163
7	rs4722596	26457759	A	0.1166	0.1032	G	3.304	0.06912	1.147
7	rs10240247	26526017	A	0.04339	0.05418	C	3.998	0.04554	0.7918
7	rs11563582	27318175	A	0.06729	0.08008	G	3.886	0.0487	0.8287
7	rs7801967	28211820	A	0.1207	0.108	G	2.862	0.09071	1.134
7	rs6955105	28409814	G	0.2647	0.2909	A	5.754	0.01645	0.8777
7	rs42733	28428869	G	0.06192	0.07414	A	3.82	0.05064	0.8242
7	rs4722806	28500640	A	0.1655	0.1472	G	4.466	0.03457	1.148
7	rs2391671	28518902	G	0.2433	0.2616	A	3.001	0.08321	0.9076
7	rs216708	28522827	G	0.4448	0.4663	A	3.21	0.0732	0.9169
7	rs310361	28607509	A	0.1047	0.119	G	3.374	0.06623	0.8663
7	rs1637457	28615963	G	0.2882	0.3175	A	6.856	0.008836	0.8705
7	rs41307	28641379	G	0.4777	0.4985	A	2.964	0.08513	0.9202
7	rs7803931	28724136	A	0.04334	0.05717	C	6.279	0.01222	0.7471
7	rs7777049	28875208	A	0.3901	0.3704	G	2.852	0.09128	1.087
7	rs1006514	28927846	A	0.1925	0.2162	G	5.732	0.01666	0.8645
7	rs1695515	28931593	A	0.1639	0.1826	G	4.054	0.04407	0.8777
7	rs245908	29175877	A	0.3631	0.3369	G	5.246	0.022	1.122
7	rs245974	29262381	G	0.453	0.4309	A	3.417	0.06453	1.094
7	rs7781480	29341093	G	0.2423	0.2247	A	3.044	0.08102	1.103
7	rs12534213	29423016	G	0.1844	0.2128	A	8.381	0.003791	0.8364
7	rs10499587	29601630	G	0.1959	0.1763	A	4.469	0.03452	1.138
7	rs11773326	29602413	G	0.05366	0.07093	A	8.002	0.004672	0.7428

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7	rs4719982	29776979	A	0.07224	0.05936	G	5.015	0.02513	1.234
7	rs38402	30493888	G	0.03357	0.02483	A	5.248	0.02197	1.365
7	rs6966354	30754323	A	0.1053	0.08757	C	6.625	0.01006	1.226
7	rs10227423	30767204	A	0.114	0.1356	C	6.969	0.008292	0.8203
7	rs17781398	30807966	A	0.08411	0.09808	G	3.836	0.05016	0.8445
7	rs1001733	30904692	A	0.1689	0.185	G	2.971	0.08479	0.8955
7	rs12668955	31082693	G	0.5109	0.4794	A	6.809	0.00907	1.134
7	rs17160070	31310656	A	0.4453	0.4247	G	2.989	0.08385	1.087
7	rs2191888	31349029	C	0.1434	0.1646	A	5.695	0.01701	0.8498
7	rs13231468	31373966	A	0.1182	0.1364	G	4.917	0.0266	0.8486
7	rs1860790	31822103	G	0.01496	0.02134	A	3.467	0.06262	0.6967
7	rs13311608	32966126	G	0.5046	0.4785	A	4.722	0.02978	1.11
7	rs6979471	33504459	A	0.1849	0.2024	G	3.275	0.07036	0.8938
7	rs1362927	33783234	G	0.163	0.1483	A	2.933	0.0868	1.119
7	rs973766	34099575	A	0.3131	0.2892	G	4.775	0.02888	1.121
7	rs4141790	34151737	G	0.1932	0.2195	A	7.051	0.007923	0.8512
7	rs235397	35339274	G	0.2688	0.2509	A	2.939	0.08646	1.098
7	rs6979267	35571550	G	0.1329	0.1171	A	4.108	0.04268	1.156
7	rs10249851	36028009	G	0.03771	0.04614	A	2.838	0.09206	0.8101
7	rs2247298	36617786	A	0.2064	0.1879	G	3.842	0.04999	1.124
7	rs7794818	36651737	G	0.3666	0.3911	A	4.365	0.03668	0.901
7	rs759416	36757479	A	0.3244	0.3469	G	3.886	0.0487	0.9037
7	rs17329410	36816235	G	0.1398	0.1253	A	3.304	0.06911	1.135
7	rs6965152	36878018	G	0.1064	0.123	A	4.48	0.03429	0.8487
7	rs1882086	36941605	C	0.2446	0.2623	A	2.805	0.09399	0.9107
7	rs2392477	36952066	G	0.3461	0.3669	A	3.224	0.07255	0.9132
7	rs17170881	37109099	G	0.04489	0.05744	A	5.13	0.02351	0.7713
7	rs12701550	37188025	G	0.1379	0.1547	A	3.756	0.05261	0.874
7	rs10245068	37331759	A	0.1007	0.1162	C	4.083	0.04332	0.8517
7	rs6953248	38322940	C	0.1549	0.1776	A	6.107	0.01347	0.849
7	rs2240851	38330454	A	0.2536	0.2821	G	6.951	0.008376	0.8647
7	rs893412	38552748	A	0.1058	0.1247	C	5.74	0.01658	0.8303
7	rs1540481	38560159	A	0.4742	0.5029	G	5.695	0.01702	0.8914
7	rs4427071	38563137	G	0.4575	0.4787	A	3.112	0.0777	0.9181
7	rs4720292	38569492	G	0.08446	0.1012	A	5.406	0.02006	0.8189
7	rs4146043	38584210	A	0.02167	0.03278	G	6.967	0.008305	0.6536
7	rs9918553	38640358	G	0.2725	0.2481	A	5.472	0.01932	1.135
7	rs17171431	38680197	A	0.1295	0.1113	G	5.725	0.01673	1.188
7	rs11984145	38801560	A	0.05418	0.06513	G	3.458	0.06294	0.8222
7	rs1859936	38809229	G	0.03667	0.04522	A	2.973	0.08465	0.8039
7	rs6964498	38920404	A	0.1347	0.1564	G	6.242	0.01248	0.8396
7	rs13222598	38962960	C	0.07792	0.0903	A	3.264	0.07081	0.8513
7	rs4723884	39615800	A	0.1713	0.1886	G	3.386	0.06574	0.8895
7	rs11561862	39852066	G	0.1971	0.1816	A	2.783	0.09524	1.107
7	rs10229414	40452474	G	0.1255	0.1112	A	3.548	0.05962	1.148
7	rs1203725	40719956	G	0.03457	0.04676	A	5.912	0.01503	0.73

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7	rs10241209	40905606	A	0.08187	0.09651	C	4.294	0.03826	0.8347
7	rs13239481	41036667	A	0.4649	0.4444	G	2.918	0.08762	1.086
7	rs2158560	41218719	G	0.03174	0.04053	A	3.483	0.062	0.776
7	rs6964760	41269509	G	0.3357	0.3551	A	2.824	0.09284	0.918
7	rs718224	41279517	A	0.2673	0.2888	G	3.915	0.04787	0.8982
7	rs7781467	41903433	G	0.3841	0.3628	A	3.353	0.06708	1.095
7	rs6965030	41960119	G	0.05728	0.07214	A	5.815	0.01589	0.7815
7	rs12155027	41966728	A	0.1816	0.1654	C	3.258	0.07108	1.12
7	rs6960238	42071499	G	0.1218	0.1059	A	4.525	0.0334	1.171
7	rs3801216	42199808	A	0.4061	0.3831	G	3.841	0.05002	1.101
7	rs4724106	42465761	G	0.3633	0.3833	A	2.935	0.08668	0.9179
7	rs10238217	43409735	G	0.1441	0.1301	A	2.952	0.08577	1.126
7	rs4724219	43555473	A	0.09082	0.1062	C	4.34	0.03722	0.841
7	rs2240100	44433254	C	0.3916	0.4123	A	3.033	0.0816	0.9178
7	rs11763677	45059964	A	0.03509	0.04809	C	6.553	0.01047	0.7199
7	rs10249361	45138233	A	0.1731	0.1545	G	4.471	0.03448	1.146
7	rs1294892	45207933	G	0.1449	0.1661	A	5.618	0.01778	0.8511
7	rs1294887	45210930	C	0.3257	0.3643	A	11.08	0.0008721	0.8426
7	rs10228431	45243414	C	0.1463	0.162	A	3.132	0.07678	0.8868
7	rs10278486	46518077	A	0.2051	0.2233	G	3.311	0.06882	0.8975
7	rs12535934	46632183	A	0.2013	0.2181	G	2.854	0.09116	0.9037
7	rs2082364	46662344	A	0.3595	0.3347	G	4.75	0.02929	1.116
7	rs2016094	46907155	G	0.2503	0.2293	A	4.258	0.03907	1.122
7	rs12702274	46918847	G	0.3135	0.3379	A	4.597	0.03203	0.8949
7	rs17172814	47095883	G	0.09804	0.1203	A	8.239	0.0041	0.7947
7	rs10241085	47173146	A	0.1805	0.1999	C	4.083	0.04333	0.8814
7	rs12531862	47180761	A	0.09185	0.08021	G	3.121	0.07727	1.16
7	rs12668145	47218286	A	0.3995	0.3778	G	3.414	0.06464	1.095
7	rs884824	47298763	G	0.4188	0.45	A	6.774	0.009251	0.8808
7	rs2960232	47498159	C	0.3215	0.3416	A	3.127	0.07702	0.913
7	rs10224672	47698428	A	0.1674	0.1525	G	2.896	0.08881	1.117
7	rs17661843	48374297	G	0.1214	0.136	A	3.143	0.07625	0.8781
7	rs2060330	48427634	A	0.3676	0.3477	G	2.993	0.08362	1.09
7	rs10278222	49396352	G	0.08438	0.06924	A	5.92	0.01497	1.239
7	rs10245006	49588079	A	0.128	0.1484	G	5.757	0.01642	0.8423
7	rs9642306	49599837	A	0.3932	0.3655	G	5.687	0.01709	1.125
7	rs17133733	50220900	G	0.2043	0.2228	A	3.436	0.0638	0.8956
7	rs2168587	50226615	A	0.09701	0.08089	G	5.915	0.01502	1.221
7	rs10486758	50752596	A	0.08669	0.07191	G	5.526	0.01874	1.225
7	rs12669489	50929191	A	0.08497	0.07333	G	3.378	0.06609	1.174
7	rs4948034	50956877	A	0.1188	0.1324	G	2.811	0.09363	0.8832
7	rs17554286	51113067	G	0.2425	0.2675	A	5.512	0.01888	0.8769
7	rs4292640	52002829	A	0.1033	0.1162	G	2.829	0.09255	0.8761
7	rs7797216	53125393	G	0.1989	0.178	A	5.053	0.02459	1.146
7	rs6946803	53293659	G	0.1432	0.165	A	5.991	0.01438	0.846
7	rs10488483	53590610	A	0.05062	0.06313	G	4.654	0.03097	0.7913

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7	rs6962838	54048686	A	0.1548	0.1707	G	3.113	0.07767	0.8897
7	rs2330668	54156583	A	0.3006	0.2812	G	3.205	0.07342	1.099
7	rs7776468	54501805	A	0.3651	0.3875	G	3.624	0.05694	0.9091
7	rs1031490	54619020	G	0.03099	0.04552	A	8.667	0.003241	0.6706
7	rs1220783	54704682	G	0.09049	0.07957	A	2.764	0.0964	1.151
7	rs11771219	54908499	G	0.1343	0.1506	A	3.624	0.05695	0.8748
7	rs10244108	55119831	A	0.3266	0.3462	G	2.936	0.08663	0.9159
7	rs4947490	55128032	A	0.3457	0.3135	G	8.253	0.004068	1.157
7	rs2877260	55139123	G	0.2397	0.2634	A	5.026	0.02497	0.8816
7	rs6593217	55307516	A	0.2448	0.2684	G	4.922	0.02651	0.8835
7	rs17673975	55579663	G	0.1099	0.09284	A	5.862	0.01547	1.207
7	rs11768420	62220970	G	0.06608	0.05015	A	8.824	0.002974	1.34
7	rs7798993	63742694	G	0.2482	0.2791	A	8.252	0.00407	0.8527
7	rs6460346	66544673	G	0.4513	0.4854	A	7.979	0.004731	0.8722
7	rs6460410	67002740	C	0.4499	0.4301	A	2.757	0.09681	1.084
7	rs2533475	67165830	A	0.3865	0.4145	G	5.573	0.01824	0.89
7	rs2642148	67174859	G	0.3571	0.3842	A	5.348	0.02075	0.8904
7	rs4718709	67204864	A	0.4803	0.4532	G	5.104	0.02387	1.115
7	rs727845	67244644	A	0.1966	0.1768	G	4.556	0.03281	1.139
7	rs12672105	67249143	A	0.05654	0.04693	G	3.47	0.06248	1.217
7	rs1159329	67261520	G	0.2601	0.2786	A	2.963	0.0852	0.9101
7	rs11983970	67444577	G	0.04451	0.05564	A	4.14	0.04189	0.7907
7	rs7779982	67618498	A	0.1042	0.08644	G	6.778	0.00923	1.23
7	rs12531513	67645459	G	0.1254	0.1437	A	4.777	0.02885	0.854
7	rs17671975	68311351	A	0.1202	0.1057	G	3.8	0.05125	1.156
7	rs17751099	68334357	G	0.1734	0.2	A	7.729	0.005434	0.839
7	rs12667374	68339908	A	0.03694	0.04626	G	3.442	0.06355	0.7908
7	rs4717496	68367426	G	0.2606	0.2788	A	2.874	0.09005	0.9114
7	rs17141782	69684611	A	0.2389	0.2622	C	4.875	0.02725	0.8831
7	rs7809475	69738283	A	0.2293	0.2127	G	2.834	0.0923	1.102
7	rs13243605	69954500	A	0.2379	0.2199	G	3.222	0.07266	1.107
7	rs2867041	70257034	A	0.3488	0.3691	G	3.057	0.08038	0.9156
7	rs4717582	70266908	G	0.06302	0.0748	A	3.515	0.0608	0.8318
7	rs4719118	70471280	A	0.09907	0.1134	G	3.547	0.05965	0.8601
7	rs4236252	70580351	G	0.1265	0.1404	A	2.78	0.09542	0.8868
7	rs6460695	71025972	G	0.5114	0.4864	A	4.286	0.03844	1.105
7	rs1808379	71518642	A	0.06715	0.08331	G	6.013	0.0142	0.792
7	rs2909969	71620860	A	0.5155	0.4952	G	2.856	0.09103	1.085
7	rs3135679	73292856	A	0.02947	0.02336	G	2.746	0.09753	1.27
7	rs794356	75034467	A	0.4664	0.4372	G	5.961	0.01463	1.125
7	rs7810980	75093569	C	0.1598	0.1411	A	4.884	0.02711	1.157
7	rs239953	75417426	A	0.144	0.1294	G	3.204	0.07346	1.131
7	rs3973163	75697462	A	0.3949	0.375	C	2.904	0.08837	1.088
7	rs11983026	75884834	A	0.03646	0.04887	C	5.823	0.01582	0.7364
7	rs848452	77434748	A	0.08256	0.09718	G	4.265	0.03891	0.836
7	rs17517251	77435558	G	0.1631	0.1328	A	13.44	0.0002464	1.272

GNE_0369PR_Table1									
7	rs1725745	77436474	A	0.4628	0.4429	C	2.768	0.09616	1.084
7	rs12705171	77480897	A	0.1467	0.1613	G	2.734	0.09825	0.894
7	rs757864	77509747	A	0.1136	0.0959	G	6.14	0.01322	1.209
7	rs16885926	77791159	A	0.08839	0.07748	G	2.798	0.0944	1.154
7	rs13233399	77817194	A	0.3095	0.3321	G	3.961	0.04657	0.9016
7	rs9641392	77861948	G	0.1305	0.1174	A	2.841	0.09189	1.129
7	rs727200	78008524	A	0.2934	0.2748	G	2.965	0.08509	1.096
7	rs2362635	78025701	G	0.1097	0.08995	A	8.044	0.004564	1.247
7	rs319868	78066487	G	0.221	0.2414	A	3.911	0.04797	0.8918
7	rs17151577	78309085	C	0.05315	0.04447	A	2.995	0.08351	1.206
7	rs514463	78342667	G	0.07998	0.06864	A	3.414	0.06466	1.18
7	rs12539913	78610482	A	0.06767	0.0557	G	4.587	0.03221	1.23
7	rs1406153	78769977	A	0.01712	0.02359	G	3.22	0.07272	0.7207
7	rs2365693	79134010	A	0.07804	0.09153	G	3.803	0.05116	0.8401
7	rs13226982	79853822	G	0.02583	0.03479	A	4.24	0.03949	0.7355
7	rs10258421	79969778	A	0.02824	0.02204	G	2.954	0.08567	1.29
7	rs7455906	79996797	A	0.2028	0.186	G	3.194	0.07391	1.113
7	rs17228184	80306737	G	0.2074	0.224	A	2.737	0.09802	0.9067
7	rs1636579	80521244	G	0.2464	0.2644	A	2.88	0.08966	0.9096
7	rs1014079	80800534	A	0.3825	0.4066	C	4.163	0.04131	0.9039
7	rs17155560	81304678	A	0.3865	0.3622	G	4.382	0.03632	1.109
7	rs9986815	81354914	G	0.13	0.1451	A	3.197	0.07379	0.8805
7	rs1922077	81407756	A	0.2443	0.2243	C	3.939	0.04717	1.118
7	rs6467882	81513097	G	0.1847	0.1644	A	5.112	0.02376	1.151
7	rs12055938	82037637	G	0.05083	0.06143	A	3.405	0.06499	0.8182
7	rs10231433	82060741	G	0.2635	0.241	A	4.716	0.02989	1.127
7	rs10487657	82551084	A	0.4623	0.4907	G	5.572	0.01825	0.8923
7	rs13224075	82756305	A	0.4617	0.434	C	5.368	0.02051	1.119
7	rs17157388	82761303	C	0.07808	0.06645	A	3.69	0.05476	1.19
7	rs659632	83138849	G	0.2479	0.2701	A	4.319	0.03768	0.8909
7	rs12532410	83364679	G	0.4522	0.4303	A	3.342	0.06752	1.093
7	rs740948	83437271	A	0.4243	0.3988	G	4.636	0.03131	1.111
7	rs11773309	85408455	A	0.1396	0.1239	G	3.875	0.04901	1.148
7	rs2299222	86280340	G	0.0227	0.02958	A	2.911	0.08796	0.7622
7	rs17608250	86281321	A	0.05779	0.06784	G	2.796	0.09452	0.8428
7	rs4148828	86886466	G	0.1256	0.1082	A	5.347	0.02076	1.184
7	rs10085679	88654589	A	0.1844	0.2018	G	3.256	0.07116	0.8944
7	rs7778127	88757329	A	0.3024	0.2808	G	3.958	0.04664	1.11
7	rs6965360	88818990	G	0.07513	0.08636	A	2.786	0.0951	0.8593
7	rs39036	88942358	G	0.2639	0.2384	A	6.134	0.01326	1.145
7	rs17862175	89880112	A	0.03251	0.02523	G	3.608	0.0575	1.298
7	rs17867703	90028447	C	0.05114	0.06061	A	2.76	0.09662	0.8353
7	rs1464000	90659897	A	0.3786	0.4046	G	4.846	0.02771	0.8966
7	rs4554397	90673782	G	0.4871	0.4639	A	3.731	0.05342	1.098
7	rs12056301	90718356	A	0.06715	0.05769	C	2.79	0.09486	1.176
7	rs11761294	90980336	A	0.3187	0.3397	G	3.393	0.06549	0.9094

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7	rs7793983	92322975	G	0.08978	0.07295	A	7.069	0.007845	1.254
7	rs424	92441088	A	0.08083	0.09282	G	2.975	0.08458	0.8594
7	rs10236337	92485715	A	0.3472	0.3678	G	3.149	0.07599	0.9141
7	rs10270472	92508796	A	0.4184	0.4501	G	7.031	0.00801	0.8787
7	rs17165334	92851510	A	0.09401	0.07389	G	9.923	0.001632	1.301
7	rs2237578	92910257	G	0.2278	0.21	A	3.257	0.07113	1.11
7	rs2374647	93077015	G	0.08058	0.09244	A	2.929	0.08699	0.8604
7	rs13234086	93158476	A	0.4514	0.4225	C	5.888	0.01524	1.125
7	rs2078032	93172382	G	0.2503	0.2277	A	4.936	0.0263	1.132
7	rs9655749	93174409	G	0.06663	0.05728	A	2.745	0.09756	1.175
7	rs7807774	95043374	C	0.03822	0.04738	A	3.268	0.07064	0.7991
7	rs4729228	95419185	G	0.03096	0.02162	A	6.795	0.009141	1.446
7	rs756860	95467014	A	0.1482	0.1311	C	4.416	0.0356	1.154
7	rs16869141	96333426	A	0.1325	0.117	G	3.944	0.04703	1.153
7	rs17657924	96463525	A	0.447	0.4669	C	2.708	0.09987	0.9232
7	rs6973117	96856655	A	0.09185	0.1073	C	4.374	0.03648	0.8412
7	rs4729366	97069580	A	0.2797	0.2599	G	3.491	0.06169	1.106
7	rs2058894	97134727	A	0.02632	0.03479	G	3.786	0.0517	0.7499
7	rs10228951	97440592	G	0.4137	0.4366	A	3.703	0.05432	0.9102
7	rs740209	97491747	C	0.2626	0.242	A	4	0.0455	1.116
7	rs2291748	97673576	A	0.1574	0.1426	G	3.068	0.07986	1.123
7	rs12705058	98771186	A	0.3552	0.3258	G	6.737	0.009442	1.14
7	rs17277546	99327507	A	0.05366	0.04121	G	6.57	0.01037	1.319
7	rs6465770	99852647	G	0.05315	0.06506	A	4.103	0.04281	0.8066
7	rs4463351	99916162	A	0.2178	0.1924	G	7.051	0.007924	1.168
7	rs11770876	100828828	A	0.1003	0.08552	C	4.735	0.02955	1.192
7	rs12668018	100900613	A	0.05642	0.04703	G	3.316	0.0686	1.212
7	rs10241776	100942041	A	0.03667	0.02976	G	2.785	0.09514	1.241
7	rs13235582	100983749	A	0.2066	0.2273	G	4.247	0.03932	0.8851
7	rs1965519	101147782	A	0.2405	0.2183	G	4.926	0.02645	1.134
7	rs1131384	101900846	A	0.07946	0.06889	G	2.961	0.08529	1.167
7	rs17605251	102533187	G	0.09617	0.1134	A	5.182	0.02282	0.8316
7	rs10487160	102962491	C	0.08617	0.07512	A	2.99	0.08378	1.161
7	rs362777	102977433	G	0.0903	0.1037	A	3.352	0.06712	0.8584
7	rs362780	102977594	A	0.03357	0.04281	G	3.668	0.05545	0.7768
7	rs2535764	102979768	A	0.259	0.2808	G	4.076	0.04349	0.8953
7	rs475880	103184609	G	0.1736	0.1562	A	3.882	0.04881	1.134
7	rs661575	103185343	A	0.2781	0.2596	G	3.074	0.07955	1.099
7	rs6972034	103804953	A	0.1197	0.09882	G	8.287	0.003992	1.24
7	rs7805974	104343668	A	0.2198	0.1998	G	4.289	0.03836	1.128
7	rs12705300	104568880	A	0.1125	0.09195	G	8.529	0.003496	1.252
7	rs13437626	104883897	G	0.05785	0.04464	A	6.844	0.008894	1.314
7	rs1721480	105055837	A	0.3116	0.2872	G	4.988	0.02553	1.124
7	rs17152107	105201158	A	0.1151	0.09828	C	5.395	0.0202	1.193
7	rs17152163	105238202	C	0.0516	0.06274	A	3.708	0.05415	0.8128
7	rs13237306	105279314	A	0.09288	0.1061	G	3.226	0.07246	0.8625

GNE_0369PR_TableS1									
7	rs10265194	105348093	G	0.03051	0.02022	A	8.721	0.003146	1.525
7	rs12667386	105533561	A	0.436	0.4592	G	3.729	0.05347	0.9106
7	rs7795101	105570204	G	0.1563	0.1739	A	3.74	0.05313	0.8803
7	rs17153276	105972032	G	0.0636	0.07566	A	3.638	0.05647	0.8298
7	rs7792872	105985048	A	0.2419	0.2204	G	4.607	0.03184	1.129
7	rs41825	106043520	G	0.5165	0.4939	A	3.534	0.06011	1.095
7	rs342231	106119682	G	0.08083	0.06392	A	8.004	0.004667	1.288
7	rs10274553	106143882	G	0.4581	0.4928	A	8.296	0.003973	0.8701
7	rs10487286	106210302	G	0.08714	0.07136	A	6.301	0.01207	1.242
7	rs2028009	106241587	A	0.437	0.4117	G	4.558	0.03276	1.109
7	rs17408760	107242518	G	0.2702	0.252	A	3.013	0.0826	1.099
7	rs11762481	107254054	A	0.08583	0.1054	G	7.101	0.007702	0.7971
7	rs3801936	107323653	A	0.1081	0.1223	G	3.279	0.07019	0.8697
7	rs4730283	107381225	A	0.3559	0.3752	G	2.746	0.09751	0.9201
7	rs929395	107462459	A	0.1749	0.1912	G	2.985	0.08404	0.8967
7	rs7807090	107565247	A	0.09844	0.1117	G	3.089	0.07884	0.8679
7	rs7811540	108490386	A	0.2931	0.2726	G	3.645	0.05623	1.106
7	rs848839	108732977	G	0.4064	0.4378	A	6.904	0.008601	0.8792
7	rs10953607	108839595	A	0.4498	0.4224	G	5.302	0.0213	1.118
7	rs1524271	109004591	A	0.4675	0.4927	G	4.39	0.03616	0.9039
7	rs2523239	109426987	G	0.2941	0.2685	A	5.706	0.01691	1.135
7	rs1525501	109586089	A	0.1192	0.1055	G	3.393	0.06549	1.148
7	rs12668742	109629284	A	0.3829	0.4029	G	2.86	0.09081	0.9196
7	rs9641438	109658642	A	0.2105	0.2297	G	3.592	0.05805	0.8945
7	rs1008453	109699831	A	0.09349	0.1081	G	3.873	0.04906	0.8508
7	rs10953655	109711651	G	0.3934	0.3594	A	8.57	0.003418	1.156
7	rs10272725	109726403	G	0.3099	0.3323	A	3.919	0.04773	0.9022
7	rs407050	109895438	G	0.4783	0.499	A	2.973	0.08464	0.9202
7	rs12670438	110269332	G	0.05934	0.05043	A	2.807	0.09386	1.188
7	rs10500003	110269989	A	0.2399	0.2591	G	3.327	0.06814	0.9025
7	rs3757649	111169508	A	0.3729	0.3392	G	8.715	0.003157	1.159
7	rs2074119	111187213	A	0.2541	0.2773	G	4.639	0.03125	0.888
7	rs17546921	111241329	A	0.1219	0.09971	G	9.258	0.002345	1.253
7	rs2106737	111365757	G	0.0774	0.06495	A	4.319	0.03768	1.208
7	rs13229792	111376628	G	0.1087	0.1232	A	3.39	0.0656	0.8679
7	rs6951506	111414243	A	0.2856	0.3041	G	2.781	0.0954	0.9151
7	rs2522220	111521848	G	0.2559	0.2775	A	4.002	0.04544	0.8957
7	rs2729549	111536645	G	0.1986	0.2225	A	5.75	0.01649	0.8658
7	rs2560640	111572817	A	0.2363	0.2045	G	10.64	0.001107	1.204
7	rs10248735	111626659	A	0.03713	0.02787	G	5.214	0.02241	1.345
7	rs1234352	112012772	A	0.2286	0.2062	C	5.212	0.02243	1.14
7	rs17484200	112357738	G	0.1491	0.1275	A	7.104	0.00769	1.199
7	rs2456948	113017699	C	0.1554	0.1411	A	2.874	0.09005	1.12
7	rs2396676	113114402	A	0.2023	0.2288	G	6.953	0.008369	0.8546
7	rs10487507	113233735	A	0.2054	0.18	G	7.411	0.006482	1.177
7	rs13222538	113393463	A	0.1224	0.1373	G	3.251	0.07137	0.8766

GNE_0369PR_TableS1									
7	rs4727809	114379285	A	0.4592	0.4317	G	5.325	0.02102	1.118
7	rs4730659	114379503	G	0.4505	0.4275	A	3.71	0.0541	1.098
7	rs2709501	114435489	G	0.04597	0.06773	A	13.36	0.0002566	0.6633
7	rs4613914	114550554	A	0.0903	0.07924	C	2.851	0.0913	1.153
7	rs2896159	114989770	G	0.3427	0.3187	A	4.53	0.03331	1.115
7	rs4496902	115010901	G	0.218	0.2358	A	3.072	0.07967	0.9031
7	rs4730685	115042620	A	0.3869	0.4168	G	6.347	0.01176	0.8831
7	rs4073131	115107544	A	0.03096	0.03921	G	3.186	0.07427	0.7829
7	rs6964676	115281242	G	0.1571	0.1358	A	6.552	0.01048	1.187
7	rs6948338	115285315	A	0.3313	0.3528	G	3.499	0.0614	0.9089
7	rs1528243	115757900	A	0.1051	0.1204	G	3.842	0.04997	0.8581
7	rs7785492	116495262	A	0.293	0.2732	G	3.384	0.06585	1.103
7	rs3808220	116550572	G	0.02477	0.03186	A	2.88	0.08967	0.7718
7	rs38875	116609013	G	0.1832	0.2019	A	3.734	0.05332	0.887
7	rs4727871	117893672	G	0.04287	0.03514	A	2.973	0.08468	1.23
7	rs10253279	118007999	A	0.1768	0.1499	G	9.61	0.001935	1.218
7	rs846427	119280806	A	0.4025	0.4281	G	4.642	0.0312	0.8997
7	rs11977460	120943924	G	0.09067	0.1047	A	3.634	0.05661	0.8531
7	rs11762591	120972839	G	0.1896	0.1738	A	2.964	0.08514	1.112
7	rs6968295	121066486	G	0.2265	0.2048	A	4.914	0.02664	1.137
7	rs2501439	122314434	G	0.4509	0.4241	A	5.085	0.02414	1.115
7	rs1006091	122330026	G	0.1104	0.124	A	2.958	0.08546	0.8769
7	rs12670549	122661488	C	0.1523	0.1376	A	3.134	0.07667	1.127
7	rs4318999	122722257	A	0.2647	0.2861	C	3.856	0.04956	0.8986
7	rs10953980	122770945	A	0.4093	0.3798	G	6.362	0.01166	1.132
7	rs12538107	122994845	G	0.1223	0.1458	A	7.753	0.005364	0.8165
7	rs17146354	123220024	C	0.1445	0.1273	A	4.539	0.03314	1.158
7	rs961986	123425536	A	0.1126	0.09659	G	4.984	0.02559	1.187
7	rs2215426	123642743	G	0.2288	0.2054	A	5.743	0.01655	1.148
7	rs10954006	123653964	G	0.1456	0.1671	A	5.759	0.0164	0.8496
7	rs993080	123866456	G	0.03886	0.0513	A	5.61	0.01786	0.7476
7	rs2190916	123940012	A	0.07231	0.08516	G	3.705	0.05425	0.8374
7	rs17864092	126426840	G	0.09607	0.1087	A	2.889	0.08919	0.8711
7	rs17713208	126867052	A	0.08462	0.0966	G	2.87	0.09023	0.8646
7	rs322763	127559437	C	0.07998	0.06725	A	4.369	0.03661	1.206
7	rs7780294	128163898	A	0.0903	0.07779	G	3.704	0.05427	1.177
7	rs339083	128213004	A	0.3638	0.3835	G	2.856	0.09104	0.919
7	rs655239	128925076	A	0.07283	0.08517	G	3.416	0.06455	0.8438
7	rs3817530	129374460	C	0.1682	0.1511	A	3.912	0.04795	1.136
7	rs4236628	129538321	A	0.08854	0.1009	G	2.905	0.08828	0.8658
7	rs13223286	129548901	G	0.1331	0.12	A	2.806	0.09394	1.127
7	rs10224467	129574051	G	0.2896	0.316	A	5.583	0.01814	0.8824
7	rs7793239	129821931	G	0.1956	0.2144	A	3.655	0.05589	0.8909
7	rs4269476	130155613	A	0.257	0.2759	G	3.098	0.0784	0.9077
7	rs6467345	130417337	A	0.02993	0.0381	C	3.217	0.0729	0.7789
7	rs6967528	130560784	C	0.08161	0.09443	A	3.355	0.06701	0.8522

GNE_0369PR_TableS1									
7	rs13245368	130869877	A	0.04283	0.05433	G	4.544	0.03303	0.7788
7	rs1421361	131110322	A	0.4226	0.4028	C	2.819	0.09318	1.085
7	rs6467404	131303468	A	0.04696	0.05965	G	5.065	0.02441	0.7767
7	rs1567858	131428361	G	0.03973	0.04955	A	3.609	0.05746	0.7936
7	rs3734991	131513250	A	0.2211	0.242	G	4.133	0.04206	0.8891
7	rs13240982	131554782	G	0.07121	0.08495	A	4.263	0.03894	0.8258
7	rs3906454	131646539	G	0.2456	0.2684	A	4.59	0.03216	0.8874
7	rs13230920	131821802	A	0.08574	0.07415	G	3.321	0.0684	1.171
7	rs6974251	131859180	A	0.02374	0.03072	C	2.894	0.08888	0.7672
7	rs7778404	132577610	G	0.06605	0.05363	A	5.123	0.02361	1.248
7	rs9656434	133386073	G	0.2371	0.2186	A	3.42	0.06441	1.111
7	rs3800691	133993867	A	0.03612	0.04617	G	4.046	0.04427	0.7742
7	rs17231212	134436281	G	0.09401	0.08231	A	3.082	0.07916	1.157
7	rs292672	134616245	A	0.3326	0.3128	G	3.143	0.07626	1.095
7	rs1599874	134684918	A	0.2661	0.246	G	3.71	0.05407	1.111
7	rs967049	134691380	A	0.1222	0.1482	G	9.404	0.002165	0.7997
7	rs6467593	134889374	G	0.439	0.4105	A	5.754	0.01645	1.124
7	rs10279370	135116581	C	0.1589	0.1369	A	6.973	0.008273	1.191
7	rs10233321	135133591	A	0.4518	0.4761	C	4.073	0.04358	0.9068
7	rs11983139	135133769	A	0.1303	0.1125	G	5.404	0.02009	1.182
7	rs6973626	135363778	G	0.1027	0.0837	A	7.923	0.004881	1.253
7	rs10238921	135365610	G	0.3975	0.377	A	3.07	0.07973	1.09
7	rs10275033	135622672	A	0.2249	0.2448	G	3.72	0.05377	0.8949
7	rs4442076	135702039	A	0.2885	0.3068	G	2.717	0.09926	0.9162
7	rs10276384	135735968	G	0.3754	0.406	A	6.67	0.009804	0.8794
7	rs2882494	136183519	A	0.09556	0.08165	G	4.374	0.0365	1.188
7	rs6943656	136289976	G	0.1482	0.1637	A	3.032	0.08162	0.8892
7	rs13240024	136671716	C	0.1388	0.1541	A	3.113	0.07765	0.8849
7	rs1451526	136731763	G	0.1796	0.1992	A	4.187	0.04074	0.8801
7	rs4728425	137328344	A	0.09752	0.1173	C	6.62	0.01008	0.8132
7	rs3805362	137444928	G	0.1276	0.142	A	2.976	0.08451	0.8835
7	rs17169518	137448966	A	0.03148	0.04178	G	4.7	0.03016	0.7453
7	rs10237044	137582173	A	0.3426	0.3153	G	5.937	0.01482	1.132
7	rs357367	137628911	A	0.242	0.2689	C	6.379	0.01154	0.8681
7	rs13231090	137937992	G	0.1555	0.135	A	6.1	0.01352	1.18
7	rs1673223	137948254	A	0.1844	0.2005	C	2.796	0.09452	0.9017
7	rs8846	138041670	A	0.1883	0.2052	G	3.025	0.08201	0.8988
7	rs7780678	138103892	A	0.257	0.2751	G	2.856	0.09106	0.9113
7	rs7798474	138467780	C	0.2247	0.2445	A	3.672	0.05532	0.8957
7	rs7798842	138830642	G	0.1426	0.1285	A	3.027	0.08188	1.128
7	rs2284200	139236266	A	0.122	0.106	G	4.602	0.03193	1.172
7	rs8192859	139341130	A	0.2162	0.1992	G	3.096	0.07849	1.109
7	rs17161378	139391271	C	0.08255	0.095	A	3.129	0.07689	0.8572
7	rs12056023	139486243	A	0.1367	0.1168	G	6.568	0.01038	1.198
7	rs7777438	139602921	G	0.06863	0.08108	A	3.645	0.05624	0.8351
7	rs2471292	139626124	G	0.07903	0.0681	A	3.19	0.07409	1.174

GNE_0369PR_Table1									
7	rs10235144	139754565	A	0.4226	0.4425	G	2.759	0.0967	0.9223
7	rs7805034	140445949	A	0.1656	0.151	G	2.84	0.09194	1.116
7	rs6975836	140677021	A	0.01703	0.0248	C	4.462	0.03466	0.6811
7	rs7789850	140947080	G	0.03148	0.02411	A	3.857	0.04954	1.316
7	rs17162459	141097057	G	0.05785	0.04484	A	6.618	0.0101	1.308
7	rs4726572	142104421	A	0.07276	0.0592	C	5.56	0.01837	1.247
7	rs315280	142552081	G	0.2472	0.2652	A	2.879	0.08974	0.9099
7	rs2272255	142730902	G	0.3535	0.3317	A	3.657	0.05585	1.101
7	rs11767557	142819261	G	0.1811	0.1987	A	3.382	0.06592	0.8918
7	rs6951852	142827857	A	0.1258	0.141	C	3.316	0.06862	0.8766
7	rs2949763	142924923	A	0.07843	0.09146	G	3.577	0.05859	0.8454
7	rs7779313	143492683	G	0.177	0.1954	A	3.737	0.05322	0.8857
7	rs17195725	143768070	A	0.2875	0.2613	G	6.096	0.01355	1.141
7	rs6957884	143772338	G	0.0289	0.02156	A	4.251	0.03923	1.351
7	rs10952582	143846975	A	0.1162	0.1334	C	4.468	0.03454	0.8541
7	rs6950582	144318528	C	0.2233	0.202	A	4.77	0.02896	1.136
7	rs10281160	144546962	A	0.1276	0.1115	G	4.438	0.03514	1.165
7	rs1528011	144801713	G	0.2503	0.2319	A	3.254	0.07125	1.106
7	rs850546	145026704	G	0.2234	0.2411	A	2.977	0.08448	0.9054
7	rs850533	145047326	G	0.4422	0.4162	A	4.778	0.02882	1.112
7	rs12535177	146373033	A	0.0676	0.0571	G	3.462	0.06278	1.197
7	rs10500174	146642321	G	0.04438	0.03518	A	4.185	0.04079	1.274
7	rs10487689	146835482	A	0.07903	0.06632	G	4.408	0.03577	1.208
7	rs11762995	147369523	G	0.05831	0.04719	A	4.63	0.03141	1.25
7	rs7797894	147384494	A	0.3849	0.412	C	5.232	0.02218	0.8932
7	rs12670839	147589777	A	0.2224	0.242	G	3.644	0.05628	0.8957
7	rs6979974	147646743	G	0.07505	0.08677	A	3.023	0.08207	0.854
7	rs4487670	147675450	G	0.1156	0.1315	A	3.858	0.04951	0.8634
7	rs10277339	147725702	G	0.05934	0.04477	A	8.287	0.003993	1.346
7	rs987456	147743920	C	0.1966	0.1793	A	3.487	0.06187	1.12
7	rs11983635	147961910	G	0.02634	0.03675	A	5.441	0.01967	0.7091
7	rs3807446	148098380	G	0.03715	0.04903	A	5.354	0.02067	0.7484
7	rs6961306	148397324	G	0.1249	0.1069	A	5.769	0.01631	1.193
7	rs10487889	148580956	A	0.1563	0.1381	G	4.781	0.02878	1.157
7	rs7788681	148607070	A	0.08988	0.0788	G	2.872	0.09016	1.154
7	rs11761128	148648721	G	0.2838	0.3024	A	2.85	0.09138	0.914
7	rs855653	149081517	G	0.1451	0.1216	A	8.75	0.003095	1.226
7	rs855675	149096607	G	0.2998	0.2675	A	9.119	0.00253	1.173
7	rs709063	149103441	A	0.1575	0.14	G	4.334	0.03735	1.148
7	rs1104881	149772742	A	0.3086	0.2887	C	3.297	0.06941	1.099
7	rs2373929	150345745	A	0.4592	0.4349	G	4.163	0.04132	1.104
7	rs10230113	150468462	A	0.3923	0.3615	G	7.06	0.007882	1.14
7	rs2257073	150514220	A	0.2601	0.2814	G	3.894	0.04847	0.8977
7	rs2288649	150519721	A	0.2409	0.2234	G	2.999	0.08329	1.103
7	rs10263398	150608160	G	0.07335	0.06298	A	3.089	0.07885	1.178
7	rs2058495	150852869	A	0.226	0.2063	G	4.07	0.04364	1.124

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7	rs1881638	151139777	A	0.2392	0.2577	G	3.114	0.0776	0.9054
7	rs6950343	151167114	A	0.08161	0.06318	G	9.604	0.001942	1.318
7	rs11765654	151327965	G	0.4008	0.4226	A	3.358	0.06688	0.914
7	rs4726158	151748390	A	0.1269	0.1409	G	2.81	0.09365	0.8864
7	rs7457887	152026508	A	0.2689	0.2494	G	3.47	0.06248	1.107
7	rs1966134	152198146	A	0.4224	0.4021	G	2.966	0.08501	1.088
7	rs10282370	152299155	G	0.2541	0.2363	A	3.028	0.08185	1.102
7	rs6464295	152326792	G	0.07121	0.06132	A	2.886	0.08937	1.174
7	rs6946476	152651675	A	0.03977	0.04954	G	3.562	0.05911	0.7948
7	rs13242225	152866750	G	0.4767	0.4969	A	2.81	0.09366	0.9222
7	rs4726318	152969046	G	0.2766	0.2997	A	4.411	0.0357	0.8934
7	rs4726319	152969272	G	0.1484	0.1306	A	4.734	0.02958	1.16
7	rs6961482	153018605	G	0.06605	0.05527	A	3.766	0.05232	1.209
7	rs10264523	153159897	A	0.3202	0.3529	G	8.107	0.004409	0.8637
7	rs12532924	153503255	G	0.4886	0.4596	A	5.853	0.01555	1.124
7	rs10274160	153825179	A	0.3352	0.356	G	3.254	0.07127	0.9121
7	rs11772385	153846970	C	0.1155	0.101	A	3.954	0.04677	1.163
7	rs940378	154310380	G	0.03874	0.03163	A	2.779	0.09552	1.234
7	rs9767875	154722339	A	0.1503	0.1359	C	3.03	0.08171	1.125
7	rs7801327	154878817	G	0.234	0.2109	A	5.497	0.01905	1.143
7	rs1861965	154887119	A	0.1078	0.1273	G	5.941	0.0148	0.829
7	rs12537180	154906404	G	0.1594	0.1328	A	10.4	0.001259	1.238
7	rs1477215	154915345	A	0.2859	0.307	G	3.634	0.05663	0.9036
7	rs1421320	154994654	A	0.1391	0.1208	C	5.327	0.01201	1.175
7	rs10264499	155048283	C	0.2353	0.2544	A	3.341	0.06758	0.9017
7	rs10277542	155051563	A	0.388	0.3683	G	2.865	0.09051	1.087
7	rs872723	155298505	A	0.1853	0.1691	G	3.17	0.07501	1.117
7	rs6951006	155449406	A	0.5062	0.4824	G	3.895	0.04842	1.1
7	rs4716952	155459673	A	0.4244	0.4045	C	2.82	0.09308	1.085
7	rs10262016	155604955	A	0.04287	0.03536	G	2.789	0.0949	1.222
7	rs6957217	155960870	A	0.1636	0.1813	G	3.682	0.05502	0.8831
7	rs7801996	156098672	A	0.07946	0.1004	G	8.553	0.00345	0.7734
7	rs12534197	156578740	G	0.3653	0.3407	A	4.612	0.03175	1.114
7	rs17646960	156700317	G	0.1249	0.1118	A	2.944	0.08621	1.134
7	rs1182425	156770201	A	0.1878	0.1714	G	3.269	0.0706	1.118
7	rs4716704	156827069	G	0.07425	0.06221	A	4.182	0.04086	1.209
7	rs917741	156963260	G	0.1245	0.1111	A	3.101	0.07827	1.138
7	rs4716752	157000871	A	0.3974	0.4251	G	5.411	0.02001	0.8918
7	rs221277	157039296	G	0.04489	0.03708	A	2.883	0.08951	1.221
7	rs221300	157060284	G	0.4494	0.4705	A	3.095	0.07854	0.9184
7	rs920027	157475469	G	0.1947	0.1779	A	3.32	0.06845	1.118
7	rs9654713	157607912	A	0.3215	0.3018	G	3.16	0.07547	1.096
7	rs7791230	157732458	A	0.1089	0.1242	G	3.764	0.05237	0.8616
7	rs2335158	158077841	A	0.2239	0.2015	G	5.333	0.02093	1.143
8	rs17080309	256953	G	0.1162	0.1409	A	8.8	0.003012	0.802
8	rs12386928	709296	A	0.3488	0.3201	C	6.493	0.01083	1.138

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8	rs17668341	1026696	G	0.0872	0.07652	A	2.75	0.09727	1.153
8	rs13268693	1027147	A	0.2601	0.2835	G	4.656	0.03094	0.8886
8	rs7826946	1137084	G	0.4727	0.4968	A	4.031	0.04468	0.9078
8	rs17065805	1138112	G	0.07283	0.08441	A	3.034	0.08152	0.852
8	rs11136442	1856249	G	0.46	0.4328	A	5.163	0.02308	1.116
8	rs3779704	1866971	G	0.1388	0.153	A	2.709	0.09976	0.8922
8	rs1043228	1942219	A	0.08669	0.06402	G	14.28	0.0001577	1.388
8	rs12678739	1980344	G	0.1183	0.1343	A	3.845	0.04989	0.8648
8	rs4876235	1992362	A	0.1436	0.13	G	2.808	0.09379	1.123
8	rs1550454	2027002	A	0.09185	0.1041	G	2.805	0.094	0.8705
8	rs7003983	2045567	A	0.137	0.1513	G	2.757	0.09685	0.8907
8	rs9657389	2374301	A	0.09711	0.1102	G	3.047	0.08087	0.8684
8	rs4876024	2498943	A	0.2178	0.1984	G	4.048	0.04423	1.125
8	rs10102441	2556099	G	0.293	0.3135	A	3.384	0.06585	0.9073
8	rs641525	2727909	C	0.06914	0.05935	A	2.914	0.08782	1.177
8	rs341751	2746728	A	0.07653	0.08996	G	3.854	0.04963	0.8383
8	rs6989916	2765448	G	0.06159	0.07589	A	5.113	0.02374	0.7992
8	rs2627283	2768684	G	0.09762	0.112	A	3.648	0.05615	0.8574
8	rs17079488	2973981	A	0.08428	0.07103	G	4.499	0.03391	1.204
8	rs259856	3022531	G	0.4725	0.4437	A	5.783	0.01618	1.123
8	rs17079568	3037517	G	0.06973	0.08241	A	3.722	0.05369	0.8346
8	rs1562116	3078491	G	0.3337	0.3139	A	3.101	0.07825	1.094
8	rs10110184	3123146	G	0.3115	0.3323	A	3.386	0.06574	0.9089
8	rs11996752	3563798	A	0.3204	0.301	G	3.095	0.07851	1.095
8	rs13278122	3567552	C	0.1877	0.1726	A	2.733	0.09828	1.108
8	rs2720736	3661227	G	0.0636	0.07406	A	2.786	0.09511	0.8492
8	rs17405426	4028371	C	0.1193	0.1057	A	3.36	0.0668	1.147
8	rs12676505	4028764	A	0.1732	0.1524	G	5.695	0.01701	1.165
8	rs17069257	4030923	G	0.1386	0.1536	A	2.982	0.08421	0.8869
8	rs17335036	4132298	A	0.1362	0.1521	G	3.407	0.06494	0.8791
8	rs10282904	4135857	G	0.3359	0.3134	A	4.03	0.0447	1.108
8	rs13258474	4240862	A	0.04123	0.03332	G	3.237	0.07198	1.248
8	rs6558885	4308818	A	0.1352	0.1539	G	4.71	0.02998	0.8591
8	rs1725130	4339565	A	0.1956	0.2161	G	4.323	0.03761	0.8819
8	rs2725009	4410334	A	0.5057	0.4843	C	3.14	0.07637	1.089
8	rs17070718	4439900	C	0.1022	0.1176	A	3.97	0.04632	0.8542
8	rs17417988	4495763	C	0.04696	0.03764	A	4.024	0.04486	1.26
8	rs10081492	4743053	C	0.1308	0.1493	A	4.669	0.03071	0.8578
8	rs11990769	5041230	G	0.06315	0.07669	A	4.536	0.03318	0.8115
8	rs3919556	5165219	A	0.1075	0.09347	C	3.971	0.04629	1.169
8	rs7011009	5245904	A	0.09649	0.111	G	3.747	0.0529	0.855
8	rs2527724	5456598	G	0.1494	0.1659	A	3.436	0.06378	0.8826
8	rs2725668	5462128	G	0.2915	0.3129	A	3.69	0.05474	0.9035
8	rs4875613	5569241	A	0.1703	0.1496	G	5.739	0.01659	1.167
8	rs6983501	5607458	C	0.1948	0.2118	A	2.977	0.08447	0.9001
8	rs17074954	5666677	G	0.1878	0.2062	A	3.589	0.05816	0.8902

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8	rs1364553	5912604	G	0.1087	0.1284	A	6.058	0.01385	0.8278
8	rs17076075	5969264	C	0.06656	0.08044	A	4.571	0.03252	0.8152
8	rs13260564	6021307	A	0.4123	0.3903	G	3.49	0.06175	1.096
8	rs12675721	6147126	A	0.3724	0.395	G	3.671	0.05537	0.9091
8	rs4841082	6298864	A	0.3194	0.3387	G	2.863	0.09067	0.9165
8	rs1031304	6377570	G	0.08714	0.07148	A	6.203	0.01275	1.24
8	rs2442598	6382229	A	0.2567	0.2907	G	9.686	0.001857	0.8428
8	rs4478599	6389774	G	0.4004	0.4238	A	3.865	0.04931	0.908
8	rs9657427	6436776	G	0.1213	0.1004	A	8.141	0.004327	1.236
8	rs2922852	6442964	A	0.3407	0.317	G	4.458	0.03475	1.114
8	rs7820038	6521584	G	0.3968	0.3759	A	3.218	0.07284	1.092
8	rs1541749	6632804	A	0.2059	0.2275	G	4.62	0.03159	0.8803
8	rs6989229	6704517	G	0.0647	0.07597	A	3.159	0.07551	0.8414
8	rs5743404	6724531	G	0.3311	0.3538	A	3.911	0.04796	0.9039
8	rs7826831	6730518	G	0.2647	0.2431	A	4.327	0.0375	1.121
8	rs7461956	6760323	C	0.3385	0.3579	A	2.829	0.09258	0.9181
8	rs4595128	8471286	A	0.06295	0.08387	G	10.08	0.001498	0.7338
8	rs332034	8754417	G	0.1558	0.1367	A	5.296	0.02137	1.166
8	rs17703591	8984968	G	0.3626	0.3428	A	2.977	0.08447	1.09
8	rs17653841	9035432	G	0.195	0.2161	A	4.538	0.03315	0.8788
8	rs1017760	9171208	A	0.1929	0.2127	C	4.086	0.04325	0.8843
8	rs17661379	9258629	G	0.0805	0.0936	A	3.543	0.0598	0.8477
8	rs2409571	9268558	A	0.5036	0.4821	G	3.205	0.0734	1.09
8	rs11773947	10106299	G	0.3431	0.3175	A	5.219	0.02235	1.123
8	rs2975696	10150116	A	0.2991	0.2803	C	2.991	0.08373	1.096
8	rs4335130	10223963	A	0.1136	0.1003	G	3.371	0.06634	1.15
8	rs17151885	10285445	A	0.02996	0.02327	C	3.288	0.06979	1.296
8	rs11250031	10459518	C	0.3344	0.3559	A	3.494	0.06159	0.9092
8	rs11986177	10524062	A	0.05366	0.0648	C	3.593	0.05801	0.8184
8	rs12681375	10695006	G	0.03099	0.03861	A	2.751	0.09718	0.7964
8	rs10503408	10788398	G	0.04541	0.05495	A	3.083	0.07909	0.818
8	rs17153240	11329478	A	0.1011	0.0846	G	5.977	0.0145	1.217
8	rs904017	11773050	A	0.3228	0.2928	C	7.443	0.006369	1.151
8	rs1692793	11786054	G	0.3905	0.4143	A	4.023	0.04488	0.9058
8	rs7834631	12761816	G	0.2941	0.3182	A	4.648	0.03109	0.8926
8	rs2017656	12814377	G	0.1053	0.1215	A	4.341	0.0372	0.8502
8	rs10091369	12915299	G	0.2012	0.2209	A	3.922	0.04767	0.8883
8	rs579253	12929175	G	0.07637	0.08883	A	3.356	0.06698	0.8481
8	rs9325866	13025018	C	0.2792	0.2984	A	3.048	0.08086	0.9107
8	rs4629867	13534694	G	0.14	0.1585	A	4.48	0.03429	0.8641
8	rs1383879	13534834	A	0.157	0.1411	G	3.578	0.05856	1.134
8	rs12550512	13736554	A	0.1445	0.1296	C	3.345	0.0674	1.134
8	rs1841907	13982707	A	0.07792	0.08967	G	2.96	0.08536	0.8578
8	rs17610254	15118799	A	0.2423	0.2239	G	3.323	0.0683	1.108
8	rs13271637	15402180	A	0.2745	0.2927	G	2.78	0.09546	0.9142
8	rs7813286	15432937	A	0.1894	0.2056	C	2.787	0.09502	0.9028

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8	rs373806	15693307	G	0.2622	0.2418	A	3.87	0.04915	1.114
8	rs10094727	16462741	A	0.07704	0.09234	G	4.89	0.02701	0.8205
8	rs7012141	16600404	A	0.03667	0.04826	C	5.171	0.02297	0.7507
8	rs13250792	16784710	G	0.2848	0.264	A	3.816	0.05076	1.11
8	rs2517037	16888686	G	0.2843	0.2661	A	2.909	0.08808	1.096
8	rs709845	16920899	G	0.4469	0.4228	A	4.087	0.04321	1.103
8	rs850429	16921843	G	0.1558	0.1774	A	5.536	0.01863	0.8562
8	rs10503593	17257073	G	0.07335	0.06272	A	3.252	0.07135	1.183
8	rs10097156	17388520	G	0.0181	0.02811	A	6.573	0.01035	0.6372
8	rs2720499	17436739	C	0.09236	0.07761	A	5.149	0.02326	1.209
8	rs2301539	17456625	A	0.07903	0.09457	G	4.941	0.02622	0.8216
8	rs1353035	18184913	G	0.1314	0.1478	A	3.733	0.05333	0.8717
8	rs4921920	18340985	G	0.161	0.1418	A	5.182	0.02283	1.162
8	rs7817770	18351441	A	0.3689	0.3978	G	6.032	0.01405	0.8849
8	rs923391	18474149	G	0.1568	0.1753	A	4.078	0.04345	0.8751
8	rs12544391	19116816	A	0.1058	0.08904	G	5.855	0.01554	1.21
8	rs10099160	19866095	C	0.2518	0.2254	A	6.81	0.009063	1.156
8	rs6586896	20048921	G	0.1135	0.0993	A	3.846	0.04986	1.162
8	rs1390939	20084992	A	0.4773	0.4541	G	3.753	0.05273	1.098
8	rs17092159	20113122	A	0.03715	0.03025	G	2.737	0.09802	1.237
8	rs6984493	20175977	A	0.0934	0.1056	G	2.773	0.09589	0.8721
8	rs13280649	20176535	A	0.2833	0.2624	G	3.854	0.04964	1.111
8	rs1879571	20918847	A	0.3633	0.3406	G	3.921	0.04769	1.104
8	rs10283289	21060474	G	0.1286	0.1441	A	3.396	0.06534	0.8765
8	rs2926426	21259011	A	0.4374	0.4133	C	4.113	0.04256	1.104
8	rs6586986	21371158	A	0.1429	0.1182	G	9.891	0.001661	1.244
8	rs17498886	21428708	G	0.1555	0.1344	A	6.501	0.01078	1.186
8	rs4506202	21642357	G	0.4494	0.4756	A	4.744	0.0294	0.9
8	rs4739218	21663247	G	0.3077	0.3289	A	3.532	0.06018	0.9067
8	rs10089142	21947885	G	0.2438	0.2261	A	3.073	0.07961	1.104
8	rs13249656	22169510	A	0.2683	0.2956	C	6.209	0.01271	0.8738
8	rs7831190	22180467	C	0.05733	0.04798	A	3.239	0.0719	1.207
8	rs17733355	22444802	A	0.11	0.0973	G	3.136	0.07656	1.147
8	rs11777370	22623545	A	0.3294	0.3052	G	4.714	0.02992	1.118
8	rs13275868	22623714	A	0.2327	0.2659	G	9.822	0.001724	0.8373
8	rs4872550	22665715	A	0.07069	0.05736	C	5.539	0.0186	1.25
8	rs11785599	22948219	A	0.5114	0.4879	G	3.8	0.05126	1.098
8	rs3808530	23111674	G	0.2456	0.2253	A	4.067	0.04373	1.12
8	rs9465	23210826	A	0.02064	0.02741	G	3.047	0.08089	0.7478
8	rs2280937	23212782	A	0.04902	0.06681	G	8.996	0.002706	0.72
8	rs11135725	23229152	A	0.06347	0.05254	C	4.053	0.04409	1.222
8	rs4872145	23453695	G	0.04592	0.05708	A	4.069	0.04368	0.7952
8	rs11787401	23750369	A	0.1858	0.2035	G	3.369	0.06643	0.893
8	rs1483821	24001333	G	0.03306	0.04082	A	2.709	0.09976	0.8033
8	rs1483818	24021680	G	0.1367	0.1512	A	2.849	0.09145	0.889
8	rs17763685	24912421	A	0.1214	0.1059	G	4.324	0.03758	1.167

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8	rs11776844	25287410	G	0.08566	0.07074	A	5.718	0.01679	1.231
8	rs7837477	25296017	A	0.2007	0.1818	G	4.131	0.0421	1.13
8	rs925030	25298518	A	0.4143	0.3915	C	3.754	0.05268	1.099
8	rs17053894	25446863	G	0.08617	0.07504	A	3.032	0.08163	1.162
8	rs7845031	25535978	C	0.03509	0.04353	A	3.017	0.0824	0.7989
8	rs2467691	25616924	G	0.2017	0.1761	A	7.679	0.005586	1.182
8	rs10282829	26336640	A	0.168	0.1906	G	5.745	0.01654	0.8576
8	rs4872433	26344286	C	0.2247	0.242	A	2.837	0.09211	0.9076
8	rs13252617	26348061	G	0.09185	0.07739	A	4.959	0.02595	1.206
8	rs13276734	26361652	A	0.2487	0.2294	G	3.62	0.05709	1.112
8	rs11781115	26737367	C	0.3091	0.3281	A	2.852	0.09128	0.9159
8	rs10088381	26953602	G	0.2071	0.1877	A	4.253	0.03919	1.131
8	rs1345134	27175455	A	0.4469	0.4762	G	5.943	0.01478	0.8887
8	rs11780471	27400636	A	0.07283	0.06239	G	3.158	0.07556	1.181
8	rs17058204	27822985	A	0.08678	0.1038	G	5.459	0.01947	0.8204
8	rs4732617	27885170	G	0.2616	0.2849	A	4.613	0.03173	0.8893
8	rs12681850	27970396	G	0.2152	0.1948	A	4.538	0.03316	1.133
8	rs17058631	28059736	C	0.128	0.1139	A	3.335	0.06782	1.141
8	rs11784168	28083277	G	0.1467	0.1323	A	3.101	0.07822	1.128
8	rs4732838	28098106	A	0.4587	0.4287	G	6.318	0.01195	1.129
8	rs2722924	28187217	G	0.08824	0.1025	A	3.872	0.04909	0.8473
8	rs6558061	28354312	G	0.4819	0.4599	A	3.372	0.06632	1.093
8	rs352418	28501177	G	0.07379	0.0607	A	5.072	0.02431	1.233
8	rs352428	28534811	A	0.1157	0.1304	G	3.332	0.06795	0.8723
8	rs6993917	28675193	G	0.3509	0.3294	A	3.586	0.05827	1.1
8	rs11787332	29284555	G	0.08888	0.07799	A	2.787	0.09503	1.153
8	rs6990635	29307602	G	0.05418	0.04471	A	3.545	0.05971	1.224
8	rs10503842	29323978	A	0.08626	0.07154	G	5.511	0.0189	1.225
8	rs10099616	29377833	G	0.1389	0.1253	A	2.893	0.08895	1.126
8	rs10097088	29429805	G	0.2205	0.202	A	3.61	0.05742	1.117
8	rs7827693	29695338	A	0.4587	0.4297	G	5.908	0.01507	1.125
8	rs7009669	30349861	G	0.1708	0.155	A	3.244	0.07169	1.123
8	rs17653919	31194762	G	0.114	0.1278	A	2.963	0.08521	0.8784
8	rs6981040	31229086	A	0.1204	0.1074	G	2.981	0.08427	1.137
8	rs7817546	31573456	C	0.2869	0.3127	A	5.376	0.02042	0.8842
8	rs16878953	32163967	G	0.1615	0.1396	A	6.799	0.009122	1.187
8	rs7001060	32186009	C	0.08514	0.07135	A	4.858	0.02751	1.211
8	rs17669781	32701265	A	0.2151	0.1983	C	3.047	0.0809	1.108
8	rs1122551	33028233	G	0.1446	0.1625	A	4.1	0.04288	0.8712
8	rs4324914	34219082	G	0.4181	0.4396	A	3.221	0.07271	0.916
8	rs4428666	35001072	A	0.08256	0.09597	G	3.625	0.05691	0.8477
8	rs9297238	35422741	A	0.05636	0.04485	G	5.184	0.0228	1.272
8	rs10113333	35436330	A	0.2252	0.2058	C	3.94	0.04715	1.122
8	rs7813659	36578167	G	0.1424	0.1262	A	4.044	0.04434	1.149
8	rs3890448	36684863	A	0.1801	0.1626	G	3.838	0.05009	1.131
8	rs11777137	37457108	A	0.144	0.1279	G	3.948	0.04693	1.147

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8	rs6468413	37493810	G	0.1373	0.1552	A	4.274	0.03869	0.8661
8	rs2211704	37501134	G	0.05108	0.0428	A	2.832	0.09242	1.204
8	rs10955033	37765824	A	0.376	0.3986	G	3.674	0.05526	0.9092
8	rs17433803	37794825	A	0.183	0.2045	C	4.918	0.02658	0.8715
8	rs7341564	37849614	A	0.3261	0.3509	C	4.687	0.03039	0.895
8	rs10106420	38642769	G	0.161	0.1453	A	3.354	0.06706	1.128
8	rs11997272	38678519	A	0.1336	0.1183	C	3.852	0.0497	1.15
8	rs6983695	38691579	A	0.4546	0.4746	G	2.765	0.09637	0.9228
8	rs6983223	40020530	A	0.1455	0.1298	G	3.743	0.05304	1.142
8	rs2929104	40030807	A	0.3856	0.4054	C	2.809	0.09374	0.9204
8	rs16888738	40062839	G	0.03048	0.02412	A	2.878	0.0898	1.272
8	rs210662	40300340	A	0.2622	0.2449	G	2.743	0.0977	1.095
8	rs3736646	40310033	A	0.1603	0.1455	G	2.971	0.08475	1.121
8	rs2599676	40540918	G	0.07231	0.0609	A	3.853	0.04966	1.202
8	rs6474309	41098082	A	0.3354	0.3139	G	3.693	0.05463	1.103
8	rs13266712	41103217	C	0.4247	0.4487	A	4.026	0.0448	0.907
8	rs1456769	41103840	G	0.09298	0.1074	A	3.798	0.05131	0.8518
8	rs10101217	41846352	A	0.04649	0.0573	G	3.802	0.0512	0.8022
8	rs3763510	42394117	G	0.016	0.02302	A	3.915	0.04785	0.6898
8	rs9298634	43478104	G	0.1285	0.1111	A	5.187	0.02275	1.179
8	rs8178179	48907680	C	0.06502	0.05485	A	3.375	0.06618	1.198
8	rs11774442	49405090	A	0.04954	0.03919	G	4.776	0.02886	1.278
8	rs2046235	49746367	A	0.047	0.03856	G	3.241	0.07182	1.23
8	rs10448011	50173449	C	0.1437	0.1596	A	3.289	0.06976	0.8833
8	rs11782014	52472741	A	0.0625	0.05322	C	2.872	0.09014	1.186
8	rs4427196	53168430	A	0.1829	0.1636	G	4.635	0.03132	1.144
8	rs3849810	53172159	C	0.2011	0.1823	A	4.049	0.04419	1.129
8	rs3843919	53174381	A	0.4241	0.4654	G	11.82	0.0005866	0.8461
8	rs7465458	54439800	G	0.1561	0.1735	A	3.637	0.0565	0.8815
8	rs11783925	54933413	A	0.2239	0.1994	G	6.437	0.01118	1.158
8	rs2719364	55421551	A	0.3344	0.36	G	4.94	0.02624	0.893
8	rs1391467	55975761	A	0.2106	0.1844	G	7.737	0.00541	1.18
8	rs3934874	56077010	A	0.2206	0.1968	G	6.09	0.01359	1.155
8	rs7000240	56225475	A	0.4835	0.4629	G	2.932	0.08686	1.086
8	rs828181	57718538	C	0.1603	0.1431	A	4.099	0.0429	1.143
8	rs1834413	57799787	A	0.4679	0.4934	G	4.467	0.03456	0.903
8	rs13282129	57954467	G	0.1599	0.1437	A	3.6	0.05777	1.134
8	rs4554453	58806160	G	0.1498	0.1311	A	5.195	0.02265	1.167
8	rs9650192	59004444	A	0.08566	0.07128	G	5.275	0.02163	1.221
8	rs4237024	59049005	A	0.21	0.1828	G	8.455	0.003641	1.189
8	rs13280976	59067419	A	0.09659	0.1109	G	3.638	0.05649	0.8569
8	rs7010621	59074487	A	0.5186	0.4944	G	4.033	0.04462	1.102
8	rs2063103	59249611	A	0.1025	0.118	G	4.046	0.04428	0.8532
8	rs6994461	59729722	G	0.08772	0.1026	A	4.234	0.03962	0.8406
8	rs2726555	59947966	A	0.4365	0.4164	G	2.869	0.0903	1.086
8	rs12234908	60136461	G	0.05057	0.06058	A	3.093	0.07862	0.8259

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8	rs10957100	60631934	A	0.1183	0.1	G	6.273	0.01226	1.207
8	rs12543836	60705328	A	0.01498	0.02287	G	4.992	0.02547	0.6496
8	rs626552	61090003	A	0.06095	0.0486	G	5.54	0.01859	1.271
8	rs7846503	61996191	G	0.1125	0.09838	A	3.815	0.0508	1.162
8	rs4412366	62033001	A	0.06106	0.07133	C	2.754	0.09698	0.8468
8	rs1871217	62111121	A	0.09546	0.08433	G	2.732	0.09837	1.146
8	rs7820685	62478963	A	0.2539	0.2748	G	3.801	0.05122	0.8981
8	rs4625030	62612820	G	0.02322	0.0317	A	4.156	0.04148	0.7262
8	rs1580702	62872226	A	0.4467	0.4685	G	3.292	0.06963	0.9158
8	rs9657071	62877037	G	0.08514	0.1011	A	4.923	0.0265	0.8273
8	rs4739066	64266646	G	0.05986	0.07042	A	2.986	0.08397	0.8404
8	rs7003951	64377127	G	0.4773	0.456	A	3.143	0.07627	1.089
8	rs4448317	66315057	A	0.3006	0.2826	G	2.762	0.09651	1.091
8	rs16932710	67350835	G	0.2262	0.2055	A	4.481	0.03427	1.13
8	rs16932725	67355183	A	0.2813	0.2598	G	4.099	0.0429	1.115
8	rs16933415	68660493	G	0.1214	0.107	A	3.687	0.05483	1.153
8	rs10106534	68840872	A	0.09546	0.1082	G	2.929	0.08702	0.87
8	rs10504408	68845806	G	0.06612	0.04943	A	9.871	0.001679	1.362
8	rs10504409	68858368	A	0.05108	0.06571	G	6.154	0.01311	0.7654
8	rs6980766	68866482	G	0.1078	0.08802	A	8.264	0.004045	1.252
8	rs1434755	69205464	A	0.3569	0.3776	C	3.141	0.07634	0.9149
8	rs7842313	69205497	A	0.2915	0.2706	C	3.792	0.0515	1.109
8	rs1404593	69344235	A	0.08316	0.06799	C	6.119	0.01337	1.243
8	rs12541312	69487543	A	0.02632	0.01997	G	3.437	0.06376	1.327
8	rs7839809	69546599	G	0.1166	0.09613	A	8.157	0.004289	1.241
8	rs11993026	69882885	A	0.2133	0.2322	G	3.45	0.06326	0.8969
8	rs7010802	69907620	G	0.2086	0.2253	A	2.776	0.0957	0.9062
8	rs1481278	70468352	G	0.05676	0.0695	A	4.415	0.03563	0.8056
8	rs2099800	70544115	G	0.07379	0.08611	A	3.377	0.06609	0.8455
8	rs10504448	70551879	A	0.1146	0.08718	G	15.75	7.216e-05	1.355
8	rs17664415	70686259	A	0.06921	0.05907	G	3.136	0.07659	1.185
8	rs4738003	70705106	G	0.468	0.4413	A	4.965	0.02586	1.114
8	rs7831688	70708773	G	0.3731	0.4059	A	7.74	0.0054	0.8709
8	rs969930	70967579	G	0.3591	0.3798	A	3.14	0.07641	0.915
8	rs2580203	71007247	G	0.1658	0.1485	A	4.026	0.0448	1.14
8	rs7840667	71074850	A	0.1326	0.1186	G	3.209	0.07325	1.136
8	rs7010162	71139059	A	0.4241	0.4015	G	3.667	0.05551	1.098
8	rs1383978	72174885	A	0.2714	0.2903	G	2.995	0.08354	0.9108
8	rs2380716	72336968	G	0.1349	0.1171	A	5.141	0.02336	1.175
8	rs4295694	72388953	G	0.4617	0.4838	A	3.37	0.06639	0.9151
8	rs1900077	72412924	G	0.2136	0.1869	A	7.988	0.004708	1.182
8	rs4737316	72415628	A	0.3514	0.3326	G	2.739	0.09795	1.087
8	rs11775363	72449353	C	0.4647	0.4407	A	4.007	0.04531	1.102
8	rs4738148	72696131	C	0.4261	0.4561	A	6.213	0.01268	0.8855
8	rs4620325	72838430	C	0.1605	0.1762	A	2.965	0.08507	0.8936
8	rs13260038	73047451	A	0.0528	0.04426	G	2.902	0.08847	1.203

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8	rs12543469	73051519	A	0.3333	0.3586	G	4.79	0.02862	0.8945
8	rs7837478	73323698	G	0.2002	0.184	A	3.01	0.08275	1.11
8	rs17775981	73978732	A	0.0418	0.03275	G	4.327	0.0375	1.288
8	rs2981104	74026549	C	0.1058	0.1189	A	2.871	0.09018	0.8765
8	rs2605878	74308731	A	0.311	0.2888	G	4.091	0.04312	1.112
8	rs16938650	74498359	A	0.05212	0.06678	G	6.088	0.01361	0.7684
8	rs17223858	74861357	A	0.04597	0.05865	G	5.134	0.02346	0.7734
8	rs16938859	75375900	G	0.356	0.3342	A	3.676	0.05521	1.101
8	rs4464961	75438466	A	0.06656	0.05287	G	6.285	0.01218	1.277
8	rs1594758	75888202	A	0.09401	0.0818	C	3.365	0.06661	1.165
8	rs17369819	76159589	A	0.07748	0.06665	G	3.197	0.07377	1.176
8	rs16939038	76229779	A	0.09082	0.1038	G	3.145	0.07617	0.8628
8	rs1949109	76386738	G	0.2903	0.261	A	7.579	0.005906	1.158
8	rs9298264	77029752	A	0.07946	0.09128	G	2.944	0.08618	0.8593
8	rs16939378	77924994	C	0.02477	0.03327	A	3.982	0.04599	0.7381
8	rs13259780	78161214	G	0.2992	0.183	A	2.9	0.08855	0.9144
8	rs10504651	78287079	G	0.0614	0.04943	A	5.137	0.02342	1.258
8	rs386790	78640116	G	0.09544	0.1142	A	6.055	0.01386	0.8186
8	rs10109233	78774610	A	0.3406	0.3199	G	3.366	0.06655	1.098
8	rs4307331	79163443	A	0.09143	0.1082	G	5.119	0.02366	0.8291
8	rs10504671	79197411	G	0.0743	0.06357	A	3.283	0.07001	1.182
8	rs2195688	79333990	G	0.1847	0.1681	A	3.359	0.06683	1.121
8	rs10448016	79984081	G	0.1329	0.1189	A	3.167	0.07513	1.135
8	rs7003181	80034477	A	0.1412	0.1776	C	15.97	6.451e-05	0.7609
8	rs12543059	80037057	G	0.0223	0.03154	A	4.947	0.02614	0.7005
8	rs7829769	80377361	C	0.02993	0.03841	A	3.442	0.06354	0.7723
8	rs16906775	80409145	A	0.07025	0.08279	G	3.627	0.05686	0.837
8	rs2920951	80817210	G	0.1272	0.1113	A	4.316	0.03776	1.163
8	rs7005189	81663211	A	0.1662	0.1495	G	3.726	0.05358	1.134
8	rs1844358	82801044	G	0.176	0.1962	A	4.511	0.03368	0.8749
8	rs11782652	82816199	G	0.05779	0.0718	A	5.184	0.0228	0.7929
8	rs17633897	82830629	A	0.1207	0.1061	G	3.833	0.05026	1.157
8	rs10504743	82951580	A	0.0805	0.06814	G	4.074	0.04355	1.197
8	rs1376843	83050357	G	0.2916	0.2718	A	3.355	0.067	1.102
8	rs7832227	83090604	G	0.06347	0.07874	A	5.653	0.01743	0.7929
8	rs10504762	83590018	G	0.1865	0.1648	A	5.841	0.01566	1.162
8	rs12681967	83668672	A	0.1269	0.1427	G	3.554	0.05941	0.8732
8	rs7829384	83887223	G	0.3706	0.3987	A	5.681	0.01714	0.8878
8	rs1997054	83932938	A	0.2105	0.2294	G	3.493	0.06163	0.8959
8	rs726723	84160382	A	0.2901	0.3203	G	7.245	0.007109	0.8673
8	rs4443665	84892478	G	0.03115	0.03902	A	2.894	0.08894	0.7918
8	rs4739995	85076704	G	0.3592	0.3361	A	4.1	0.04289	1.107
8	rs16912386	85087335	A	0.02324	0.0357	G	8.062	0.00452	0.6429
8	rs6473533	85301813	C	0.2105	0.1944	A	2.832	0.09238	1.105
8	rs3736038	86214670	G	0.04752	0.0579	A	3.466	0.06266	0.8119
8	rs16911667	87451168	A	0.03302	0.02601	G	3.255	0.07119	1.279

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8	rs311637	90672741	A	0.5223	0.4972	G	4.325	0.03756	1.106
8	rs311636	90674313	G	0.1869	0.2067	A	4.169	0.04116	0.8819
8	rs16914603	92936858	A	0.1188	0.1351	C	3.978	0.04609	0.8628
8	rs17689237	94105203	G	0.1529	0.1775	A	7.254	0.007074	0.8361
8	rs364612	94124310	G	0.1529	0.1679	A	2.815	0.0934	0.8942
8	rs279968	94129515	C	0.4328	0.4608	A	5.433	0.01975	0.8929
8	rs1483453	94184704	G	0.05326	0.04329	A	4.031	0.04468	1.243
8	rs278557	94314239	A	0.05108	0.06271	G	4.048	0.04423	0.8046
8	rs1374633	94371918	A	0.2461	0.2199	G	6.765	0.009296	1.158
8	rs3133980	95017554	A	0.08359	0.0724	G	3.167	0.07512	1.169
8	rs2978169	95092674	A	0.06198	0.07491	G	4.23	0.03971	0.816
8	rs2978142	95113894	C	0.2879	0.3072	A	2.995	0.08352	0.912
8	rs2514792	95351733	G	0.4488	0.473	A	4.034	0.04459	0.9073
8	rs2119461	95643810	G	0.04081	0.0527	A	5	0.02535	0.7647
8	rs2722886	95772145	A	0.1012	0.1157	G	3.558	0.05928	0.8611
8	rs10096848	96432419	G	0.1615	0.1792	A	3.707	0.0542	0.882
8	rs6995298	96286810	A	0.2208	0.1962	G	6.593	0.01024	1.161
8	rs1441393	96317619	A	0.1672	0.1838	G	3.209	0.07325	0.8913
8	rs7459448	96375311	A	0.0676	0.07964	G	3.469	0.06251	0.8378
8	rs16917486	96432419	G	0.2813	0.2633	A	2.863	0.09063	1.095
8	rs3133748	96474764	G	0.1563	0.1716	A	2.84	0.09192	0.8947
8	rs7829745	96499904	G	0.1502	0.1327	A	4.532	0.03326	1.155
8	rs1009699	96591401	A	0.2559	0.2808	G	5.331	0.02096	0.8808
8	rs3102477	96815276	A	0.04184	0.0339	C	3.24	0.07188	1.245
8	rs6982567	96819457	A	0.2107	0.1815	G	9.788	0.001756	1.204
8	rs551363	96924432	A	0.2637	0.2374	C	6.54	0.01055	1.151
8	rs13271702	96937074	A	0.1065	0.1287	G	7.679	0.005587	0.807
8	rs261564	97087211	G	0.1121	0.09644	A	4.769	0.02898	1.183
8	rs542253	97177903	A	0.06625	0.05305	G	5.817	0.01587	1.266
8	rs1444569	97536872	A	0.4959	0.4716	C	4.061	0.04389	1.102
8	rs10105830	98307895	G	0.5072	0.4839	A	3.755	0.05265	1.098
8	rs2567768	98372327	A	0.08514	0.07276	G	3.856	0.04956	1.186
8	rs2853311	98384170	A	0.4504	0.4705	G	2.799	0.09434	0.9222
8	rs2513980	98831608	A	0.391	0.4121	G	3.175	0.07479	0.9157
8	rs2449529	98854699	G	0.4283	0.455	A	4.964	0.02587	0.8974
8	rs6998768	99169992	A	0.05114	0.06582	G	6.188	0.01287	0.7649
8	rs2444861	99170108	G	0.3338	0.3075	A	5.583	0.01814	1.128
8	rs10089778	100364810	G	0.02683	0.01993	A	4.048	0.04423	1.356
8	rs1788155	100867916	G	0.09928	0.1163	A	4.927	0.02643	0.8375
8	rs3133414	101180813	G	0.1241	0.1102	A	3.376	0.06616	1.145
8	rs3752833	101232834	G	0.04498	0.03714	A	2.894	0.0889	1.221
8	rs1892736	101542195	A	0.1981	0.2152	G	3.005	0.08301	0.9009
8	rs7001302	101567228	G	0.3091	0.3289	A	3.075	0.07953	0.9129
8	rs4734487	101931489	G	0.4307	0.4598	A	5.875	0.01536	0.8888
8	rs2386492	101940166	A	0.09462	0.1069	C	2.747	0.09746	0.8732
8	rs10095717	101940358	A	0.05624	0.04634	G	3.745	0.05295	1.226

GNE_0369PR_TableS1									
8	rs509433	102405005	A	0.07135	0.05984	G	3.977	0.04613	1.207
8	rs16867625	102483013	A	0.03044	0.0383	G	2.952	0.08579	0.7885
8	rs523352	102647517	A	0.01754	0.02798	G	7.195	0.007312	0.6204
8	rs16868739	102992313	G	0.01703	0.02321	A	2.994	0.08357	0.729
8	rs2067029	103256980	A	0.0343	0.04244	G	2.847	0.09157	0.8016
8	rs747822	103267379	C	0.2822	0.3109	A	6.625	0.01006	0.8718
8	rs4734644	103656796	G	0.04132	0.05119	A	3.526	0.06042	0.7989
8	rs7844766	103709241	A	0.3096	0.2876	G	4.05	0.04417	1.111
8	rs2511692	103763448	A	0.2079	0.2247	G	2.783	0.09526	0.9061
8	rs1574480	103796095	G	0.1539	0.1693	A	2.919	0.08756	0.8927
8	rs871561	103810932	G	0.2694	0.2924	A	4.411	0.03571	0.8924
8	rs7815583	103877827	G	0.4051	0.3772	A	5.669	0.01726	1.124
8	rs16870060	104167691	A	0.07892	0.09253	C	3.838	0.05011	0.8403
8	rs6983777	104187742	G	0.5072	0.4874	A	2.711	0.09967	1.083
8	rs13258575	104251872	C	0.3638	0.3419	A	3.673	0.05529	1.101
8	rs10091132	104984061	G	0.08204	0.07161	A	2.784	0.09522	1.159
8	rs1868009	105337945	A	0.06966	0.08273	C	3.946	0.04698	0.8302
8	rs2514668	105431832	C	0.2962	0.2775	A	2.998	0.08335	1.096
8	rs723107	105844408	A	0.08204	0.09475	G	3.29	0.0697	0.8539
8	rs10098425	106016051	G	0.05052	0.04146	A	3.456	0.06303	1.23
8	rs16872638	106362114	A	0.04541	0.03135	C	10.71	0.001064	1.47
8	rs16872778	106427337	G	0.1521	0.1312	A	6.493	0.01083	1.188
8	rs17283426	106451494	A	0.14	0.1575	G	4.041	0.04441	0.8705
8	rs7009208	106561794	C	0.1002	0.1178	A	5.233	0.02216	0.8337
8	rs16873418	106661321	G	0.2921	0.3116	A	3.085	0.07901	0.9114
8	rs12676698	106789832	G	0.2776	0.307	A	7.042	0.007961	0.8675
8	rs16873753	106886964	G	0.02116	0.02862	A	3.552	0.05946	0.7337
8	rs1954755	107465164	A	0.1013	0.1142	C	2.844	0.0917	0.8747
8	rs17341272	107585857	A	0.09804	0.1123	G	3.569	0.05886	0.8591
8	rs10955457	108606364	A	0.2038	0.2371	G	10.65	0.001098	0.8239
8	rs16876408	108616377	A	0.08781	0.07585	G	3.465	0.06269	1.173
8	rs1494971	108719364	G	0.1655	0.1825	A	3.39	0.0656	0.8879
8	rs652739	109061517	G	0.2337	0.2512	A	2.817	0.09328	0.9091
8	rs16877054	109062971	G	0.03076	0.02119	A	7.197	0.007304	1.466
8	rs16878164	109657106	A	0.2836	0.3023	G	2.867	0.09043	0.9137
8	rs10088861	110039252	A	0.0645	0.07931	C	5.283	0.02153	0.8004
8	rs2154659	110653350	G	0.07998	0.06861	A	3.431	0.06399	1.18
8	rs10092842	111059332	A	0.4845	0.4606	C	3.98	0.04603	1.101
8	rs2432736	113928270	G	0.215	0.1978	A	3.197	0.07378	1.111
8	rs13249072	114029809	A	0.3511	0.3324	G	2.707	0.09988	1.087
8	rs1397965	114945935	C	0.09711	0.08416	A	3.691	0.05471	1.17
8	rs2458064	115025767	C	0.4227	0.3986	A	4.149	0.04166	1.105
8	rs16887165	116283836	G	0.03096	0.03894	A	2.998	0.08336	0.7886
8	rs1526463	116834405	A	0.1827	0.2059	G	5.772	0.01628	0.8617
8	rs1467378	117051313	G	0.1128	0.09952	A	3.363	0.06669	1.151
8	rs2223059	117198588	A	0.3187	0.3397	G	3.4	0.06521	0.9093

GNE_0369PR_TableS1									
8	rs11986435	117484466	A	0.1779	0.162	G	3.168	0.07508	1.12
8	rs7828477	118013767	G	0.2399	0.2223	A	3.096	0.07848	1.105
8	rs1446538	118013821	G	0.3404	0.3738	A	8.24	0.004097	0.8646
8	rs9792392	118929583	A	0.05676	0.04532	G	5.082	0.02418	1.268
8	rs11990095	118933955	A	0.1827	0.1987	C	2.811	0.09364	0.9012
8	rs13255959	119081962	G	0.4143	0.4367	A	3.519	0.06067	0.9125
8	rs11562702	119087852	A	0.04959	0.06048	G	3.668	0.05547	0.8105
8	rs4077747	119498125	G	0.21	0.2281	A	3.212	0.07309	0.8998
8	rs4876852	119611488	A	0.177	0.1935	C	3.027	0.08191	0.8965
8	rs12548521	119621936	A	0.5093	0.4774	G	7.017	0.008076	1.136
8	rs10505338	119824671	A	0.3051	0.2835	G	3.915	0.04785	1.109
8	rs7842611	119836055	G	0.08264	0.07177	A	3.011	0.08271	1.165
8	rs13270860	120056612	G	0.1033	0.09087	A	3.175	0.07477	1.153
8	rs16892216	120271074	A	0.128	0.1152	G	2.741	0.09783	1.127
8	rs13257404	121194292	A	0.0418	0.05647	G	7.169	0.007417	0.7287
8	rs1354504	122341921	A	0.2853	0.2676	G	2.754	0.09699	1.093
8	rs1013326	122389741	A	0.1584	0.1421	G	3.738	0.0532	1.137
8	rs6982340	122402261	A	0.1451	0.1604	G	3.001	0.08321	0.8888
8	rs1482188	122553641	A	0.3086	0.3349	G	5.405	0.02008	0.8862
8	rs11995252	122691090	G	0.05901	0.07074	A	3.664	0.0556	0.8238
8	rs12549760	122973426	G	0.09469	0.08032	A	4.703	0.03012	1.198
8	rs6983258	123022275	C	0.08454	0.1056	A	8.245	0.004085	0.7819
8	rs1828331	123093315	A	0.1154	0.1297	G	3.122	0.07725	0.8759
8	rs6415477	123422100	A	0.1047	0.0905	G	4.191	0.04065	1.176
8	rs7826716	123438450	G	0.102	0.1151	A	2.941	0.08635	0.873
8	rs4397408	123503815	G	0.05739	0.04807	A	3.205	0.07342	1.206
8	rs4242335	123525410	A	0.04598	0.03556	G	5.233	0.02217	1.307
8	rs4316158	123533486	G	0.4515	0.4728	A	3.138	0.07647	0.9179
8	rs10505421	123601388	C	0.1138	0.09802	A	4.772	0.02893	1.182
8	rs940121	123742309	A	0.0485	0.03993	G	3.232	0.0722	1.226
8	rs16897460	123882796	A	0.03406	0.04433	G	4.404	0.03586	0.7601
8	rs9643177	123991647	A	0.5052	0.4784	G	4.931	0.02637	1.113
8	rs7826050	124137309	G	0.2745	0.2971	A	4.241	0.03946	0.8951
8	rs16898088	124259682	A	0.07843	0.0898	G	2.762	0.0965	0.8626
8	rs17377108	124266484	A	0.04592	0.03712	G	3.647	0.05618	1.249
8	rs4871381	124542039	A	0.05269	0.06881	C	7.162	0.007448	0.7527
8	rs7000759	124597857	A	0.0526	0.04335	G	3.458	0.06295	1.225
8	rs2294015	124766048	G	0.3953	0.4163	A	3.149	0.07597	0.9164
8	rs1541876	124855221	G	0.1182	0.1025	A	4.548	0.03295	1.174
8	rs2163534	124862224	G	0.4494	0.4232	A	4.829	0.02798	1.112
8	rs7004429	124929867	G	0.5072	0.4843	A	3.612	0.05738	1.096
8	rs7818198	125281376	A	0.3549	0.336	G	2.737	0.09805	1.087
8	rs6994603	125499843	A	0.3683	0.4013	G	7.847	0.00509	0.8697
8	rs16899960	125760336	A	0.1326	0.148	G	3.267	0.07067	0.8802
8	rs4871549	125884925	G	0.07505	0.08667	A	2.975	0.08454	0.855
8	rs12545272	126042870	A	0.08471	0.07405	G	2.815	0.09336	1.157

GNE_0369PR_TableS1									
8	rs729005	126741495	G	0.05739	0.0683	A	3.274	0.07039	0.8306
8	rs4427195	126830843	G	0.1601	0.1781	A	3.844	0.04992	0.8797
8	rs6470390	126932832	A	0.3245	0.3468	G	3.791	0.05153	0.9048
8	rs10505464	127037469	C	0.0718	0.06137	A	3.198	0.07374	1.183
8	rs4871661	127243195	A	0.1579	0.1436	G	2.824	0.09284	1.118
8	rs2205232	127500268	A	0.3989	0.3785	C	3.035	0.08148	1.09
8	rs10105985	127593194	C	0.3847	0.4091	A	4.237	0.03956	0.9032
8	rs10505492	127893982	A	0.1316	0.1122	G	6.375	0.01157	1.198
8	rs10505493	127952296	G	0.2368	0.2594	A	4.597	0.03203	0.8859
8	rs17831626	128149605	A	0.4757	0.4462	C	6.055	0.01387	1.126
8	rs7002343	128241210	G	0.3658	0.3454	A	3.174	0.07482	1.093
8	rs6986543	128465498	A	0.3259	0.3492	C	4.125	0.04224	0.9011
8	rs6995633	128509833	A	0.09649	0.0809	G	5.531	0.01869	1.213
8	rs7841228	128530060	A	0.2717	0.2449	G	6.618	0.0101	1.15
8	rs4620244	128635324	A	0.1593	0.1434	C	3.503	0.06127	1.132
8	rs11783049	128636470	A	0.1135	0.09808	G	4.579	0.03236	1.178
8	rs4314620	128699771	A	0.1563	0.1717	C	2.879	0.08976	0.8941
8	rs2648873	129140719	G	0.06256	0.05136	A	4.343	0.03716	1.233
8	rs6470602	129168685	G	0.5072	0.4867	A	2.906	0.08827	1.086
8	rs4733852	129338375	A	0.1266	0.1105	C	4.466	0.03458	1.167
8	rs10505517	129547193	G	0.07843	0.09443	A	5.251	0.02193	0.8161
8	rs13264072	130003293	G	0.1138	0.1014	A	2.87	0.09022	1.138
8	rs10505536	130436462	A	0.3363	0.3575	G	3.373	0.06626	0.9106
8	rs7846684	130439596	G	0.4448	0.4213	A	3.898	0.04836	1.1
8	rs4733737	130823901	A	0.1472	0.1647	G	3.849	0.04978	0.8758
8	rs10505550	131597332	A	0.05882	0.04833	C	4.041	0.04439	1.231
8	rs12235033	131816766	A	0.03306	0.04313	G	4.343	0.03715	0.7585
8	rs412723	131935521	G	0.2074	0.2262	A	3.49	0.06173	0.8954
8	rs13249746	132355063	G	0.02637	0.04137	A	10.16	0.001434	0.6275
8	rs4352831	132428097	A	0.2807	0.3036	G	4.289	0.03835	0.8953
8	rs7844964	132428172	A	0.4727	0.4954	C	3.558	0.05925	0.9131
8	rs273403	132580190	G	0.1016	0.08387	A	6.848	0.008872	1.235
8	rs736726	132587879	A	0.1321	0.1192	G	2.72	0.09911	1.125
8	rs1420499	132770794	G	0.09669	0.07999	A	6.391	0.01147	1.231
8	rs16904505	132777104	A	0.1487	0.13	G	5.262	0.0218	1.169
8	rs491614	132788999	G	0.4731	0.436	A	9.668	0.001875	1.162
8	rs568950	132800974	A	0.0811	0.06226	C	10.16	0.001438	1.329
8	rs7000712	133041441	G	0.4675	0.4929	A	4.449	0.03491	0.9033
8	rs3763568	133092777	A	0.1899	0.17	G	4.774	0.02889	1.144
8	rs2280851	133159157	A	0.2185	0.236	G	2.959	0.08542	0.9049
8	rs1025435	133311729	G	0.2745	0.2927	A	2.767	0.09621	0.9143
8	rs13270169	133357434	A	0.05785	0.0481	C	3.508	0.06109	1.215
8	rs2100648	133446574	A	0.03461	0.02645	G	4.309	0.0379	1.319
8	rs16904685	133521984	A	0.141	0.1558	C	2.888	0.08925	0.8896
8	rs7823044	133569300	C	0.07764	0.09046	A	3.485	0.06194	0.8464
8	rs16904789	134015315	A	0.09856	0.08505	G	3.983	0.04597	1.176

GNE_0369PR_Table1									
8	rs2069561	134044465	G	0.5067	0.4843	A	3.454	0.06311	1.094
8	rs2977552	134313542	A	0.07998	0.09478	G	4.476	0.03437	0.8302
8	rs4736455	134584047	A	0.2888	0.265	G	4.975	0.02571	1.126
8	rs3779925	134608468	A	0.02219	0.0325	G	6.037	0.01401	0.6755
8	rs10956723	134876742	G	0.03306	0.04255	A	3.905	0.04814	0.7693
8	rs7836259	135146299	A	0.04799	0.06157	C	5.636	0.01759	0.7683
8	rs10505619	135205839	A	0.1011	0.08874	G	3.233	0.07218	1.155
8	rs10505620	135238270	A	0.0516	0.04305	C	2.999	0.08331	1.209
8	rs7012883	135314442	G	0.05831	0.07086	A	4.202	0.04037	0.8119
8	rs4897704	135332062	A	0.4729	0.4933	G	2.861	0.09075	0.9213
8	rs7464646	135506052	A	0.2178	0.1934	G	6.469	0.01098	1.161
8	rs7833555	135522440	A	0.2541	0.2795	G	5.522	0.01878	0.8785
8	rs7832498	135857073	A	0.03148	0.03962	G	3.075	0.07951	0.7877
8	rs4266608	135969380	G	0.1689	0.1541	A	2.885	0.08939	1.116
8	rs7016799	136031008	G	0.2851	0.2626	A	4.503	0.03383	1.12
8	rs12679789	136093372	C	0.1596	0.1338	A	9.698	0.001845	1.229
8	rs6578122	136155923	G	0.02993	0.0414	A	5.895	0.01518	0.7143
8	rs2873256	136261826	G	0.2856	0.264	A	4.143	0.04181	1.115
8	rs6992027	136740146	A	0.267	0.2498	G	2.719	0.09916	1.094
8	rs7002795	136759995	A	0.1238	0.1093	G	3.687	0.05485	1.152
8	rs10088869	136807852	G	0.07748	0.09297	A	4.985	0.02556	0.8194
8	rs962157	137010530	A	0.3648	0.3377	C	5.627	0.01769	1.126
8	rs923791	137388532	C	0.178	0.1629	A	2.863	0.09065	1.113
8	rs1371746	137580284	A	0.2185	0.2425	G	5.462	0.01944	0.8732
8	rs2255417	137593333	A	0.3738	0.3486	G	4.812	0.02826	1.116
8	rs305306	137746265	G	0.3302	0.308	A	3.985	0.0459	1.108
8	rs1909486	138054022	G	0.04438	0.03428	A	5.153	0.02321	1.308
8	rs11166685	138198738	G	0.1866	0.1704	A	3.154	0.07576	1.117
8	rs4909645	138413218	G	0.09388	0.07938	A	4.853	0.0276	1.202
8	rs17634990	138682048	A	0.1441	0.1593	G	2.99	0.08379	0.8887
8	rs6577810	138682350	A	0.2536	0.2331	G	4.01	0.04523	1.118
8	rs7005146	138695863	G	0.4071	0.4342	A	5.149	0.02326	0.8949
8	rs2280848	139214096	A	0.0356	0.02477	G	8.006	0.004662	1.453
8	rs3750307	139233752	A	0.2054	0.1838	G	5.311	0.02119	1.148
8	rs7845372	139279858	A	0.1445	0.1266	C	4.938	0.02628	1.165
8	rs6577898	139316209	A	0.282	0.2589	C	4.793	0.02858	1.125
8	rs6987434	139323756	A	0.1947	0.1785	G	3.075	0.07948	1.113
8	rs10095186	139544944	A	0.468	0.4962	G	5.488	0.01915	0.8931
8	rs7832390	139678269	A	0.2237	0.2064	G	3.127	0.07702	1.108
8	rs11166844	139848062	G	0.3764	0.3967	A	2.938	0.08651	0.9182
8	rs1320271	139853147	G	0.1049	0.1205	A	4.039	0.04447	0.8548
8	rs7834262	140045364	C	0.2317	0.2118	A	4.046	0.04428	1.122
8	rs1827916	140132087	A	0.06457	0.07924	G	5.182	0.02282	0.802
8	rs7833942	140153596	A	0.2932	0.3191	G	5.356	0.02066	0.885
8	rs2319100	140328180	A	0.1936	0.1756	G	3.813	0.05085	1.127
8	rs1159873	140747601	A	0.1751	0.2037	C	8.789	0.003031	0.8298

GNE_0369PR_TableS1									
8	rs124672	140791360	G	0.281	0.2999	A	2.946	0.08607	0.9123
8	rs7013367	140927778	G	0.4111	0.4344	A	3.832	0.05027	0.9087
8	rs2054313	140931301	C	0.1049	0.124	A	5.926	0.01492	0.8272
8	rs6997704	141048039	G	0.406	0.4277	A	3.331	0.06797	0.9145
8	rs6993130	141202813	G	0.4193	0.3993	A	2.862	0.0907	1.086
8	rs4736167	141353564	A	0.2869	0.3116	G	4.918	0.02657	0.889
8	rs12548656	141452562	G	0.08273	0.09856	A	4.937	0.02629	0.8249
8	rs7841423	141529043	G	0.1059	0.0854	A	9.047	0.002632	1.268
8	rs7840147	142093418	A	0.1233	0.1087	G	3.745	0.05298	1.153
8	rs3887342	142110976	A	0.3201	0.3471	G	5.591	0.01805	0.8853
8	rs925358	142185324	A	0.1976	0.1798	G	3.692	0.05467	1.124
8	rs12675687	142322551	A	0.1519	0.1738	G	5.848	0.01559	0.8511
8	rs7819263	142365147	G	0.4236	0.3943	A	6.177	0.01294	1.129
8	rs4907356	142653911	G	0.2013	0.1792	A	5.579	0.01818	1.154
8	rs1565623	143073127	A	0.1999	0.1836	C	3.031	0.08171	1.111
8	rs4917229	143128486	G	0.4536	0.4795	A	4.657	0.03093	0.901
8	rs3935507	143263080	A	0.2126	0.1915	G	4.897	0.0269	1.14
8	rs7846202	143898989	A	0.04799	0.05758	G	2.975	0.08456	0.8251
8	rs6988480	144242199	G	0.3476	0.3693	A	3.477	0.06221	0.9101
8	rs12680363	144273229	G	0.1006	0.1154	A	3.751	0.05276	0.8573
8	rs6558331	144317250	A	0.3514	0.3322	G	2.847	0.09157	1.089
8	rs2467894	144483142	A	0.5124	0.4846	C	5.328	0.02099	1.118
8	rs2931710	144512231	A	0.1404	0.161	G	5.522	0.01878	0.8506
8	rs901764	144546567	G	0.09928	0.1154	A	4.457	0.03475	0.8447
8	rs901770	144548996	A	0.08514	0.09774	G	3.144	0.07619	0.8591
8	rs4874137	144614303	A	0.418	0.3935	G	4.312	0.03784	1.107
8	rs7464821	144850926	G	0.1429	0.163	A	5.192	0.0227	0.8556
8	rs6420181	145153236	G	0.4324	0.4124	A	2.858	0.09089	1.086
9	rs10814410	36587	A	0.4489	0.4282	G	3.01	0.08275	1.088
9	rs11788947	256708	A	0.1295	0.1107	G	6.104	0.01349	1.195
9	rs7849724	293851	G	0.08256	0.103	A	7.985	0.004716	0.7833
9	rs4741775	297266	A	0.2746	0.2965	G	3.992	0.04571	0.898
9	rs12377726	732884	G	0.2147	0.1985	A	2.803	0.09412	1.103
9	rs10977534	914525	A	0.06811	0.08316	C	5.22	0.02233	0.8058
9	rs10809097	1047797	G	0.1538	0.1317	A	7.24	0.007132	1.198
9	rs17795397	1114136	A	0.1066	0.1213	G	3.506	0.06114	0.8648
9	rs1890126	1204563	A	0.2845	0.2619	C	4.514	0.03362	1.121
9	rs10961025	1332328	A	0.05057	0.04242	G	2.765	0.09637	1.202
9	rs7852527	1465940	G	0.1493	0.1681	A	4.424	0.03544	0.8682
9	rs7855148	1506528	C	0.03612	0.02832	A	3.707	0.05419	1.286
9	rs944608	1518388	G	0.4219	0.4444	A	3.526	0.06041	0.9125
9	rs1885917	1653954	G	0.06966	0.08457	A	5.046	0.02469	0.8105
9	rs1572748	1959329	A	0.02738	0.0355	G	3.402	0.06512	0.7648
9	rs16937891	2181910	C	0.09607	0.07886	A	6.881	0.00871	1.241
9	rs10965177	2188627	G	0.3197	0.3388	A	2.82	0.09312	0.9171
9	rs10491704	2218755	G	0.06781	0.05227	A	8.133	0.004346	1.319

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9	rs2093836	2219436	A	0.1162	0.09771	C	6.577	0.01033	1.214
9	rs4741655	2219694	A	0.3416	0.3166	G	4.965	0.02587	1.12
9	rs4741657	2229429	A	0.3084	0.2857	G	4.322	0.03762	1.115
9	rs7048743	2416985	A	0.1085	0.1245	G	4.092	0.0431	0.8559
9	rs2210369	2443208	G	0.03981	0.04916	A	3.284	0.06998	0.802
9	rs1002393	2483381	C	0.1391	0.1536	A	2.801	0.09422	0.8905
9	rs1454626	2611030	C	0.2763	0.2973	A	3.649	0.05609	0.9024
9	rs1470943	2658085	A	0.3096	0.291	G	2.888	0.08924	1.093
9	rs10967775	2720988	C	0.1358	0.1159	A	6.614	0.01012	1.2
9	rs1378063	2741868	G	0.2043	0.178	A	7.95	0.00481	1.186
9	rs7875874	3174967	A	0.1303	0.1497	C	5.109	0.0238	0.8513
9	rs6476327	3205842	A	0.03664	0.04725	G	4.424	0.03544	0.7668
9	rs1455180	3765583	A	0.1321	0.1103	G	8.175	0.004248	1.227
9	rs7033034	3773874	A	0.3811	0.3586	G	3.768	0.05224	1.101
9	rs16919809	3855283	G	0.1958	0.1777	A	3.821	0.05063	1.126
9	rs12349032	3971646	G	0.1558	0.1405	A	3.339	0.06764	1.13
9	rs7850708	3975549	A	0.07692	0.06188	C	6.512	0.01072	1.263
9	rs10974342	4128421	A	0.02993	0.04753	C	12.28	0.0004584	0.6183
9	rs10121596	4208631	A	0.1713	0.189	C	3.524	0.06047	0.8873
9	rs1571583	4257209	A	0.2257	0.2455	G	3.644	0.05627	0.8962
9	rs10974619	4546448	A	0.3215	0.3493	G	5.903	0.01512	0.8826
9	rs10815046	4631755	A	0.1299	0.116	G	3.236	0.07202	1.138
9	rs12685759	4685004	C	0.05648	0.06736	A	3.294	0.06954	0.8288
9	rs12349032	4752215	A	0.06712	0.05514	G	4.613	0.03172	1.233
9	rs7032487	4856010	C	0.4478	0.4197	A	5.582	0.01814	1.121
9	rs10815099	4866202	A	0.4694	0.4936	G	4.024	0.04486	0.9076
9	rs2181146	5350293	A	0.09459	0.1076	C	3.059	0.08027	0.8664
9	rs1535453	5400624	G	0.03771	0.05099	A	6.458	0.01105	0.7293
9	rs7035294	5407881	G	0.05986	0.0482	A	4.985	0.02557	1.257
9	rs2890658	5455130	A	0.07335	0.09138	C	6.884	0.008699	0.7871
9	rs17580721	6007252	G	0.1436	0.1235	A	6.3	0.01208	1.19
9	rs10758823	7078043	A	0.2296	0.2468	G	2.76	0.09665	0.9095
9	rs2820953	7223161	G	0.2775	0.2597	A	2.814	0.09343	1.095
9	rs1926359	7365925	G	0.4091	0.4347	A	4.596	0.03204	0.9004
9	rs10976510	7678438	A	0.1584	0.1744	G	3.106	0.07803	0.8908
9	rs327759	7795650	A	0.2188	0.2375	G	3.348	0.06729	0.8993
9	rs7851742	7865024	A	0.1321	0.1493	G	4.072	0.04359	0.8671
9	rs10815718	7925389	G	0.1641	0.185	A	5.046	0.02468	0.8647
9	rs10114301	8302318	C	0.03015	0.01977	A	9.024	0.002665	1.541
9	rs3903826	8398803	G	0.1515	0.1695	A	3.996	0.04562	0.8749
9	rs12348387	8418332	C	0.02322	0.03326	A	5.589	0.01807	0.6909
9	rs1323590	8445942	A	0.189	0.1636	G	8.04	0.004576	1.192
9	rs1549997	8771034	A	0.1636	0.1851	C	5.334	0.02091	0.8612
9	rs7022702	8966241	A	0.2154	0.1961	G	4.033	0.04461	1.125
9	rs1889107	9347065	G	0.2389	0.2186	A	4.122	0.04234	1.122
9	rs3904501	9354637	A	0.2394	0.2672	C	6.853	0.008847	0.8633

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9	rs1537812	10454815	G	0.1419	0.1584	A	3.539	0.05993	0.8789
9	rs11999029	11850446	G	0.1202	0.1353	A	3.401	0.06516	0.8729
9	rs1332071	12978126	G	0.291	0.2715	A	3.267	0.07069	1.101
9	rs17273416	13204871	A	0.02786	0.03993	C	6.772	0.009261	0.6891
9	rs10961084	13475035	A	0.03044	0.02405	G	2.926	0.08716	1.274
9	rs4740554	13678437	C	0.09194	0.1054	A	3.338	0.06768	0.8597
9	rs1977235	14011990	A	0.2189	0.2362	G	2.865	0.09052	0.9063
9	rs13302756	14020625	A	0.324	0.3025	G	3.782	0.05181	1.105
9	rs3920568	14026242	G	0.4126	0.4333	A	2.99	0.08376	0.9189
9	rs10961356	14044617	G	0.1063	0.09233	A	3.956	0.04672	1.169
9	rs512477	14057281	G	0.402	0.4352	A	7.756	0.005353	0.8724
9	rs1322987	14234753	G	0.3621	0.3869	A	4.481	0.03427	0.8995
9	rs10810121	14257285	A	0.09452	0.08211	C	3.47	0.06248	1.167
9	rs10961473	14302724	G	0.2887	0.3103	A	3.77	0.05218	0.9022
9	rs13295646	14332890	G	0.2921	0.3109	A	2.876	0.08991	0.9143
9	rs1998495	14458321	A	0.2433	0.261	G	2.828	0.09265	0.9101
9	rs10491773	14462090	G	0.0295	0.04292	A	7.798	0.005231	0.6779
9	rs4415414	14768244	A	0.126	0.1126	C	3.067	0.07991	1.137
9	rs16932518	15007840	C	0.0778	0.06698	A	3.163	0.07533	1.175
9	rs13290110	15076386	A	0.1047	0.08768	C	6.072	0.01373	1.216
9	rs686030	15294782	C	0.1224	0.1407	A	4.815	0.02821	0.852
9	rs7870630	15340556	G	0.1889	0.2141	A	6.613	0.01013	0.8545
9	rs2026662	16050746	G	0.3194	0.34	A	3.278	0.07021	0.9109
9	rs10511616	16202766	G	0.213	0.1964	A	3.001	0.08319	1.108
9	rs4130993	16351171	A	0.07645	0.06269	G	5.424	0.01986	1.238
9	rs17739929	16618828	G	0.1017	0.08676	A	4.75	0.0293	1.191
9	rs7870334	17426801	A	0.07224	0.08919	G	6.217	0.01265	0.7952
9	rs2593382	17444799	A	0.3937	0.4159	G	3.519	0.06067	0.9118
9	rs4961568	17502138	A	0.3829	0.3606	G	3.697	0.05452	1.1
9	rs4474113	17864093	G	0.08817	0.1012	A	3.23	0.0723	0.8591
9	rs2891126	18236545	G	0.2997	0.3199	A	3.21	0.0732	0.9098
9	rs10963684	18621044	A	0.1347	0.1495	G	2.988	0.08386	0.8856
9	rs944717	18722114	C	0.3619	0.3407	A	3.441	0.06358	1.098
9	rs12340428	18840632	G	0.1506	0.1677	A	3.622	0.05703	0.8802
9	rs934475	18871929	A	0.1219	0.1075	G	3.662	0.05567	1.153
9	rs2046841	19122051	G	0.2002	0.1759	A	6.917	0.008538	1.172
9	rs10757060	19436853	G	0.4634	0.4414	A	3.357	0.06694	1.093
9	rs7036497	19560345	C	0.08626	0.09934	A	3.338	0.06769	0.8559
9	rs7040903	19656510	A	0.453	0.4753	G	3.415	0.06459	0.9145
9	rs7866455	20076856	G	0.436	0.41	A	4.78	0.0288	1.112
9	rs10811316	20085103	G	0.3525	0.3253	A	5.786	0.01616	1.13
9	rs4478647	20166715	A	0.1684	0.1516	G	3.729	0.05347	1.133
9	rs1456961	20261492	A	0.03926	0.03084	C	3.97	0.04633	1.284
9	rs6475430	20420468	G	0.06089	0.07542	A	5.327	0.021	0.7949
9	rs12346032	20502663	C	0.05315	0.06528	A	4.24	0.03947	0.8037
9	rs2073854	20613446	A	0.08884	0.1011	C	2.892	0.089	0.8668

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9	rs13290184	20645564	A	0.02993	0.03785	C	3.04	0.08121	0.7842
9	rs10118669	21123282	A	0.322	0.3421	G	3.115	0.07756	0.9132
9	rs10811568	21533444	G	0.1105	0.09647	A	3.856	0.04956	1.164
9	rs7026552	21571712	A	0.09349	0.07951	C	4.527	0.03336	1.194
9	rs10125400	21664147	C	0.1712	0.1873	A	2.963	0.08519	0.896
9	rs11792897	22206506	G	0.02735	0.03657	A	4.278	0.03862	0.7408
9	rs2891171	22525511	A	0.1534	0.133	G	6.11	0.01344	1.181
9	rs1339155	23184166	C	0.09265	0.07989	A	3.751	0.05277	1.176
9	rs10511724	23410202	G	0.2184	0.2008	A	3.302	0.06919	1.112
9	rs10511730	23553772	A	0.07843	0.09215	G	3.94	0.04714	0.8384
9	rs1376141	23877854	G	0.01342	0.02214	A	6.33	0.01187	0.6007
9	rs12345327	24322121	G	0.2172	0.2438	A	6.671	0.009798	0.8607
9	rs10812054	24485241	G	0.47	0.4995	A	5.987	0.01441	0.8886
9	rs12341864	24615154	G	0.1914	0.2077	A	2.778	0.09556	0.9034
9	rs1329851	24616089	C	0.3719	0.3445	A	5.679	0.01717	1.127
9	rs11998852	24735911	C	0.05072	0.04171	A	3.42	0.06443	1.228
9	rs1231343	25732531	A	0.2766	0.2556	G	3.978	0.04609	1.114
9	rs16910176	26107767	G	0.02219	0.02912	A	3.012	0.08266	0.7564
9	rs989494	26307242	C	0.03671	0.04489	A	2.739	0.09794	0.8108
9	rs4978103	26741369	A	0.1285	0.1428	G	2.935	0.0867	0.8846
9	rs10967753	27158704	A	0.5186	0.4964	G	3.407	0.06491	1.093
9	rs3739542	27162838	C	0.3115	0.2858	A	5.55	0.01848	1.131
9	rs666478	27163180	G	0.453	0.4742	A	3.094	0.0786	0.9185
9	rs1407300	27220196	G	0.04386	0.03574	A	3.226	0.07248	1.238
9	rs2225389	27399264	C	0.1086	0.09274	A	5.055	0.02455	1.192
9	rs10967964	27485920	A	0.1028	0.1195	C	4.648	0.0311	0.8439
9	rs17779794	27600116	G	0.1099	0.09468	A	4.594	0.03208	1.181
9	rs12555345	27620562	G	0.3665	0.3916	A	4.585	0.03226	0.8986
9	rs10812628	27621390	A	0.275	0.2524	G	4.656	0.03094	1.124
9	rs12684725	28018549	G	0.1414	0.1563	A	2.947	0.08605	0.8886
9	rs12376733	28078084	A	0.06774	0.07917	G	3.133	0.07673	0.8451
9	rs10491893	28369412	G	0.1249	0.1114	A	3.109	0.07786	1.138
9	rs10123691	28491039	C	0.1751	0.1573	A	4.059	0.04394	1.137
9	rs10757753	28506764	A	0.3958	0.4228	C	5.18	0.02285	0.8941
9	rs10491885	28507137	G	0.281	0.2559	A	5.664	0.01732	1.136
9	rs10969681	30438896	A	0.1187	0.1445	G	9.48	0.002077	0.7971
9	rs10970427	31563759	G	0.05837	0.06855	A	2.841	0.09187	0.8423
9	rs1331226	32282317	A	0.107	0.09304	C	3.883	0.04879	1.168
9	rs12552198	32915505	G	0.4803	0.4496	A	6.532	0.01059	1.131
9	rs12237401	33357088	A	0.3311	0.3122	G	2.849	0.09143	1.09
9	rs3739680	33455928	G	0.1601	0.1786	A	4.028	0.04475	0.8771
9	rs13302285	34221547	G	0.06605	0.05572	A	3.432	0.06395	1.198
9	rs13301559	34494017	A	0.1899	0.1718	G	3.927	0.04753	1.13
9	rs12553466	34547313	A	0.1699	0.1899	G	4.499	0.03391	0.8734
9	rs12551214	35623795	G	0.09443	0.07541	A	8.727	0.003135	1.278
9	rs1339374	35650990	A	0.1858	0.2027	G	3.045	0.08098	0.8979

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9	rs2890719	35893317	A	0.06398	0.05424	G	3.134	0.07668	1.192
9	rs10814323	36021610	A	0.2281	0.2112	G	2.927	0.08712	1.103
9	rs4879983	36285756	A	0.4309	0.399	C	7.294	0.006917	1.14
9	rs1887434	36717652	A	0.1858	0.2035	G	3.365	0.06661	0.8931
9	rs752357	36734752	G	0.3401	0.3634	A	4.015	0.0451	0.903
9	rs727653	36780042	A	0.3002	0.3232	G	4.19	0.04066	0.8982
9	rs4326462	36845486	A	0.5088	0.4883	G	2.896	0.08881	1.085
9	rs765567	37380964	A	0.4437	0.4233	G	2.942	0.08631	1.087
9	rs13301493	37682108	G	0.0563	0.06676	A	3.073	0.07961	0.8341
9	rs1359590	37719786	A	0.2307	0.2099	G	4.434	0.03524	1.128
9	rs7047051	38010944	A	0.2281	0.2059	C	5.143	0.02334	1.14
9	rs10973694	38177008	A	0.4732	0.4529	G	2.856	0.09106	1.085
9	rs2057374	38271314	C	0.4985	0.4723	A	4.724	0.02975	1.11
9	rs1033794	38355696	C	0.4673	0.4942	A	4.977	0.02569	0.8977
9	rs10973770	38370389	A	0.1316	0.1185	G	2.813	0.09353	1.127
9	rs4242647	38383209	A	0.128	0.1455	G	4.335	0.03733	0.8615
9	rs2073478	38386065	C	0.3657	0.3876	A	3.477	0.06224	0.9111
9	rs4878199	38386502	G	0.03509	0.0457	A	4.569	0.03256	0.7593
9	rs10814700	38468011	A	0.5021	0.4814	C	2.954	0.08569	1.086
9	rs9695818	38680424	G	0.3177	0.34	A	3.842	0.04998	0.9038
9	rs17063341	71088347	G	0.09834	0.08657	A	2.978	0.08441	1.151
9	rs7861316	71158550	G	0.5201	0.494	A	4.702	0.03013	1.11
9	rs1328158	72598922	C	0.1594	0.1778	A	4.011	0.04521	0.8772
9	rs1328155	72600360	A	0.2239	0.2065	G	3.168	0.0751	1.109
9	rs2152757	72668375	A	0.1816	0.2063	G	6.467	0.01099	0.854
9	rs2993010	72673741	A	0.4505	0.4247	G	4.683	0.03047	1.11
9	rs7851915	72690677	A	0.4555	0.4249	G	6.616	0.01011	1.133
9	rs1558924	72788128	A	0.2534	0.2743	G	3.831	0.05031	0.8976
9	rs4744648	73724420	G	0.04592	0.05852	A	5.084	0.02414	0.7743
9	rs17058153	74596979	G	0.03251	0.02455	A	4.408	0.03578	1.335
9	rs11788407	74935268	G	0.06095	0.07414	A	4.452	0.03487	0.8105
9	rs10512023	75379683	G	0.3688	0.3884	A	2.798	0.0944	0.92
9	rs17661520	75451980	A	0.09049	0.1055	G	4.182	0.04085	0.8433
9	rs4745257	75582705	C	0.06089	0.04898	A	5.126	0.02357	1.259
9	rs10781187	75922585	C	0.08678	0.07109	A	6.281	0.0122	1.242
9	rs966266	75977411	G	0.2879	0.2702	A	2.737	0.09807	1.092
9	rs12352112	76457440	A	0.04283	0.05268	G	3.421	0.06439	0.8046
9	rs4145894	76597456	A	0.157	0.1765	G	4.543	0.03305	0.8691
9	rs4745367	76733368	G	0.2557	0.238	A	2.963	0.08519	1.1
9	rs4745380	76935819	G	0.2699	0.2464	A	5.082	0.02418	1.131
9	rs1081877	76972337	G	0.4209	0.4438	A	3.66	0.05573	0.9109
9	rs2778899	77303489	A	0.1563	0.1759	C	4.621	0.03159	0.8675
9	rs11144480	77348105	A	0.05114	0.06476	G	5.397	0.02017	0.7783
9	rs7034675	77353054	A	0.4336	0.4129	G	3.025	0.08199	1.088
9	rs2376973	77408961	A	0.06295	0.05284	G	3.455	0.06308	1.204
9	rs12344488	77615745	A	0.0772	0.06716	G	2.727	0.09869	1.162

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9	rs10869664	77686562	C	0.2564	0.2381	A	3.194	0.0739	1.104
9	rs2377423	77692554	A	0.2162	0.2364	G	3.908	0.04805	0.8912
9	rs10869699	77916062	C	0.1105	0.09674	A	3.702	0.05436	1.16
9	rs2261557	78053368	G	0.4902	0.4688	A	3.156	0.07565	1.089
9	rs2262121	78099497	C	0.4198	0.4462	A	4.874	0.02727	0.8979
9	rs2490591	78109207	C	0.1868	0.2057	A	3.814	0.05082	0.8868
9	rs7854501	78281558	A	0.03148	0.03932	C	2.868	0.09038	0.7941
9	rs11144942	78336429	A	0.2456	0.2259	G	3.799	0.05129	1.116
9	rs10781366	78341685	A	0.2932	0.3119	G	2.813	0.09352	0.9152
9	rs11145002	78469657	G	0.07688	0.06679	A	2.775	0.09575	1.164
9	rs10869830	78633834	A	0.1746	0.1567	G	4.122	0.04233	1.138
9	rs990000	79276354	G	0.2095	0.1909	A	3.834	0.05024	1.123
9	rs636562	79324225	A	0.3955	0.4262	G	6.624	0.01006	0.8808
9	rs17787781	80058679	A	0.06605	0.05596	G	3.264	0.07082	1.193
9	rs7870042	80455200	C	0.1538	0.1719	A	4.042	0.04438	0.8751
9	rs1929877	80604507	A	0.3111	0.3369	G	5.159	0.02313	0.8889
9	rs1036598	80818764	A	0.264	0.2302	G	10.96	0.0009314	1.199
9	rs198219	81706992	C	0.3216	0.3416	A	3.064	0.08006	0.9138
9	rs17729039	81752004	A	0.1275	0.1127	C	3.677	0.05517	1.15
9	rs10867451	81793443	G	0.391	0.36	A	7.147	0.007508	1.141
9	rs10115041	81843886	A	0.08978	0.07355	G	6.53	0.01061	1.243
9	rs17180299	82134022	G	0.06605	0.05453	A	4.345	0.03713	1.226
9	rs892686	82233196	A	0.4562	0.4783	G	3.34	0.0676	0.9151
9	rs12236640	82469314	G	0.3759	0.3562	A	2.911	0.08795	1.089
9	rs2779627	82889639	A	0.2068	0.1907	G	2.882	0.08957	1.107
9	rs10116365	83196041	A	0.13	0.116	G	3.274	0.07038	1.139
9	rs1590840	83213793	G	0.03199	0.0402	A	3.081	0.0792	0.789
9	rs864631	83357978	A	0.07895	0.1015	G	9.826	0.00172	0.7589
9	rs2777774	83398167	A	0.2905	0.3126	C	3.938	0.04722	0.9004
9	rs12336557	83584331	A	0.1125	0.1283	C	3.891	0.04855	0.8613
9	rs7049209	84226637	G	0.0656	0.07789	A	3.683	0.05498	0.8311
9	rs10115371	85000730	G	0.2021	0.2187	A	2.813	0.09348	0.9045
9	rs4145727	85248784	A	0.1364	0.1232	G	2.716	0.09935	1.123
9	rs11140109	85267948	G	0.1775	0.1611	A	3.4	0.06521	1.124
9	rs7043959	85317359	A	0.2379	0.2675	G	7.785	0.005267	0.8547
9	rs1898321	85872135	G	0.06244	0.07739	A	5.51	0.01891	0.7939
9	rs1246264	85951601	A	0.29	0.3102	G	3.32	0.06844	0.9081
9	rs17080621	86587924	A	0.02374	0.03561	G	7.343	0.006734	0.6584
9	rs2083828	86636865	A	0.4603	0.4917	C	6.836	0.008934	0.8814
9	rs1899637	86765828	A	0.06767	0.08281	G	5.305	0.02127	0.8038
9	rs11140942	87174454	G	0.08075	0.06954	A	3.286	0.06986	1.175
9	rs353807	88216358	G	0.3576	0.3794	A	3.51	0.06101	0.9103
9	rs17051878	88220728	C	0.08927	0.1015	A	2.882	0.08956	0.8673
9	rs353822	88250829	G	0.3755	0.349	A	5.295	0.02139	1.122
9	rs7864375	88537034	A	0.03874	0.02958	G	4.878	0.02721	1.322
9	rs2274561	88562610	G	0.1743	0.1589	A	3.007	0.08291	1.117

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9	rs374503	88611989	G	0.2808	0.2607	A	3.561	0.05916	1.107
9	rs10868516	88785973	A	0.1219	0.1403	G	4.918	0.02658	0.8504
9	rs721936	89472969	A	0.3369	0.358	G	3.334	0.06788	0.9113
9	rs10868644	89479756	A	0.1011	0.1138	G	2.781	0.09537	0.876
9	rs3898637	89790823	G	0.1113	0.09631	A	4.366	0.03667	1.175
9	rs538970	89863998	A	0.1158	0.1302	G	3.183	0.0744	0.875
9	rs7030322	89910321	A	0.3729	0.3536	G	2.806	0.0939	1.087
9	rs2039387	90288687	A	0.1146	0.1341	G	5.78	0.01621	0.8351
9	rs17080818	90518427	C	0.4876	0.4655	A	3.383	0.06588	1.093
9	rs11137440	90697710	A	0.09391	0.1138	G	6.908	0.008583	0.8068
9	rs10908893	91306922	A	0.04747	0.0573	G	3.142	0.07632	0.8199
9	rs9696601	91594388	G	0.1192	0.1038	A	4.339	0.03724	1.169
9	rs1443365	91724252	G	0.07549	0.09492	A	7.724	0.005448	0.7786
9	rs10991799	91843986	A	0.1534	0.1394	G	2.792	0.09472	1.119
9	rs7023271	92006945	A	0.03096	0.0227	G	5.101	0.02391	1.375
9	rs10123250	92200880	G	0.08574	0.0643	A	12.74	0.0003588	1.365
9	rs7855964	92645924	A	0.2515	0.2719	G	3.632	0.05669	0.8999
9	rs10993711	92651558	A	0.3335	0.3139	G	3.058	0.08036	1.094
9	rs1049164	92698027	A	0.2143	0.1943	G	4.368	0.03662	1.131
9	rs10512203	92698855	A	0.07121	0.0842	C	3.838	0.05012	0.8338
9	rs1460829	92728259	A	0.04141	0.03407	G	2.75	0.09723	1.225
9	rs7024443	93204194	A	0.1235	0.1071	C	4.751	0.02929	1.174
9	rs7466603	93523019	A	0.2769	0.3121	G	10.05	0.001527	0.8438
9	rs10992498	94664711	A	0.1718	0.1553	C	3.537	0.06001	1.128
9	rs12375973	94893834	G	0.1682	0.152	A	3.471	0.06245	1.128
9	rs7862156	96844985	G	0.1238	0.1052	A	6.232	0.01254	1.202
9	rs4743559	97925588	G	0.1909	0.1728	A	3.949	0.04691	1.13
9	rs12341515	97943990	A	0.07792	0.06512	G	4.553	0.03287	1.213
9	rs10819936	97966241	G	0.1245	0.1068	A	5.536	0.01863	1.189
9	rs11788785	98071449	A	0.125	0.147	G	6.756	0.009344	0.8288
9	rs16911376	98391066	G	0.02064	0.02717	A	2.858	0.09095	0.7545
9	rs10982558	99334966	A	0.0155	0.02383	C	5.343	0.02081	0.6448
9	rs7871887	99611263	G	0.155	0.1405	A	2.947	0.08604	1.122
9	rs6478563	99904740	G	0.2616	0.2341	A	7.236	0.007145	1.159
9	rs10760120	99908721	G	0.4891	0.4629	A	4.74	0.02946	1.111
9	rs3780465	99945479	A	0.09185	0.1066	G	4.018	0.04501	0.8472
9	rs7043006	100140610	G	0.1214	0.1418	A	5.96	0.01464	0.8364
9	rs7857537	100337976	G	0.03973	0.03085	A	4.414	0.03564	1.3
9	rs6415847	100573041	G	0.02838	0.03638	A	3.223	0.0726	0.7737
9	rs6478963	100747971	G	0.3266	0.3083	A	2.708	0.09983	1.088
9	rs10988705	100908392	A	0.05315	0.04184	G	5.35	0.02073	1.285
9	rs478061	100970814	A	0.2183	0.2491	G	8.833	0.002958	0.8418
9	rs10988748	101001331	A	0.08058	0.09528	G	4.389	0.03618	0.8322
9	rs10989395	102891193	A	0.01806	0.02571	G	4.163	0.04132	0.697
9	rs2993805	102901173	G	0.4421	0.4762	A	8.027	0.004607	0.8718
9	rs2026362	103280575	A	0.07593	0.08769	G	3.02	0.08225	0.8549

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9	rs4743486	103562029	A	0.03509	0.04756	G	6.096	0.01355	0.7281
9	rs4348562	103748530	A	0.1989	0.2158	C	2.936	0.08662	0.9021
9	rs7875761	104459820	G	0.22	0.2036	A	2.846	0.09162	1.103
9	rs10990268	104542319	G	0.1556	0.1304	A	9.515	0.002038	1.23
9	rs843162	104884800	C	0.5223	0.4955	A	4.928	0.02642	1.113
9	rs16922610	105005504	C	0.2157	0.2345	A	3.439	0.06366	0.8975
9	rs10820413	105166690	G	0.2183	0.201	A	3.179	0.0746	1.11
9	rs884258	106096998	A	0.3106	0.3336	G	4.106	0.04273	0.9002
9	rs4149319	106613578	A	0.01703	0.02347	G	3.219	0.07278	0.7208
9	rs2575875	106702315	A	0.3529	0.3969	G	14	0.0001826	0.8288
9	rs1561165	106760117	G	0.1088	0.09621	A	3.062	0.08015	1.147
9	rs2185414	106776888	A	0.444	0.4207	G	3.835	0.05019	1.1
9	rs1979021	106980558	A	0.2896	0.2639	C	5.799	0.01604	1.137
9	rs2417648	107677274	A	0.04184	0.03384	G	3.289	0.06975	1.247
9	rs17285571	107780437	G	0.03413	0.04445	A	4.432	0.03526	0.7595
9	rs4336667	107780482	G	0.4528	0.4331	A	2.729	0.09855	1.083
9	rs1400436	107872011	A	0.1863	0.1708	G	2.911	0.088	1.112
9	rs16925523	108307411	A	0.1378	0.1181	G	6.287	0.01216	1.193
9	rs10816406	108419734	A	0.09814	0.0804	G	7.182	0.007363	1.245
9	rs1519039	108994633	A	0.06936	0.05958	G	2.887	0.08928	1.176
9	rs2680198	109011312	A	0.1572	0.1418	C	3.291	0.06967	1.128
9	rs10739244	109228018	A	0.1482	0.1336	G	3.154	0.07576	1.129
9	rs12684050	109235168	A	0.1132	0.09658	C	5.38	0.02037	1.194
9	rs1832741	109281350	A	0.4427	0.4667	G	3.978	0.0461	0.9079
9	rs10816531	109361592	A	0.08927	0.1082	G	6.547	0.01051	0.8075
9	rs12682930	109419388	A	0.06553	0.07682	C	3.147	0.07608	0.8427
9	rs12338922	109521846	A	0.1617	0.1768	G	2.744	0.09759	0.8977
9	rs10217338	109528469	A	0.2887	0.3223	G	8.92	0.002821	0.8537
9	rs7863292	109537056	A	0.03354	0.02576	G	4.031	0.04467	1.312
9	rs7852099	109677253	C	0.1844	0.1655	A	4.404	0.03586	1.14
9	rs10512369	109805180	A	0.2487	0.2181	G	9.35	0.00223	1.187
9	rs10481656	109876105	A	0.4195	0.3833	G	9.512	0.002041	1.163
9	rs11795133	110285669	A	0.05986	0.05095	C	2.776	0.09569	1.186
9	rs13286453	110422763	A	0.03302	0.04108	G	2.902	0.08849	0.7972
9	rs2417923	110476407	G	0.1188	0.1057	A	3.081	0.07923	1.14
9	rs10448264	110653174	A	0.05424	0.06589	G	3.872	0.0491	0.813
9	rs4978780	111007393	A	0.4835	0.462	G	3.195	0.07388	1.09
9	rs3793532	111232159	C	0.2812	0.2612	A	3.574	0.05868	1.107
9	rs952928	111399279	G	0.0547	0.0648	A	2.952	0.08575	0.8351
9	rs10816924	111904290	A	0.1024	0.0882	G	4.2	0.04042	1.18
9	rs10816965	112108911	G	0.08626	0.1011	A	4.235	0.0396	0.8394
9	rs1998975	112126834	G	0.2023	0.1826	A	4.416	0.0356	1.135
9	rs17806765	112269232	C	0.1756	0.1935	A	3.531	0.06024	0.8882
9	rs2151685	112294952	C	0.1228	0.1054	A	5.452	0.01954	1.188
9	rs1889325	112295365	A	0.5201	0.4918	G	5.54	0.01859	1.12
9	rs7049083	112503039	A	0.1073	0.09514	G	2.895	0.08886	1.143

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9	rs12553421	112622493	C	0.06244	0.07279	A	2.782	0.09534	0.8482
9	rs4978958	112637621	A	0.3237	0.2966	C	6.022	0.01413	1.135
9	rs12342832	112704257	A	0.1233	0.1062	G	5.219	0.02234	1.183
9	rs2287005	112831134	G	0.01703	0.02429	A	3.967	0.04639	0.6958
9	rs691720	113080147	G	0.2206	0.2456	A	5.882	0.01529	0.8691
9	rs315712	113666991	G	0.1135	0.132	A	5.225	0.02226	0.8419
9	rs10981165	113740405	A	0.05934	0.0468	G	5.915	0.01501	1.285
9	rs7041597	113741730	C	0.2692	0.2447	A	5.509	0.01892	1.137
9	rs1408337	113785692	A	0.2183	0.1958	G	5.491	0.01911	1.147
9	rs12338324	113910122	G	0.2766	0.2588	A	2.821	0.09302	1.095
9	rs17755206	114902339	G	0.04287	0.05329	A	3.784	0.05176	0.7958
9	rs10817488	115172916	G	0.3359	0.3603	A	4.455	0.03479	0.8982
9	rs10817494	115405272	C	0.1511	0.1334	A	4.651	0.03103	1.157
9	rs10981869	115462060	A	0.3066	0.3285	G	3.763	0.05238	0.9038
9	rs16908217	115512057	A	0.06198	0.04866	G	6.43	0.01122	1.292
9	rs10817517	115538848	A	0.2774	0.2996	G	4.078	0.04343	0.8973
9	rs1544065	115773004	C	0.1333	0.1575	A	7.707	0.005501	0.8228
9	rs10817572	115931522	A	0.2728	0.2537	C	3.287	0.06985	1.103
9	rs1808630	115943609	A	0.1301	0.1539	G	7.592	0.005863	0.8218
9	rs2043195	115944355	A	0.3695	0.3495	G	2.998	0.08337	1.09
9	rs2002284	115948274	A	0.1651	0.1502	G	2.993	0.08363	1.119
9	rs13290696	116007226	A	0.114	0.09958	C	3.964	0.04648	1.164
9	rs17807115	116296288	G	0.0614	0.07176	A	2.822	0.09299	0.8462
9	rs4979424	116348873	A	0.0594	0.04756	G	5.198	0.02261	1.265
9	rs11790825	116531680	A	0.1522	0.1329	G	5.54	0.01858	1.172
9	rs10817686	116739671	G	0.468	0.448	A	2.795	0.09456	1.084
9	rs10982617	117022060	A	0.03977	0.03179	G	3.472	0.06241	1.261
9	rs849026	117095032	A	0.2848	0.3072	G	4.082	0.04333	0.8981
9	rs1157836	117108543	G	0.4561	0.4362	A	2.759	0.09671	1.084
9	rs10982853	117444994	A	0.1476	0.1213	G	10.93	0.0009478	1.254
9	rs10817854	117766001	G	0.0289	0.0395	A	5.266	0.02175	0.7235
9	rs11788366	118302449	A	0.07327	0.06328	G	2.86	0.0908	1.17
9	rs10817960	118727882	A	0.1816	0.1662	G	2.932	0.08683	1.113
9	rs1928994	118782795	G	0.2515	0.2266	A	6.069	0.01376	1.147
9	rs10817972	118808393	A	0.1197	0.1053	G	3.779	0.05189	1.156
9	rs13297784	118905586	G	0.1352	0.1552	A	5.318	0.0211	0.8511
9	rs13283855	118945404	G	0.04334	0.05348	A	3.571	0.05879	0.8019
9	rs10983627	119141959	G	0.06663	0.07811	A	3.199	0.07367	0.8426
9	rs549493	119316917	G	0.09194	0.07567	A	6.387	0.0115	1.237
9	rs559135	119342663	A	0.2113	0.1953	G	2.789	0.09489	1.104
9	rs1887904	119430103	A	0.3506	0.3255	C	4.902	0.02683	1.119
9	rs7866830	119542086	A	0.2337	0.2064	G	7.788	0.00526	1.173
9	rs10739508	119636032	G	0.4729	0.4955	A	3.49	0.06176	0.9135
9	rs2722824	119771946	C	0.2497	0.276	A	5.984	0.01443	0.8733
9	rs7036491	120361322	A	0.2887	0.2694	G	3.254	0.07123	1.101
9	rs1360809	120439050	G	0.06906	0.05789	A	3.847	0.04983	1.207

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9	rs1508376	120452035	A	0.01754	0.02564	G	4.684	0.03044	0.6786
9	rs11794075	120842902	G	0.07358	0.08931	A	5.327	0.02099	0.8098
9	rs17534	121074859	G	0.3375	0.3141	A	4.355	0.0369	1.112
9	rs10513350	121564258	G	0.07808	0.09419	A	5.329	0.02097	0.8145
9	rs1156214	121995064	C	0.2647	0.2373	A	7.103	0.007695	1.157
9	rs7036213	122055037	G	0.1667	0.1492	A	4.116	0.04247	1.141
9	rs11998820	122119776	A	0.03005	0.02379	G	2.819	0.09318	1.271
9	rs2269066	122776839	A	0.1159	0.09828	G	5.951	0.01471	1.203
9	rs9408928	122991738	G	0.06914	0.05613	A	5.388	0.02028	1.249
9	rs306772	123132176	A	0.2043	0.1862	G	3.699	0.05445	1.122
9	rs4304393	123705191	A	0.4731	0.497	C	3.94	0.04715	0.9086
9	rs2039197	123988867	A	0.2781	0.2558	G	4.468	0.03453	1.121
9	rs3793621	124023946	G	0.2807	0.3161	A	10.06	0.001519	0.8444
9	rs11794068	124046443	C	0.02683	0.03663	A	4.828	0.028	0.7252
9	rs10513401	124160170	G	0.3066	0.2862	A	3.487	0.06186	1.103
9	rs2416864	124293834	A	0.1572	0.1723	G	2.789	0.09493	0.8958
9	rs237623	124465390	A	0.1192	0.1055	G	3.383	0.06589	1.147
9	rs7026808	125219620	A	0.1011	0.0886	G	3.311	0.06881	1.157
9	rs7021780	125704484	G	0.04184	0.02753	A	12.48	0.0004105	1.542
9	rs10986215	125908645	A	0.2123	0.1891	G	6	0.01431	1.156
9	rs430397	127040940	A	0.08471	0.07365	G	3.048	0.08086	1.164
9	rs551938	127462849	A	0.25	0.2684	G	2.98	0.08431	0.9087
9	rs2041944	127906083	A	0.4716	0.4927	G	3.075	0.07949	0.9189
9	rs10987236	128099035	G	0.2619	0.2805	A	2.959	0.08541	0.9103
9	rs12344758	128116245	G	0.1374	0.1224	A	3.587	0.05822	1.142
9	rs2417022	128293282	G	0.08462	0.09822	A	3.65	0.05607	0.8488
9	rs2235055	128416897	A	0.0698	0.06025	G	2.729	0.09852	1.17
9	rs3003610	130025346	G	0.4804	0.4573	A	3.682	0.055	1.097
9	rs13296720	131354622	C	0.03053	0.03978	A	3.889	0.04859	0.7601
9	rs1220652	131398648	A	0.1662	0.1445	G	6.453	0.01108	1.18
9	rs2542242	131406657	G	0.4974	0.4763	A	3.082	0.07916	1.088
9	rs10819557	131489577	G	0.4271	0.4584	A	6.81	0.009066	0.8808
9	rs920658	131552056	A	0.08678	0.0759	G	2.866	0.09047	1.157
9	rs10760653	131816845	G	0.2642	0.2834	A	3.151	0.07589	0.9078
9	rs10819588	131822151	G	0.1603	0.1406	A	5.459	0.01947	1.167
9	rs1407568	131891922	A	0.07032	0.08619	G	5.608	0.01788	0.802
9	rs7849345	131984366	A	0.4649	0.4866	G	3.244	0.0717	0.9167
9	rs868964	132011641	A	0.07492	0.09368	G	7.239	0.007134	0.7835
9	rs7852859	132034981	G	0.14	0.1222	A	5.001	0.02534	1.169
9	rs7867693	132043625	A	0.09288	0.1069	G	3.584	0.05835	0.8557
9	rs7028995	132065770	A	0.1631	0.1808	G	3.711	0.05405	0.8826
9	rs7047329	132229317	A	0.08669	0.1019	G	4.411	0.03571	0.8368
9	rs1545229	132539954	A	0.4907	0.4684	G	3.452	0.06317	1.094
9	rs4740392	132854767	A	0.1632	0.1814	G	3.869	0.04919	0.8802
9	rs11244245	132875863	G	0.1156	0.103	A	2.94	0.08642	1.139
9	rs10901333	132917699	G	0.4536	0.4742	A	2.961	0.08532	0.9202

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9	rs7852711	133223089	G	0.3946	0.3721	A	3.732	0.05337	1.1
9	rs10901086	133624855	A	0.09856	0.08363	G	4.928	0.02643	1.198
9	rs944614	134287585	A	0.07335	0.08489	G	2.998	0.08338	0.8532
9	rs2809246	134770109	A	0.04231	0.03243	G	5.196	0.02264	1.318
9	rs7036106	134840395	A	0.2076	0.2273	G	3.841	0.05003	0.8904
9	rs608604	134892783	A	0.3111	0.2904	G	3.581	0.05843	1.104
9	rs611983	135003463	A	0.07069	0.0599	G	3.503	0.06126	1.194
9	rs11244015	135030650	G	0.1197	0.1009	A	6.596	0.01022	1.212
9	rs624960	135164872	A	0.2195	0.2472	G	7.154	0.007478	0.8566
9	rs3025351	135469392	A	0.07477	0.06147	G	5.141	0.02336	1.234
9	rs10993874	135479360	A	0.1589	0.1357	G	7.847	0.005091	1.204
9	rs2797853	135502336	A	0.3189	0.3441	G	4.871	0.0273	0.8925
9	rs2492062	135824807	A	0.0391	0.03147	G	3.181	0.07452	1.252
9	rs1075654	135918097	A	0.08781	0.1003	G	2.996	0.08349	0.8639
9	rs914852	136296563	A	0.1192	0.1337	G	3.146	0.07613	0.8772
9	rs7848672	136303076	A	0.2002	0.1741	G	8.048	0.004555	1.187
9	rs7859229	136526850	A	0.09598	0.08144	G	4.785	0.0287	1.197
9	rs7862997	136625697	G	0.1016	0.1185	A	4.774	0.02889	0.841
9	rs13297471	136989843	G	0.25	0.2678	A	2.801	0.09423	0.9112
9	rs10776925	137047169	G	0.454	0.4887	A	8.318	0.003926	0.8699
9	rs4841959	137191964	A	0.3344	0.3097	G	4.902	0.02683	1.12
9	rs10512419	137270826	A	0.1238	0.1104	G	3.141	0.07635	1.139
9	rs1778986	137329399	A	0.1238	0.1067	G	5.214	0.02241	1.183
9	rs13295025	137565129	A	0.1849	0.1688	C	3.162	0.07538	1.117
9	rs895190	137585934	G	0.2497	0.2693	A	3.382	0.0659	0.903
9	rs4842008	137622530	G	0.265	0.286	A	3.747	0.05291	0.9
9	rs10870070	138494773	A	0.1548	0.171	C	3.234	0.07211	0.8877
9	rs7045617	138619531	A	0.03096	0.02448	G	2.945	0.08614	1.273
9	rs3750512	138940889	G	0.3648	0.3857	A	3.187	0.07422	0.9147
10	rs2448378	263344	C	0.05728	0.07357	A	6.877	0.00873	0.765
10	rs3097730	349403	C	0.1334	0.1548	A	6.055	0.01387	0.8408
10	rs7916968	749268	G	0.1033	0.09011	A	3.611	0.05738	1.163
10	rs4880474	1125248	A	0.05031	0.06105	G	3.518	0.06071	0.8148
10	rs10794717	1132424	G	0.1987	0.2258	A	7.342	0.006736	0.85
10	rs2001197	1437951	C	0.2159	0.1926	A	5.959	0.01464	1.154
10	rs2255595	1445543	G	0.4136	0.4395	A	4.719	0.02983	0.8992
10	rs17156353	1495573	A	0.07601	0.06497	G	3.398	0.06527	1.184
10	rs4880914	1736219	A	0.2126	0.1954	G	3.201	0.07357	1.112
10	rs11250783	1810854	A	0.2598	0.2783	G	2.945	0.08612	0.9102
10	rs2892403	1993368	G	0.173	0.1576	A	3.055	0.0805	1.118
10	rs7919956	2330038	A	0.4953	0.47	G	4.438	0.03515	1.107
10	rs17158795	2704278	A	0.146	0.1271	G	5.493	0.0191	1.174
10	rs7908533	2809554	G	0.3834	0.4052	A	3.427	0.06412	0.9125
10	rs17212803	3140314	A	0.08945	0.07458	G	5.408	0.02005	1.219
10	rs1538098	3444147	A	0.2448	0.2247	G	3.943	0.04707	1.118
10	rs10508259	3701459	A	0.38	0.3518	C	6.019	0.01415	1.13

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10	rs10795076	3815343	A	0.1389	0.1549	C	3.366	0.06655	0.8807
10	rs3829203	3858226	A	0.2918	0.3143	G	4.051	0.04415	0.8991
10	rs17135906	3889157	C	0.03575	0.02791	A	3.779	0.05189	1.291
10	rs10795093	3929728	A	0.1087	0.09424	G	4.151	0.04162	1.172
10	rs10904191	4147015	A	0.09427	0.08146	G	3.693	0.05465	1.174
10	rs11252385	4207047	G	0.2815	0.2639	A	2.74	0.09784	1.093
10	rs7922038	4223037	A	0.4231	0.4034	G	2.78	0.09546	1.085
10	rs10904248	4427819	A	0.2833	0.2564	G	6.429	0.01123	1.146
10	rs2127598	4495667	C	0.05217	0.04356	A	3.002	0.08318	1.208
10	rs10904262	4501109	A	0.04395	0.03581	G	3.232	0.07221	1.238
10	rs313451	4679369	G	0.01909	0.0294	A	6.672	0.009794	0.6425
10	rs10508287	4690968	G	0.3285	0.3041	A	4.841	0.0278	1.12
10	rs1838239	4706018	A	0.1366	0.1187	G	5.21	0.02246	1.175
10	rs12251644	4770398	A	0.1471	0.1212	C	10.65	0.001101	1.251
10	rs4881340	4781718	A	0.2038	0.2227	G	3.573	0.05872	0.8936
10	rs9423544	4807965	G	0.2425	0.2254	A	2.873	0.09007	1.1
10	rs11252734	4822149	G	0.02735	0.02054	A	3.836	0.05017	1.341
10	rs2961609	4845238	G	0.2875	0.3083	A	3.506	0.06115	0.9053
10	rs7071257	4916008	A	0.2647	0.2861	G	3.874	0.04903	0.8984
10	rs12572508	5570628	A	0.5202	0.4961	G	3.983	0.04596	1.101
10	rs6601978	5583361	A	0.2681	0.2389	G	8.002	0.004672	1.167
10	rs2386647	5731141	A	0.1049	0.09191	G	3.411	0.06475	1.157
10	rs3750640	5736488	G	0.4345	0.4112	A	3.862	0.04938	1.1
10	rs637452	6276338	G	0.09856	0.1113	A	2.863	0.09066	0.873
10	rs11599520	6321226	G	0.04041	0.03301	A	2.883	0.08951	1.234
10	rs17152987	6358464	G	0.07792	0.09289	A	4.664	0.0308	0.8252
10	rs12570830	6436801	A	0.06037	0.07819	C	7.779	0.005286	0.7575
10	rs10796055	6447466	G	0.226	0.2599	A	10.42	0.001245	0.8313
10	rs7915166	6449508	G	0.3295	0.3518	A	3.747	0.0529	0.9058
10	rs2439909	6869107	C	0.1017	0.08987	A	2.888	0.08923	1.146
10	rs10737016	6905532	G	0.0289	0.03685	A	3.148	0.07603	0.7777
10	rs11528695	6999605	A	0.1136	0.09465	G	7.111	0.007663	1.226
10	rs2892380	7125663	G	0.1455	0.1252	A	6.39	0.01147	1.19
10	rs17142501	7194927	G	0.1352	0.119	A	4.268	0.03884	1.158
10	rs1969825	7261326	G	0.08514	0.09715	A	2.871	0.09018	0.8649
10	rs2692780	7345702	A	0.0743	0.08743	G	3.785	0.05171	0.8378
10	rs2253805	7515567	G	0.05047	0.0415	A	3.384	0.06583	1.228
10	rs7923543	7569637	A	0.2872	0.2656	G	4.077	0.04347	1.114
10	rs11598825	7668437	A	0.2508	0.27	G	3.263	0.07087	0.9048
10	rs1537626	7693130	A	0.2477	0.2286	G	3.54	0.05992	1.111
10	rs7897216	7762854	A	0.4701	0.4402	C	6.255	0.01238	1.128
10	rs7912641	7808227	A	0.06037	0.05127	C	2.888	0.08924	1.189
10	rs11255333	7831547	A	0.09443	0.07963	G	5.059	0.02449	1.205
10	rs6602275	7943739	A	0.04236	0.05377	G	4.512	0.03366	0.7783
10	rs11593082	8080437	G	0.1068	0.09497	A	2.78	0.09545	1.14
10	rs768166	8087556	C	0.128	0.1461	A	4.622	0.03157	0.8574

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10	rs477461	8160149	G	0.1696	0.1456	A	7.886	0.004982	1.199
10	rs1514232	8182713	A	0.3523	0.3316	G	3.3	0.06927	1.096
10	rs11595705	8389081	A	0.09298	0.1053	G	2.83	0.09252	0.8706
10	rs17144046	8646020	G	0.3237	0.2988	A	5.071	0.02433	1.123
10	rs2991819	8894344	G	0.1852	0.1615	A	7.002	0.008143	1.18
10	rs10508372	9012024	A	0.05888	0.07828	G	9.216	0.0024	0.7367
10	rs12412624	9177380	G	0.0274	0.01964	A	5.17	0.02298	1.407
10	rs3151	10544772	A	0.07438	0.08713	G	3.574	0.0587	0.8419
10	rs11256624	10570818	A	0.2183	0.2005	G	3.379	0.06602	1.113
10	rs17148591	10744415	A	0.05676	0.06844	G	3.757	0.05259	0.8191
10	rs10752202	10825445	A	0.3406	0.3631	G	3.81	0.05095	0.9058
10	rs10905843	10926420	C	0.4218	0.4009	A	3.131	0.07682	1.09
10	rs3740196	11337608	A	0.3669	0.3467	G	3.097	0.07842	1.092
10	rs12764425	11783817	G	0.2541	0.2343	A	3.763	0.05241	1.114
10	rs10795878	11790061	G	0.4123	0.4331	A	3.049	0.08081	0.9182
10	rs7475273	11887534	A	0.08738	0.07489	C	3.815	0.05081	1.183
10	rs10906021	11896151	G	0.2216	0.2424	A	4.09	0.04313	0.8897
10	rs12251539	12405881	A	0.07121	0.08667	C	5.307	0.02124	0.8079
10	rs1111060	12616818	A	0.3444	0.3731	G	6.084	0.01364	0.8827
10	rs10906164	12620521	G	0.02167	0.02818	A	2.739	0.09793	0.7638
10	rs2815638	12622790	A	0.437	0.4074	G	6.232	0.01254	1.129
10	rs2493775	12854934	C	0.226	0.2008	A	6.754	0.009355	1.162
10	rs3802558	12867696	G	0.2927	0.3112	A	2.778	0.09556	0.9157
10	rs1630635	12901951	A	0.07637	0.06561	G	3.203	0.07351	1.178
10	rs11258183	13171141	A	0.06463	0.07913	G	5.063	0.02444	0.8041
10	rs1953314	13175837	A	0.1184	0.1348	G	4.019	0.04498	0.862
10	rs727518	13302072	G	0.3373	0.3564	A	2.755	0.09693	0.919
10	rs10906357	13439795	A	0.4742	0.4947	G	2.899	0.08862	0.9211
10	rs10906399	13597966	C	0.09143	0.1065	A	4.178	0.04095	0.8441
10	rs11258437	13609811	G	0.4298	0.4505	A	3.005	0.08302	0.9192
10	rs2610815	14002661	G	0.0636	0.07678	A	4.296	0.0382	0.8167
10	rs17314229	14056165	A	0.07645	0.06614	G	2.918	0.08762	1.169
10	rs1963965	14059462	A	0.04959	0.0644	G	6.429	0.01122	0.758
10	rs11258903	14236786	A	0.04386	0.03308	G	6.055	0.01387	1.341
10	rs11591602	14272330	A	0.1522	0.1681	G	3.149	0.07597	0.8884
10	rs10906641	14352781	A	0.03564	0.04665	C	4.813	0.02824	0.7553
10	rs652228	14452090	A	0.3055	0.2869	G	2.892	0.08904	1.093
10	rs12242659	14528029	C	0.1667	0.1874	A	4.921	0.02653	0.8672
10	rs2768716	14858826	G	0.3953	0.4282	A	7.678	0.005591	0.8727
10	rs7072269	15194980	A	0.0676	0.08341	G	5.747	0.01652	0.7967
10	rs7096642	15458981	G	0.1213	0.1082	A	3.001	0.08323	1.137
10	rs6602051	15753547	A	0.3308	0.2997	G	7.872	0.005019	1.155
10	rs7088378	16751018	G	0.03874	0.0304	A	3.953	0.04679	1.285
10	rs4748319	16822369	A	0.5088	0.4774	C	6.802	0.009108	1.134
10	rs1891475	16839435	G	0.1202	0.1016	A	6.411	0.01134	1.208
10	rs17139747	17167367	G	0.02374	0.031	A	3.105	0.07807	0.7601

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10	rs1801222	17196157	A	0.3456	0.3264	G	2.878	0.08981	1.09
10	rs10904907	17289369	G	0.2265	0.2072	A	3.89	0.04857	1.121
10	rs1028857	17332518	G	0.0171	0.0234	A	3.079	0.07933	0.7259
10	rs17141297	17620114	G	0.3019	0.3309	A	6.609	0.01015	0.8742
10	rs4748380	17630687	A	0.09866	0.1166	G	5.467	0.01938	0.8293
10	rs7079408	18417349	G	0.3182	0.2999	A	2.724	0.09883	1.089
10	rs11014511	18827201	G	0.1404	0.1235	A	4.474	0.03441	1.159
10	rs12266596	19030822	G	0.1679	0.1845	A	3.201	0.07357	0.8915
10	rs4284312	19337995	A	0.01703	0.02452	C	4.185	0.04079	0.6892
10	rs11011876	20543952	G	0.09752	0.1134	A	4.4	0.03593	0.8446
10	rs11011877	20545189	G	0.28	0.2596	A	3.708	0.05416	1.109
10	rs11011957	20644383	A	0.06198	0.05272	C	2.912	0.08791	1.187
10	rs1332551	20716814	A	0.3891	0.4236	G	8.471	0.003609	0.8664
10	rs1527042	21493803	A	0.1839	0.1658	G	4.048	0.04421	1.134
10	rs10828213	21550846	C	0.1101	0.126	A	3.977	0.04613	0.8586
10	rs11013458	23738039	G	0.05263	0.06521	A	4.569	0.03255	0.7964
10	rs10828594	24374934	A	0.5067	0.4813	G	4.459	0.03472	1.107
10	rs2214172	24691569	A	0.2079	0.1816	G	7.953	0.004801	1.183
10	rs11014059	24693591	A	0.4933	0.4728	G	2.911	0.08799	1.086
10	rs10828640	24703621	G	0.1084	0.1244	A	4.116	0.04247	0.8555
10	rs12219181	25047312	G	0.1215	0.1082	A	3.111	0.07777	1.14
10	rs16924943	25055689	G	0.1338	0.1552	A	6.129	0.0133	0.8404
10	rs10828854	26038224	G	0.3204	0.3412	A	3.316	0.06862	0.9105
10	rs2252096	26996135	G	0.356	0.3313	A	4.716	0.02988	1.116
10	rs1168581	27954702	A	0.1291	0.1478	G	4.839	0.02782	0.8548
10	rs16928895	28774661	A	0.1618	0.1435	G	4.682	0.03049	1.153
10	rs2153299	28792112	G	0.4224	0.4497	A	5.218	0.02235	0.8946
10	rs787346	29152705	G	0.3271	0.3011	A	5.538	0.0186	1.129
10	rs534145	29410436	A	0.0485	0.03885	G	4.194	0.04058	1.261
10	rs552812	29433267	G	0.1398	0.1264	A	2.731	0.09841	1.122
10	rs571214	29497648	A	0.1467	0.1311	G	3.643	0.05632	1.139
10	rs529214	29509345	G	0.04644	0.03662	A	4.581	0.03233	1.281
10	rs2532747	29515875	A	0.1858	0.2053	G	4.033	0.04463	0.8835
10	rs1247697	29901347	C	0.243	0.263	A	3.568	0.05892	0.8996
10	rs12255867	29907113	G	0.08927	0.07459	A	5.28	0.02157	1.216
10	rs3886283	29998339	A	0.2874	0.2697	C	2.721	0.09903	1.092
10	rs7098565	30003893	G	0.1723	0.1949	A	5.65	0.01746	0.8602
10	rs7901774	30017350	A	0.1481	0.1709	G	6.436	0.01118	0.843
10	rs2484290	30690947	G	0.2964	0.3259	A	6.877	0.008731	0.8711
10	rs7071698	30771417	G	0.08161	0.1001	A	6.662	0.009847	0.7989
10	rs603805	30822295	A	0.09082	0.07841	G	3.614	0.05731	1.174
10	rs745453	30831947	A	0.3232	0.2898	G	9.24	0.002368	1.17
10	rs4749568	30887013	G	0.238	0.2148	A	5.435	0.01974	1.142
10	rs7092615	30902186	A	0.1223	0.1092	G	2.99	0.08379	1.137
10	rs12247732	31086047	G	0.2192	0.2015	A	3.351	0.06715	1.113
10	rs11008264	31129838	G	0.2976	0.2736	A	4.955	0.02601	1.125

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10	rs11594967	32035755	A	0.05779	0.07848	G	10.48	0.001204	0.7203
10	rs10826987	32078499	A	0.1904	0.1741	G	3.163	0.07531	1.116
10	rs3006650	32460288	G	0.3409	0.3616	A	3.194	0.0739	0.9133
10	rs7088857	33892461	A	0.305	0.2834	G	3.945	0.04702	1.11
10	rs12411502	34044504	G	0.1373	0.1169	A	6.797	0.009133	1.202
10	rs7073701	34068768	C	0.2379	0.2184	A	3.798	0.0513	1.117
10	rs999142	34269329	A	0.1006	0.1142	G	3.191	0.07404	0.8676
10	rs2504246	35225502	G	0.07225	0.06112	A	3.629	0.0568	1.196
10	rs3013355	35747100	G	0.02786	0.03555	A	3.043	0.08108	0.7776
10	rs2474752	35915983	G	0.3715	0.3911	A	2.778	0.09555	0.9204
10	rs654221	36040677	A	0.348	0.3232	G	4.832	0.02793	1.118
10	rs772071	36257387	A	0.0485	0.04038	G	2.874	0.09	1.211
10	rs2505613	36787368	A	0.2474	0.2654	C	2.884	0.08948	0.9098
10	rs2505574	36868524	A	0.2717	0.2511	G	3.872	0.0491	1.113
10	rs746995	42814304	G	0.06302	0.07441	A	3.299	0.06932	0.8366
10	rs11239037	44233762	A	0.07585	0.06102	G	6.462	0.01102	1.263
10	rs7903517	44850459	A	0.0645	0.05253	G	4.851	0.02763	1.244
10	rs3802542	45489854	C	0.1374	0.1531	A	3.29	0.06972	0.8812
10	rs7100993	47148027	A	0.1883	0.1655	G	6.412	0.01134	1.17
10	rs745048	47956129	A	0.1233	0.1083	C	3.979	0.04607	1.158
10	rs4255475	48144906	A	0.05579	0.04661	C	3.199	0.07366	1.208
10	rs786792	48248447	A	0.1961	0.1795	G	3.19	0.07409	1.115
10	rs786781	48278485	G	0.4499	0.42	A	6.341	0.0118	1.13
10	rs10508902	49311187	G	0.03616	0.04904	A	6.307	0.01203	0.7274
10	rs7914646	49486195	G	0.3277	0.297	A	7.738	0.005408	1.154
10	rs7100103	49597633	A	0.2848	0.2645	G	3.658	0.05579	1.108
10	rs12266359	49744773	G	0.09494	0.0772	A	7.45	0.006343	1.254
10	rs2671709	49811338	G	0.04649	0.06543	A	10.43	0.001242	0.6963
10	rs1317894	49853743	A	0.08058	0.06931	G	3.337	0.06774	1.177
10	rs2377991	50095258	A	0.2853	0.2648	G	3.709	0.05411	1.108
10	rs3964873	51492912	G	0.1837	0.1672	A	3.309	0.0689	1.121
10	rs12258132	51701054	A	0.1147	0.09859	G	4.938	0.02627	1.184
10	rs12357549	51713972	G	0.09265	0.1131	A	7.322	0.006811	0.8004
10	rs12358176	51758010	A	0.3786	0.3548	G	4.272	0.03876	1.108
10	rs11006358	52055553	A	0.2116	0.195	G	3.006	0.08296	1.108
10	rs16911668	52371423	G	0.1378	0.1219	A	4.036	0.04453	1.152
10	rs7914943	52398619	G	0.02786	0.02118	A	3.602	0.05771	1.325
10	rs7476747	52498468	G	0.04119	0.03153	A	5.058	0.02451	1.32
10	rs1922127	53018054	A	0.1632	0.1466	G	3.771	0.05214	1.136
10	rs12252380	53510561	G	0.04844	0.05969	A	3.935	0.0473	0.8019
10	rs1904024	53511343	A	0.146	0.1318	G	2.966	0.08505	1.125
10	rs11001702	53773431	G	0.1006	0.08839	A	3.157	0.07558	1.154
10	rs6480894	54005099	A	0.4448	0.4203	G	4.253	0.03917	1.105
10	rs10762857	54081314	C	0.376	0.3562	A	2.955	0.08562	1.089
10	rs1935927	54282884	C	0.2534	0.2343	A	3.475	0.06231	1.109
10	rs6480990	54500693	A	0.3773	0.3987	G	3.273	0.07043	0.914

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10	rs17646169	55592382	A	0.05952	0.07602	G	6.813	0.00905	0.7693
10	rs11004347	55956672	A	0.07593	0.0877	G	3.025	0.08197	0.8547
10	rs962472	56370603	A	0.4567	0.4853	G	5.675	0.01721	0.8913
10	rs2045145	56386978	A	0.1313	0.1178	G	3.011	0.08269	1.132
10	rs10825455	56496449	G	0.05151	0.06195	A	3.265	0.07079	0.8223
10	rs10509024	56567832	G	0.06722	0.05521	A	4.657	0.03093	1.233
10	rs10763189	56684231	A	0.4422	0.4158	G	4.943	0.0262	1.114
10	rs11005196	57479037	A	0.02273	0.03455	C	7.495	0.006186	0.6498
10	rs12413997	57861486	A	0.0532	0.04118	G	6.117	0.01339	1.308
10	rs7900471	58813970	G	0.03671	0.04537	A	3.044	0.08105	0.8018
10	rs16911207	59352070	C	0.08705	0.1002	A	3.319	0.0685	0.8567
10	rs11006023	59469724	A	0.04616	0.03797	G	3.087	0.0789	1.226
10	rs10826146	59489587	A	0.1336	0.1501	G	3.687	0.05484	0.8737
10	rs1994174	59804102	A	0.07143	0.05922	C	4.503	0.03384	1.222
10	rs7085920	60078491	G	0.172	0.1523	A	5.13	0.02352	1.156
10	rs7085892	60389603	G	0.1012	0.116	A	3.726	0.05356	0.8581
10	rs12356684	60929608	C	0.1962	0.2127	A	2.826	0.09274	0.9033
10	rs4948234	61048410	G	0.05498	0.06613	A	3.517	0.06076	0.8216
10	rs3750803	61139142	A	0.3956	0.4175	G	3.408	0.06489	0.9131
10	rs10821697	61609792	A	0.2415	0.2671	G	5.812	0.01592	0.8737
10	rs10994293	61715704	A	0.03199	0.04077	G	3.475	0.06229	0.7777
10	rs2893863	62276790	G	0.1409	0.1615	A	5.473	0.01932	0.8515
10	rs12772906	62474931	G	0.1358	0.1513	A	3.25	0.0714	0.8814
10	rs1993414	63073241	C	0.05124	0.06456	A	5.161	0.0231	0.7826
10	rs2588966	63279816	A	0.4252	0.448	G	3.652	0.056	0.9112
10	rs10509168	63927834	A	0.4902	0.4634	G	4.971	0.02577	1.113
10	rs1866306	65459484	G	0.09443	0.1097	A	4.179	0.04092	0.8462
10	rs1915633	66171720	C	0.2733	0.2504	A	4.752	0.02926	1.126
10	rs1027724	66852262	A	0.02487	0.03351	G	4.074	0.04355	0.7356
10	rs12268529	67259174	A	0.1945	0.2125	G	3.329	0.06808	0.8949
10	rs12414168	67670017	G	0.1971	0.2158	A	3.59	0.05813	0.8918
10	rs12412858	67735735	A	0.07792	0.09103	G	3.638	0.05646	0.8438
10	rs10997220	67960600	A	0.1188	0.1032	G	4.494	0.03401	1.172
10	rs942788	68411841	A	0.138	0.1229	G	3.575	0.05865	1.142
10	rs9971243	68426851	G	0.07018	0.08106	A	2.779	0.0955	0.8556
10	rs1925585	68492476	A	0.07379	0.06383	G	2.819	0.09318	1.168
10	rs4746906	71185736	A	0.1816	0.1665	G	2.833	0.09237	1.111
10	rs2642572	71219174	A	0.08316	0.09887	G	4.844	0.02774	0.8267
10	rs11595284	71260729	G	0.07895	0.09385	A	4.574	0.03246	0.8276
10	rs2763356	71298608	C	0.01909	0.0262	A	3.518	0.06072	0.7235
10	rs2683556	71304127	G	0.3251	0.3022	A	4.265	0.0389	1.112
10	rs2271696	71544689	A	0.05366	0.06632	G	4.554	0.03284	0.7983
10	rs16913394	71717019	A	0.07593	0.06473	G	3.507	0.0611	1.187
10	rs2994241	72179086	C	0.1434	0.1603	A	3.66	0.05573	0.8775
10	rs10509326	72301210	G	0.2245	0.2427	A	3.146	0.07609	0.903
10	rs7084716	72622737	A	0.1246	0.1099	G	3.759	0.05253	1.153

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10	rs6480511	72759267	A	0.05785	0.04753	G	3.971	0.0463	1.231
10	rs780689	72796833	A	0.1579	0.1359	G	6.987	0.008211	1.192
10	rs7099452	72878900	A	0.1342	0.1212	G	2.708	0.09982	1.124
10	rs10999907	73023575	A	0.3978	0.3785	G	2.734	0.09825	1.085
10	rs12356072	73206195	A	0.1729	0.1934	G	4.675	0.0306	0.8719
10	rs7071860	73352186	A	0.1126	0.09633	C	5.156	0.02316	1.19
10	rs1668166	73533387	A	0.1044	0.09214	G	3.078	0.07935	1.149
10	rs17737927	74633276	G	0.07752	0.09336	A	5.158	0.02314	0.8162
10	rs11000723	75054988	G	0.07379	0.06361	A	2.95	0.08588	1.173
10	rs11001078	76030028	G	0.08152	0.06333	A	9.286	0.002309	1.313
10	rs1189549	76140605	A	0.1192	0.1479	G	11.47	0.0007092	0.7797
10	rs10824236	76197579	G	0.3578	0.3792	A	3.35	0.0672	0.9122
10	rs11001351	76702202	A	0.2539	0.278	G	4.991	0.02548	0.8839
10	rs1149711	76711175	G	0.4241	0.3918	A	7.538	0.006041	1.143
10	rs1259601	76808162	A	0.3251	0.2955	G	7.207	0.007263	1.148
10	rs2057436	77347493	A	0.4443	0.4892	G	13.97	0.0001854	0.8346
10	rs7903557	77353312	A	0.2278	0.2493	G	4.289	0.03836	0.8883
10	rs7913479	77578908	G	0.3664	0.3872	A	3.16	0.07549	0.9151
10	rs11001638	77580508	A	0.2107	0.1869	G	6.369	0.01161	1.161
10	rs11001693	77644664	A	0.08514	0.07374	G	3.232	0.07221	1.169
10	rs3781141	78332867	A	0.0805	0.06451	G	7.128	0.007587	1.27
10	rs1516510	78593494	G	0.2903	0.2676	A	4.483	0.03424	1.119
10	rs10824538	78824299	A	0.06398	0.07474	C	2.927	0.0871	0.8463
10	rs2913115	79698345	A	0.3018	0.2838	G	2.716	0.09935	1.091
10	rs11002569	79893734	A	0.2508	0.2763	C	5.673	0.01723	0.8765
10	rs2570538	79911447	A	0.08592	0.07464	G	3.122	0.07722	1.165
10	rs7917285	80164188	A	0.06192	0.05142	C	3.817	0.05073	1.218
10	rs4547043	80183865	G	0.3344	0.3663	A	7.588	0.005876	0.8692
10	rs1439777	80274620	A	0.1615	0.179	G	3.637	0.05651	0.8832
10	rs7901632	80382672	G	0.02789	0.03526	A	2.812	0.09355	0.7851
10	rs1370562	80495455	A	0.2203	0.1972	G	5.78	0.0162	1.151
10	rs749821	80589448	A	0.1445	0.1283	C	3.98	0.04606	1.147
10	rs4979851	80619559	A	0.1409	0.1235	G	4.751	0.02928	1.164
10	rs10509406	80629523	G	0.195	0.1772	A	3.717	0.05385	1.125
10	rs11002969	80850968	A	0.4298	0.4541	G	4.113	0.04255	0.9062
10	rs2395577	80853890	A	0.2564	0.2349	G	4.417	0.03557	1.123
10	rs11597219	81677621	A	0.0306	0.02146	G	6.537	0.01056	1.439
10	rs7907311	81849467	G	0.1524	0.1379	A	3.019	0.08231	1.124
10	rs11201799	81871934	A	0.08368	0.09724	G	3.661	0.05571	0.8478
10	rs3851050	81872350	G	0.3839	0.4117	A	5.519	0.01881	0.8904
10	rs7078815	81881186	A	0.08101	0.09484	G	3.901	0.04825	0.8413
10	rs6585424	81923728	G	0.1429	0.1289	A	2.936	0.08663	1.126
10	rs11186576	82438821	A	0.05005	0.04168	G	2.963	0.08521	1.211
10	rs10509421	82733587	C	0.1613	0.1445	A	3.858	0.0495	1.139
10	rs17097249	82858129	A	0.2673	0.2406	G	6.647	0.009931	1.151
10	rs9420769	83556927	G	0.04597	0.03588	A	4.925	0.02647	1.295

GNE_0369PR_Table1									
10	rs1649947	83864945	A	0.192	0.2089	C	3.003	0.08312	0.8998
10	rs11192970	83951253	A	0.02841	0.03708	C	3.723	0.05367	0.7593
10	rs10509455	84257702	C	0.1184	0.1052	A	3.173	0.07486	1.143
10	rs12414531	84423763	A	0.06715	0.07938	G	3.585	0.05829	0.8348
10	rs11819224	84659783	G	0.2936	0.2755	A	2.806	0.09392	1.093
10	rs11197717	84943192	A	0.1213	0.1076	G	3.302	0.06921	1.144
10	rs1413291	85567785	A	0.1291	0.1134	G	4.167	0.04121	1.159
10	rs532605	85589346	C	0.1556	0.1749	A	4.48	0.03429	0.8694
10	rs4933939	85628123	G	0.3168	0.3368	A	3.096	0.07848	0.9131
10	rs12357826	85877034	G	0.1312	0.1539	A	6.848	0.008874	0.8307
10	rs2616673	87357346	A	0.1772	0.1578	C	4.799	0.02847	1.149
10	rs1880389	87527199	A	0.3509	0.3711	C	3.034	0.08152	0.916
10	rs11201832	87666312	A	0.2203	0.2455	G	5.954	0.01469	0.8684
10	rs5027573	87881252	A	0.04494	0.03618	G	3.695	0.05456	1.253
10	rs12770083	87919777	A	0.04696	0.0634	G	8.07	0.0045	0.7279
10	rs11201920	87924961	A	0.0645	0.05302	G	4.431	0.03528	1.232
10	rs11201937	87947652	G	0.3818	0.4021	A	2.948	0.08598	0.9185
10	rs7076974	88076242	A	0.1527	0.1715	G	4.298	0.03815	0.8711
10	rs7098516	88570230	A	0.08359	0.07262	G	3.038	0.08132	1.165
10	rs17107175	88636304	A	0.02941	0.02213	G	4.085	0.04327	1.339
10	rs17110864	89364066	A	0.09866	0.114	G	4.046	0.04429	0.8511
10	rs10749565	89882080	G	0.3826	0.3625	A	2.996	0.08347	1.09
10	rs9325599	89883594	A	0.2203	0.2422	G	4.511	0.03367	0.8844
10	rs497099	89980562	A	0.4798	0.5002	G	2.854	0.09113	0.9218
10	rs10509539	89988263	A	0.3244	0.3044	C	3.232	0.0722	1.097
10	rs792232	90137324	G	0.07327	0.0861	A	3.663	0.05565	0.8392
10	rs750507	90390347	G	0.2707	0.2889	A	2.798	0.09437	0.9135
10	rs814636	90549799	A	0.2203	0.2029	G	3.228	0.07238	1.11
10	rs12571023	90685964	A	0.06708	0.08615	C	8.15	0.004306	0.7627
10	rs9658702	90747225	A	0.07172	0.0559	G	7.952	0.004805	1.305
10	rs9325604	90765736	G	0.1687	0.1534	A	3.096	0.07847	1.12
10	rs2297472	90974970	A	0.2074	0.1889	G	3.853	0.04967	1.124
10	rs11203047	90991106	G	0.06244	0.08007	A	7.448	0.006351	0.7651
10	rs1556610	91305650	A	0.09452	0.1118	G	5.236	0.02212	0.8297
10	rs9919479	91720014	G	0.1832	0.1618	A	5.764	0.01636	1.162
10	rs1547843	91728243	G	0.09576	0.08205	A	4.221	0.03994	1.185
10	rs12245007	91755189	A	0.05217	0.0426	G	3.778	0.05195	1.237
10	rs1854036	91950453	G	0.3023	0.2752	A	6.266	0.01231	1.141
10	rs2766634	91978902	A	0.1632	0.1867	G	6.302	0.01206	0.85
10	rs10219117	92012460	A	0.287	0.2689	G	2.867	0.09044	1.095
10	rs10785976	92675693	G	0.3199	0.3407	A	3.317	0.06855	0.9104
10	rs11186596	93263772	C	0.04283	0.05246	A	3.282	0.07006	0.8082
10	rs17365265	94085145	G	0.1883	0.1662	A	6.055	0.01387	1.164
10	rs835256	94769530	A	0.1162	0.1015	G	3.993	0.04569	1.164
10	rs4919491	95505505	G	0.4143	0.3872	A	5.351	0.0207	1.12
10	rs1147654	95665292	A	0.1462	0.1665	G	5.174	0.02293	0.8572

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10	rs11572172	96787742	C	0.06811	0.0587	A	2.721	0.09904	1.172
10	rs17110453	96819519	C	0.1167	0.1371	A	6.126	0.01332	0.8315
10	rs11599166	97043394	A	0.09025	0.1047	G	3.885	0.04871	0.8481
10	rs17456435	97200805	G	0.1978	0.1772	A	4.951	0.02608	1.145
10	rs11188349	97289025	A	0.1553	0.1379	G	4.371	0.03655	1.15
10	rs3176882	97613997	C	0.05888	0.0715	A	4.208	0.04022	0.8125
10	rs10509705	97914784	G	0.06684	0.07892	A	3.507	0.06111	0.8359
10	rs11597989	97986820	A	0.1898	0.1723	G	3.637	0.05651	1.125
10	rs11595566	98426814	A	0.0903	0.1038	G	3.446	0.06339	0.8566
10	rs505010	98511506	G	0.4814	0.4591	A	3.474	0.06234	1.094
10	rs4418736	99169196	A	0.07069	0.06078	G	2.92	0.08746	1.176
10	rs10509714	99548728	A	0.1306	0.1137	G	4.763	0.02908	1.17
10	rs17109539	100121448	A	0.03818	0.03015	G	3.706	0.05422	1.277
10	rs10748775	101155124	A	0.08247	0.09484	G	3.099	0.07833	0.8579
10	rs12573087	101337192	G	0.06914	0.05822	A	3.683	0.05498	1.202
10	rs4919393	101492724	A	0.1357	0.1179	G	5.212	0.02243	1.175
10	rs3740076	101492958	G	0.08161	0.107	A	11.9	0.0005606	0.7416
10	rs2273697	101553805	A	0.1739	0.2012	G	8.087	0.004458	0.8358
10	rs8187710	101601284	A	0.05573	0.06589	G	2.944	0.0862	0.8366
10	rs7091871	101800294	A	0.04747	0.06442	G	8.447	0.003657	0.7238
10	rs575338	102117482	A	0.1624	0.1421	G	5.641	0.01754	1.171
10	rs7068072	102397163	A	0.1135	0.13	G	4.187	0.04074	0.8571
10	rs996359	102580743	A	0.2755	0.2425	C	10.12	0.001466	1.188
10	rs12359797	102608643	A	0.1744	0.1917	G	3.352	0.06713	0.8908
10	rs12780429	102697516	G	0.047	0.05814	A	3.979	0.04607	0.7991
10	rs625039	102983639	A	0.1333	0.1487	G	3.265	0.07076	0.8804
10	rs11191268	104105252	A	0.04137	0.03264	G	4.036	0.04454	1.279
10	rs11574849	104149686	A	0.08514	0.07155	G	4.707	0.03004	1.208
10	rs2282295	104164885	A	0.08419	0.1001	G	4.896	0.02691	0.8268
10	rs11192073	106206457	C	0.04215	0.03093	A	6.842	0.008906	1.379
10	rs17805142	107347720	G	0.06914	0.05962	A	2.747	0.09745	1.172
10	rs1032537	107729018	A	0.2311	0.2109	G	4.207	0.04026	1.125
10	rs12360161	108592969	C	0.06087	0.0509	A	3.453	0.06314	1.209
10	rs2418828	108644346	G	0.4385	0.4162	A	3.496	0.06153	1.095
10	rs7921765	109362335	A	0.2477	0.2731	C	5.634	0.01761	0.8765
10	rs7894245	109443922	G	0.2544	0.2349	A	3.609	0.05748	1.111
10	rs2418971	109468960	G	0.4595	0.4807	A	3.088	0.07888	0.9185
10	rs12359040	109579854	A	0.06347	0.07707	G	4.569	0.03255	0.8115
10	rs10509860	109826825	A	0.09649	0.08139	G	5.164	0.02306	1.205
10	rs3936867	110917973	G	0.1756	0.1956	A	4.391	0.03613	0.8762
10	rs2225363	111777706	A	0.01754	0.0276	G	6.765	0.009294	0.6291
10	rs12573269	111931361	A	0.0383	0.0475	G	3.284	0.06996	0.7986
10	rs716595	111996476	A	0.09649	0.07864	G	7.423	0.00644	1.251
10	rs7075299	112124246	A	0.05831	0.04886	G	3.244	0.07169	1.205
10	rs7915029	112181874	C	0.2797	0.2616	A	2.89	0.08914	1.096
10	rs746946	112205281	G	0.1494	0.126	A	8.433	0.003684	1.219

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10	rs11195815	113849214	A	0.01963	0.02729	C	3.933	0.04735	0.7135
10	rs12766562	113869977	A	0.469	0.4454	C	3.892	0.0485	1.1
10	rs2256368	114176614	G	0.09514	0.0821	A	3.823	0.05056	1.175
10	rs12415142	114234734	C	0.144	0.1241	A	6.194	0.01282	1.187
10	rs2028783	114306642	G	0.0645	0.05444	A	3.329	0.06806	1.198
10	rs4918773	114539186	A	0.4532	0.4245	G	5.743	0.01655	1.123
10	rs2148887	114677874	G	0.2497	0.2681	A	2.952	0.08576	0.9087
10	rs12255372	114798892	A	0.2701	0.2908	C	3.58	0.05848	0.9027
10	rs7919409	114814966	G	0.1219	0.1066	A	4.194	0.04057	1.164
10	rs12358301	115487308	G	0.1821	0.1667	A	2.953	0.08573	1.114
10	rs10509986	115551311	A	0.1462	0.1311	G	3.423	0.06431	1.135
10	rs7084835	115580402	G	0.3211	0.3415	A	3.204	0.07344	0.9118
10	rs4345919	115651155	A	0.1526	0.1386	G	2.788	0.09499	1.119
10	rs7077378	115669498	A	0.2799	0.2601	G	3.457	0.06299	1.105
10	rs7099933	115718762	A	0.1187	0.1055	G	3.127	0.077	1.141
10	rs10490907	115739731	C	0.08678	0.07378	A	4.185	0.04078	1.193
10	rs426121	115753305	A	0.04033	0.03199	G	3.77	0.05218	1.272
10	rs11197128	116980902	G	0.04696	0.03886	A	2.963	0.08518	1.219
10	rs17093295	117321054	G	0.01238	0.02366	A	10.01	0.001557	0.5174
10	rs180727	117717156	A	0.2376	0.2179	G	3.917	0.0478	1.119
10	rs17805341	117749415	A	0.03767	0.02936	C	4.061	0.04389	1.294
10	rs2694773	117834642	G	0.09288	0.07719	A	5.841	0.01566	1.224
10	rs7090606	117905098	A	0.1889	0.1723	G	3.294	0.06955	1.119
10	rs12217215	118083598	G	0.4577	0.4377	A	2.787	0.09503	1.084
10	rs17734465	118146973	G	0.2982	0.2776	A	3.598	0.05787	1.106
10	rs7903492	118340939	G	0.04607	0.05849	A	4.932	0.02636	0.7773
10	rs887195	118497966	G	0.3994	0.4245	A	4.457	0.03475	0.9015
10	rs1638662	119167750	A	0.2079	0.1915	G	3.009	0.0828	1.109
10	rs6585436	119200365	G	0.02425	0.03142	A	2.983	0.08413	0.7663
10	rs242966	119224776	G	0.124	0.1098	A	3.491	0.0617	1.147
10	rs7077608	119337231	A	0.1705	0.1535	C	3.762	0.05242	1.133
10	rs181623	119353669	A	0.3411	0.3191	G	3.823	0.05057	1.105
10	rs703405	119411117	A	0.07668	0.08947	G	3.499	0.06141	0.8452
10	rs1006286	119509000	C	0.0547	0.06964	A	6.079	0.01368	0.773
10	rs7918427	119521709	G	0.1637	0.1795	A	2.927	0.08711	0.895
10	rs7476605	119532035	A	0.2946	0.3211	C	5.572	0.01825	0.8829
10	rs1936298	119631976	G	0.4773	0.4978	A	2.894	0.08889	0.9213
10	rs703426	119961324	G	0.3941	0.4194	A	4.521	0.03348	0.9006
10	rs1857269	120162628	A	0.4028	0.3812	C	3.396	0.06537	1.095
10	rs10510044	120227066	G	0.285	0.3069	A	3.869	0.0492	0.9004
10	rs1711882	120320249	G	0.173	0.189	A	2.881	0.08961	0.8979
10	rs11593554	120376417	A	0.03664	0.02622	G	7.04	0.007972	1.413
10	rs11198640	120573344	C	0.2327	0.253	A	3.765	0.05234	0.8957
10	rs4752263	120959207	A	0.386	0.4206	G	8.504	0.003544	0.866
10	rs17608302	121119157	A	0.2076	0.2271	G	3.742	0.05307	0.8919
10	rs2901212	121216437	G	0.2061	0.2281	A	4.766	0.02902	0.8786

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10	rs7100441	121256597	A	0.05992	0.05021	G	3.337	0.06772	1.206
10	rs11198992	121270433	C	0.2846	0.3032	A	2.833	0.09235	0.9143
10	rs1008727	121436241	A	0.435	0.4038	C	6.932	0.008466	1.136
10	rs2273747	121581501	A	0.2023	0.1789	G	6.319	0.01194	1.163
10	rs17099385	121680302	G	0.04855	0.06142	A	5.059	0.0245	0.7798
10	rs11199129	121694409	G	0.1863	0.2182	A	10.41	0.001251	0.8203
10	rs10788079	122140066	G	0.4534	0.4744	A	3.051	0.0807	0.9189
10	rs12768425	122281295	C	0.5186	0.4961	A	3.509	0.06105	1.095
10	rs10886714	122320876	A	0.05779	0.04541	C	5.935	0.01484	1.289
10	rs11199718	122779808	A	0.1378	0.1207	G	4.657	0.03093	1.164
10	rs4752534	123078189	A	0.4117	0.44	G	5.608	0.01788	0.8907
10	rs755698	123155690	A	0.08204	0.09387	G	2.87	0.09024	0.8628
10	rs3135772	123253606	A	0.1135	0.127	G	2.845	0.09165	0.8805
10	rs2459083	123794982	A	0.1233	0.1105	G	2.84	0.09195	1.132
10	rs2420993	123847019	A	0.2219	0.2002	C	4.999	0.02536	1.139
10	rs12262554	123874512	A	0.4181	0.3893	G	6.01	0.01423	1.127
10	rs7078370	123927451	C	0.3302	0.3075	A	4.156	0.04148	1.11
10	rs10887104	123955668	A	0.09649	0.08462	G	3.098	0.0784	1.155
10	rs11595723	123971701	A	0.04649	0.03291	G	9.558	0.001991	1.433
10	rs10887110	123997563	A	0.435	0.4041	G	6.813	0.00905	1.135
10	rs10887112	124005699	A	0.3545	0.3867	G	7.583	0.005893	0.8709
10	rs986178	124079065	A	0.1393	0.1242	G	3.582	0.0584	1.141
10	rs11200558	124086849	G	0.07792	0.09476	A	5.808	0.01595	0.8072
10	rs7913140	124171127	A	0.128	0.1818	C	34.5	4.273e-09	0.6604
10	rs2292627	124191655	C	0.2157	0.1189	A	143.3	5.175e-33	2.037
10	rs4752699	124224310	A	0.114	0.1492	G	17.17	3.41e-05	0.734
10	rs2672588	124225286	G	0.1815	0.2736	A	75.34	3.965e-18	0.5886
10	rs2253755	124231547	G	0.4081	0.3002	A	93.46	4.151e-22	1.607
10	rs2268347	124236852	A	0.04959	0.06767	G	9.186	0.002438	0.7188
10	rs2736923	124249052	G	0.09959	0.1213	A	7.74	0.005402	0.8015
10	rs763720	124252434	A	0.2781	0.2122	G	43.75	3.725e-11	1.43
10	rs2947594	124447442	G	0.2856	0.2427	A	17.03	3.672e-05	1.247
10	rs1341393	124502289	A	0.08927	0.07412	C	5.653	0.01743	1.224
10	rs7906712	124511645	A	0.3741	0.4151	G	11.97	0.00054	0.8423
10	rs17104093	124513504	G	0.1146	0.1361	A	6.906	0.008588	0.8213
10	rs1891114	124515043	G	0.2728	0.2504	A	4.54	0.03311	1.123
10	rs4980245	124783587	G	0.1574	0.1729	A	2.914	0.08782	0.8937
10	rs1328601	125143595	A	0.05751	0.04307	G	8.407	0.003738	1.356
10	rs17666963	125197491	A	0.114	0.1288	G	3.368	0.06648	0.871
10	rs11597044	125210246	A	0.1001	0.1159	C	4.264	0.03894	0.8484
10	rs705151	125220342	G	0.3916	0.3698	A	3.517	0.06075	1.097
10	rs4980206	125471853	G	0.2461	0.2638	A	2.794	0.09462	0.911
10	rs735632	125493454	A	0.2673	0.2383	G	7.899	0.004945	1.166
10	rs750492	125550261	G	0.05934	0.06996	A	3.036	0.08143	0.8387
10	rs7911304	126285661	G	0.03822	0.04688	A	2.947	0.08605	0.808
10	rs10510144	127169837	A	0.2503	0.2735	G	4.708	0.03003	0.8867

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10	rs297227	127290255	A	0.2343	0.2157	G	3.502	0.06128	1.113
10	rs11244813	127784070	A	0.09246	0.07988	G	3.655	0.05592	1.174
10	rs1278325	127810968	A	0.3816	0.4061	G	4.309	0.03792	0.9023
10	rs11244948	127988816	A	0.3209	0.3496	G	6.252	0.01241	0.8793
10	rs11244973	128060791	G	0.1001	0.08735	A	3.469	0.06255	1.162
10	rs7901239	128063217	A	0.3574	0.3377	G	3.006	0.08294	1.091
10	rs12569571	128079662	A	0.1432	0.1602	G	3.714	0.05396	0.8765
10	rs7919486	128084483	G	0.3978	0.4195	A	3.344	0.06747	0.9141
10	rs7079561	128143745	G	0.1374	0.123	A	3.214	0.07302	1.135
10	rs7086835	128162641	A	0.1987	0.2216	G	5.313	0.02117	0.8707
10	rs4246194	128182039	A	0.09185	0.1056	G	3.516	0.06078	0.8563
10	rs12354898	128346085	A	0.3693	0.3428	G	5.354	0.02067	1.123
10	rs10736877	128363697	G	0.1636	0.1857	A	5.619	0.01776	0.8576
10	rs12357398	128524112	G	0.1779	0.1613	A	3.465	0.06268	1.125
10	rs11245205	128555849	A	0.1798	0.1999	G	4.4	0.03594	0.8773
10	rs12411416	128747800	A	0.1906	0.2091	C	3.582	0.05841	0.8908
10	rs10829838	129048843	A	0.1793	0.1994	G	4.377	0.03644	0.8773
10	rs4751323	129082133	G	0.1219	0.146	A	8.148	0.004311	0.8121
10	rs10830112	129205689	G	0.0676	0.07825	A	2.755	0.09694	0.8539
10	rs4751457	129257703	G	0.07239	0.08635	A	4.327	0.03752	0.8257
10	rs6482940	129290397	A	0.03361	0.04712	G	7.217	0.007221	0.7033
10	rs12768260	129492808	A	0.06973	0.05839	G	3.957	0.04668	1.209
10	rs749793	129533577	G	0.2822	0.2638	A	2.99	0.08378	1.097
10	rs1000797	129542777	A	0.1344	0.1201	G	3.304	0.06912	1.138
10	rs12775064	129559801	A	0.1989	0.2185	G	3.928	0.04749	0.8877
10	rs11018376	129561741	G	0.07998	0.06507	A	6.159	0.01308	1.249
10	rs12266909	129657087	G	0.1367	0.1215	A	3.693	0.05466	1.145
10	rs11015994	129672289	A	0.2374	0.2167	G	4.282	0.03852	1.125
10	rs10829321	129741611	A	0.2882	0.3093	G	3.602	0.05772	0.9042
10	rs7906241	129848286	C	0.1146	0.1321	A	4.68	0.03052	0.8502
10	rs2799396	129934863	A	0.1109	0.09597	G	4.39	0.03614	1.175
10	rs4750961	130163169	A	0.07792	0.09656	C	7.011	0.008099	0.7906
10	rs1359974	130284361	G	0.4555	0.48	A	4.133	0.04205	0.9063
10	rs7078934	130399093	A	0.2645	0.246	C	3.146	0.0761	1.102
10	rs1452852	130642136	A	0.06302	0.05292	G	3.439	0.06369	1.204
10	rs10829531	130651939	A	0.1404	0.1558	G	3.172	0.07492	0.8844
10	rs4750724	130654181	C	0.4479	0.4218	A	4.79	0.02862	1.112
10	rs2167743	130779669	A	0.04025	0.03275	G	2.991	0.08374	1.239
10	rs7917272	130982903	G	0.04334	0.03323	A	5.319	0.02109	1.318
10	rs1887181	131484840	G	0.06101	0.05081	A	3.644	0.05628	1.214
10	rs11016965	131506261	C	0.1744	0.157	A	3.903	0.04821	1.134
10	rs7100028	131538677	G	0.08978	0.1019	A	2.815	0.09339	0.869
10	rs12569655	132042168	A	0.0516	0.06615	G	6.047	0.01393	0.7681
10	rs359064	132139872	C	0.1921	0.1759	A	3.13	0.07686	1.115
10	rs7069674	132141062	C	0.03361	0.04222	A	3.229	0.07235	0.7889
10	rs2660055	132453845	C	0.03413	0.047	A	6.558	0.01044	0.7164

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10	rs1655127	132583112	C	0.2355	0.2182	A	3.014	0.08256	1.104
10	rs1655132	132587041	A	0.2306	0.2113	G	3.839	0.05009	1.119
10	rs12260766	132658316	G	0.09391	0.0815	A	3.498	0.06146	1.168
10	rs2996069	132856455	G	0.1734	0.1546	A	4.593	0.0321	1.147
10	rs2944478	132889809	A	0.3607	0.3806	C	2.877	0.08988	0.9183
10	rs7913879	133058984	G	0.2252	0.2506	A	5.979	0.01447	0.869
10	rs7922424	133206442	A	0.05315	0.0645	G	3.75	0.05281	0.8142
10	rs4750873	133241845	G	0.1246	0.1425	A	4.541	0.03308	0.8569
10	rs12250257	133329675	G	0.05315	0.04219	A	4.994	0.02543	1.274
10	rs9419336	133727234	A	0.227	0.2103	G	2.898	0.08868	1.103
10	rs4880336	133783495	A	0.2472	0.2248	G	4.906	0.02676	1.132
10	rs2035804	133884369	A	0.1883	0.211	G	5.376	0.02042	0.8676
10	rs870427	133889881	G	0.4385	0.4678	A	5.94	0.0148	0.8884
10	rs11814053	134049099	A	0.1429	0.1202	G	8.283	0.004001	1.221
10	rs4880251	134066972	G	0.3302	0.2985	A	8.265	0.004041	1.159
10	rs3903088	134086678	C	0.1903	0.1681	A	5.97	0.01455	1.163
10	rs7922380	134117274	G	0.2198	0.2016	A	3.514	0.06086	1.116
10	rs12269281	134601901	A	0.05057	0.06112	G	3.411	0.06476	0.8181
10	rs1573041	134941792	A	0.2508	0.2267	G	5.637	0.01758	1.141
10	rs11819066	135024192	G	0.03357	0.02579	A	4.031	0.04466	1.313
11	rs7948797	259856	A	0.2348	0.2563	G	4.205	0.04031	0.8904
11	rs6598050	262010	G	0.4587	0.4286	A	6.388	0.01149	1.13
11	rs4758635	273928	C	0.4327	0.4574	A	4.24	0.03948	0.9047
11	rs10160565	325017	A	0.1118	0.1288	G	4.486	0.03417	0.8514
11	rs7396151	348027	G	0.2308	0.2124	A	3.496	0.06152	1.113
11	rs7116631	678312	A	0.1367	0.1185	G	5.408	0.02004	1.178
11	rs11605303	1028110	A	0.09288	0.07673	G	6.218	0.01265	1.232
11	rs7942850	1058900	G	0.3879	0.4086	A	3.046	0.08093	0.9174
11	rs11825971	1405949	A	0.2597	0.241	G	3.222	0.07264	1.105
11	rs12366207	1606398	C	0.2621	0.2419	A	3.811	0.05092	1.113
11	rs1489945	1648197	G	0.5279	0.4869	A	11.6	0.0006607	1.178
11	rs11041553	1845531	A	0.01754	0.02468	G	3.766	0.05232	0.7057
11	rs548195	1869953	A	0.0418	0.03141	G	5.908	0.01507	1.345
11	rs10831706	2262602	G	0.1053	0.1271	A	7.506	0.00615	0.8083
11	rs1811815	2431726	A	0.2307	0.248	G	2.798	0.09437	0.9091
11	rs231885	2698161	G	0.07276	0.06216	A	3.265	0.07075	1.184
11	rs4237786	3137661	A	0.1961	0.2156	C	3.935	0.04729	0.8871
11	rs11028536	3595915	A	0.4572	0.4284	G	5.827	0.01579	1.124
11	rs2271586	3616569	A	0.1789	0.1971	C	3.645	0.05622	0.8874
11	rs11600857	3863316	A	0.1366	0.1184	G	5.343	0.0208	1.178
11	rs17220520	4520304	A	0.0774	0.0903	G	3.543	0.0598	0.8452
11	rs12146686	4569779	A	0.1703	0.1548	C	3.146	0.07612	1.121
11	rs11033277	4650884	A	0.3333	0.3075	G	5.4	0.02014	1.126
11	rs10836452	4651004	G	0.1589	0.1789	A	4.72	0.02981	0.8674
11	rs4331087	4699502	A	0.4401	0.4604	G	2.838	0.09204	0.9216
11	rs17338048	4902734	G	0.1285	0.1033	A	11.5	0.0006978	1.279

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11	rs1469750	4903889	A	0.338	0.3154	G	4.041	0.04441	1.108
11	rs11036090	5153026	G	0.2335	0.2132	A	4.185	0.04078	1.124
11	rs7929631	5324552	A	0.3973	0.4205	C	3.813	0.05085	0.9085
11	rs2879747	5471468	A	0.1042	0.117	C	2.741	0.09781	0.8784
11	rs4254056	5966651	A	0.2363	0.2176	C	3.501	0.06131	1.112
11	rs4573661	5983237	A	0.3638	0.343	G	3.295	0.06949	1.095
11	rs6578729	6046316	A	0.125	0.1422	G	4.229	0.03974	0.8617
11	rs10839548	6278860	A	0.4529	0.4744	C	3.197	0.07378	0.9171
11	rs2634184	6292138	G	0.2461	0.2224	A	5.589	0.01807	1.142
11	rs4282961	6511517	A	0.307	0.3293	C	3.88	0.04885	0.9025
11	rs2595453	6855071	G	0.04696	0.06043	A	5.648	0.01747	0.766
11	rs12361949	7152914	G	0.2014	0.2219	A	4.2	0.04043	0.8847
11	rs12361175	7359336	C	0.4494	0.4152	A	8.308	0.003947	1.15
11	rs7116485	7391991	A	0.08824	0.1058	G	5.715	0.01682	0.8179
11	rs11041537	7671750	G	0.2699	0.2893	A	3.184	0.07435	0.908
11	rs12420464	7971353	A	0.08204	0.06878	C	4.645	0.03114	1.21
11	rs12786251	7979756	G	0.1001	0.1217	A	7.684	0.005571	0.8025
11	rs1950008	8015486	A	0.06347	0.05377	G	3.129	0.07692	1.193
11	rs3794018	8054010	G	0.4251	0.4055	A	2.73	0.09847	1.084
11	rs4627068	8185496	A	0.2296	0.2102	G	3.885	0.04873	1.12
11	rs931756	8692238	G	0.3968	0.42	A	3.829	0.05037	0.9083
11	rs2455603	8921514	A	0.0418	0.03415	G	2.986	0.084	1.234
11	rs7396115	9034228	A	0.178	0.1977	G	4.267	0.03886	0.8786
11	rs7936622	9240025	A	0.1899	0.2131	G	5.57	0.01827	0.8658
11	rs4537761	9279929	G	0.08927	0.07709	A	3.54	0.0599	1.173
11	rs431480	9707234	A	0.4634	0.4933	G	6.197	0.0128	0.8868
11	rs1056593	9729416	A	0.06463	0.07673	G	3.613	0.05732	0.8315
11	rs2896516	10018658	G	0.2915	0.3123	A	3.469	0.06251	0.9063
11	rs11602057	10121032	C	0.05642	0.04764	A	2.867	0.0904	1.195
11	rs10840408	10390483	G	0.2161	0.2409	A	5.861	0.01548	0.8683
11	rs7932321	10480052	G	0.078	0.09309	A	4.727	0.02969	0.8241
11	rs7114199	10689543	A	0.2962	0.2751	G	3.828	0.0504	1.109
11	rs2047299	10706653	A	0.04644	0.03731	G	3.902	0.04823	1.257
11	rs4910184	10713910	G	0.4494	0.4716	A	3.408	0.0649	0.9145
11	rs2279696	10729131	G	0.4598	0.4349	A	4.322	0.03763	1.106
11	rs10500731	10748902	G	0.1053	0.118	A	2.726	0.09873	0.8792
11	rs570626	10900688	C	0.322	0.3437	A	3.634	0.05662	0.9066
11	rs11043167	11188584	A	0.5099	0.4882	C	3.218	0.07285	1.09
11	rs10219286	11270708	G	0.3911	0.4121	A	3.126	0.07707	0.9166
11	rs12283958	11272737	G	0.06863	0.08401	A	5.405	0.02008	0.8034
11	rs12223458	11318034	A	0.09556	0.1105	G	3.976	0.04615	0.8503
11	rs4909994	11349081	G	0.4365	0.4167	A	2.794	0.09461	1.085
11	rs7935113	11492456	G	0.1472	0.1784	A	11.61	0.0006566	0.795
11	rs11021925	11532492	A	0.03512	0.02711	G	4.069	0.04367	1.306
11	rs9919579	11549370	G	0.4469	0.4163	A	6.633	0.01001	1.133
11	rs9919625	11549487	A	0.1682	0.1496	G	4.657	0.03093	1.15

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11	rs7118819	11550558	G	0.2355	0.2654	A	7.944	0.004824	0.8527
11	rs11021992	11664195	A	0.2629	0.2851	G	4.202	0.04037	0.8942
11	rs11022110	11984931	A	0.06089	0.05147	G	3.072	0.07963	1.195
11	rs923170	12025646	A	0.1254	0.1403	G	3.224	0.07256	0.8783
11	rs4910033	12046118	A	0.02116	0.02798	C	3.033	0.08161	0.7509
11	rs7130896	12079150	A	0.2895	0.2633	G	6.071	0.01374	1.14
11	rs2279565	12104405	A	0.05263	0.03836	G	9.169	0.002461	1.393
11	rs12577704	12104826	G	0.05315	0.06379	A	3.328	0.06812	0.8238
11	rs2062439	12185490	G	0.1011	0.1221	A	7.172	0.007405	0.8092
11	rs2270507	12204241	A	0.03719	0.02778	G	5.447	0.0196	1.352
11	rs2706627	12226461	A	0.07438	0.06058	C	5.634	0.01762	1.246
11	rs10741590	12419894	A	0.05521	0.06588	G	3.244	0.0717	0.8286
11	rs16865	12518633	A	0.3827	0.3605	C	3.675	0.05524	1.1
11	rs7121444	12583197	A	0.4431	0.4171	C	4.773	0.02891	1.112
11	rs12289262	12851334	A	0.2378	0.2568	G	3.247	0.07157	0.9032
11	rs16912069	13077058	C	0.03922	0.03135	A	3.421	0.06438	1.261
11	rs1528658	13946856	A	0.2089	0.192	C	3.13	0.07685	1.111
11	rs1528654	14084069	A	0.4401	0.4171	G	3.749	0.05285	1.099
11	rs10832368	15132561	A	0.3586	0.389	G	6.718	0.009543	0.8782
11	rs1109328	15139305	A	0.4272	0.4076	G	2.722	0.09895	1.084
11	rs4756803	15207502	G	0.2245	0.2429	A	3.21	0.07317	0.9021
11	rs7928484	15256698	G	0.515	0.4916	A	3.762	0.05244	1.098
11	rs4757341	15584431	G	0.06612	0.05414	A	4.718	0.02985	1.237
11	rs12800659	16265244	G	0.1796	0.202	A	5.424	0.01987	0.8648
11	rs216496	16793147	A	0.0387	0.04758	C	3.06	0.08024	0.8059
11	rs4756865	16801500	A	0.3024	0.3242	G	3.78	0.05187	0.9033
11	rs2023902	17830802	C	0.188	0.2113	A	5.635	0.0176	0.8645
11	rs2237936	17831124	A	0.07688	0.06508	G	3.875	0.049	1.196
11	rs16935005	18175254	A	0.09494	0.07834	G	6.449	0.0111	1.234
11	rs2271079	18519558	A	0.1249	0.1113	G	3.185	0.07432	1.14
11	rs1106866	18738442	A	0.1563	0.1725	G	3.195	0.07388	0.8888
11	rs1867875	18739492	A	0.2441	0.2274	G	2.71	0.09971	1.097
11	rs11024884	18906668	G	0.08738	0.0737	A	4.63	0.03141	1.203
11	rs7120810	19425695	A	0.05114	0.04271	G	2.931	0.08687	1.208
11	rs13377314	19463730	G	0.1027	0.09119	A	2.718	0.09922	1.141
11	rs7931824	19571323	A	0.1228	0.1096	G	3.032	0.08163	1.137
11	rs4757842	19727630	A	0.4809	0.4599	G	3.059	0.08028	1.088
11	rs2896584	19798892	A	0.09856	0.1122	G	3.25	0.07143	0.8653
11	rs6483616	19804598	A	0.3509	0.326	G	4.849	0.02766	1.118
11	rs17531257	19817884	C	0.1233	0.1402	A	4.103	0.04282	0.863
11	rs10500862	19821432	C	0.1176	0.131	A	2.726	0.09875	0.8845
11	rs11025300	19843265	A	0.16	0.1423	G	4.353	0.03695	1.148
11	rs11604874	19952413	A	0.1383	0.1575	G	4.862	0.02746	0.8583
11	rs4757882	20013734	A	0.1718	0.2018	G	9.746	0.001797	0.8206
11	rs2255674	20071853	G	0.4082	0.388	A	2.958	0.08546	1.088
11	rs831473	20119382	A	0.1293	0.1135	C	4.226	0.03981	1.16

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11	rs1520910	20151868	G	0.2304	0.2492	A	3.275	0.07036	0.902
11	rs1520900	20193516	A	0.0516	0.0412	G	4.596	0.03205	1.266
11	rs10833450	21033719	A	0.2126	0.2373	C	5.843	0.01564	0.868
11	rs11025990	21218608	A	0.3375	0.3668	G	6.438	0.01117	0.8791
11	rs10437584	21313973	A	0.2146	0.2354	C	4.161	0.04135	0.8876
11	rs4151056	21349063	A	0.06244	0.05214	G	3.624	0.05695	1.211
11	rs10833525	21382339	A	0.1282	0.1113	G	4.922	0.02652	1.175
11	rs11026074	21391040	A	0.09307	0.1084	G	4.262	0.03897	0.8438
11	rs883128	21391284	A	0.1228	0.1096	G	3.043	0.08111	1.137
11	rs12802424	21397847	A	0.109	0.09646	G	3.063	0.0801	1.146
11	rs7925081	22259173	C	0.3591	0.3354	A	4.335	0.03733	1.11
11	rs2665691	22327832	A	0.2738	0.2991	G	5.306	0.02126	0.8834
11	rs11026603	22489066	A	0.06502	0.08211	G	6.835	0.008938	0.7773
11	rs1072786	23212098	A	0.3678	0.3937	G	4.856	0.02756	0.8959
11	rs10500962	23505641	G	0.2474	0.268	A	3.724	0.05364	0.8982
11	rs7110068	23538973	G	0.2805	0.3025	A	3.992	0.04571	0.8987
11	rs2139515	24065510	A	0.06205	0.07701	G	5.53	0.01869	0.7929
11	rs1915061	24087063	C	0.391	0.3681	A	3.878	0.04893	1.102
11	rs11027743	24152695	G	0.1193	0.1343	A	3.361	0.06676	0.8734
11	rs7484277	24677730	A	0.343	0.3221	G	3.431	0.06398	1.099
11	rs16913066	24680874	A	0.206	0.2238	G	3.156	0.07566	0.8999
11	rs12099324	24683401	C	0.1228	0.1479	A	8.755	0.003088	0.8066
11	rs2716456	24689842	G	0.4521	0.424	A	5.516	0.01885	1.121
11	rs2716459	24703513	A	0.2162	0.2336	C	2.902	0.08849	0.9052
11	rs10500989	24708471	G	0.2666	0.285	A	2.889	0.08918	0.9117
11	rs970932	24713130	G	0.2487	0.218	A	9.466	0.002093	1.188
11	rs2716448	24713423	C	0.3895	0.418	A	5.801	0.01602	0.888
11	rs11028160	24750291	G	0.03612	0.02741	A	4.744	0.0294	1.329
11	rs16913433	24848575	G	0.05146	0.04256	A	3.256	0.07118	1.22
11	rs10834801	25757624	A	0.4416	0.4623	G	2.966	0.08503	0.9199
11	rs4347341	26651479	A	0.08626	0.07569	G	2.713	0.0995	1.153
11	rs12385796	27020443	G	0.146	0.1311	A	3.33	0.06803	1.133
11	rs908867	27702340	A	0.1033	0.09082	G	3.213	0.07306	1.153
11	rs2172229	27733198	G	0.3996	0.4196	A	2.838	0.09206	0.9205
11	rs1341296	29320292	A	0.4482	0.4697	G	3.172	0.07489	0.9173
11	rs441703	29779181	A	0.4675	0.4436	G	3.987	0.04586	1.101
11	rs12293750	32403561	A	0.01651	0.02416	C	4.435	0.03521	0.678
11	rs7113149	32474646	A	0.07808	0.09908	G	8.694	0.003192	0.77
11	rs2467584	32542951	A	0.5062	0.4859	G	2.852	0.09127	1.085
11	rs11031930	32648145	G	0.03251	0.04184	A	3.839	0.05006	0.7694
11	rs2068825	33302464	C	0.09091	0.1057	A	4.05	0.04416	0.846
11	rs3758640	33871004	G	0.3509	0.3748	A	4.24	0.03948	0.9015
11	rs7946026	33885924	G	0.3173	0.3481	A	7.226	0.007184	0.8706
11	rs2476504	34487986	G	0.1911	0.2088	A	3.268	0.07063	0.8956
11	rs12788347	34512252	G	0.1281	0.113	A	3.867	0.04925	1.153
11	rs3751031	35117652	G	0.07955	0.09088	A	2.714	0.09948	0.8645

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11	rs7943168	35438164	A	0.1522	0.1376	G	3.073	0.0796	1.125
11	rs676184	35824876	A	0.07276	0.05979	C	5.048	0.02465	1.234
11	rs684909	35843495	A	0.3735	0.3947	G	3.255	0.07118	0.9142
11	rs4540821	35914185	G	0.3166	0.3435	A	5.553	0.01844	0.8854
11	rs263096	35928326	A	0.08824	0.1021	G	3.685	0.05491	0.8507
11	rs17799503	36046996	G	0.1575	0.1364	A	6.468	0.01098	1.184
11	rs4543964	36274244	A	0.0356	0.04663	G	4.841	0.02778	0.7547
11	rs12421046	36311152	C	0.03406	0.04496	A	4.905	0.02678	0.7489
11	rs1346119	36338307	A	0.08411	0.09655	G	3.103	0.07816	0.8593
11	rs606442	36366402	G	0.09133	0.07923	A	3.41	0.0648	1.168
11	rs7104698	36830141	A	0.1502	0.1355	G	3.128	0.07694	1.127
11	rs1515038	37714969	G	0.1658	0.1454	A	5.636	0.0176	1.168
11	rs292745	37788198	G	0.1454	0.1243	A	6.862	0.008807	1.199
11	rs2618291	37907498	C	0.1043	0.09123	A	3.524	0.06048	1.16
11	rs10742431	38562049	G	0.03818	0.04962	A	4.901	0.02683	0.7604
11	rs11034871	38567581	A	0.07748	0.05716	C	12.73	0.0003593	1.385
11	rs7936167	40112635	G	0.1367	0.1516	A	2.978	0.08441	0.8866
11	rs7106315	40739867	A	0.2136	0.1965	G	3.175	0.07477	1.111
11	rs745200	41367041	A	0.4016	0.4229	G	3.218	0.07282	0.9156
11	rs2199482	42461438	G	0.2337	0.2559	A	4.456	0.03478	0.8872
11	rs11037017	42679063	G	0.0356	0.04536	A	3.881	0.04883	0.7769
11	rs4237634	42734128	G	0.3713	0.3921	A	3.144	0.0762	0.9155
11	rs10838120	43501407	C	0.2477	0.2308	A	2.76	0.09666	1.097
11	rs7114375	43507175	G	0.2175	0.2435	A	6.389	0.01149	0.8634
11	rs5010401	43538768	C	0.1307	0.1115	A	6.274	0.01225	1.197
11	rs11037478	43547468	A	0.0645	0.08356	G	8.373	0.003808	0.7562
11	rs11037567	43673851	G	0.1749	0.1915	A	3.074	0.07956	0.8953
11	rs2037296	43792647	A	0.2229	0.2478	G	5.78	0.01621	0.8707
11	rs7108942	44246702	A	0.2843	0.2593	G	5.586	0.01811	1.135
11	rs3853292	44273495	A	0.06863	0.07968	C	2.913	0.08785	0.8511
11	rs6485508	44300192	A	0.07224	0.0612	G	3.591	0.05811	1.194
11	rs813632	44426028	G	0.178	0.1957	A	3.47	0.06249	0.8898
11	rs357938	44457702	A	0.1868	0.2036	G	3.032	0.08164	0.8984
11	rs1529530	44472551	A	0.3096	0.3307	G	3.478	0.06218	0.9076
11	rs10501306	44539441	G	0.03044	0.03829	A	2.948	0.08596	0.7886
11	rs4755936	45247380	A	0.0903	0.1041	G	3.581	0.05844	0.854
11	rs7121775	45820899	G	0.2526	0.2335	A	3.487	0.06186	1.11
11	rs7114704	47250033	A	0.04804	0.05883	G	3.699	0.05444	0.8072
11	rs17151797	56772508	G	0.02993	0.03741	A	2.74	0.09789	0.7938
11	rs11570210	57333202	G	0.0387	0.04715	A	2.794	0.09463	0.8136
11	rs11230135	59584376	A	0.113	0.1294	C	4.169	0.04117	0.8571
11	rs11230420	60120537	A	0.02219	0.02955	G	3.35	0.06721	0.7452
11	rs491600	60490202	A	0.2239	0.2512	G	6.889	0.008671	0.86
11	rs175129	60591898	G	0.4592	0.4313	A	5.5	0.01902	1.12
11	rs9651726	60825934	G	0.09804	0.112	A	3.42	0.06443	0.8618
11	rs2852786	61270661	G	0.3375	0.3165	A	3.494	0.06158	1.1

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11	rs198475	61282647	A	0.2332	0.2521	G	3.287	0.06984	0.9022
11	rs259874	61568017	A	0.1054	0.1182	G	2.759	0.09668	0.8785
11	rs17157266	61956393	G	0.1858	0.1707	A	2.753	0.09707	1.109
11	rs4084164	61958034	A	0.3896	0.411	G	3.269	0.07058	0.9147
11	rs12803112	61966162	G	0.04489	0.03715	A	2.832	0.09238	1.218
11	rs10897280	61972433	A	0.3811	0.407	G	4.817	0.02818	0.897
11	rs633742	62301922	G	0.1863	0.2052	A	3.799	0.05127	0.8869
11	rs494608	62900257	A	0.2812	0.3032	G	3.98	0.04604	0.8989
11	rs7929406	63101778	G	0.09452	0.1084	A	3.46	0.06286	0.8589
11	rs627497	64395739	A	0.1517	0.1363	G	3.447	0.06338	1.133
11	rs10896016	65092281	G	0.2967	0.3215	A	4.888	0.02705	0.8903
11	rs559298	65755333	G	0.08308	0.07158	A	3.373	0.06628	1.175
11	rs948360	65863301	A	0.07172	0.08625	G	4.7	0.03017	0.8185
11	rs3741190	66573083	A	0.05728	0.07317	G	6.575	0.01034	0.7695
11	rs1790733	66942576	G	0.06573	0.07958	A	4.58	0.03234	0.8138
11	rs4930482	67217105	A	0.03148	0.04166	G	4.597	0.03202	0.7477
11	rs12418774	67530807	G	0.1276	0.1119	A	4.219	0.03998	1.161
11	rs11228364	68340260	A	0.1295	0.1116	G	5.483	0.0192	1.184
11	rs597587	69112459	A	0.04076	0.03313	G	3.06	0.08022	1.24
11	rs1789172	69203773	G	0.338	0.3694	A	7.358	0.006675	0.8714
11	rs12418125	69577147	A	0.05487	0.04536	G	3.516	0.06077	1.222
11	rs17346526	70397545	G	0.06398	0.07693	A	4.141	0.04185	0.8202
11	rs11604398	70547169	G	0.1245	0.1435	A	5.081	0.0242	0.8486
11	rs7120230	70617976	G	0.0735	0.08521	A	3.066	0.07995	0.8517
11	rs1792331	70786595	G	0.31	0.3447	A	9.196	0.002425	0.8543
11	rs3741162	71768876	G	0.05108	0.04288	A	2.775	0.09573	1.202
11	rs341032	71927497	A	0.0805	0.06199	C	9.857	0.001691	1.325
11	rs7122222	71938136	A	0.1605	0.1762	G	2.964	0.08513	0.8937
11	rs433640	71959532	G	0.1586	0.1446	A	2.711	0.09965	1.115
11	rs755933	72003130	A	0.1307	0.1608	G	11.78	0.0006003	0.7846
11	rs11603160	72571921	A	0.1646	0.1816	G	3.371	0.06634	0.8881
11	rs1790063	72673560	A	0.1718	0.1542	G	4.045	0.04429	1.138
11	rs2366788	73006676	A	0.1679	0.1887	G	4.909	0.02672	0.8676
11	rs599605	73797695	A	0.1821	0.1577	C	7.672	0.005608	1.19
11	rs7943857	73832768	G	0.1187	0.1352	A	4.075	0.04353	0.8613
11	rs3094303	74791719	G	0.05779	0.06868	A	3.248	0.0715	0.8318
11	rs1790157	74827791	A	0.06914	0.08033	G	2.966	0.08506	0.8504
11	rs12788428	74932771	A	0.1022	0.1182	C	4.309	0.03792	0.8489
11	rs687096	74939799	A	0.02585	0.04016	C	9.499	0.002056	0.6343
11	rs12277421	74945296	G	0.01603	0.0285	A	10.14	0.001451	0.5554
11	rs628957	75509963	A	0.5181	0.49	G	5.432	0.01977	1.119
11	rs11824655	76015176	G	0.03922	0.03179	A	3.012	0.08264	1.243
11	rs2186677	76016842	A	0.2604	0.2954	G	10.2	0.001407	0.8397
11	rs7122065	76067823	A	0.3793	0.3997	G	3.017	0.08242	0.9175
11	rs10899285	76191470	G	0.0387	0.02698	A	8.623	0.003319	1.452
11	rs1944027	76475009	G	0.1465	0.1657	A	4.643	0.03118	0.8643

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11	rs3133324	77576745	A	0.3091	0.3282	G	2.856	0.09102	0.9159
11	rs4945276	77842632	C	0.3146	0.3364	A	3.689	0.05476	0.9054
11	rs12799882	78485098	A	0.2061	0.1886	G	3.407	0.06492	1.117
11	rs10501435	78595962	G	0.2945	0.2654	A	7.413	0.006475	1.155
11	rs10899623	78818346	A	0.1562	0.1371	G	5.209	0.02248	1.165
11	rs12273202	78872482	G	0.3437	0.3629	A	2.763	0.09647	0.9193
11	rs7112396	78879867	A	0.5171	0.4869	G	6.263	0.01233	1.128
11	rs11824682	79394400	G	0.06398	0.0545	A	2.961	0.08529	1.186
11	rs1151207	79685662	A	0.04747	0.03762	C	4.497	0.03395	1.275
11	rs7396397	79716897	A	0.2908	0.2705	G	3.579	0.05852	1.106
11	rs1562963	79877411	A	0.06698	0.05696	G	3.152	0.07584	1.189
11	rs7105769	79886940	A	0.1304	0.1472	C	3.901	0.04825	0.8689
11	rs10501481	80214984	G	0.08729	0.07444	A	4.062	0.04387	1.189
11	rs4945441	80235814	A	0.1858	0.1677	G	4.006	0.04533	1.133
11	rs2514498	80528787	A	0.09086	0.07744	G	4.255	0.03914	1.191
11	rs10501518	80884912	C	0.2617	0.2444	A	2.767	0.09622	1.096
11	rs716281	81131219	G	0.4757	0.4539	A	3.306	0.06902	1.092
11	rs7113242	81246498	A	0.2001	0.2202	G	4.088	0.04318	0.8858
11	rs17143121	81322520	A	0.1544	0.1381	G	3.815	0.05079	1.14
11	rs7944284	81471661	A	0.114	0.09333	G	8.555	0.003445	1.25
11	rs12363011	81966698	A	0.1743	0.1959	G	5.18	0.02285	0.8661
11	rs17145887	83040125	G	0.02118	0.03046	A	5.2	0.02258	0.6886
11	rs12364727	83280015	G	0.06244	0.05261	A	3.28	0.07014	1.199
11	rs790361	83304626	A	0.1885	0.2061	C	3.257	0.07111	0.8952
11	rs11233821	83328750	G	0.02376	0.03275	A	4.528	0.03335	0.7189
11	rs7129994	84057682	A	0.2513	0.2722	G	3.802	0.05118	0.8975
11	rs476791	84572681	G	0.05763	0.07062	A	4.493	0.03404	0.8048
11	rs448419	85071886	A	0.1038	0.1211	G	4.887	0.02706	0.841
11	rs11234658	85834496	G	0.3017	0.3239	A	3.896	0.04841	0.9018
11	rs17212374	86364493	G	0.04494	0.03605	A	3.815	0.05081	1.258
11	rs17822261	87053149	A	0.1101	0.09484	G	4.617	0.03166	1.181
11	rs1426925	87550930	A	0.2606	0.2802	G	3.294	0.06955	0.9055
11	rs217093	87610059	G	0.05435	0.04154	A	6.868	0.008774	1.326
11	rs688858	87652911	G	0.3378	0.3184	A	2.99	0.08379	1.092
11	rs4753064	87791123	A	0.3022	0.3235	C	3.589	0.05817	0.9054
11	rs11019834	87791355	C	0.06398	0.04953	A	7.431	0.00641	1.312
11	rs1038842	87803548	A	0.2071	0.1892	G	3.563	0.05909	1.119
11	rs16916113	90886767	A	0.0289	0.03701	G	3.265	0.07075	0.7742
11	rs10501779	91719200	C	0.1898	0.1745	A	2.774	0.09579	1.108
11	rs1941438	91849501	C	0.2771	0.3036	A	5.772	0.01629	0.8792
11	rs2895570	94102741	G	0.3051	0.3268	A	3.695	0.05458	0.9045
11	rs1430860	94111575	G	0.1874	0.1722	A	2.757	0.09681	1.108
11	rs3740853	94371407	A	0.2296	0.2129	G	2.84	0.09194	1.102
11	rs673330	94464314	G	0.1409	0.1569	A	3.373	0.06626	0.8812
11	rs4127374	94511972	G	0.03472	0.04388	A	3.52	0.06064	0.7836
11	rs10831311	94521927	C	0.4462	0.4735	A	5.172	0.02295	0.8956

GNE_0369PR_TableS1									
11	rs4365015	94782024	A	0.2147	0.198	G	3.001	0.08319	1.107
11	rs6483433	94895185	A	0.05418	0.04522	G	3.145	0.07617	1.21
11	rs1150347	95023218	A	0.1378	0.1527	G	3.014	0.08253	0.8863
11	rs7935645	95347366	G	0.04881	0.0388	A	4.486	0.03418	1.271
11	rs2509102	95401608	C	0.2433	0.2682	A	5.5	0.01902	0.877
11	rs544552	95516314	A	0.3209	0.341	G	3.085	0.079	0.9136
11	rs477550	95604715	G	0.183	0.2016	A	3.725	0.05362	0.8872
11	rs10765808	95850747	A	0.3237	0.2982	C	5.312	0.02118	1.126
11	rs10501855	95882837	A	0.1338	0.1521	G	4.537	0.03317	0.8609
11	rs1690587	96561940	G	0.2497	0.2288	A	4.233	0.03964	1.122
11	rs12577310	98251824	A	0.02219	0.03113	G	4.719	0.02984	0.7062
11	rs12807115	99120957	G	0.3538	0.332	A	3.696	0.05454	1.102
11	rs17095436	100146004	A	0.02219	0.03137	G	4.937	0.02629	0.7008
11	rs486023	100148347	A	0.2987	0.2808	G	2.719	0.09917	1.091
11	rs661237	100235297	G	0.2905	0.318	A	6.023	0.01412	0.878
11	rs512078	100237353	A	0.03375	0.0475	G	7.397	0.006535	0.7003
11	rs12805701	100649412	A	0.0645	0.07631	G	3.467	0.06262	0.8346
11	rs1943760	100664633	G	0.344	0.3658	A	3.549	0.05957	0.909
11	rs10895115	100857637	C	0.2949	0.3165	A	3.714	0.05397	0.9034
11	rs7949939	101096401	G	0.345	0.3193	A	5.213	0.02242	1.123
11	rs1894116	101575849	G	0.09469	0.08213	A	3.531	0.06023	1.169
11	rs10895294	101775419	G	0.2175	0.1859	A	11.19	0.000821	1.217
11	rs670334	101813650	A	0.1295	0.1455	G	3.594	0.05799	0.8736
11	rs12146477	102130166	G	0.2957	0.2716	A	5.026	0.02498	1.126
11	rs11608130	102498194	G	0.0625	0.04998	A	5.543	0.01856	1.267
11	rs10502025	103449635	C	0.257	0.2774	A	3.601	0.05776	0.901
11	rs17432191	103910291	A	0.128	0.1424	C	2.982	0.08417	0.8836
11	rs6591101	104235532	A	0.1858	0.1697	G	3.124	0.07716	1.116
11	rs7125155	104322127	G	0.08824	0.07708	A	2.975	0.08456	1.159
11	rs1613367	104416241	C	0.3824	0.4056	A	3.859	0.04948	0.9072
11	rs17561086	105903230	A	0.07534	0.08676	C	2.879	0.08976	0.8576
11	rs1939894	106999414	G	0.4489	0.4721	A	3.717	0.05386	0.911
11	rs4754272	107271573	A	0.287	0.3089	G	3.867	0.04925	0.9005
11	rs11607758	107469157	G	0.144	0.1198	A	9.388	0.002185	1.236
11	rs11212672	107862662	G	0.3096	0.3416	A	7.92	0.00489	0.8641
11	rs4258339	108417216	G	0.3704	0.3921	A	3.441	0.06362	0.9118
11	rs989595	108500536	G	0.1367	0.1217	A	3.628	0.05681	1.144
11	rs11212938	108511038	A	0.07327	0.0866	G	3.932	0.04737	0.834
11	rs1892950	108764823	A	0.06729	0.07828	G	2.922	0.0874	0.8495
11	rs10749952	109366322	G	0.3971	0.3702	A	5.337	0.02088	1.121
11	rs1789374	109411408	G	0.3282	0.2999	A	6.506	0.01075	1.14
11	rs226130	110206656	A	0.3504	0.3315	G	2.752	0.09715	1.087
11	rs321337	110441742	G	0.1073	0.1375	A	13.52	0.0002358	0.7542
11	rs11213821	110669861	G	0.3101	0.2917	A	2.815	0.09337	1.091
11	rs12800302	110762412	A	0.4252	0.4536	G	5.625	0.0177	0.891
11	rs949126	110815769	A	0.1873	0.1712	G	3.128	0.07698	1.116

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11	rs7933113	111840841	A	0.1213	0.101	G	7.623	0.005762	1.228
11	rs1877351	112163648	G	0.08772	0.07491	A	4.018	0.04503	1.187
11	rs4937786	112258317	A	0.1859	0.205	C	3.831	0.05032	0.8855
11	rs7122359	112587758	C	0.2324	0.2144	A	3.32	0.06845	1.11
11	rs7130671	112621581	A	0.3349	0.365	G	6.777	0.009234	0.876
11	rs2509220	113437670	G	0.4943	0.4709	A	3.779	0.0519	1.098
11	rs402311	113610837	G	0.3375	0.3182	A	2.951	0.08583	1.092
11	rs10502189	113849120	G	0.07379	0.06206	A	3.997	0.04558	1.204
11	rs566531	113892279	A	0.04767	0.03638	C	6.048	0.01392	1.326
11	rs10891729	114042950	A	0.0872	0.07581	G	3.15	0.07591	1.165
11	rs1517688	114046285	G	0.1151	0.1318	A	4.29	0.03833	0.8563
11	rs10128746	114580646	G	0.04149	0.05261	A	4.351	0.03698	0.7796
11	rs11215433	114606504	G	0.05676	0.06951	A	4.42	0.03551	0.8055
11	rs11608105	114756400	A	0.02786	0.03625	G	3.557	0.05929	0.7621
11	rs10502205	114921601	G	0.05992	0.0734	A	4.695	0.03026	0.8046
11	rs543925	115760668	A	0.1753	0.151	C	7.785	0.005268	1.195
11	rs490592	115803577	A	0.1821	0.2003	C	3.564	0.05905	0.8894
11	rs11215936	115818726	A	0.03409	0.04427	G	4.329	0.03747	0.7619
11	rs7943240	115944812	G	0.3369	0.3579	A	3.302	0.06918	0.9117
11	rs947987	116012317	A	0.2972	0.3167	G	3.03	0.08172	0.9126
11	rs7946299	116093059	G	0.1517	0.1357	A	3.727	0.05353	1.139
11	rs1056136	116626208	C	0.1925	0.1758	A	3.291	0.06968	1.118
11	rs2298767	116879680	A	0.1017	0.118	G	4.491	0.03406	0.8458
11	rs536761	117022576	A	0.3852	0.4065	G	3.239	0.07189	0.9148
11	rs496371	117227925	A	0.3075	0.2884	G	3.06	0.08022	1.096
11	rs1047417	118677746	G	0.2761	0.2586	A	2.743	0.09767	1.093
11	rs2511841	118711585	G	0.3378	0.3176	A	3.23	0.07232	1.096
11	rs891292	118881882	G	0.4639	0.4873	A	3.797	0.05133	0.9103
11	rs2663626	118937036	A	0.162	0.1772	G	2.75	0.09725	0.8977
11	rs552040	119217434	A	0.259	0.2806	C	4.007	0.04532	0.8961
11	rs507622	119269444	A	0.06708	0.08247	G	5.507	0.01894	0.7999
11	rs10502232	119295278	G	0.04029	0.03304	A	2.77	0.09603	1.229
11	rs2847497	119617909	A	0.08772	0.07391	C	4.719	0.02984	1.205
11	rs503473	119860440	G	0.4912	0.4709	A	2.87	0.09023	1.085
11	rs12364480	119870238	G	0.2004	0.2182	A	3.209	0.07322	0.8982
11	rs12364414	119878739	A	0.3462	0.3205	G	5.173	0.02294	1.123
11	rs7924856	120003261	A	0.3859	0.3631	G	3.847	0.04984	1.102
11	rs7928903	120004254	A	0.2023	0.2236	G	4.559	0.03275	0.8804
11	rs7937444	120774936	G	0.2336	0.2115	A	4.946	0.02614	1.136
11	rs11501162	120905972	A	0.04654	0.03736	G	3.926	0.04754	1.257
11	rs12421071	121326266	A	0.02477	0.03566	G	6.155	0.01311	0.6867
11	rs1789742	121338455	C	0.04193	0.03445	A	2.826	0.09277	1.226
11	rs11218553	121590345	G	0.1637	0.1814	A	3.633	0.05663	0.8838
11	rs531743	121625352	G	0.02914	0.04234	A	7.611	0.005801	0.6788
11	rs11218581	121700475	A	0.0471	0.05666	G	2.996	0.08347	0.8229
11	rs12798180	122063212	A	0.03302	0.04369	G	4.822	0.02809	0.7475

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11	rs7932902	122096443	G	0.09804	0.08574	A	3.283	0.07001	1.159
11	rs1461493	122394015	A	0.03457	0.04706	C	6.168	0.01301	0.7252
11	rs7115102	122519546	A	0.1765	0.1578	G	4.455	0.03481	1.143
11	rs11822822	122749152	G	0.1901	0.2178	A	7.829	0.005141	0.8431
11	rs7944977	122754192	G	0.04076	0.0559	A	7.708	0.005499	0.7177
11	rs1275066	122991727	G	0.4582	0.4323	A	4.702	0.03013	1.111
11	rs1720344	123016861	A	0.4742	0.4528	G	3.186	0.07425	1.09
11	rs1841876	123054934	A	0.05837	0.0718	G	4.758	0.02917	0.8013
11	rs12273127	123062806	A	0.05165	0.06213	G	3.302	0.06918	0.8222
11	rs10790651	123587346	G	0.02221	0.03014	A	3.815	0.05079	0.7309
11	rs512225	124044446	A	0.225	0.2431	G	3.108	0.07788	0.9036
11	rs566852	124091661	A	0.06708	0.0536	G	6.023	0.01412	1.27
11	rs11826296	124180134	G	0.07585	0.08757	A	3.007	0.08292	0.8552
11	rs7118508	124478042	A	0.4448	0.4715	G	4.945	0.02616	0.8979
11	rs920486	124489192	A	0.2104	0.228	G	3.034	0.08155	0.9025
11	rs11219996	124632262	A	0.08058	0.06849	G	3.877	0.04894	1.192
11	rs11220003	124645724	A	0.4995	0.479	G	2.897	0.08875	1.085
11	rs4935918	124705457	G	0.3204	0.3441	A	4.3	0.03811	0.8988
11	rs11220043	124763058	A	0.06037	0.0504	G	3.511	0.06095	1.211
11	rs11607492	124777434	A	0.1316	0.1145	G	4.88	0.02717	1.171
11	rs12419651	125559846	C	0.07908	0.09155	A	3.244	0.0717	0.8521
11	rs10893496	125694590	A	0.01858	0.02479	G	2.831	0.09245	0.7446
11	rs12803395	125874866	A	0.2975	0.2745	G	4.579	0.03237	1.12
11	rs10893539	125930787	G	0.2281	0.21	A	3.358	0.06688	1.111
11	rs535603	125974814	A	0.1156	0.1032	G	2.84	0.09194	1.136
11	rs11220722	126397344	A	0.04386	0.05489	G	4.132	0.04207	0.7898
11	rs12793676	127364290	A	0.08558	0.09796	G	3.017	0.08237	0.8618
11	rs12574791	127688194	C	0.07895	0.09056	A	2.862	0.09067	0.8608
11	rs675308	128144986	A	0.1548	0.1732	G	4.125	0.04226	0.8742
11	rs2846700	128274148	G	0.2002	0.1826	A	3.574	0.0587	1.121
11	rs3734068	129320230	G	0.0547	0.06442	A	2.752	0.09716	0.8403
11	rs11222239	130005915	C	0.09598	0.08475	A	2.764	0.09641	1.146
11	rs1945935	130506095	A	0.1011	0.08737	C	4.034	0.04459	1.175
11	rs1627835	130516003	A	0.2699	0.2893	G	3.174	0.0748	0.908
11	rs7129945	130608297	G	0.2276	0.2449	A	2.832	0.0924	0.9081
11	rs1894231	130610928	A	0.4199	0.3952	C	4.401	0.03591	1.108
11	rs4937614	130613052	A	0.16	0.1812	G	5.287	0.02148	0.8606
11	rs1793773	130620414	G	0.1574	0.1433	A	2.763	0.09644	1.117
11	rs4128590	130729658	G	0.1237	0.11	A	3.269	0.07061	1.142
11	rs908145	130967369	G	0.1373	0.155	A	4.185	0.04079	0.8674
11	rs11608052	131011625	G	0.06656	0.07745	A	2.904	0.08838	0.8494
11	rs652954	131328188	G	0.05119	0.04043	A	4.998	0.02537	1.28
11	rs11222960	131541007	G	0.06914	0.05756	A	4.182	0.04085	1.216
11	rs4357699	131557866	A	0.1945	0.2151	G	4.34	0.03723	0.8815
11	rs2725436	132220785	C	0.05418	0.06563	A	3.757	0.05258	0.8155
11	rs7119431	132241838	C	0.1169	0.1319	A	3.402	0.06513	0.8713

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11	rs12799692	132271103	G	0.2761	0.2535	A	4.597	0.03203	1.123
11	rs7930174	132360778	G	0.03302	0.02429	A	5.344	0.02079	1.372
11	rs4598679	132571572	A	0.3055	0.2833	G	4.17	0.04115	1.113
11	rs12271299	132585158	A	0.2237	0.2446	G	4.128	0.04217	0.8896
11	rs478223	132595901	G	0.1256	0.1098	A	4.366	0.03666	1.165
11	rs12365021	132605443	A	0.2775	0.2548	G	4.627	0.03148	1.123
11	rs7122632	132680696	A	0.1875	0.2045	G	3.078	0.07936	0.8977
11	rs7104890	132706246	A	0.1333	0.1196	G	3.019	0.08229	1.132
11	rs12804771	132726154	G	0.3475	0.3215	A	5.297	0.02136	1.124
11	rs7938100	132802000	G	0.06605	0.05416	A	4.651	0.03103	1.235
11	rs4427583	132908547	A	0.2546	0.2914	G	11.39	0.0007401	0.8307
11	rs10894697	132938236	G	0.1126	0.1264	A	3.015	0.08249	0.8768
11	rs10894740	133101332	G	0.1367	0.1202	A	4.379	0.03638	1.159
11	rs329686	133360359	G	0.1872	0.1712	A	3.06	0.08026	1.115
11	rs513412	133700147	G	0.3612	0.3398	A	3.5	0.06137	1.098
11	rs1258854	133708748	A	0.4118	0.3866	G	4.578	0.03238	1.11
11	rs3802928	133731488	A	0.04334	0.05265	G	3.053	0.08059	0.8152
11	rs4937894	133838570	A	0.2755	0.2989	G	4.507	0.03376	0.8922
11	rs7113440	133935482	G	0.2938	0.3138	A	3.223	0.07263	0.9095
11	rs1944878	134003330	C	0.2172	0.1975	A	4.215	0.04007	1.128
11	rs11223950	134069023	G	0.07632	0.06246	A	5.432	0.01977	1.24
11	rs7101439	134198714	A	0.05021	0.06033	G	3.166	0.07517	0.8233
11	rs10458997	134251340	A	0.3006	0.3195	G	2.819	0.09314	0.9155
11	rs7944422	134404931	G	0.1249	0.144	A	5.209	0.02247	0.8479
12	rs7955954	134397	G	0.1311	0.1495	A	4.657	0.03093	0.8582
12	rs12229103	571778	A	0.07231	0.05577	C	8.697	0.003187	1.32
12	rs11064294	675712	A	0.1684	0.1475	G	5.914	0.01502	1.17
12	rs4766403	1630739	C	0.4344	0.4148	A	2.718	0.09921	1.083
12	rs2058112	1732419	A	0.1089	0.1269	G	5.141	0.02337	0.8404
12	rs11611260	1787099	A	0.06677	0.05466	G	4.776	0.02885	1.237
12	rs2238015	2045674	A	0.03973	0.03099	G	4.261	0.039	1.294
12	rs2283275	2054821	G	0.2126	0.232	A	3.685	0.0549	0.8936
12	rs7313403	2418535	A	0.1806	0.1637	G	3.55	0.05956	1.126
12	rs2109108	2808343	G	0.03715	0.04587	A	3.058	0.08035	0.8026
12	rs11062373	2815908	A	0.2386	0.2574	G	3.195	0.07389	0.9042
12	rs10774085	2930485	C	0.3197	0.3392	A	2.927	0.08713	0.9156
12	rs7138776	2943410	A	0.3311	0.3524	G	3.424	0.06425	0.9098
12	rs10848789	3065463	A	0.2958	0.317	G	3.603	0.05767	0.9049
12	rs3825341	3241953	A	0.04386	0.03588	G	3.101	0.07825	1.233
12	rs12829151	3455805	A	0.07069	0.08172	G	2.836	0.09218	0.8548
12	rs10491970	3605364	A	0.09133	0.1099	G	6.171	0.01299	0.8142
12	rs7295299	3611046	A	0.4143	0.381	G	8.047	0.004559	1.149
12	rs12813439	3720935	A	0.1182	0.1042	G	3.566	0.05899	1.152
12	rs11062904	3871280	A	0.1736	0.1558	C	4.104	0.04277	1.139
12	rs2578467	3931149	A	0.3185	0.3457	G	5.657	0.01738	0.8845
12	rs663472	3968769	C	0.2265	0.198	A	8.718	0.003151	1.186

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12	rs12371880	4195416	A	0.06295	0.07424	G	3.247	0.07155	0.8378
12	rs3217863	4269757	A	0.08772	0.07628	G	3.155	0.07568	1.164
12	rs17700494	4357652	A	0.04752	0.03923	C	3.072	0.07966	1.222
12	rs2970828	4423930	G	0.3308	0.3014	A	7.012	0.008095	1.145
12	rs11063172	4447222	G	0.05057	0.06112	A	3.411	0.06476	0.8181
12	rs11616162	4461342	A	0.2273	0.2104	G	2.952	0.08576	1.104
12	rs4631963	4836475	G	0.2307	0.248	A	2.808	0.09378	0.9089
12	rs2359472	4847059	A	0.07121	0.08369	G	3.561	0.05917	0.8394
12	rs7963902	4988938	A	0.3108	0.344	G	8.486	0.003579	0.8597
12	rs7133563	5308881	A	0.3197	0.294	G	5.443	0.01965	1.129
12	rs1124462	5343566	C	0.1507	0.1353	A	3.462	0.06281	1.134
12	rs10492093	5347291	G	0.1018	0.1257	A	9.156	0.002479	0.7879
12	rs11063674	5409395	A	0.1574	0.1424	G	3.142	0.07628	1.125
12	rs4075789	5480731	A	0.05366	0.06342	G	2.811	0.09364	0.8374
12	rs7489044	5879856	G	0.04287	0.03517	A	2.946	0.08609	1.229
12	rs3181301	6216045	C	0.5005	0.4713	A	5.903	0.01511	1.124
12	rs11064160	6372969	G	0.1357	0.1205	A	3.729	0.05348	1.146
12	rs12369647	6403293	A	0.05315	0.06314	G	2.962	0.08522	0.8328
12	rs11064386	6766579	G	0.145	0.129	A	3.873	0.04908	1.145
12	rs10844995	7410752	A	0.2301	0.2501	C	3.68	0.05506	0.8963
12	rs12815647	7584078	A	0.0424	0.03304	C	4.578	0.03239	1.296
12	rs7969455	7757402	A	0.1594	0.1771	G	3.73	0.05343	0.8813
12	rs11055677	7813713	G	0.297	0.2737	A	4.69	0.03033	1.121
12	rs7976721	7824902	G	0.1499	0.131	A	5.37	0.02049	1.17
12	rs2889545	7884583	C	0.2188	0.2001	A	3.732	0.05339	1.119
12	rs7307261	8014573	G	0.2867	0.3123	A	5.304	0.02128	0.8848
12	rs11057065	8099511	G	0.3013	0.3301	A	6.48	0.01091	0.8753
12	rs12372630	8244099	G	0.424	0.4557	A	6.973	0.008276	0.8793
12	rs2087307	10153542	C	0.2797	0.2575	A	4.394	0.03607	1.119
12	rs6488271	10241957	A	0.1244	0.1095	G	3.854	0.04962	1.155
12	rs10845073	10255573	G	0.08118	0.09415	A	3.443	0.06353	0.8501
12	rs17817150	11232788	A	0.3202	0.3424	G	3.772	0.05212	0.9048
12	rs1863842	11351330	C	0.1836	0.168	A	2.965	0.08507	1.114
12	rs11054385	11667499	G	0.1321	0.1484	A	3.681	0.05502	0.8732
12	rs17210029	11675908	A	0.0903	0.07874	G	3.13	0.07686	1.161
12	rs2856329	11833987	A	0.3151	0.296	G	2.998	0.08337	1.094
12	rs2856330	11834044	G	0.1063	0.1214	A	3.736	0.05326	0.8608
12	rs2710293	11860837	A	0.5093	0.4863	G	3.66	0.05572	1.097
12	rs2855736	11872565	A	0.2069	0.2253	G	3.369	0.06642	0.897
12	rs10845412	11885900	A	0.1111	0.1293	C	5.155	0.02318	0.8414
12	rs2156932	11938544	G	0.07637	0.08932	A	3.613	0.05734	0.843
12	rs2961557	12000772	A	0.1059	0.1235	C	5.01	0.02521	0.8405
12	rs7312361	12006047	A	0.3091	0.2884	G	3.587	0.05825	1.104
12	rs2058821	12331645	G	0.2497	0.2308	A	3.469	0.06252	1.109
12	rs11054986	12628179	C	0.08204	0.09763	A	4.836	0.02788	0.826
12	rs1014448	12637852	G	0.08705	0.07046	A	7.057	0.007897	1.258

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12	rs10743992	12660774	A	0.03251	0.04084	G	3.125	0.07711	0.7891
12	rs6488552	12792912	G	0.3049	0.2868	A	2.719	0.09917	1.09
12	rs4763952	13296923	G	0.08514	0.07409	A	3.025	0.082	1.163
12	rs2160519	13679113	G	0.02068	0.02734	A	2.949	0.08591	0.7513
12	rs2268110	13744368	A	0.1347	0.1584	G	7.408	0.006495	0.8267
12	rs2300250	13751888	G	0.5041	0.4813	A	3.599	0.05782	1.096
12	rs12422964	14122877	A	0.05613	0.04363	G	6.233	0.01254	1.304
12	rs10845925	14260007	G	0.1171	0.131	A	2.949	0.08595	0.8796
12	rs4764074	14319385	A	0.3844	0.3638	G	3.154	0.07576	1.092
12	rs10492154	14777882	G	0.07712	0.09235	A	4.835	0.02788	0.8214
12	rs10492152	14783164	G	0.1829	0.168	A	2.706	0.09996	1.108
12	rs12371396	15863867	A	0.04799	0.06454	G	8.043	0.004567	0.7306
12	rs2900367	16028049	G	0.3617	0.3304	A	7.605	0.00582	1.148
12	rs7980712	16042955	G	0.1331	0.1479	A	3.001	0.08323	0.885
12	rs1372315	17138023	G	0.1887	0.2063	A	3.285	0.0699	0.8945
12	rs1447408	18514308	G	0.142	0.1274	A	3.298	0.06938	1.134
12	rs883529	19132660	A	0.03251	0.04273	G	4.523	0.03345	0.7527
12	rs7960116	19764089	A	0.0872	0.1016	G	3.954	0.04675	0.8451
12	rs10505867	20207199	A	0.1011	0.1174	G	4.467	0.03455	0.8458
12	rs183903	20317357	G	0.06778	0.08132	A	4.264	0.03893	0.8214
12	rs10841577	20675028	G	0.4477	0.4785	A	6.535	0.01058	0.8834
12	rs12580173	20680350	A	0.07291	0.08916	C	5.701	0.01696	0.8034
12	rs11045417	20773029	G	0.3589	0.3398	A	2.78	0.09545	1.088
12	rs10743430	22042840	G	0.04447	0.05603	A	4.447	0.03496	0.784
12	rs11046265	22080897	A	0.3015	0.3248	G	4.264	0.03892	0.8972
12	rs759584	22201051	A	0.141	0.1564	G	3.114	0.07765	0.8856
12	rs4762904	22369692	A	0.4211	0.4493	G	5.583	0.01813	0.8913
12	rs4963793	22705303	G	0.09762	0.1182	A	7.131	0.007574	0.8069
12	rs261926	22761409	A	0.4686	0.4939	G	4.339	0.03724	0.9038
12	rs11046599	22818520	C	0.0805	0.09505	A	4.314	0.0378	0.8335
12	rs260881	22832245	A	0.06612	0.08419	G	7.465	0.006291	0.7701
12	rs2047329	23031945	A	0.1111	0.09274	G	6.743	0.00941	1.222
12	rs11047073	23784584	A	0.06553	0.05399	G	4.405	0.03583	1.229
12	rs1909355	24179420	A	0.06347	0.07467	G	3.183	0.0744	0.8398
12	rs1464502	24279356	G	0.3328	0.3115	A	3.633	0.05664	1.102
12	rs11047372	24376696	C	0.09866	0.08678	A	3.025	0.082	1.152
12	rs1392196	24915418	G	0.4623	0.4328	A	6.105	0.01348	1.127
12	rs10505955	24985488	G	0.4644	0.4347	A	6.167	0.01301	1.127
12	rs12229477	25022596	A	0.1749	0.1981	G	5.913	0.01503	0.8579
12	rs10505956	25041779	G	0.1294	0.1162	A	2.869	0.09028	1.13
12	rs1497259	25098920	G	0.388	0.4124	A	4.25	0.03924	0.9033
12	rs10842712	26376811	A	0.01393	0.02207	G	5.507	0.01894	0.6262
12	rs1049376	26382742	G	0.2896	0.2695	A	3.514	0.06085	1.105
12	rs12829066	26422244	A	0.3433	0.3775	G	8.605	0.003352	0.862
12	rs16931036	26640404	G	0.2085	0.2252	A	2.795	0.09458	0.906
12	rs1482978	26678640	G	0.06632	0.07817	A	3.401	0.06515	0.8376

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12	rs11048665	26751185	G	0.07121	0.08381	A	3.623	0.05698	0.8381
12	rs4964017	26840529	C	0.2018	0.2231	A	4.587	0.03222	0.8799
12	rs11610353	27282464	C	0.06863	0.08018	A	3.165	0.07523	0.8453
12	rs11049056	27629701	C	0.3111	0.336	A	4.79	0.02862	0.8927
12	rs11049065	27652106	G	0.07712	0.06616	A	3.29	0.06971	1.18
12	rs231210	28128561	A	0.3411	0.3613	C	3.05	0.08075	0.9152
12	rs11050235	29489747	G	0.08978	0.105	A	4.304	0.03802	0.8409
12	rs10771544	29541628	A	0.4008	0.4303	C	6.134	0.01326	0.8856
12	rs299441	29551471	A	0.4711	0.4479	G	3.75	0.0528	1.098
12	rs11050263	29557295	G	0.1074	0.1236	A	4.209	0.04022	0.8535
12	rs7955592	29669302	A	0.2234	0.2403	G	2.716	0.09937	0.9094
12	rs16935288	30088479	A	0.1023	0.1189	G	4.632	0.03138	0.8439
12	rs12578733	30405397	G	0.1471	0.1335	A	2.711	0.09963	1.119
12	rs2075364	30997917	G	0.01961	0.02722	A	3.891	0.04853	0.7148
12	rs2374000	31311573	A	0.2361	0.2133	G	5.25	0.02195	1.139
12	rs1677193	31647422	C	0.3728	0.3961	A	3.914	0.04788	0.9062
12	rs11051493	31672645	A	0.07276	0.06219	G	3.246	0.0716	1.183
12	rs1817526	31778238	A	0.3282	0.3057	G	4.096	0.04299	1.11
12	rs1259866	31998233	A	0.376	0.3553	G	3.214	0.07302	1.094
12	rs17587240	32216222	G	0.09236	0.07459	A	7.711	0.005488	1.263
12	rs12579179	33624942	G	0.03054	0.02277	A	4.497	0.03395	1.352
12	rs11611119	38452524	G	0.3175	0.2983	A	3.019	0.08227	1.094
12	rs1444206	39362401	A	0.1417	0.1572	G	3.148	0.07601	0.8852
12	rs1027465	40568448	A	0.3652	0.3444	G	3.298	0.06937	1.095
12	rs1024699	40631784	A	0.393	0.3681	G	4.547	0.03297	1.111
12	rs11834039	41320636	A	0.1507	0.1669	C	3.28	0.07014	0.8858
12	rs11182160	42241750	G	0.07534	0.08644	A	2.729	0.09856	0.8611
12	rs4251545	42466562	A	0.08256	0.09955	G	5.654	0.01742	0.8139
12	rs7966374	44255693	A	0.02167	0.03053	G	4.717	0.02987	0.7035
12	rs17662709	44591266	G	0.07283	0.06253	A	3.067	0.07989	1.178
12	rs1867500	44840997	A	0.3896	0.4103	G	3.05	0.08073	0.9173
12	rs11183385	44865857	A	0.2079	0.229	G	4.356	0.03688	0.884
12	rs732523	45887110	A	0.3235	0.2885	G	10.24	0.001378	1.18
12	rs214697	45912848	A	0.4561	0.4799	G	3.917	0.04779	0.9088
12	rs214672	45958172	A	0.1644	0.1812	C	3.298	0.06936	0.8891
12	rs855122	45983038	A	0.09265	0.1148	G	8.458	0.003635	0.7874
12	rs11608831	46154736	G	0.3942	0.3694	A	4.56	0.03273	1.111
12	rs7955437	46187408	A	0.2162	0.244	G	7.3	0.006897	0.8546
12	rs4760636	46459619	A	0.2265	0.2484	G	4.469	0.03452	0.8859
12	rs2240108	46466775	A	0.1558	0.1373	G	4.935	0.02631	1.16
12	rs12721364	46517697	A	0.1255	0.1457	G	5.714	0.01683	0.8416
12	rs1057908	47516302	C	0.4954	0.4621	A	7.663	0.005635	1.143
12	rs2453481	47534881	A	0.1785	0.1602	G	4.278	0.0386	1.14
12	rs11169141	48432726	A	0.0594	0.04795	G	4.835	0.02789	1.254
12	rs836968	48553602	A	0.2508	0.2694	G	3.064	0.08002	0.9076
12	rs584878	48610834	A	0.1296	0.1473	C	4.34	0.03723	0.8621

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12	rs17124176	48621895	A	0.06244	0.07848	G	6.269	0.01228	0.782
12	rs3759129	48640704	C	0.2091	0.1879	A	5.026	0.02497	1.143
12	rs7957033	49145087	G	0.06302	0.07437	A	3.276	0.0703	0.8371
12	rs17210898	49342778	A	0.04592	0.03536	G	5.472	0.01932	1.313
12	rs10876115	49581941	A	0.2487	0.2247	G	5.662	0.01734	1.143
12	rs2452795	49810200	C	0.02066	0.0346	A	10.47	0.00121	0.5886
12	rs10747611	50063902	G	0.2632	0.2457	A	2.81	0.0937	1.096
12	rs11169851	50156653	A	0.09804	0.1192	C	7.472	0.006265	0.8033
12	rs1389195	50206531	G	0.06863	0.05216	A	9.169	0.002462	1.339
12	rs1027827	50211572	A	0.2843	0.2563	G	7.044	0.007952	1.153
12	rs12424271	50301235	A	0.1303	0.1171	G	2.853	0.09123	1.129
12	rs2083600	50520429	A	0.2668	0.2473	G	3.495	0.06155	1.108
12	rs12809597	50642590	C	0.2936	0.3161	A	4.055	0.04405	0.8993
12	rs11169994	50762210	A	0.0625	0.07525	C	4.093	0.04306	0.8193
12	rs12312219	50837457	C	0.3478	0.3234	A	4.65	0.03105	1.115
12	rs12424533	50854768	A	0.2343	0.2118	G	5.177	0.02289	1.139
12	rs3741719	50995496	A	0.06863	0.05811	G	3.424	0.06425	1.194
12	rs1395342	51085568	A	0.0743	0.08604	C	3.062	0.08015	0.8527
12	rs17736550	51381788	A	0.1713	0.1871	G	2.857	0.09096	0.898
12	rs2682327	51650500	A	0.4035	0.3806	G	3.815	0.05078	1.101
12	rs11829726	51724073	A	0.05728	0.07762	G	10.24	0.001372	0.722
12	rs4759286	52366287	C	0.1646	0.1818	A	3.468	0.06258	0.8866
12	rs4759303	52571054	G	0.2855	0.3052	A	3.146	0.07611	0.9098
12	rs11611943	52854857	G	0.2007	0.1845	A	3.013	0.08262	1.11
12	rs7964528	53009051	G	0.1445	0.1201	A	9.519	0.002033	1.237
12	rs11170881	53035101	G	0.08927	0.1017	A	2.97	0.08481	0.8654
12	rs3809161	53044597	A	0.4643	0.442	G	3.461	0.06283	1.094
12	rs17725737	53176407	A	0.1558	0.1308	G	9.321	0.002265	1.226
12	rs1795845	53189575	G	0.3437	0.3657	A	3.626	0.0569	0.9081
12	rs1107740	53364019	A	0.1049	0.1208	G	4.203	0.04035	0.8521
12	rs4533076	54355498	C	0.2466	0.2661	A	3.371	0.06633	0.9028
12	rs1463591	54457160	G	0.02167	0.03017	A	4.391	0.03612	0.712
12	rs2598483	55793172	A	0.1271	0.1117	G	4.045	0.04429	1.158
12	rs10876966	55829839	A	0.2353	0.2171	G	3.347	0.06732	1.11
12	rs1006981	56856710	A	0.2521	0.2349	G	2.793	0.09467	1.097
12	rs1500023	57822596	G	0.08066	0.09418	A	3.739	0.05314	0.8439
12	rs2176198	60019180	C	0.08583	0.09845	A	3.127	0.07702	0.8598
12	rs10877805	60848541	G	0.1316	0.1473	A	3.443	0.06351	0.8769
12	rs4763185	61319463	A	0.03973	0.02932	G	6.335	0.01184	1.37
12	rs2047480	61341887	A	0.3802	0.3568	G	4.082	0.04335	1.106
12	rs10506447	61419875	A	0.1182	0.1054	G	2.962	0.08523	1.138
12	rs17098851	61752525	A	0.08438	0.07305	G	3.193	0.07394	1.169
12	rs522020	62127452	A	0.07069	0.05992	G	3.492	0.06166	1.194
12	rs10784404	63016773	A	0.3588	0.3784	G	2.812	0.09353	0.9193
12	rs11175392	63117191	G	0.2291	0.2032	A	7.085	0.007772	1.165
12	rs10878182	63187541	A	0.2231	0.2532	G	8.332	0.003895	0.847

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12	rs1466828	63790221	G	0.07859	0.06641	A	4.049	0.0442	1.199
12	rs17101044	63791366	A	0.04902	0.06609	G	8.37	0.003815	0.7283
12	rs12311233	64287380	C	0.02632	0.03599	A	4.792	0.0286	0.7239
12	rs11175858	64354403	G	0.04979	0.06176	A	4.288	0.03838	0.7961
12	rs2358831	64371444	A	0.04287	0.05813	G	7.531	0.006063	0.7258
12	rs2358944	64403825	G	0.1127	0.136	A	8.08	0.004476	0.8066
12	rs12371532	64530268	A	0.04489	0.03256	G	8.012	0.004647	1.397
12	rs10784514	64739146	G	0.3069	0.3358	A	6.454	0.01107	0.876
12	rs7955946	65199190	A	0.07637	0.09161	C	4.893	0.02697	0.8199
12	rs12312692	65200186	C	0.06192	0.07374	A	3.586	0.05827	0.8292
12	rs17779619	65337597	A	0.0861	0.07522	G	2.882	0.0896	1.158
12	rs4283063	65367426	G	0.3999	0.4255	A	4.636	0.0313	0.8997
12	rs11176385	65377817	A	0.05934	0.04453	G	8.596	0.003369	1.354
12	rs10878503	65441877	G	0.1025	0.1192	A	4.623	0.03155	0.844
12	rs905699	65704574	A	0.1463	0.1255	G	6.609	0.01015	1.193
12	rs2700568	66209482	G	0.1445	0.1304	A	3.005	0.08302	1.127
12	rs4913250	66214491	A	0.291	0.3168	G	5.32	0.02108	0.8853
12	rs10492209	66409069	C	0.3238	0.3434	A	2.94	0.08639	0.9156
12	rs11176893	66522829	C	0.1524	0.1378	A	3.051	0.08069	1.125
12	rs10748094	66721583	G	0.4654	0.488	A	3.533	0.06015	0.9133
12	rs2041862	66747964	A	0.1558	0.1715	G	3.018	0.08236	0.8914
12	rs13378013	66772231	G	0.02755	0.02134	A	3.063	0.0801	1.299
12	rs1558744	66790859	A	0.4216	0.3929	G	5.939	0.01481	1.126
12	rs1038164	66984353	G	0.02181	0.02927	A	3.456	0.06301	0.7394
12	rs1480050	67011849	G	0.2265	0.1964	A	9.738	0.001805	1.198
12	rs11177202	67077837	C	0.2399	0.2232	A	2.785	0.09517	1.099
12	rs2860493	67209117	G	0.1368	0.1557	A	4.732	0.0296	0.8592
12	rs1144943	67486012	C	0.4324	0.407	A	4.62	0.03161	1.11
12	rs1470383	67493429	G	0.1493	0.1639	A	2.715	0.09942	0.8951
12	rs7137203	67834426	A	0	0.1507	G	336.6	3.435e-75	0
12	rs3825243	68037106	A	0.03973	0.05013	G	4.002	0.04544	0.784
12	rs10878983	68112360	A	0.5052	0.4754	G	6.105	0.01348	1.126
12	rs10878988	68118736	G	0.05728	0.07765	A	10.27	0.001349	0.7216
12	rs727948	68286785	G	0.1945	0.2126	A	3.39	0.06559	0.8945
12	rs1240265	68524759	A	0.4685	0.4933	G	4.239	0.03952	0.9054
12	rs6581940	69094763	G	0.4334	0.4574	A	3.987	0.04585	0.9076
12	rs11615839	69133885	G	0.1904	0.1703	A	4.867	0.02738	1.146
12	rs7974346	69428260	G	0.3039	0.2836	A	3.475	0.06228	1.103
12	rs2203232	69513379	G	0.3163	0.2931	A	4.465	0.03461	1.116
12	rs10506627	69952819	G	0.09711	0.08559	A	2.88	0.08966	1.149
12	rs2730666	70856013	A	0.02838	0.03835	C	4.781	0.02878	0.7324
12	rs1484828	70906389	A	0.389	0.3685	G	3.096	0.0785	1.091
12	rs1826208	71299742	G	0.3201	0.2925	A	6.247	0.01244	1.139
12	rs7963448	71638697	A	0.08978	0.1042	C	3.912	0.04793	0.8477
12	rs10506690	73136473	C	0.4173	0.3977	A	2.735	0.09815	1.084
12	rs1022029	73534992	A	0.05263	0.06919	G	7.53	0.006068	0.7473

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12	rs10879954	74338673	A	0.2136	0.233	G	3.661	0.05569	0.894
12	rs1795669	74559959	A	0.08842	0.07726	G	2.964	0.08512	1.158
12	rs2886950	74639600	A	0.1152	0.1021	G	3.168	0.07509	1.145
12	rs2632214	75556760	G	0.1063	0.1264	A	6.421	0.01128	0.8219
12	rs1872821	75602921	A	0.2704	0.2356	G	11.45	0.0007164	1.202
12	rs4406865	75619832	A	0.3359	0.3008	G	10.02	0.00155	1.176
12	rs1872819	75619999	A	0.2681	0.2937	G	5.482	0.01921	0.8808
12	rs12309141	75636501	G	0.1285	0.1137	A	3.691	0.0547	1.149
12	rs10506731	76033220	G	0.06936	0.08357	A	4.614	0.03172	0.8173
12	rs2203995	76390931	G	0.4112	0.3816	A	6.393	0.01146	1.132
12	rs17044607	76878115	C	0.1249	0.1079	A	5.052	0.0246	1.179
12	rs2731412	76936289	G	0.4912	0.4631	A	5.452	0.01955	1.119
12	rs17044997	77113506	A	0.02219	0.02938	C	3.212	0.0731	0.7497
12	rs1449460	77360078	G	0.06224	0.07314	A	3.054	0.08055	0.8411
12	rs982422	77371390	A	0.189	0.2154	C	7.149	0.007501	0.8492
12	rs17273464	77984203	A	0.0387	0.029	G	5.571	0.01826	1.348
12	rs1406555	79069707	A	0.4943	0.4681	G	4.748	0.02933	1.111
12	rs3759084	79634287	C	0.03199	0.04293	A	5.161	0.02311	0.7368
12	rs1921051	80224242	G	0.5083	0.4839	A	4.087	0.04321	1.102
12	rs7138668	80990114	G	0.3292	0.3055	A	4.531	0.03329	1.115
12	rs4399388	81008270	G	0.1983	0.1805	A	3.683	0.05496	1.123
12	rs4254133	81595779	A	0.05919	0.06958	G	2.902	0.08844	0.8413
12	rs4565970	81715248	A	0.1271	0.1136	G	3.068	0.07985	1.136
12	rs1850531	81991719	G	0.4381	0.4127	A	4.591	0.03214	1.11
12	rs10437866	82664689	G	0.2472	0.2298	A	2.93	0.08696	1.101
12	rs11116502	83541309	A	0.3634	0.3412	G	3.752	0.05274	1.102
12	rs2218942	83756207	A	0.418	0.4412	G	3.787	0.05164	0.9095
12	rs735390	87899538	G	0.03302	0.04082	A	2.736	0.09811	0.8024
12	rs10858840	88186679	G	0.0811	0.09809	A	5.723	0.01674	0.8115
12	rs2220686	88224591	A	0.06973	0.08158	G	3.28	0.07013	0.8438
12	rs1689419	88318519	A	0.4349	0.4573	C	3.509	0.06105	0.913
12	rs11105583	89274681	A	0.04025	0.04975	G	3.359	0.06683	0.8011
12	rs10492347	89527027	A	0.1266	0.1403	G	2.715	0.09941	0.8878
12	rs4760442	91352386	A	0.06353	0.05305	G	3.693	0.05465	1.211
12	rs522189	91380915	A	0.1027	0.1219	C	6.058	0.01384	0.8241
12	rs11106637	91492588	G	0.1563	0.1415	A	3.119	0.07737	1.125
12	rs10859378	91663365	A	0.05986	0.04576	G	7.607	0.005814	1.328
12	rs10507017	91689067	A	0.08255	0.09449	G	2.891	0.08909	0.8623
12	rs4760381	91972190	A	0.2041	0.1855	G	3.927	0.04752	1.126
12	rs7316595	92026319	G	0.5036	0.4763	A	5.143	0.02334	1.115
12	rs7303148	92058582	G	0.02374	0.03137	A	3.393	0.06546	0.7508
12	rs10859482	92231937	A	0.2208	0.2009	G	4.187	0.04073	1.127
12	rs2131724	92718301	G	0.08237	0.06859	A	4.952	0.02606	1.219
12	rs7137355	92749724	A	0.08411	0.09777	C	3.704	0.0543	0.8474
12	rs733751	92806783	C	0.4236	0.4005	A	3.791	0.05154	1.1
12	rs989865	92962037	A	0.2203	0.24	C	3.665	0.05557	0.8951

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12	rs11107388	93011331	G	0.2766	0.2991	A	4.186	0.04077	0.896
12	rs17231818	93026715	G	0.1566	0.1413	A	3.312	0.06876	1.129
12	rs11107458	93140116	A	0.4007	0.4239	G	3.779	0.05189	0.9089
12	rs17022254	93142427	A	0.2399	0.222	G	3.166	0.07518	1.106
12	rs7957161	93189627	G	0.02993	0.02278	A	3.828	0.0504	1.323
12	rs10859888	94412553	G	0.1968	0.2145	A	3.224	0.07257	0.8973
12	rs301042	94413567	G	0.1291	0.1109	A	5.726	0.01671	1.189
12	rs7304754	94477889	G	0.1347	0.1512	A	3.714	0.05395	0.8736
12	rs11108211	94638160	A	0.05366	0.04159	G	6.127	0.01332	1.307
12	rs2660848	94964744	C	0.2005	0.2244	A	5.644	0.01752	0.867
12	rs11613355	94998219	A	0.4773	0.456	C	3.132	0.07676	1.089
12	rs12424513	95088085	G	0.08824	0.07721	A	2.904	0.08837	1.157
12	rs10437881	95310168	A	0.3257	0.3507	G	4.718	0.02985	0.8946
12	rs12369459	96307270	G	0.226	0.1985	A	8.121	0.004376	1.179
12	rs17026865	96308795	G	0.09649	0.1138	A	5.195	0.02265	0.8317
12	rs11109114	96494269	G	0.1451	0.1618	A	3.555	0.05938	0.8796
12	rs40420	96718731	G	0.4695	0.4911	A	3.236	0.07203	0.9168
12	rs6538823	96737614	G	0.3183	0.2872	A	8.082	0.00447	1.159
12	rs2122401	96856490	A	0.08927	0.1029	G	3.532	0.0602	0.8543
12	rs11109299	96889689	A	0.1465	0.1311	G	3.553	0.05944	1.138
12	rs169305	97733124	A	0.3044	0.3265	G	3.822	0.05058	0.903
12	rs12828909	97769182	G	0.2363	0.2172	A	3.661	0.05571	1.115
12	rs4762523	97818630	G	0.2678	0.2892	A	3.873	0.04907	0.8988
12	rs11109838	98340241	G	0.2797	0.2565	A	4.847	0.02769	1.126
12	rs10860438	98340573	A	0.1213	0.1348	G	2.755	0.09697	0.8854
12	rs17472445	98509045	G	0.1378	0.1532	A	3.183	0.07441	0.8834
12	rs11109949	98538145	C	0.1636	0.1861	A	5.828	0.01577	0.8554
12	rs10467010	98563287	A	0.3884	0.3657	G	3.835	0.05018	1.102
12	rs828933	99269784	A	0.1012	0.08357	G	6.885	0.008694	1.235
12	rs7311096	99300087	A	0.4814	0.4554	G	4.69	0.03034	1.11
12	rs1045603	99542292	A	0.1109	0.09803	G	3.211	0.07313	1.148
12	rs2671434	100099783	A	0.07895	0.06755	G	3.499	0.0614	1.183
12	rs12581964	100900617	A	0.03973	0.03246	G	2.841	0.09186	1.233
12	rs12809665	100926795	G	0.03206	0.0252	A	3.207	0.07333	1.281
12	rs10860901	101598058	G	0.02786	0.03555	A	3.043	0.08108	0.7776
12	rs7977571	101640921	C	0.1462	0.1669	A	5.371	0.02047	0.8547
12	rs12309612	101641804	A	0.3018	0.2752	G	6.063	0.0138	1.138
12	rs1404288	101675148	A	0.09598	0.1144	G	5.878	0.01533	0.8218
12	rs7308417	101697440	A	0.05217	0.04391	G	2.748	0.09738	1.199
12	rs7955991	101849374	G	0.08264	0.09456	A	2.893	0.08897	0.8627
12	rs9782	101875956	G	0.3591	0.322	A	10.81	0.001012	1.18
12	rs17548007	101899544	A	0.1104	0.09752	C	3.182	0.07447	1.148
12	rs7956770	102390627	A	0.1434	0.1674	C	7.174	0.007397	0.8331
12	rs7310585	102627186	G	0.1584	0.1402	A	4.684	0.03045	1.154
12	rs17505525	102654977	G	0.1675	0.152	A	3.194	0.07392	1.123
12	rs4964571	102751403	A	0.1786	0.1572	G	5.854	0.01554	1.165

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12	rs3794240	102853671	A	0.2114	0.2308	C	3.686	0.05488	0.8932
12	rs11610993	103283461	G	0.05521	0.04659	A	2.829	0.09257	1.196
12	rs7310931	103326809	C	0.3954	0.4186	A	3.799	0.05128	0.9085
12	rs7958327	103369862	A	0.1765	0.1925	G	2.864	0.09057	0.899
12	rs7976582	103372357	G	0.4174	0.3931	A	4.238	0.03952	1.106
12	rs17035655	103410514	A	0.1521	0.1713	G	4.481	0.03428	0.8681
12	rs17812685	103468941	G	0.09524	0.1129	A	5.468	0.01936	0.8267
12	rs1529423	103514599	C	0.2536	0.2754	A	4.095	0.043	0.894
12	rs11613724	103536764	A	0.04334	0.03498	G	3.489	0.06179	1.25
12	rs10861259	103548820	A	0.3493	0.3805	G	7.144	0.00752	0.874
12	rs312141	103616343	G	0.3533	0.3342	A	2.812	0.09357	1.088
12	rs10861271	103624010	G	0.2332	0.2166	A	2.801	0.09423	1.1
12	rs11112308	103935598	A	0.03564	0.0277	G	3.915	0.04785	1.297
12	rs3863380	104627518	A	0.2028	0.1854	G	3.442	0.06357	1.118
12	rs2374541	104675070	G	0.3433	0.3705	A	5.482	0.01921	0.8882
12	rs1345546	104826063	A	0.1126	0.1334	G	6.55	0.01049	0.8243
12	rs7971470	104858530	A	0.1467	0.1682	G	5.759	0.0164	0.8502
12	rs2544118	104888207	A	0.5052	0.4731	C	7.111	0.00766	1.137
12	rs11112903	105142247	G	0.1373	0.1527	A	3.217	0.07289	0.8827
12	rs1215748	105179322	G	0.3306	0.3098	A	3.473	0.06239	1.1
12	rs6539274	105439078	A	0.1481	0.1635	C	3.022	0.08212	0.8893
12	rs10861631	105483417	G	0.3216	0.3032	A	2.758	0.09679	1.09
12	rs7965715	106541803	A	0.1027	0.08532	G	6.53	0.01061	1.227
12	rs2160591	106661655	A	0.22	0.1988	G	4.82	0.02812	1.137
12	rs1895949	106800029	A	0.04033	0.05298	G	5.628	0.01768	0.7513
12	rs1878022	107223162	G	0.3238	0.3454	A	3.545	0.05972	0.9077
12	rs4964246	107226690	G	0.3251	0.3057	A	3.045	0.08099	1.094
12	rs11114036	107629630	A	0.0439	0.03466	G	4.287	0.03841	1.279
12	rs12579920	107798928	A	0.03354	0.04618	G	6.44	0.01116	0.7168
12	rs3918347	107817449	G	0.2585	0.278	A	3.288	0.0698	0.9054
12	rs7980554	107854325	C	0.0903	0.1054	A	4.228	0.03976	0.8426
12	rs2075263	108188708	G	0.2002	0.1824	A	3.623	0.057	1.122
12	rs7960944	108561321	A	0.4262	0.394	G	7.478	0.006246	1.143
12	rs7977614	108599669	G	0.2614	0.2817	A	3.543	0.05981	0.9022
12	rs10850634	108654411	A	0.4157	0.4387	G	3.683	0.05496	0.9105
12	rs7956133	109407312	A	0.04541	0.0325	C	8.769	0.003063	1.416
12	rs2879525	109720104	A	0.0934	0.08143	G	3.252	0.07134	1.162
12	rs11611847	111132155	G	0.08978	0.06675	A	14.19	0.0001651	1.379
12	rs11611074	111670403	A	0.1073	0.0942	G	3.438	0.06372	1.156
12	rs2384068	111757914	A	0.233	0.265	G	9.153	0.002483	0.8425
12	rs12177	111819808	A	0.467	0.4909	G	3.954	0.04675	0.9085
12	rs3803057	111853117	A	0.04334	0.05323	G	3.412	0.06471	0.8058
12	rs1635135	111939279	G	0.2161	0.2331	A	2.795	0.09453	0.907
12	rs10774689	112236473	A	0.3658	0.3896	G	4.109	0.04266	0.9038
12	rs7963614	112569335	A	0.1927	0.1703	G	6.025	0.0141	1.163
12	rs11066664	112581353	A	0.2723	0.2542	G	2.974	0.08463	1.098

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12	rs163118	112656547	A	0.04141	0.05299	C	4.706	0.03006	0.772
12	rs2059598	112745620	C	0.2064	0.2234	A	2.904	0.08834	0.9039
12	rs1882115	113186482	C	0.178	0.1946	A	3.041	0.0812	0.8965
12	rs513061	113589060	G	0.178	0.155	A	6.91	0.008572	1.181
12	rs7314370	113651645	A	0.1171	0.09697	G	7.85	0.005083	1.236
12	rs2287568	113950649	A	0.157	0.1387	G	4.785	0.02872	1.157
12	rs10850508	114336966	A	0.2049	0.1817	G	6.141	0.01321	1.16
12	rs10161338	114349686	G	0.1188	0.1322	A	2.73	0.09847	0.8848
12	rs1006489	114439205	G	0.08833	0.1021	A	3.626	0.05687	0.8518
12	rs17719439	114696246	A	0.03302	0.04274	G	4.08	0.04338	0.7649
12	rs2681457	114746035	A	0.1291	0.1453	G	3.67	0.0554	0.8722
12	rs7967915	114798098	G	0.1378	0.1584	A	5.569	0.01828	0.849
12	rs10774867	115450583	A	0.3605	0.3275	G	8.482	0.003587	1.158
12	rs4767424	115540852	A	0.08359	0.07037	G	4.498	0.03394	1.205
12	rs7307249	115562232	G	0.3679	0.3463	A	3.522	0.06056	1.099
12	rs1874437	115562825	A	0.2064	0.2238	G	3.031	0.08168	0.9019
12	rs1532395	115670699	A	0.1913	0.1757	G	2.885	0.0894	1.11
12	rs4766834	116124928	A	0.4617	0.4921	C	6.36	0.01167	0.8853
12	rs10850887	116626310	A	0.112	0.09926	C	3.078	0.07934	1.144
12	rs12823440	116677979	G	0.1748	0.1572	A	3.976	0.04614	1.136
12	rs2570558	116770634	G	0.3171	0.2979	A	3.041	0.08119	1.095
12	rs11608329	116810787	A	0.2913	0.3103	G	2.909	0.08811	0.9137
12	rs1806599	116883546	A	0.1946	0.2153	G	4.407	0.0358	0.8805
12	rs7299095	117380687	A	0.5108	0.4878	G	3.667	0.0555	1.097
12	rs11612089	118041732	C	0.05088	0.06381	A	4.902	0.02682	0.7865
12	rs4767784	118043337	A	0.2466	0.2716	G	5.441	0.01967	0.8782
12	rs10774486	118044883	G	0.3162	0.2915	A	5.036	0.02483	1.124
12	rs2727675	118169212	G	0.4431	0.4128	A	6.501	0.01078	1.132
12	rs2519540	118401283	G	0.1662	0.1518	A	2.734	0.09824	1.113
12	rs2711746	118485717	A	0.2521	0.2721	G	3.509	0.06103	0.9016
12	rs804459	118492476	A	0.1925	0.1749	C	3.679	0.0551	1.125
12	rs3742049	119438873	A	0.1259	0.1101	G	4.358	0.03683	1.165
12	rs7979163	120306037	A	0.03096	0.0215	G	7.011	0.008102	1.454
12	rs1060105	122372172	A	0.2234	0.2072	G	2.738	0.09801	1.101
12	rs7315108	122904020	A	0.07386	0.06225	G	3.906	0.04812	1.201
12	rs7953329	123429552	A	0.1663	0.1833	G	3.343	0.06751	0.8889
12	rs2342923	123510387	A	0.1471	0.1621	G	2.915	0.08777	0.8909
12	rs870844	123549878	G	0.1091	0.1241	A	3.596	0.05793	0.8645
12	rs7304356	123564133	C	0.1801	0.161	A	4.579	0.03237	1.144
12	rs837493	123641613	G	0.4845	0.456	A	5.642	0.01754	1.121
12	rs12427062	124033111	A	0.3638	0.3441	G	2.938	0.08652	1.09
12	rs11058091	124283214	C	0.05596	0.04616	A	3.67	0.0554	1.225
12	rs11058214	124560018	G	0.1188	0.1422	A	7.869	0.00503	0.8131
12	rs10846915	124605386	G	0.3261	0.3459	A	2.985	0.08403	0.9152
12	rs6489016	124862044	A	0.4762	0.454	C	3.42	0.06442	1.093
12	rs2215307	125310620	C	0.1689	0.1881	A	4.21	0.04019	0.877

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12	rs1154663	126075474	G	0.4985	0.47	A	5.613	0.01783	1.121
12	rs11059024	126279003	A	0.2358	0.2551	G	3.405	0.06499	0.9009
12	rs2174413	126431129	G	0.08419	0.1066	A	9.277	0.002321	0.7705
12	rs1910780	126441395	G	0.2781	0.2982	A	3.304	0.06912	0.9068
12	rs345659	126606455	G	0.07291	0.09292	A	8.359	0.003839	0.7677
12	rs1021831	126707469	A	0.25	0.2268	G	5.23	0.0222	1.136
12	rs11836873	126769816	G	0.1445	0.1595	A	2.945	0.08612	0.8896
12	rs10847469	126905501	A	0.2104	0.2293	G	3.483	0.06198	0.8959
12	rs10773459	127032257	A	0.2534	0.2716	G	2.905	0.08831	0.9101
12	rs10744349	127078188	A	0.4211	0.4522	G	6.748	0.009388	0.8812
12	rs1970900	127083260	G	0.1237	0.1376	A	2.81	0.09369	0.8851
12	rs9971754	127099173	A	0.1038	0.08184	G	10.8	0.001016	1.3
12	rs3924901	127100085	A	0.2531	0.272	C	3.091	0.07871	0.9071
12	rs10847508	127116927	G	0.1247	0.1103	A	3.601	0.05775	1.149
12	rs1193363	127372572	G	0.2179	0.1926	A	7.027	0.008028	1.168
12	rs11059688	127479857	A	0.1367	0.1534	G	3.739	0.05315	0.8739
12	rs4882768	127564588	A	0.02694	0.02093	G	2.947	0.08604	1.295
12	rs1379782	127624822	A	0.1551	0.1395	G	3.454	0.06309	1.132
12	rs4882789	127628211	G	0.1369	0.1551	A	4.359	0.03682	0.8645
12	rs10847674	127783966	A	0.1529	0.1328	G	5.973	0.01453	1.179
12	rs12423526	127817303	A	0.1883	0.1698	G	4.164	0.04129	1.134
12	rs11059925	127859741	C	0.09917	0.08247	A	6.226	0.01259	1.225
12	rs1385374	127866647	A	0.09391	0.1068	G	3.037	0.08139	0.8669
12	rs646464	128028131	A	0.1956	0.2296	G	11.4	0.0007342	0.8159
12	rs7309341	128073663	A	0.1218	0.1086	G	3.04	0.08125	1.138
12	rs523317	128078815	C	0.2423	0.2642	A	4.279	0.03858	0.8905
12	rs10847746	128098945	A	0.5279	0.493	G	8.369	0.003816	1.15
12	rs588649	128104132	G	0.03715	0.04801	A	4.558	0.03276	0.7651
12	rs10847800	128265108	G	0.4669	0.4885	A	3.221	0.07272	0.917
12	rs10773626	128308277	A	0.2621	0.289	C	6.095	0.01356	0.874
12	rs11060378	128546841	A	0.05062	0.06003	G	2.748	0.09735	0.8349
12	rs11060438	128609125	A	0.109	0.09621	G	3.195	0.07386	1.149
12	rs155688	128625105	C	0.1047	0.1239	A	5.9	0.01514	0.8275
12	rs7306272	128653849	A	0.07327	0.05768	G	7.505	0.006152	1.292
12	rs10773692	128710689	A	0.195	0.2203	G	6.451	0.01109	0.8577
12	rs264499	128723229	G	0.4515	0.4296	A	3.368	0.06645	1.093
12	rs7300642	129061093	A	0.1311	0.145	G	2.742	0.09776	0.8891
12	rs2055347	129228698	A	0.07688	0.08985	G	3.599	0.0578	0.8437
12	rs428715	129301997	G	0.1816	0.1665	A	2.833	0.09234	1.111
12	rs7132917	129432804	A	0.05057	0.04103	G	3.898	0.04834	1.245
12	rs874619	129498705	A	0.1362	0.1509	G	2.94	0.08642	0.8872
12	rs1211610	130173007	C	0.08213	0.0671	A	6.078	0.01369	1.244
12	rs11061417	130314013	A	0.1801	0.1585	G	5.963	0.01461	1.166
12	rs2280701	130508849	G	0.04283	0.03149	A	7.001	0.008149	1.376
12	rs11061546	130509165	A	0.1887	0.1727	G	3.074	0.07958	1.114
12	rs7294672	130667902	A	0.1519	0.1782	G	8.274	0.004022	0.8257

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12	rs6598217	130671937	A	0.1336	0.1528	G	4.962	0.0259	0.8551
12	rs6598186	131043233	G	0.1205	0.103	A	5.591	0.01805	1.193
12	rs7484687	131269754	G	0.3961	0.4191	A	3.756	0.05261	0.909
12	rs11146946	131530313	A	0.3354	0.3161	G	2.961	0.08528	1.092
12	rs10781628	131542948	G	0.4054	0.4252	A	2.751	0.09721	0.9217
12	rs5744773	131760623	A	0.1391	0.1221	G	4.567	0.03259	1.161
12	rs7136989	131855324	A	0.07851	0.06429	G	5.665	0.01731	1.24
12	rs1043124	131856244	A	0.05475	0.07256	G	8.334	0.003892	0.7403
12	rs2291256	131903396	A	0.07637	0.08811	G	3	0.08325	0.8557
12	rs11147249	132218802	G	0.09265	0.1099	A	5.295	0.02139	0.8273
13	rs479287	18642884	G	0.03509	0.04543	A	4.356	0.03688	0.7641
13	rs1889970	18886302	G	0.02996	0.03887	A	3.753	0.05272	0.7637
13	rs9552026	19340879	A	0.1916	0.2089	G	3.123	0.07719	0.8978
13	rs2313626	19586150	G	0.2303	0.2511	A	3.964	0.04649	0.8926
13	rs1886176	19613801	A	0.2464	0.2663	C	3.511	0.06096	0.9009
13	rs9552089	19616347	G	0.3013	0.2804	A	3.732	0.05339	1.107
13	rs7984378	19632420	G	0.4383	0.4604	A	3.381	0.06596	0.9146
13	rs2313475	19648776	G	0.2856	0.2655	A	3.568	0.0589	1.106
13	rs6490550	19813242	G	0.09546	0.1087	A	3.16	0.07547	0.8653
13	rs7327952	19830983	A	0.4365	0.4613	G	4.252	0.0392	0.9048
13	rs9506487	19896937	A	0.1713	0.1974	G	7.511	0.006131	0.8404
13	rs7331852	19919228	A	0.1868	0.219	G	10.59	0.001137	0.8191
13	rs2152244	20711257	A	0.4263	0.4002	G	4.848	0.02767	1.114
13	rs7336525	20816844	G	0.2965	0.3272	A	7.307	0.006869	0.8669
13	rs9634328	21136546	C	0.3498	0.3281	A	3.675	0.05522	1.102
13	rs9552514	21310095	A	0.1896	0.208	G	3.567	0.05893	0.8908
13	rs9510005	21613500	G	0.4985	0.4733	A	4.37	0.03658	1.106
13	rs9580312	21652093	G	0.1434	0.1594	A	3.319	0.06847	0.8829
13	rs1323702	21701343	A	0.289	0.27	G	3.158	0.07557	1.099
13	rs9510352	22284015	A	0.05676	0.048	C	2.845	0.09168	1.194
13	rs1887263	22381716	A	0.1909	0.1732	G	3.741	0.05308	1.126
13	rs769383	22602985	A	0.1472	0.1625	G	2.982	0.08419	0.8897
13	rs9507041	22642379	A	0.1209	0.1079	G	2.983	0.08416	1.137
13	rs597425	22649313	G	0.04489	0.05461	A	3.218	0.07282	0.8136
13	rs11618407	22798386	G	0.09143	0.1063	A	4.049	0.04419	0.8463
13	rs12100143	22942943	G	0.07704	0.08862	A	2.894	0.08891	0.8585
13	rs4770467	23081145	A	0.2611	0.2249	G	12.77	0.0003513	1.218
13	rs12876596	23419485	A	0.374	0.3235	G	19.84	8.425e-06	1.249
13	rs2765160	23467491	A	0.4236	0.4015	C	3.505	0.06118	1.096
13	rs882554	23483843	A	0.3282	0.3095	G	2.804	0.09405	1.09
13	rs6490867	23554303	A	0.1201	0.1069	G	3.103	0.07814	1.14
13	rs17354429	23592347	G	0.1213	0.1063	A	4.001	0.04549	1.16
13	rs7337393	23643411	A	0.3256	0.3063	G	3.016	0.08243	1.093
13	rs11149160	24108287	A	0.0999	0.08716	G	3.46	0.06288	1.162
13	rs3803220	24139628	C	0.2705	0.2455	A	5.749	0.01649	1.14
13	rs7317115	24201255	G	0.2655	0.2922	A	5.966	0.01459	0.8756

GNE_0369PR_TableS1									
13	rs2497591	24460488	G	0.1373	0.1228	A	3.331	0.06798	1.137
13	rs9511659	24613574	A	0.1739	0.1915	G	3.482	0.06203	0.8887
13	rs9581282	24622658	A	0.4602	0.4284	G	7.12	0.007623	1.138
13	rs9634423	25208566	A	0.4488	0.4816	G	7.418	0.006456	0.8764
13	rs593922	25417541	G	0.3467	0.3692	A	3.744	0.053	0.9069
13	rs1886490	25494562	G	0.1054	0.1234	A	5.156	0.02316	0.8374
13	rs1048787	25497725	G	0.3261	0.3514	A	4.864	0.02742	0.8931
13	rs9507663	25584546	A	0.418	0.3967	G	3.261	0.07095	1.092
13	rs530991	25961586	A	0.3785	0.3565	G	3.602	0.05769	1.099
13	rs2420348	25975171	A	0.1389	0.16	G	5.747	0.01651	0.8472
13	rs9512407	26292850	G	0.1471	0.1618	A	2.774	0.09582	0.8934
13	rs9581808	26515187	G	0.2438	0.2681	A	5.204	0.02254	0.8803
13	rs9512519	26522181	G	0.07843	0.06392	A	5.932	0.01487	1.246
13	rs1537432	26841696	A	0.07379	0.06359	G	2.965	0.08508	1.173
13	rs881084	27244649	A	0.1668	0.1515	G	3.132	0.07679	1.122
13	rs2996450	27348418	A	0.2994	0.3218	G	3.969	0.04635	0.9007
13	rs2504240	27464951	A	0.1986	0.2159	G	3.098	0.07839	0.8995
13	rs17086212	27482648	G	0.2657	0.2837	A	2.736	0.0981	0.914
13	rs1320534	27539534	G	0.2399	0.2034	A	14.05	0.0001784	1.237
13	rs1830792	27771907	G	0.1605	0.181	A	4.936	0.0263	0.8651
13	rs10507387	28048318	G	0.1069	0.09405	A	3.302	0.06919	1.153
13	rs12868410	28749666	G	0.1148	0.09952	A	4.416	0.0356	1.173
13	rs4769711	28771521	G	0.4623	0.4855	A	3.707	0.0542	0.9113
13	rs12583192	29646122	G	0.07688	0.06461	A	4.221	0.03992	1.206
13	rs2892537	29660884	G	0.3994	0.3796	A	2.857	0.09097	1.087
13	rs713280	29746943	A	0.2673	0.2446	G	4.756	0.0292	1.126
13	rs202091	29775359	G	0.2714	0.2948	A	4.576	0.03242	0.891
13	rs11616517	29861468	A	0.02683	0.03447	G	3.094	0.0786	0.7724
13	rs2039157	29873286	A	0.3387	0.3118	G	5.781	0.0162	1.131
13	rs1412125	29939595	A	0.467	0.4875	G	2.898	0.08869	0.9212
13	rs9551925	29954768	C	0.2601	0.2863	A	5.855	0.01554	0.8761
13	rs9508798	30029436	C	0.08978	0.1021	A	2.911	0.08796	0.867
13	rs17074767	30071312	A	0.08411	0.09957	G	4.67	0.03069	0.8305
13	rs17681922	30077917	G	0.07231	0.06009	A	4.466	0.03457	1.219
13	rs3742302	30131063	A	0.3811	0.41	G	5.986	0.01442	0.8859
13	rs12018491	30424485	G	0.04954	0.03986	A	4.117	0.04245	1.255
13	rs12430079	30452847	G	0.3067	0.3356	A	6.464	0.01101	0.8758
13	rs2007622	30642734	A	0.1914	0.2287	G	13.74	0.0002098	0.7986
13	rs9529933	30734233	A	0.4457	0.416	G	6.227	0.01258	1.129
13	rs7997603	30847809	A	0.07335	0.06174	G	3.93	0.04744	1.203
13	rs9547617	30895945	A	0.1084	0.09024	G	6.766	0.00929	1.225
13	rs7998013	31069381	G	0.05986	0.07104	A	3.322	0.06834	0.8326
13	rs733258	31554200	G	0.1989	0.1784	A	4.891	0.027	1.143
13	rs3752447	31879142	A	0.1679	0.1858	G	3.695	0.05456	0.884
13	rs206319	31884219	G	0.3596	0.3367	A	4.037	0.04452	1.106
13	rs990324	32285246	G	0.08566	0.09824	A	3.126	0.07705	0.8599

GNE_0369PR_TableS1									
13	rs426049	32451508	A	0.3881	0.4133	G	4.477	0.03436	0.9005
13	rs573013	32455255	A	0.1104	0.128	G	4.827	0.02802	0.8458
13	rs2296393	32639928	A	0.06089	0.04952	G	4.623	0.03154	1.244
13	rs797191	32674390	G	0.3762	0.3983	A	3.543	0.05981	0.9108
13	rs525633	32855317	A	0.4065	0.4263	C	2.754	0.097	0.9219
13	rs7334982	32871109	C	0.08808	0.1014	A	3.407	0.06492	0.8556
13	rs1329344	32996232	C	0.3702	0.3934	A	3.863	0.04937	0.9065
13	rs913692	34019119	G	0.3148	0.2933	A	3.83	0.05034	1.107
13	rs9529585	34186704	A	0.1637	0.1287	G	18.43	1.761e-05	1.326
13	rs9529615	34205066	A	0.406	0.3719	C	8.534	0.003485	1.154
13	rs9599736	34326079	A	0.3511	0.3706	G	2.82	0.09307	0.9188
13	rs17052345	35014199	G	0.06966	0.08774	A	7.197	0.007301	0.7785
13	rs1777670	35052966	A	0.1446	0.1662	G	5.831	0.01575	0.8481
13	rs17769531	35127300	G	0.05728	0.06757	A	2.946	0.08611	0.8384
13	rs9545074	35171871	A	0.3192	0.3382	G	2.793	0.09465	0.9174
13	rs4943343	35315436	A	0.05728	0.07029	G	4.559	0.03274	0.8036
13	rs9315432	36034909	G	0.4701	0.4326	A	9.826	0.001721	1.163
13	rs1590377	36834675	A	0.1265	0.1408	G	2.911	0.08796	0.8843
13	rs17261242	37159980	A	0.1166	0.1352	G	5.158	0.02314	0.8445
13	rs9594293	38268595	A	0.1899	0.1741	G	2.947	0.08602	1.112
13	rs9566460	39047810	A	0.06605	0.07811	G	3.54	0.05992	0.8347
13	rs2324460	39360196	G	0.2464	0.2643	A	2.869	0.09027	0.9099
13	rs9603644	39365677	A	0.03612	0.05133	G	8.457	0.003636	0.6926
13	rs8001456	39381874	A	0.0805	0.09574	G	4.704	0.03009	0.8269
13	rs12019505	39396828	A	0.3036	0.3228	G	2.906	0.08824	0.9143
13	rs9603697	39681323	A	0.2967	0.32	G	4.323	0.0376	0.8965
13	rs10492682	39723707	A	0.2386	0.2616	G	4.754	0.02924	0.8842
13	rs4943773	39843315	C	0.1527	0.1373	A	3.416	0.06459	1.132
13	rs1111693	39925503	C	0.3543	0.3328	A	3.594	0.05799	1.1
13	rs12583976	39935905	A	0.1841	0.1675	G	3.358	0.06689	1.121
13	rs2721051	40008884	A	0.09317	0.107	G	3.481	0.06207	0.8576
13	rs3794328	40718902	G	0.343	0.3647	A	3.536	0.06005	0.9092
13	rs9562311	40969866	A	0.09411	0.0785	G	5.677	0.01719	1.219
13	rs7323848	40977965	A	0.03516	0.04578	G	4.56	0.03273	0.7595
13	rs9532871	40998340	G	0.03015	0.03906	A	3.717	0.05385	0.7647
13	rs347413	41685040	A	0.1105	0.1255	G	3.575	0.05867	0.8656
13	rs9533040	41694721	G	0.1358	0.1222	A	2.94	0.08643	1.129
13	rs7981175	42327250	A	0.2323	0.2147	G	3.121	0.07731	1.107
13	rs9567111	42591919	C	0.2374	0.2141	A	5.515	0.01885	1.143
13	rs2657099	42625388	A	0.05108	0.04172	G	3.697	0.05451	1.237
13	rs9567132	42680144	G	0.1665	0.1517	A	2.889	0.08918	1.117
13	rs9533469	42855158	A	0.05212	0.04305	G	3.368	0.06647	1.222
13	rs9533608	43227066	A	0.2982	0.321	C	4.115	0.04252	0.899
13	rs4391951	43653071	G	0.1656	0.1489	A	3.754	0.05269	1.134
13	rs7999606	43992001	G	0.3777	0.399	A	3.262	0.0709	0.9143
13	rs2760380	44197080	A	0.1737	0.1529	G	5.719	0.01678	1.165

GNE_0369PR_Table1									
13	rs9590859	44300810	A	0.04855	0.04052	C	2.806	0.09392	1.208
13	rs7332117	44322278	A	0.1489	0.1344	G	3.072	0.07965	1.127
13	rs7993610	44586356	A	0.09185	0.1053	G	3.358	0.0669	0.8593
13	rs7318876	45077228	A	0.1219	0.1048	G	5.293	0.02142	1.186
13	rs4942434	45251787	A	0.1374	0.1588	G	5.961	0.01462	0.844
13	rs17601960	45648882	G	0.06914	0.08041	A	3.002	0.08314	0.8495
13	rs912124	46225161	A	0.2918	0.2737	G	2.853	0.09122	1.094
13	rs2026691	46423410	G	0.4212	0.3929	A	5.74	0.01659	1.124
13	rs11148024	46530279	G	0.04489	0.03508	A	4.763	0.02908	1.293
13	rs7322927	46552894	A	0.1913	0.1759	G	2.798	0.09439	1.108
13	rs1431768	46567351	A	0.3178	0.3416	G	4.365	0.03668	0.8977
13	rs7332165	46580804	C	0.06553	0.05436	A	4.101	0.04286	1.22
13	rs9526290	46706233	G	0.1486	0.1658	A	3.729	0.05348	0.8781
13	rs17070285	47017961	A	0.09959	0.1131	G	3.18	0.07454	0.8672
13	rs943238	47027534	G	0.3967	0.4177	A	3.137	0.07655	0.9166
13	rs1886439	47274576	G	0.04715	0.05837	A	4.019	0.04498	0.7982
13	rs9526457	47624771	G	0.308	0.3289	A	3.405	0.06501	0.9085
13	rs4143042	48391649	G	0.3065	0.2745	A	8.705	0.003173	1.168
13	rs9316430	48674081	G	0.05733	0.0443	A	6.707	0.009602	1.312
13	rs9568196	48881056	C	0.2847	0.2666	A	2.863	0.09063	1.095
13	rs2407705	49293859	C	0.1264	0.1411	A	3.114	0.07761	0.8806
13	rs4942879	49314940	G	0.3839	0.3529	A	7.226	0.007186	1.143
13	rs1149830	49958653	G	0.3099	0.3286	A	2.75	0.09727	0.9174
13	rs201748	49989391	A	0.07824	0.08996	G	2.923	0.08734	0.8586
13	rs2441	50412832	A	0.3142	0.296	G	2.747	0.09746	1.09
13	rs2025944	50487102	A	0.1522	0.1375	G	3.099	0.07833	1.126
13	rs3803200	50556357	A	0.2518	0.23	G	4.613	0.03172	1.127
13	rs9535585	50624416	A	0.09546	0.1094	G	3.478	0.06218	0.8592
13	rs2094278	50626208	A	0.3086	0.3374	G	6.467	0.01099	0.8762
13	rs2408296	50637169	A	0.2518	0.2713	G	3.323	0.06831	0.9041
13	rs6561621	50680975	G	0.4076	0.3849	A	3.711	0.05405	1.099
13	rs17194872	50742430	A	0.09185	0.1041	G	2.813	0.09349	0.8703
13	rs7332922	51032426	A	0.0749	0.06377	G	3.51	0.06101	1.189
13	rs1324997	52282657	G	0.08273	0.09429	A	2.726	0.09872	0.8664
13	rs2298229	52500971	G	0.2497	0.2248	A	6.093	0.01357	1.148
13	rs876642	52918261	A	0.1126	0.1005	G	2.739	0.09795	1.135
13	rs7338355	53186310	A	0.08308	0.06947	C	4.847	0.02769	1.214
13	rs9316701	53568235	G	0.07276	0.08909	A	5.777	0.01624	0.8023
13	rs54939	54450707	C	0.1713	0.1921	A	4.814	0.02823	0.8697
13	rs3850080	56302846	G	0.06483	0.0552	A	3.001	0.08321	1.187
13	rs9563516	57037900	A	0.1749	0.1905	C	2.737	0.09808	0.9008
13	rs1413120	58241967	C	0.1055	0.09356	A	2.85	0.09135	1.142
13	rs6562004	58517819	A	0.128	0.1428	G	3.114	0.07764	0.8812
13	rs9538386	58794051	G	0.1579	0.1776	A	4.633	0.03136	0.8682
13	rs7326215	58863282	G	0.1058	0.1201	A	3.402	0.0651	0.8664
13	rs7996337	58895681	G	0.1188	0.1385	A	5.679	0.01717	0.8386

GNE_0369PR_TableS1									
13	rs1686668	58959211	G	0.2293	0.2475	A	3.074	0.07954	0.9046
13	rs831223	59014105	A	0.04489	0.05921	G	6.511	0.01072	0.7468
13	rs12430069	59745163	G	0.09907	0.0842	A	4.858	0.02753	1.196
13	rs2487783	59745319	G	0.1055	0.1226	A	4.744	0.02941	0.8441
13	rs17788814	59753318	A	0.1269	0.1029	G	10.58	0.001146	1.268
13	rs1390156	59863483	G	0.2466	0.2746	A	6.794	0.009144	0.8651
13	rs9538872	60163616	G	0.3285	0.351	A	3.843	0.04996	0.9045
13	rs10507657	60206691	G	0.1741	0.1952	A	4.903	0.02681	0.8693
13	rs9317140	60295362	G	0.1416	0.1273	A	3.107	0.07797	1.13
13	rs17254669	60857084	A	0.1389	0.1554	G	3.576	0.0586	0.8772
13	rs7994561	61025125	A	0.05372	0.04316	G	4.535	0.03322	1.258
13	rs17070259	61110001	C	0.04033	0.05029	A	3.649	0.05611	0.7937
13	rs4128722	61456597	G	0.1796	0.1958	A	2.916	0.08773	0.8988
13	rs9598428	61669852	A	0.0296	0.02312	G	3.094	0.07856	1.289
13	rs2587602	63100643	G	0.4768	0.4967	A	2.747	0.09744	0.9232
13	rs17079946	63463006	A	0.02947	0.02265	G	3.512	0.06091	1.311
13	rs359357	64130025	A	0.4633	0.4962	G	7.475	0.006258	0.8764
13	rs1398604	64150843	A	0.03942	0.03115	G	3.779	0.05191	1.276
13	rs9598990	65001632	A	0.08308	0.07177	C	3.256	0.07118	1.172
13	rs12876796	65226477	G	0.4221	0.4449	A	3.653	0.05598	0.9111
13	rs17077335	65254943	G	0.03734	0.0498	A	5.777	0.01624	0.7402
13	rs9528981	65325215	A	0.08973	0.06987	G	10.13	0.00146	1.312
13	rs17501421	65817914	A	0.0563	0.06677	G	3.08	0.07926	0.8339
13	rs17583414	65996856	A	0.06295	0.05245	G	3.75	0.05281	1.214
13	rs10492592	66385683	C	0.2265	0.2069	A	4.003	0.04541	1.122
13	rs4614602	66734404	A	0.226	0.2092	G	2.892	0.08902	1.103
13	rs9541068	66777694	A	0.07895	0.06156	G	8.773	0.003057	1.307
13	rs7984841	67370015	G	0.443	0.4686	A	4.513	0.03365	0.9021
13	rs2325108	67635871	A	0.1982	0.1783	G	4.636	0.0313	1.14
13	rs12585969	68529126	G	0.05785	0.04868	A	3.07	0.07975	1.2
13	rs12429777	68649090	G	0.1254	0.1504	A	8.549	0.003458	0.8098
13	rs9317913	69751644	A	0.1987	0.1828	C	2.865	0.09053	1.108
13	rs17605801	69947964	G	0.07955	0.0916	A	3.051	0.08067	0.857
13	rs337970	70180763	C	0.2125	0.2292	A	2.707	0.09988	0.9076
13	rs599909	70197291	G	0.1656	0.1491	A	3.688	0.05479	1.133
13	rs12873982	70207669	A	0.07895	0.1026	G	10.69	0.001078	0.7501
13	rs4884901	70213220	A	0.3716	0.3473	G	4.482	0.03426	1.112
13	rs9542541	70411717	A	0.05624	0.04702	G	3.208	0.07327	1.208
13	rs11619301	71112463	G	0.06089	0.04986	A	4.328	0.03748	1.236
13	rs7993403	71171373	G	0.1699	0.1387	A	13.77	0.000207	1.271
13	rs339767	71644332	G	0.02428	0.03268	A	3.962	0.04653	0.7364
13	rs17089105	71727634	G	0.02174	0.02933	A	3.583	0.05836	0.7354
13	rs9542987	71983014	A	0.2632	0.2855	G	4.226	0.03981	0.894
13	rs12866475	72001650	G	0.2853	0.2532	A	9.313	0.002276	1.177
13	rs4885005	72002057	A	0.2606	0.2802	G	3.3	0.06926	0.9054
13	rs9543280	72700672	G	0.1176	0.133	A	3.564	0.05903	0.8692

GNE_0369PR_TableS1									
13	rs6562747	72706901	G	0.06353	0.07467	A	3.143	0.07626	0.8407
13	rs1330074	72723335	A	0.04902	0.06208	G	5.165	0.02305	0.7788
13	rs4885098	72865928	A	0.4158	0.4418	G	4.736	0.02953	0.8992
13	rs11839075	73225287	A	0.1009	0.08658	G	4.404	0.03586	1.184
13	rs7999645	73357396	G	0.08729	0.07587	A	3.16	0.07548	1.165
13	rs9318227	73398971	A	0.1548	0.1349	G	5.771	0.01629	1.174
13	rs9318282	73980589	G	0.2601	0.28	A	3.403	0.06507	0.904
13	rs9530334	73984888	A	0.1983	0.2179	G	3.904	0.04817	0.8879
13	rs1326731	74048862	C	0.2459	0.2253	A	4.164	0.04128	1.121
13	rs17326155	74136208	A	0.07963	0.06919	C	2.867	0.09039	1.164
13	rs1359873	74194810	A	0.2981	0.27	G	6.865	0.008791	1.149
13	rs9573494	74697893	G	0.4571	0.4801	A	3.653	0.05597	0.9117
13	rs1594529	74842665	C	0.2164	0.2409	A	5.679	0.01717	0.8705
13	rs17064600	74984164	G	0.2989	0.2743	A	5.191	0.02271	1.128
13	rs1407967	75397921	A	0.1796	0.1973	C	3.434	0.06387	0.8907
13	rs1344433	75542494	A	0.2599	0.2427	G	2.741	0.0978	1.096
13	rs1929755	75702992	G	0.4354	0.4581	A	3.585	0.05831	0.9122
13	rs12585734	75765668	A	0.06483	0.05526	G	2.963	0.08516	1.185
13	rs1005785	75936573	G	0.1409	0.1554	A	2.795	0.09455	0.8912
13	rs17066730	76276966	A	0.05733	0.04663	G	4.335	0.03733	1.243
13	rs1342884	76288322	C	0.2144	0.2363	A	4.626	0.03149	0.8819
13	rs912292	77093535	C	0.2208	0.1986	A	5.297	0.02137	1.143
13	rs2225376	77579206	A	0.08058	0.06997	G	2.939	0.08649	1.165
13	rs17806452	77700964	G	0.2425	0.2245	A	3.199	0.07368	1.106
13	rs12583965	77706814	G	0.08462	0.07077	A	4.934	0.02633	1.214
13	rs1986353	77943750	G	0.04184	0.05195	A	3.653	0.05595	0.7968
13	rs9530803	78066312	A	0.1193	0.1	G	6.996	0.008171	1.219
13	rs638226	78603924	A	0.0848	0.07162	G	4.417	0.03559	1.201
13	rs9574595	79670436	A	0.1398	0.122	G	5.041	0.02476	1.17
13	rs7324849	80620229	C	0.1842	0.2061	A	5.116	0.0237	0.8696
13	rs1333577	82182273	C	0.4737	0.5015	A	5.35	0.02072	0.8945
13	rs17071817	84549740	G	0.02838	0.02087	A	4.584	0.03228	1.37
13	rs1873288	84779125	G	0.197	0.1749	A	5.746	0.01653	1.157
13	rs1156276	84990674	A	0.1481	0.1668	C	4.386	0.03624	0.8684
13	rs12584999	85735283	A	0.1894	0.2079	G	3.596	0.05792	0.8901
13	rs2221406	88972527	A	0.2086	0.189	G	4.281	0.03855	1.131
13	rs9583780	89516023	G	0.05763	0.04678	A	4.42	0.03551	1.246
13	rs3848044	89652755	A	0.3098	0.3336	G	4.376	0.03644	0.8969
13	rs4773564	89698629	G	0.1703	0.1515	A	4.697	0.03021	1.15
13	rs1335559	90365818	A	0.01651	0.02258	G	2.964	0.08514	0.7268
13	rs8002472	91047818	C	0.02735	0.03764	A	5.2	0.02259	0.7188
13	rs462954	91169091	G	0.1089	0.122	A	2.814	0.09342	0.8791
13	rs2095475	92361687	G	0.0934	0.08193	A	2.972	0.08474	1.154
13	rs486670	92531562	G	0.1948	0.2124	A	3.193	0.07395	0.8973
13	rs1328366	92716145	A	0.1987	0.1824	G	3.025	0.08198	1.111
13	rs1445253	93009103	C	0.351	0.3314	A	2.975	0.08455	1.091

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13	rs9524197	93208913	A	0.04339	0.05635	G	5.582	0.01815	0.7595
13	rs1361122	93444474	A	0.3318	0.3126	G	2.895	0.08887	1.092
13	rs595509	93566637	A	0.09938	0.1164	C	4.89	0.02702	0.838
13	rs543019	93590505	A	0.1808	0.2017	C	4.721	0.0298	0.8734
13	rs9524362	93631459	G	0.3117	0.2925	A	3.042	0.08114	1.095
13	rs16949912	93985439	G	0.01765	0.02455	A	3.512	0.06093	0.7141
13	rs1572935	94070553	G	0.2474	0.2736	A	5.979	0.01448	0.8729
13	rs2146822	94091575	G	0.2918	0.2721	A	3.381	0.06594	1.103
13	rs7140125	96305527	A	0.156	0.1408	G	3.239	0.07192	1.127
13	rs7329435	96317612	G	0.4365	0.4603	A	3.95	0.04688	0.9081
13	rs9516916	96804389	A	0.08247	0.09543	G	3.388	0.06567	0.852
13	rs2793724	97230322	C	0.4793	0.4558	A	3.847	0.04983	1.099
13	rs585871	97482055	A	0.1246	0.1411	G	3.887	0.04865	0.8668
13	rs9634510	97572905	G	0.2018	0.2236	A	4.771	0.02895	0.8777
13	rs604000	97580857	G	0.4658	0.4935	A	5.272	0.02168	0.895
13	rs7327933	97729580	A	0.02376	0.03243	G	4.25	0.03926	0.7261
13	rs4771309	98073315	A	0.324	0.3442	G	3.104	0.07808	0.9135
13	rs17610946	99030161	A	0.02632	0.03485	C	3.836	0.05015	0.7485
13	rs7982361	99368436	G	0.1543	0.1362	A	4.749	0.02931	1.157
13	rs9513770	100057953	G	0.2879	0.2614	A	6.233	0.01254	1.142
13	rs11842610	100159860	G	0.1656	0.1511	A	2.823	0.09294	1.115
13	rs1765749	100176196	A	0.2234	0.2426	G	3.478	0.0622	0.8982
13	rs9518158	100221491	A	0.03457	0.04337	G	3.288	0.06981	0.7899
13	rs11617409	100397893	G	0.09804	0.08541	A	3.471	0.06244	1.164
13	rs12585074	100471513	A	0.04231	0.05177	G	3.205	0.07342	0.8092
13	rs9513877	100724340	A	0.3829	0.3569	G	5.042	0.02474	1.118
13	rs555513	100725865	A	0.2957	0.3246	G	6.637	0.009987	0.8733
13	rs544823	100731618	A	0.1457	0.1614	G	3.174	0.07483	0.886
13	rs9518363	100733288	A	0.3554	0.3935	G	10.56	0.001155	0.8496
13	rs11617026	100843480	A	0.06567	0.07898	G	4.267	0.03886	0.8196
13	rs9518389	100862974	C	0.2642	0.2887	A	5.074	0.02428	0.8846
13	rs933089	100898040	G	0.4438	0.4086	A	8.793	0.003024	1.155
13	rs9518449	101022924	A	0.05315	0.06582	G	4.599	0.032	0.7966
13	rs9554816	101105122	G	0.1281	0.1467	A	4.837	0.02786	0.8543
13	rs9518475	101105359	A	0.4483	0.4845	G	9.017	0.002675	0.8648
13	rs4772405	101105692	G	0.1791	0.1592	A	5.043	0.02472	1.152
13	rs1322701	101258342	G	0.06656	0.0804	A	4.544	0.03303	0.8157
13	rs9557798	101522771	A	0.3519	0.3838	G	7.4	0.006522	0.8718
13	rs595825	102140113	A	0.1656	0.1457	G	5.413	0.01999	1.164
13	rs9586004	102337617	C	0.06811	0.05336	A	7.228	0.007176	1.297
13	rs12871511	102358780	A	0.2554	0.2744	C	3.124	0.07717	0.9073
13	rs9518945	102624022	A	0.2748	0.293	G	2.747	0.09744	0.9143
13	rs17357714	102626093	G	0.2713	0.251	A	3.742	0.05307	1.111
13	rs3918334	102776780	C	0.2492	0.2265	A	5.05	0.02462	1.134
13	rs1929081	102830340	A	0.2503	0.2698	C	3.364	0.06663	0.9034
13	rs9555029	103598686	G	0.2368	0.2614	A	5.42	0.01991	0.877

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13	rs4771473	103639238	A	0.2059	0.2248	C	3.573	0.05872	0.8939
13	rs10508144	103799127	A	0.3756	0.3533	G	3.756	0.05261	1.101
13	rs913945	103804576	C	0.1785	0.1948	A	2.947	0.08603	0.8981
13	rs4771480	104020777	G	0.1811	0.197	A	2.77	0.09607	0.9015
13	rs10508148	104065056	G	0.06244	0.07301	A	2.894	0.0889	0.8455
13	rs556281	104072649	A	0.2564	0.2356	G	4.14	0.04189	1.119
13	rs798880	104128627	A	0.08988	0.07882	C	2.863	0.09061	1.154
13	rs11838380	104220907	A	0.06147	0.07281	G	3.338	0.06771	0.834
13	rs7995341	104295267	G	0.1486	0.1273	A	6.949	0.008388	1.197
13	rs3007290	104681704	G	0.02479	0.03238	A	3.249	0.07147	0.7597
13	rs9301029	104896251	A	0.3006	0.282	G	2.929	0.08702	1.094
13	rs9586864	104931366	C	0.04093	0.04979	A	2.904	0.08835	0.8145
13	rs9519726	105066609	G	0.4267	0.4476	A	3.042	0.08112	0.9187
13	rs9555193	105181655	A	0.08204	0.06794	G	5.308	0.02122	1.226
13	rs17446121	105325694	G	0.128	0.1422	A	2.882	0.08956	0.8854
13	rs4772725	105365678	A	0.4665	0.4446	G	3.338	0.06772	1.092
13	rs7322887	105537825	A	0.2573	0.2292	G	7.59	0.005869	1.165
13	rs355339	105613234	G	0.05072	0.06109	A	3.28	0.07014	0.8213
13	rs12020838	105681508	G	0.02221	0.03569	A	9.475	0.002083	0.6138
13	rs17182487	105879962	A	0.09246	0.07968	G	3.78	0.05187	1.177
13	rs7337400	106065995	G	0.02941	0.03911	A	4.432	0.03527	0.7446
13	rs7328987	106307927	A	0.1786	0.2041	C	6.999	0.008158	0.8475
13	rs9514606	106485480	G	0.07025	0.08331	A	3.913	0.04791	0.8313
13	rs9520283	106504241	G	0.1698	0.1465	A	7.352	0.006697	1.191
13	rs11618055	106572394	G	0.1078	0.121	A	2.828	0.09265	0.8783
13	rs2806508	106582336	G	0.5108	0.4908	A	2.761	0.09658	1.083
13	rs9555336	106702622	A	0.2518	0.2321	G	3.743	0.05301	1.114
13	rs9301233	107025880	G	0.4247	0.4505	A	4.645	0.03115	0.9005
13	rs9559173	107296323	G	0.0903	0.07899	A	2.992	0.08369	1.157
13	rs1224174	107777044	A	0.2223	0.2552	G	9.904	0.001649	0.8342
13	rs7999900	107795019	A	0.3951	0.3699	G	4.688	0.03037	1.113
13	rs725122	107856400	A	0.0687	0.07999	G	3.032	0.08164	0.8484
13	rs1951896	107914455	A	0.4236	0.4507	C	5.151	0.02323	0.8954
13	rs726449	107949490	A	0.3295	0.3515	G	3.651	0.05605	0.9069
13	rs7321197	108075525	A	0.1001	0.1138	G	3.233	0.07217	0.8665
13	rs7981380	108363498	A	0.1765	0.1931	G	3.086	0.07896	0.8954
13	rs157000	108551465	A	0.2136	0.1952	G	3.691	0.05471	1.12
13	rs4238268	108796103	A	0.1925	0.1749	G	3.643	0.05629	1.124
13	rs9555607	108861360	A	0.01909	0.02747	G	4.686	0.0304	0.6891
13	rs11620131	108935145	A	0.1178	0.09972	C	6.146	0.01317	1.205
13	rs6492202	108946679	A	0.04395	0.05495	G	4.096	0.04299	0.7907
13	rs6492204	108972142	A	0.129	0.1468	G	4.381	0.03635	0.861
13	rs1929210	109083479	G	0.4731	0.4457	A	5.239	0.02209	1.117
13	rs331974	109117114	G	0.1027	0.08419	A	7.488	0.006211	1.245
13	rs331984	109138105	G	0.1251	0.1395	A	2.979	0.08438	0.8825
13	rs11843936	109197127	G	0.1563	0.1401	A	3.747	0.0529	1.138

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13	rs12584136	109217355	A	0.04184	0.05189	C	3.613	0.05734	0.7978
13	rs336214	109331094	G	0.4783	0.4579	A	2.891	0.08907	1.085
13	rs587409	109701508	A	0.485	0.4648	G	2.844	0.09174	1.085
13	rs7317784	109753075	G	0.3755	0.3384	A	10.54	0.00117	1.176
13	rs9521725	109822975	G	0.1311	0.1173	A	3.115	0.07759	1.135
13	rs912946	109945847	A	0.09607	0.08281	G	3.928	0.04749	1.177
13	rs2119480	110141889	G	0.3466	0.366	A	2.795	0.09456	0.919
13	rs328794	110246771	G	0.2308	0.2138	A	2.939	0.08647	1.103
13	rs9522015	110406827	A	0.306	0.2843	G	3.948	0.04691	1.11
13	rs7998332	110598442	A	0.3777	0.4014	G	4.052	0.04413	0.905
13	rs9588371	110616481	A	0.02484	0.03231	G	3.14	0.07641	0.7632
13	rs2079465	110858498	G	0.1326	0.116	A	4.556	0.0328	1.165
13	rs9515431	110942174	G	0.3127	0.2944	A	2.763	0.09644	1.09
13	rs3936159	111583800	A	0.1999	0.2163	G	2.769	0.09613	0.905
13	rs2318058	111622992	G	0.4556	0.4317	A	4.01	0.04523	1.102
13	rs7337958	111790538	G	0.1068	0.09171	A	4.65	0.03105	1.184
13	rs893209	111832508	G	0.04442	0.03684	A	2.732	0.09837	1.215
13	rs1970331	111876993	A	0.08772	0.1001	G	2.983	0.08414	0.8642
13	rs9549880	111910189	A	0.2915	0.2729	G	3.02	0.08227	1.097
13	rs9324305	112180463	G	0.3363	0.361	A	4.582	0.0323	0.8968
13	rs9603917	112332192	A	0.1815	0.2095	G	8.215	0.004154	0.8367
13	rs7328960	112376717	A	0.4715	0.5012	G	6.074	0.01372	0.8877
13	rs368865	112527821	A	0.2515	0.2692	G	2.746	0.09753	0.9123
13	rs1320526	112608380	A	0.1975	0.1767	G	5.075	0.02427	1.147
13	rs1320517	112636505	A	0.2797	0.2538	G	6.037	0.01401	1.141
13	rs4907475	112657291	G	0.2151	0.2363	A	4.325	0.03755	0.8856
13	rs9805651	113206079	A	0.1321	0.1191	C	2.75	0.09725	1.126
13	rs7986001	113848234	A	0.4582	0.4334	G	4.307	0.03795	1.106
13	rs9525291	113962630	G	0.07946	0.06829	A	3.327	0.06814	1.178
13	rs9525307	113991410	A	0.234	0.2136	C	4.21	0.04019	1.124
13	rs9314909	114061118	G	0.2118	0.2324	A	4.109	0.04266	0.8876
14	rs10484227	19584863	A	0.09472	0.1115	G	4.934	0.02634	0.8342
14	rs11158599	19608234	A	0.4917	0.4717	G	2.783	0.09527	1.084
14	rs17277277	19801695	A	0.1847	0.1669	G	3.887	0.04867	1.131
14	rs3093921	19892148	G	0.01548	0.02124	A	2.835	0.09222	0.7246
14	rs945012	19965486	A	0.4736	0.4535	G	2.827	0.09271	1.085
14	rs1243701	20075947	G	0.1202	0.1056	A	3.841	0.05002	1.157
14	rs8008440	20226288	A	0.1042	0.121	G	4.643	0.03117	0.845
14	rs1320482	20246649	G	0.2203	0.2472	A	6.744	0.009404	0.8606
14	rs4982347	20259512	A	0.3127	0.284	G	6.928	0.008488	1.147
14	rs8012585	20310971	A	0.04489	0.03454	G	5.377	0.02041	1.314
14	rs7148287	20380986	A	0.09814	0.1131	G	3.895	0.04842	0.8533
14	rs4982398	20599037	G	0.1228	0.1099	A	2.914	0.0878	1.134
14	rs4982411	20645803	A	0.1358	0.1119	G	9.77	0.001774	1.248
14	rs4981361	20690535	G	0.1316	0.1468	A	3.23	0.07232	0.8805
14	rs12184962	20741156	G	0.2562	0.2387	A	2.874	0.09002	1.098

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14	rs1243370	20744054	G	0.05372	0.06347	A	2.801	0.09419	0.8376
14	rs1041856	21080800	G	0.4231	0.4431	A	2.789	0.09492	0.9219
14	rs17792766	21108050	A	0.141	0.1555	C	2.788	0.095	0.8914
14	rs10140287	21139619	G	0.4407	0.4623	A	3.25	0.07142	0.9163
14	rs12435291	21143313	A	0.09006	0.07862	C	3.063	0.0801	1.16
14	rs8022660	21605102	G	0.3236	0.3016	A	3.884	0.04875	1.108
14	rs7146806	21676682	G	0.06811	0.07926	A	2.978	0.08442	0.8491
14	rs6572331	21784682	A	0.09133	0.07775	G	4.36	0.03678	1.192
14	rs1483974	22048615	A	0.1584	0.1743	C	3.043	0.0811	0.8918
14	rs17120285	22141463	A	0.05274	0.04371	G	3.29	0.0697	1.218
14	rs3850290	22315141	A	0.3651	0.3405	G	4.645	0.03115	1.114
14	rs12433985	22319379	G	0.3501	0.3702	A	3.009	0.08282	0.9162
14	rs7151065	22319997	A	0.4484	0.4273	G	3.135	0.07663	1.09
14	rs17122403	22320970	C	0.06043	0.04668	A	7.109	0.007669	1.314
14	rs3751488	22373934	A	0.2513	0.2336	G	3.003	0.08313	1.101
14	rs1003349	22375503	A	0.2766	0.3019	C	5.283	0.02154	0.884
14	rs2295689	22588631	G	0.4146	0.4387	A	4.055	0.04405	0.9063
14	rs17198981	22643361	G	0.1533	0.1684	A	2.867	0.0904	0.8935
14	rs10143875	22654105	A	0.2693	0.2919	G	4.25	0.03924	0.8945
14	rs1569951	22677111	A	0.4793	0.5008	G	3.187	0.07422	0.9175
14	rs12890908	22950118	A	0.04128	0.03335	G	3.282	0.07004	1.248
14	rs12435647	23379705	A	0.1821	0.2031	G	4.712	0.02996	0.874
14	rs2208927	23445327	A	0.2552	0.2367	G	3.241	0.07181	1.105
14	rs2070344	23608045	G	0.02116	0.02795	A	3.01	0.08275	0.7516
14	rs6573766	23921886	C	0.2066	0.1907	A	2.798	0.09437	1.105
14	rs4981547	24230785	G	0.4897	0.4697	A	2.745	0.09755	1.083
14	rs12889256	24435345	G	0.343	0.3213	A	3.71	0.05409	1.103
14	rs8018441	24441365	G	0.1089	0.09634	A	3.076	0.07944	1.146
14	rs4983041	24495978	A	0.5041	0.4791	G	4.336	0.03731	1.105
14	rs1958387	24631243	A	0.2859	0.2604	G	5.77	0.01631	1.137
14	rs10483295	24650183	G	0.1701	0.1552	A	2.884	0.08946	1.116
14	rs7143870	24687022	G	0.1089	0.09678	A	2.851	0.09129	1.14
14	rs17109766	24902228	G	0.0645	0.05418	A	3.513	0.0609	1.203
14	rs17527048	24951684	A	0.0547	0.0414	G	7.44	0.006381	1.34
14	rs1951054	25147248	G	0.3566	0.3372	A	2.899	0.08866	1.09
14	rs1956613	25454786	C	0.05676	0.07045	A	5.04	0.02477	0.7939
14	rs1240985	25460615	A	0.1013	0.1147	G	3.078	0.07934	0.8701
14	rs17476287	25660180	A	0.1109	0.09725	G	3.631	0.0567	1.158
14	rs11625625	25744316	A	0.2343	0.2165	G	3.197	0.07377	1.107
14	rs6575421	26624652	A	0.5021	0.4777	C	4.091	0.04311	1.102
14	rs202963	26793536	G	0.2425	0.2238	A	3.458	0.06294	1.11
14	rs11626529	27198064	G	0.07513	0.06306	A	4.159	0.0414	1.207
14	rs2000327	27205574	A	0.07521	0.06521	G	2.773	0.09589	1.166
14	rs17611471	27681140	G	0.517	0.4961	A	3.022	0.08212	1.087
14	rs11621150	28863292	G	0.03268	0.04286	A	4.451	0.03487	0.7544
14	rs7159513	28926702	A	0.1625	0.189	G	7.927	0.00487	0.833

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14	rs10444692	29094054	A	0.05114	0.06136	G	3.185	0.07433	0.8244
14	rs1959431	29252320	G	0.2792	0.3022	A	4.362	0.03674	0.8942
14	rs720046	30048496	A	0.1815	0.1635	C	4.042	0.04438	1.135
14	rs10149876	30064912	A	0.04334	0.05215	G	2.755	0.09695	0.8235
14	rs229261	30137841	G	0.2164	0.197	A	4.07	0.04366	1.126
14	rs2106101	30275385	G	0.05418	0.06482	A	3.279	0.07019	0.8264
14	rs1952896	31091189	G	0.1414	0.1575	A	3.395	0.06539	0.881
14	rs12717214	31547995	A	0.227	0.248	G	4.089	0.04315	0.8907
14	rs17469788	31553698	A	0.194	0.2105	G	2.856	0.09103	0.9026
14	rs10142582	32038097	A	0.2915	0.313	C	3.711	0.05406	0.9032
14	rs11846766	32097721	G	0.02738	0.03714	A	4.723	0.02976	0.7298
14	rs10131032	32319832	A	0.07601	0.08929	G	3.786	0.05169	0.8391
14	rs12894779	32374771	A	0.5021	0.4782	G	3.94	0.04716	1.1
14	rs12436002	32600921	A	0.3456	0.3267	G	2.775	0.09572	1.088
14	rs1124910	32901933	A	0.177	0.197	G	4.416	0.03561	0.8764
14	rs1315128	32908111	A	0.2714	0.2925	G	3.731	0.0534	0.901
14	rs12897109	32986581	G	0.2528	0.2843	A	8.458	0.003635	0.8517
14	rs17101269	32999829	G	0.1099	0.09552	A	4.072	0.0436	1.169
14	rs17499486	33060576	A	0.1883	0.206	G	3.319	0.06848	0.8943
14	rs7140900	33166448	A	0.1187	0.1063	G	2.772	0.09592	1.133
14	rs12882238	33445467	G	0.186	0.1694	A	3.334	0.06787	1.12
14	rs4982121	33542859	G	0.2694	0.2959	A	5.834	0.01572	0.8775
14	rs1680730	33573402	C	0.08419	0.09739	A	3.461	0.06282	0.852
14	rs1431054	33658277	A	0.168	0.1859	G	3.671	0.05537	0.8844
14	rs10148562	33723047	A	0.01445	0.02168	G	4.417	0.03559	0.6614
14	rs12147685	33728981	G	0.2913	0.2685	A	4.536	0.03318	1.12
14	rs4982155	33767943	A	0.25	0.2817	C	8.65	0.003271	0.8498
14	rs5023584	33792040	G	0.04541	0.05592	A	3.681	0.05505	0.8031
14	rs10872883	33870489	A	0.07534	0.06524	G	2.837	0.0921	1.167
14	rs8009965	33871447	A	0.1744	0.2034	C	9.085	0.002577	0.8271
14	rs12896616	33955745	A	0.152	0.1353	G	4.047	0.04425	1.145
14	rs17102628	34146098	C	0.1099	0.09437	A	4.793	0.02858	1.185
14	rs8022575	34217176	A	0.4674	0.4467	C	2.989	0.08381	1.087
14	rs7148400	34389477	G	0.4407	0.4783	A	9.814	0.001732	0.8592
14	rs1951276	34923139	A	0.1854	0.17	G	2.887	0.08928	1.111
14	rs12431807	35062629	A	0.1534	0.1386	G	3.153	0.07578	1.127
14	rs10483460	35595041	G	0.03251	0.04083	A	3.118	0.07745	0.7893
14	rs3909622	35958318	A	0.3063	0.2778	G	6.826	0.008984	1.147
14	rs12436124	36011020	A	0.2348	0.2568	G	4.401	0.03592	0.8881
14	rs848092	36338548	A	0.3184	0.3391	G	3.327	0.06813	0.9102
14	rs1325541	36348098	A	0.3471	0.3722	C	4.671	0.03068	0.8966
14	rs848049	36388208	A	0.06605	0.07708	G	2.995	0.08352	0.8468
14	rs712372	36389495	A	0.4659	0.4313	G	8.445	0.003661	1.151
14	rs8010503	36394483	C	0.03664	0.04771	A	4.773	0.02891	0.7591
14	rs2682836	36425923	A	0.1262	0.1399	G	2.724	0.09887	0.8877
14	rs7159241	36466144	G	0.016	0.0231	A	3.99	0.04576	0.6874

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14	rs7150942	36500057	G	0.372	0.4043	A	7.474	0.00626	0.873
14	rs17107141	37355117	A	0.1785	0.1638	C	2.719	0.09913	1.11
14	rs8015058	37355949	A	0.3633	0.3394	G	4.349	0.03703	1.11
14	rs954881	37508287	G	0.4407	0.3984	A	12.79	0.0003482	1.19
14	rs2812031	37785490	C	0.06978	0.05452	A	7.456	0.006324	1.301
14	rs1983969	37814935	A	0.241	0.2689	C	6.875	0.008741	0.8633
14	rs7141179	40883002	G	0.2332	0.2105	A	5.303	0.02129	1.141
14	rs17181511	41025847	A	0.06191	0.05199	G	3.328	0.06812	1.203
14	rs10483521	41375682	C	0.04959	0.0414	A	2.851	0.09133	1.208
14	rs1123660	42109536	G	0.1636	0.1839	A	4.766	0.02903	0.8679
14	rs1617356	42264209	A	0.2991	0.2749	G	5.032	0.02488	1.126
14	rs17278732	43516386	G	0.1429	0.1584	A	3.114	0.07763	0.8862
14	rs17309330	43665096	G	0.1457	0.1233	A	7.805	0.005209	1.212
14	rs7154765	43744576	G	0.2622	0.2874	A	5.379	0.02038	0.8811
14	rs1109183	43911936	G	0.4974	0.4754	A	3.363	0.06669	1.092
14	rs8003717	47231223	G	0.1006	0.1184	A	5.328	0.02098	0.8326
14	rs712477	47581101	A	0.2879	0.308	G	3.263	0.07088	0.9086
14	rs698334	47608583	G	0.1395	0.1225	A	4.559	0.03274	1.161
14	rs4078432	48066956	G	0.1662	0.1855	A	4.313	0.03781	0.8749
14	rs8017802	48246055	C	0.08824	0.1011	A	3.179	0.0746	0.8605
14	rs1530947	49021100	G	0.1869	0.2035	A	2.978	0.08439	0.8991
14	rs3126174	49412701	C	0.1238	0.1422	A	4.835	0.02789	0.8525
14	rs3850289	49516499	A	0.3142	0.293	G	3.753	0.05271	1.106
14	rs12437060	49564493	G	0.1324	0.117	A	3.914	0.04789	1.152
14	rs4898673	50349264	A	0.3313	0.3096	C	3.775	0.05201	1.105
14	rs1547763	50412226	A	0.3323	0.3023	C	7.307	0.00687	1.149
14	rs12892749	50547975	G	0.0356	0.02557	A	6.697	0.009656	1.407
14	rs3007165	50701569	A	0.05831	0.04859	G	3.454	0.0631	1.212
14	rs17660245	51028206	A	0.06244	0.04973	G	5.739	0.0166	1.272
14	rs17660434	51032661	A	0.2626	0.2332	G	8.3	0.003964	1.171
14	rs12434748	51113997	A	0.3251	0.305	G	3.277	0.07026	1.098
14	rs11626565	51144902	C	0.1674	0.1504	A	3.839	0.05008	1.135
14	rs8006868	51176174	G	0.1827	0.2001	A	3.311	0.06881	0.8932
14	rs2069002	51320440	C	0.1295	0.1451	A	3.413	0.0647	0.8766
14	rs2993998	51390854	A	0.3148	0.3352	C	3.253	0.0713	0.9109
14	rs12587228	51508087	A	0.02786	0.03568	G	3.135	0.07664	0.7747
14	rs1566128	51584731	A	0.4438	0.4235	G	2.901	0.08855	1.086
14	rs1898475	51735245	A	0.4582	0.4837	G	4.487	0.03416	0.9027
14	rs17831760	51950600	A	0.07908	0.06827	G	3.102	0.07821	1.172
14	rs2357804	52228076	A	0.1429	0.1294	G	2.769	0.09612	1.122
14	rs8008270	52442080	A	0.209	0.1874	G	5.247	0.02199	1.146
14	rs10483619	52524755	C	0.08056	0.06996	A	2.919	0.08755	1.165
14	rs7154006	53321945	C	0.04438	0.05475	A	3.66	0.05573	0.8017
14	rs1950198	53880016	G	0.07121	0.05839	A	5.039	0.02479	1.236
14	rs1212968	54113270	C	0.1419	0.1583	A	3.521	0.06059	0.8792
14	rs7140661	54271830	A	0.1455	0.161	G	3.093	0.07864	0.8874

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14	rs10483642	54990213	A	0.4065	0.4402	G	7.968	0.004762	0.8709
14	rs12591000	55069413	A	0.03564	0.02724	G	4.444	0.03503	1.32
14	rs17832491	55410974	A	0.07231	0.06128	G	3.58	0.05848	1.194
14	rs241529	55581216	A	0.4551	0.484	G	5.784	0.01617	0.8903
14	rs198256	56244790	C	0.06398	0.07771	A	4.615	0.03169	0.8113
14	rs1189816	56590218	G	0.0532	0.06395	A	3.383	0.06588	0.8225
14	rs4901764	56660480	G	0.1306	0.1112	A	6.393	0.01146	1.2
14	rs4898927	56667775	A	0.3885	0.4127	G	4.15	0.04164	0.9044
14	rs11158157	56896748	G	0.4449	0.424	A	3.066	0.07995	1.089
14	rs7160495	57238514	A	0.07018	0.08568	G	5.389	0.02026	0.8054
14	rs7140492	57590253	C	0.05728	0.04776	A	3.369	0.06644	1.211
14	rs7144633	58582146	A	0.118	0.1053	G	2.915	0.08776	1.137
14	rs2182138	59245169	A	0.1932	0.1719	G	5.413	0.01999	1.153
14	rs12147034	60722080	G	0.1404	0.1259	A	3.214	0.07302	1.133
14	rs7151034	60890422	C	0.1123	0.09336	A	7.165	0.007433	1.229
14	rs718028	60893979	A	0.1551	0.17	G	2.722	0.09898	0.8964
14	rs710065	61112115	A	0.03096	0.03892	G	2.988	0.08388	0.7889
14	rs10148477	61340572	A	0.1168	0.137	G	5.983	0.01444	0.833
14	rs11625130	61473255	A	0.06708	0.05262	G	7.034	0.007998	1.295
14	rs1806517	61778735	A	0.02376	0.03097	G	3.063	0.08011	0.7615
14	rs4902119	61780618	G	0.4326	0.4558	A	3.709	0.05413	0.9106
14	rs7153680	63543980	C	0.3962	0.3759	A	3.012	0.08264	1.089
14	rs2295639	63971869	G	0.02116	0.02856	A	3.502	0.0613	0.7353
14	rs170679	64299117	A	0.08178	0.09468	G	3.385	0.06577	0.8516
14	rs17826201	64352706	A	0.02786	0.01917	C	6.617	0.0101	1.467
14	rs4310777	64516110	A	0.06708	0.07868	G	3.249	0.07148	0.842
14	rs1315735	67006235	G	0.5072	0.4827	A	4.142	0.04184	1.103
14	rs10438155	67036153	A	0.0774	0.09171	G	4.307	0.03797	0.8309
14	rs3818242	67039941	A	0.1426	0.1594	G	3.671	0.05536	0.877
14	rs8019974	67056028	G	0.5088	0.4722	A	9.249	0.002356	1.158
14	rs3825725	67105632	G	0.3019	0.2781	A	4.816	0.0282	1.122
14	rs8007199	67135074	A	0.4282	0.4541	G	4.663	0.03083	0.9003
14	rs17783214	67444388	A	0.1264	0.1113	G	3.942	0.04708	1.156
14	rs7149396	67884400	A	0.2688	0.2892	G	3.502	0.06131	0.9036
14	rs2273419	68420514	A	0.08884	0.1014	C	3.037	0.0814	0.8637
14	rs11620883	68791533	A	0.07231	0.05981	G	4.691	0.03033	1.225
14	rs4902771	69600043	A	0.03357	0.0449	G	5.295	0.02138	0.739
14	rs17107920	69707713	G	0.1796	0.1597	A	5.034	0.02485	1.152
14	rs17176425	70154771	A	0.05895	0.0719	G	4.412	0.03568	0.8085
14	rs10148050	70225737	G	0.1746	0.1925	A	3.572	0.05875	0.8875
14	rs17766715	70369494	A	0.08204	0.07141	G	2.898	0.08868	1.162
14	rs17100307	71254504	A	0.08927	0.1056	G	4.94	0.02624	0.8303
14	rs1204983	71288899	G	0.2699	0.2907	A	3.663	0.05565	0.9017
14	rs12881230	71437187	C	0.3168	0.337	A	3.155	0.07568	0.9123
14	rs8010242	71808817	A	0.1305	0.1133	C	5.026	0.02497	1.175
14	rs7159986	72231868	A	0.05882	0.07008	G	3.407	0.0649	0.8294

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14	rs1468662	72353495	G	0.05057	0.06412	A	5.395	0.02019	0.7774
14	rs2192594	72404922	A	0.1512	0.1701	G	4.405	0.03583	0.8691
14	rs8006497	72699485	G	0.04705	0.05721	A	3.354	0.06703	0.8137
14	rs10134243	73014902	G	0.1615	0.1778	A	3.165	0.07525	0.8906
14	rs10136165	73261918	A	0.2508	0.2292	G	4.529	0.03332	1.126
14	rs8014403	74525761	G	0.1115	0.09856	A	3.188	0.07416	1.147
14	rs8006587	74734692	G	0.4783	0.5003	A	3.317	0.06855	0.916
14	rs7156385	74852313	A	0.03616	0.02682	C	5.552	0.01846	1.361
14	rs8017448	74942281	A	0.08927	0.07713	G	3.513	0.06088	1.173
14	rs6574230	74946598	G	0.162	0.1855	A	6.373	0.01159	0.8489
14	rs3759738	75052804	A	0.211	0.1911	C	4.392	0.03611	1.132
14	rs10137007	75440283	G	0.08153	0.09398	A	3.186	0.07428	0.8557
14	rs8007339	75762596	A	0.1772	0.162	G	2.888	0.08923	1.114
14	rs4903408	75932918	A	0.0749	0.06497	G	2.752	0.09714	1.165
14	rs12435564	75980964	A	0.05573	0.04693	C	2.929	0.08698	1.199
14	rs1642851	76055163	A	0.09185	0.07676	G	5.435	0.01974	1.216
14	rs1676248	76069769	G	0.3707	0.3463	A	4.531	0.03329	1.112
14	rs2860216	76075761	G	0.3218	0.2961	A	5.388	0.02028	1.128
14	rs2927288	76077490	C	0.3586	0.3834	A	4.495	0.034	0.8992
14	rs11629409	76388271	C	0.2014	0.1715	A	10.72	0.001061	1.219
14	rs760264	76453219	A	0.1636	0.1803	G	3.28	0.07013	0.8893
14	rs1882836	76467580	A	0.1458	0.1298	G	3.885	0.04873	1.145
14	rs10140793	77441142	G	0.3962	0.3762	A	2.936	0.0866	1.088
14	rs4533193	77449921	A	0.1347	0.1143	G	6.979	0.008245	1.206
14	rs2287652	77467201	G	0.1187	0.1029	A	4.569	0.03255	1.174
14	rs12590451	77610768	A	0.1202	0.1067	G	3.257	0.07111	1.144
14	rs214000	77869825	A	0.5057	0.4839	C	3.271	0.07049	1.091
14	rs7159049	78112782	A	0.02528	0.03224	G	2.739	0.09791	0.7786
14	rs12147587	78135412	A	0.08204	0.07138	C	2.913	0.08786	1.163
14	rs17108128	78258221	A	0.09546	0.08298	G	3.477	0.06223	1.166
14	rs12880776	79630949	A	0.09034	0.07784	C	3.674	0.05526	1.177
14	rs190119	79768599	A	0.1554	0.1759	G	5.013	0.02516	0.8623
14	rs10144113	79984712	C	0.04188	0.05266	A	4.096	0.04299	0.7864
14	rs17110831	80125758	A	0.1909	0.1723	C	4.152	0.04159	1.134
14	rs741651	80689322	G	0.0356	0.04489	A	3.55	0.05956	0.7854
14	rs1367330	81586469	A	0.07946	0.09911	C	7.605	0.005821	0.7847
14	rs12887244	82012046	G	0.2208	0.2044	A	2.86	0.09081	1.103
14	rs1242551	82281556	G	0.06825	0.07924	A	2.891	0.08909	0.8512
14	rs1888363	82594454	G	0.2127	0.2297	A	2.81	0.09367	0.9063
14	rs12434022	82815943	G	0.2712	0.2903	A	3.057	0.0804	0.9098
14	rs11852029	82892479	G	0.1749	0.158	A	3.684	0.05495	1.13
14	rs17119441	83543402	A	0.04907	0.04105	G	2.763	0.09648	1.206
14	rs17740265	84585868	G	0.06811	0.08147	A	4.182	0.04086	0.8241
14	rs1289466	84899847	C	0.07955	0.06927	A	2.783	0.09524	1.161
14	rs1289414	84979409	C	0.4783	0.5024	A	3.987	0.04585	0.9082
14	rs2372919	84985731	C	0.1444	0.1716	A	9.079	0.002586	0.8148

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14	rs1289429	84995784	G	0.4149	0.3808	A	8.44	0.003671	1.153
14	rs1473706	85117940	A	0.2012	0.23	G	8.154	0.004296	0.8433
14	rs2372976	85118321	G	0.4045	0.3817	A	3.816	0.05075	1.101
14	rs12891776	86660291	A	0.1961	0.1806	G	2.772	0.09595	1.107
14	rs7157457	87715610	A	0.05682	0.04517	G	5.285	0.02151	1.274
14	rs10483995	87786360	C	0.2358	0.2133	A	5.169	0.023	1.138
14	rs2401756	87790661	G	0.3543	0.3889	A	8.686	0.003207	0.8624
14	rs17692117	87836578	C	0.06715	0.05754	A	2.882	0.08957	1.179
14	rs2144057	87837408	A	0.4069	0.3797	G	5.419	0.01992	1.121
14	rs12147268	87855207	A	0.4013	0.4254	G	4.091	0.0431	0.9055
14	rs366476	88004404	A	0.3807	0.4109	G	6.519	0.01067	0.8813
14	rs10147907	88554126	A	0.09659	0.08047	C	5.935	0.01485	1.222
14	rs4904507	88647502	A	0.3968	0.4191	G	3.531	0.06022	0.9118
14	rs10133171	88662708	A	0.3963	0.4235	G	5.245	0.02201	0.8935
14	rs4904510	88662766	G	0.1958	0.1802	A	2.817	0.09327	1.108
14	rs17188325	88809829	A	0.1975	0.1806	G	3.297	0.06941	1.117
14	rs12894915	88811732	A	0.3922	0.4194	G	5.287	0.02149	0.893
14	rs1299799	89052074	A	0.06553	0.07771	G	3.625	0.05691	0.8323
14	rs8011669	89161872	A	0.323	0.3454	G	3.851	0.04973	0.9041
14	rs10782475	89214743	G	0.03774	0.02986	A	3.547	0.05964	1.274
14	rs2401863	89525941	C	0.3789	0.3991	A	2.92	0.08748	0.9184
14	rs11621563	89809248	A	0.02425	0.03123	G	2.847	0.09152	0.7709
14	rs8018447	90251262	G	0.1939	0.1754	A	4.024	0.04485	1.131
14	rs11624508	90752958	A	0.03616	0.04744	G	4.978	0.02568	0.7533
14	rs8012328	90836465	A	0.2073	0.2252	G	3.154	0.07574	0.9002
14	rs12587463	90929720	A	0.1732	0.1562	G	3.744	0.053	1.132
14	rs17128162	91850110	A	0.1205	0.1058	G	3.888	0.04864	1.158
14	rs4904868	91850754	A	0.4401	0.4677	G	5.283	0.02154	0.8946
14	rs11623185	92134351	G	0.404	0.4374	A	7.792	0.005249	0.8719
14	rs12896830	92197164	G	0.1615	0.1815	A	4.702	0.03012	0.8683
14	rs1242094	92285999	C	0.1233	0.1378	A	3.053	0.08056	0.8805
14	rs11848008	92411759	A	0.1084	0.08782	G	8.884	0.002877	1.262
14	rs1316506	92454206	A	0.06947	0.05856	G	3.59	0.05814	1.2
14	rs4905055	92691389	G	0.05263	0.06233	A	2.823	0.0929	0.8357
14	rs3742709	92764771	A	0.1011	0.08906	G	3.061	0.08021	1.151
14	rs1887197	93257585	G	0.3184	0.342	A	4.314	0.03779	0.8984
14	rs17824472	93697120	A	0.07585	0.06494	G	3.325	0.06822	1.182
14	rs7151095	93959685	C	0.02841	0.03594	A	2.883	0.08951	0.7844
14	rs1955656	94115128	A	0.1174	0.09602	G	8.853	0.002925	1.252
14	rs7148204	94216494	A	0.2931	0.3127	C	3.112	0.07771	0.9111
14	rs10134903	94299530	A	0.03044	0.03893	G	3.396	0.06534	0.7752
14	rs12897986	94315023	A	0.09711	0.07605	G	10.58	0.001142	1.307
14	rs12184990	94323536	A	0.126	0.1045	G	8.329	0.003901	1.235
14	rs1950771	94334655	G	0.2961	0.3185	A	4.012	0.04518	0.8999
14	rs8008282	94395242	A	0.1111	0.1304	G	5.755	0.01644	0.8333
14	rs10130003	94452633	G	0.1569	0.1425	A	2.887	0.08929	1.12

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14	rs7141416	94500112	A	0.2166	0.1972	G	4.087	0.04321	1.126
14	rs10136276	94588515	A	0.01756	0.02365	G	2.844	0.09174	0.738
14	rs11621225	94808463	G	0.273	0.2512	A	4.313	0.03782	1.119
14	rs7144405	94835020	A	0.3359	0.3125	G	4.377	0.03643	1.113
14	rs755566	94893623	G	0.2018	0.2281	A	6.848	0.008873	0.8554
14	rs2274081	94897774	A	0.1522	0.1677	C	2.973	0.08466	0.8913
14	rs1024200	94906144	A	0.4742	0.4543	G	2.758	0.09679	1.083
14	rs942319	95016581	G	0.4256	0.3948	A	6.83	0.008964	1.136
14	rs737076	95032380	A	0.4386	0.417	G	3.309	0.06888	1.092
14	rs17756362	95033091	A	0.09143	0.0803	G	2.85	0.09139	1.153
14	rs179164	95037811	A	0.2896	0.2653	G	5.179	0.02286	1.129
14	rs10782485	95055703	A	0.4427	0.411	G	7.104	0.00769	1.138
14	rs12147631	95084939	A	0.4272	0.4573	G	6.301	0.01207	0.8851
14	rs7150527	95195629	A	0.1011	0.08929	G	2.938	0.0865	1.148
14	rs1619092	95232436	A	0.2946	0.3185	G	4.53	0.0333	0.894
14	rs17093378	95288870	A	0.02941	0.02315	G	2.911	0.08797	1.279
14	rs1951980	95322780	G	0.4752	0.4981	A	3.601	0.05775	0.9126
14	rs17093643	95525456	A	0.1053	0.09354	G	2.765	0.09636	1.14
14	rs17093887	95729403	A	0.1668	0.1498	G	3.876	0.04898	1.136
14	rs12147439	96110332	G	0.2257	0.2094	A	2.748	0.09736	1.101
14	rs17214365	96152971	A	0.2271	0.2095	G	3.18	0.07452	1.109
14	rs17280373	96205840	A	0.1667	0.1517	G	2.988	0.0839	1.119
14	rs2025364	96217023	A	0.04489	0.05584	G	4.003	0.04543	0.7947
14	rs856274	96516711	A	0.09959	0.1157	C	4.436	0.03519	0.8454
14	rs7150887	96709389	A	0.1419	0.1267	G	3.573	0.05871	1.14
14	rs17835902	96921398	G	0.2668	0.2847	A	2.745	0.09756	0.914
14	rs11160398	96926553	A	0.0485	0.0395	G	3.601	0.05774	1.24
14	rs4905602	97177799	G	0.3287	0.2969	A	8.299	0.003966	1.16
14	rs1840790	97426285	A	0.02381	0.03091	G	2.97	0.08483	0.7646
14	rs1466439	97509237	A	0.2188	0.2026	G	2.766	0.09626	1.102
14	rs12435486	97740602	A	0.2693	0.2509	G	3.098	0.07839	1.1
14	rs11621305	97831272	C	0.1756	0.1596	A	3.257	0.07112	1.122
14	rs8022922	98057045	A	0.452	0.4752	G	3.719	0.05381	0.911
14	rs12878570	98163152	A	0.2183	0.2006	G	3.315	0.06865	1.112
14	rs2038352	98187740	A	0.1181	0.1315	G	2.722	0.099	0.8846
14	rs8020624	98205149	A	0.04545	0.05857	G	5.501	0.01901	0.7655
14	rs1950476	98207388	G	0.4133	0.4421	A	5.813	0.0159	0.8889
14	rs17097800	98327493	A	0.0614	0.07733	G	6.267	0.0123	0.7805
14	rs200303	98472186	A	0.3782	0.4098	C	7.131	0.007575	0.8761
14	rs1257630	98540868	A	0.03199	0.04002	G	2.959	0.08541	0.7927
14	rs1257670	98562726	G	0.2853	0.3055	A	3.317	0.06857	0.9077
14	rs11625680	98591548	G	0.0999	0.1179	A	5.438	0.0197	0.8304
14	rs807363	98602905	A	0.3189	0.2953	G	4.571	0.03251	1.117
14	rs941519	98799716	G	0.4747	0.4996	A	4.28	0.03857	0.9051
14	rs2664299	98811940	G	0.4179	0.3965	A	3.287	0.06985	1.093
14	rs1257333	98853353	G	0.3839	0.4101	A	4.892	0.02698	0.8964

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14	rs1257282	98898529	A	0.05998	0.04981	G	3.685	0.0549	1.217
14	rs9788481	99058799	C	0.01393	0.02083	A	4.171	0.04112	0.6642
14	rs941557	99112114	A	0.3833	0.4031	G	2.818	0.09324	0.9203
14	rs17642708	99205503	G	0.1767	0.1943	A	3.464	0.06271	0.8896
14	rs2145859	99446468	A	0.136	0.1565	G	5.56	0.01837	0.8482
14	rs4900447	99472568	A	0.3605	0.3833	G	3.795	0.0514	0.907
14	rs11160562	99473369	A	0.2926	0.2638	G	7.301	0.006892	1.154
14	rs1059263	99839120	A	0.3001	0.321	C	3.479	0.06215	0.9068
14	rs2273608	100268494	A	0.09917	0.08709	G	3.125	0.07712	1.154
14	rs11851174	100415257	A	0.2085	0.1853	G	6.047	0.01393	1.158
14	rs7140271	100553382	C	0.03361	0.04415	A	4.651	0.03104	0.7529
14	rs11160617	100572054	A	0.05315	0.06295	G	2.858	0.09093	0.8355
14	rs8015875	100603041	G	0.2595	0.242	A	2.877	0.08988	1.098
14	rs17099968	100720708	G	0.2878	0.3119	A	4.595	0.03207	0.8917
14	rs8022420	100722219	G	0.1339	0.1194	A	3.396	0.06534	1.14
14	rs1467831	100771151	A	0.2474	0.2686	G	3.95	0.04688	0.8953
14	rs10139797	100778362	A	0.1254	0.1416	G	3.78	0.05187	0.8689
14	rs4906092	100827448	G	0.09856	0.1152	A	4.734	0.02958	0.8401
14	rs7157047	101001178	C	0.1192	0.1338	A	3.15	0.07594	0.8764
14	rs1190716	101094977	A	0.09349	0.1076	G	3.631	0.05672	0.8551
14	rs8003511	101370279	A	0.1161	0.09713	G	6.945	0.008405	1.221
14	rs1677999	101411403	G	0.2766	0.2575	A	3.276	0.07031	1.103
14	rs1309353	101964346	G	0.0516	0.04205	A	3.817	0.05075	1.24
14	rs7150548	102029715	G	0.1663	0.1885	A	5.58	0.01817	0.8591
14	rs8014278	102685593	A	0.1517	0.1682	G	3.383	0.06589	0.8844
14	rs12885878	103077308	A	0.2564	0.2375	G	3.402	0.0651	1.107
14	rs2275593	103709764	G	0.3318	0.3129	A	2.85	0.09137	1.09
14	rs11851356	103764970	A	0.2911	0.2732	G	2.738	0.09796	1.092
14	rs8003023	103807815	C	0.235	0.2558	A	3.94	0.04715	0.8937
14	rs12586594	103873344	A	0.4871	0.4648	C	3.437	0.06374	1.093
14	rs4264325	104050531	A	0.05016	0.04097	G	3.607	0.05753	1.236
14	rs7148837	104071798	C	0.2523	0.2843	A	8.684	0.003211	0.8496
14	rs2731148	106171256	G	0.06127	0.07223	A	3.124	0.07712	0.8383
15	rs4932079	18452025	C	0.2748	0.252	A	4.716	0.02988	1.125
15	rs6606792	20342795	A	0.3277	0.2945	C	9.039	0.002643	1.167
15	rs17137192	20519735	A	0.1378	0.1528	G	3.037	0.08139	0.8859
15	rs1009153	20528352	A	0.3704	0.3512	G	2.762	0.0965	1.087
15	rs11638266	21332739	G	0.5166	0.4938	A	3.58	0.05849	1.096
15	rs7179053	21354388	A	0.4112	0.4419	G	6.583	0.0103	0.8821
15	rs11632341	21540364	G	0.07688	0.09151	A	4.511	0.03367	0.8268
15	rs824192	21553420	A	0.4241	0.4012	G	3.742	0.05306	1.099
15	rs1459985	21668350	A	0.1556	0.139	G	3.948	0.04693	1.142
15	rs7167698	21698499	G	0.05728	0.04718	A	3.821	0.05063	1.227
15	rs11854546	22388926	A	0.1641	0.1801	G	3.037	0.0814	0.8933
15	rs7162406	22456739	A	0.08428	0.09638	G	2.931	0.0869	0.8629
15	rs12594190	22587548	G	0.2495	0.23	A	3.663	0.05562	1.113

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15	rs5001649	22659931	A	0.2967	0.2777	G	3.086	0.07898	1.097
15	rs4906693	22702932	A	0.3895	0.3677	G	3.502	0.06131	1.097
15	rs610736	22735210	A	0.1054	0.1212	G	4.126	0.04223	0.8537
15	rs7176180	23537054	G	0.1367	0.1534	A	3.729	0.05349	0.8741
15	rs8039677	23647475	A	0.07534	0.09392	G	7.143	0.007527	0.786
15	rs4906826	23757762	C	0.4009	0.4319	A	6.753	0.00936	0.8803
15	rs1397855	23766807	A	0.07946	0.09618	G	5.637	0.01758	0.8112
15	rs4635314	23918261	G	0.354	0.32	A	9.116	0.002533	1.165
15	rs486535	23973086	A	0.3418	0.3719	C	6.734	0.009459	0.8768
15	rs1435831	24031805	A	0.4427	0.4201	G	3.6	0.05779	1.096
15	rs12914178	24130941	G	0.2601	0.2429	A	2.751	0.09722	1.096
15	rs3922665	24141923	G	0.456	0.4767	A	2.944	0.08619	0.9203
15	rs8038700	24174134	G	0.1357	0.1501	A	2.837	0.09214	0.8889
15	rs2912600	24271636	G	0.1457	0.1283	A	4.565	0.03263	1.158
15	rs751994	24427342	A	0.3173	0.2938	G	4.591	0.03214	1.117
15	rs8024864	24548198	G	0.05366	0.04477	A	3.124	0.07713	1.21
15	rs17671490	24863836	A	0.05108	0.06194	C	3.561	0.05914	0.8154
15	rs3098592	25609083	C	0.05435	0.04538	A	3.13	0.07686	1.209
15	rs1107267	25645234	A	0.2495	0.2675	G	2.875	0.08997	0.9102
15	rs958076	25650782	G	0.08617	0.09994	A	3.684	0.05494	0.8493
15	rs4778179	25687195	G	0.1404	0.1219	A	5.403	0.0201	1.176
15	rs7179994	25997365	G	0.1646	0.1429	A	6.554	0.01047	1.182
15	rs7183262	27229817	A	0.3306	0.3617	C	7.239	0.007134	0.8716
15	rs11636674	27624166	A	0.3868	0.3623	C	4.434	0.03524	1.11
15	rs16955658	27755730	G	0.0383	0.04904	A	4.353	0.03695	0.7723
15	rs785440	27944053	G	0.07276	0.08621	A	4.025	0.04482	0.8317
15	rs785442	27947766	A	0.2461	0.2711	G	5.485	0.01918	0.8778
15	rs785429	27975524	A	0.1235	0.1016	G	8.875	0.002891	1.246
15	rs2049259	28038303	A	0.4422	0.4192	C	3.732	0.05339	1.098
15	rs1463408	29243936	G	0.2088	0.2338	A	6.065	0.01379	0.8647
15	rs17815869	29253123	A	0.08411	0.06877	G	6.194	0.01282	1.243
15	rs17228178	29257220	A	0.3099	0.2893	G	3.558	0.05926	1.103
15	rs1978801	29294328	A	0.4602	0.4823	G	3.365	0.0666	0.9152
15	rs2879262	29344873	A	0.2658	0.2414	G	5.517	0.01884	1.137
15	rs11070914	29377262	A	0.3936	0.3719	G	3.471	0.06245	1.096
15	rs11635997	30721385	G	0.4266	0.3996	A	5.214	0.02241	1.118
15	rs8023613	30739485	A	0.1981	0.2149	C	2.903	0.08841	0.9025
15	rs2123067	30879799	G	0.4508	0.4199	A	6.71	0.009586	1.134
15	rs1258791	30897246	A	0.09762	0.08464	G	3.696	0.05453	1.17
15	rs347931	30972569	A	0.4124	0.4328	G	2.899	0.08864	0.92
15	rs1122090	30984703	A	0.04541	0.05748	G	4.747	0.02934	0.7799
15	rs11072074	31020848	A	0.04649	0.05561	G	2.78	0.09547	0.8279
15	rs11633430	31375987	A	0.1472	0.132	G	3.439	0.06367	1.135
15	rs2676066	31379891	G	0.3218	0.3414	A	2.958	0.08543	0.9153
15	rs16969325	31403536	A	0.08514	0.09915	G	3.844	0.04993	0.8456
15	rs16969847	31425950	A	0.0418	0.05261	C	4.135	0.042	0.7855

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15	rs11630176	31458133	G	0.0532	0.06422	A	3.547	0.05966	0.8187
15	rs1878300	31475896	A	0.1658	0.1506	G	3.097	0.07845	1.121
15	rs16953863	31578535	G	0.0805	0.06601	A	5.748	0.01651	1.239
15	rs8041171	31653802	A	0.0418	0.03297	C	4.095	0.04301	1.279
15	rs16973062	31679589	G	0.05779	0.04617	A	5.161	0.02311	1.267
15	rs16957135	31724171	G	0.1042	0.09036	A	3.979	0.04608	1.171
15	rs8037864	31801713	C	0.2043	0.2208	A	2.729	0.09855	0.9064
15	rs2293028	31802205	A	0.2982	0.2778	G	3.565	0.05902	1.105
15	rs12911184	31886005	A	0.3064	0.3307	G	4.601	0.03195	0.8941
15	rs10519889	31964180	A	0.03151	0.04218	G	4.992	0.02546	0.7387
15	rs2705338	32157779	A	0.2076	0.2263	G	3.437	0.06374	0.8961
15	rs11639310	32209243	G	0.3084	0.2897	A	2.892	0.08902	1.093
15	rs11631094	32411730	A	0.3132	0.2945	C	2.91	0.08806	1.093
15	rs17817943	32728122	G	0.1125	0.1004	A	2.78	0.09548	1.136
15	rs11073055	32751250	C	0.05005	0.05976	A	2.941	0.08634	0.829
15	rs7176763	32859073	A	0.3538	0.3748	G	3.233	0.07219	0.9135
15	rs8032009	33103210	A	0.1032	0.1286	G	10.1	0.001479	0.7799
15	rs11854649	33268546	A	0.08023	0.0696	G	2.954	0.08565	1.166
15	rs10468084	33598308	G	0.04287	0.05311	A	3.666	0.05553	0.7986
15	rs4923689	33772980	A	0.1594	0.1745	G	2.732	0.09838	0.8974
15	rs16961623	33808912	G	0.08308	0.07256	A	2.792	0.09476	1.158
15	rs7167524	33813651	G	0.1727	0.1926	A	4.389	0.03616	0.8754
15	rs12439433	34007327	G	0.03616	0.0285	A	3.544	0.05975	1.279
15	rs1510385	34052139	C	0.4462	0.4842	A	9.983	0.00158	0.8581
15	rs17617168	34053018	A	0.1249	0.1393	G	3.016	0.08245	0.8818
15	rs1985983	34825783	A	0.2472	0.2243	C	5.134	0.02345	1.135
15	rs16964589	35123865	A	0.1331	0.1519	G	4.78	0.02879	0.8573
15	rs2271922	35188126	G	0.01445	0.02137	A	4.097	0.04296	0.6713
15	rs2203929	35243267	A	0.3091	0.3383	G	6.627	0.01004	0.8749
15	rs1401893	35314111	A	0.1515	0.1352	G	3.867	0.04926	1.142
15	rs16966411	36266622	A	0.1022	0.0864	G	5.339	0.02086	1.203
15	rs4567661	36573406	C	0.3283	0.357	A	6.174	0.01296	0.8806
15	rs4334257	36579118	A	0.2632	0.245	C	3.056	0.08045	1.101
15	rs2643208	36793090	G	0.3212	0.3436	A	3.808	0.051	0.9042
15	rs8024474	36799871	A	0.3426	0.316	G	5.641	0.01755	1.128
15	rs981820	36834091	A	0.2831	0.2644	G	3.079	0.0793	1.099
15	rs2047943	37305308	A	0.0718	0.06156	G	3.074	0.07957	1.179
15	rs4142520	37749679	G	0.05728	0.06766	A	2.996	0.08349	0.8372
15	rs12164905	38087983	A	0.1641	0.1794	C	2.786	0.09512	0.8976
15	rs711906	38112983	A	0.02083	0.02927	G	4.415	0.03563	0.7058
15	rs8043408	40007252	A	0.193	0.1766	G	3.172	0.07491	1.115
15	rs17687331	40008594	A	0.07482	0.08848	G	4.053	0.04409	0.8331
15	rs2447334	42266186	A	0.02425	0.03294	G	4.209	0.04021	0.7296
15	rs3759895	43331162	G	0.3395	0.3135	A	5.406	0.02007	1.126
15	rs9806699	43527684	A	0.3008	0.2806	G	3.411	0.06475	1.103
15	rs2463372	44007243	C	0.3137	0.3325	A	2.761	0.09659	0.9174

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15	rs1346952	44582115	A	0.305	0.2788	G	5.838	0.01569	1.135
15	rs8031322	44942842	G	0.2699	0.2884	A	2.899	0.08863	0.912
15	rs7178329	45381026	C	0.343	0.3721	A	6.239	0.0125	0.8811
15	rs281292	45470364	G	0.05377	0.04343	A	4.328	0.0375	1.252
15	rs1153820	45819258	G	0.03568	0.02512	A	7.501	0.006167	1.436
15	rs785016	45922856	A	0.3978	0.4256	G	5.452	0.01954	0.8917
15	rs509141	45993560	A	0.03898	0.04955	G	4.154	0.04154	0.7781
15	rs2433363	46139544	A	0.401	0.4245	G	3.887	0.04865	0.9076
15	rs8025278	46382484	C	0.04644	0.03816	A	3.148	0.07603	1.227
15	rs1426715	46529288	A	0.01653	0.02251	G	2.888	0.08927	0.7297
15	rs2278167	48285140	C	0.4391	0.4619	A	3.603	0.05768	0.9121
15	rs12913823	48296883	A	0.344	0.3657	G	3.506	0.06113	0.9096
15	rs7166052	48319763	A	0.02219	0.03097	G	4.57	0.03254	0.71
15	rs3959666	48352176	A	0.09689	0.08262	G	4.539	0.03313	1.191
15	rs2470176	49371231	G	0.1336	0.1477	A	2.745	0.09753	0.8899
15	rs3751591	49394002	G	0.1581	0.1741	A	3.097	0.07844	0.8908
15	rs2445743	49470345	A	0.2528	0.2312	G	4.496	0.03398	1.125
15	rs10518683	50441415	A	0.03973	0.04892	G	3.192	0.07399	0.8044
15	rs17614255	50562352	A	0.1042	0.09074	G	3.75	0.0528	1.166
15	rs4774633	50641946	A	0.1032	0.1248	G	7.465	0.006289	0.8073
15	rs476022	51324814	G	0.2037	0.2347	A	9.31	0.002279	0.8341
15	rs1607023	51553325	A	0.0258	0.03371	G	3.396	0.06535	0.7592
15	rs2459367	51824412	G	0.2307	0.2515	A	4.007	0.0453	0.8922
15	rs1478200	51948279	A	0.3914	0.3715	G	2.897	0.08876	1.088
15	rs2163196	52108868	A	0.06037	0.07046	G	2.719	0.09916	0.8477
15	rs7178355	52112066	G	0.3029	0.2796	A	4.606	0.03187	1.119
15	rs10162901	52114309	A	0.0743	0.08746	G	3.797	0.05134	0.8375
15	rs17237333	52294520	A	0.2386	0.2068	G	10.52	0.001184	1.202
15	rs17818362	52365853	G	0.05728	0.06792	A	3.139	0.07644	0.8337
15	rs11855187	52706831	A	0.1174	0.09815	G	6.982	0.008233	1.222
15	rs1392980	52896124	G	0.2404	0.2643	A	5.092	0.02403	0.8808
15	rs8040756	53585891	A	0.1656	0.1511	G	2.814	0.09343	1.115
15	rs9920680	53773093	G	0.09701	0.08565	A	2.803	0.09411	1.147
15	rs11071215	53860226	G	0.4272	0.4587	A	6.896	0.008639	0.8801
15	rs1509402	54117211	A	0.298	0.3174	G	3.006	0.08296	0.9129
15	rs12913391	54129728	A	0.1708	0.154	G	3.696	0.05456	1.131
15	rs1980243	54562095	A	0.4177	0.3794	G	10.65	0.001099	1.173
15	rs7164603	54562190	G	0.1058	0.1226	A	4.598	0.03201	0.8466
15	rs16976967	54612291	G	0.08566	0.09819	A	3.102	0.0782	0.8603
15	rs8034215	55521306	G	0.2441	0.2671	A	4.697	0.03021	0.886
15	rs2280065	55550032	A	0.141	0.1554	G	2.737	0.09807	0.8923
15	rs12442987	55701603	G	0.06133	0.072	A	2.965	0.08506	0.8421
15	rs1863401	55718067	A	0.1322	0.1552	G	7.005	0.00813	0.8297
15	rs11071341	55749152	A	0.04386	0.05269	G	2.74	0.09786	0.8248
15	rs7359330	55762323	A	0.1116	0.1386	G	10.72	0.001061	0.7807
15	rs7181032	55801999	G	0.06656	0.0811	A	4.98	0.02565	0.808

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15	rs16939816	56224638	G	0.03922	0.03181	A	2.998	0.08338	1.242
15	rs1122208	56410817	G	0.4231	0.4027	A	2.978	0.08442	1.088
15	rs7164909	56474046	A	0.1032	0.09158	G	2.765	0.09638	1.141
15	rs415799	56478046	A	0.4985	0.4749	G	3.825	0.05049	1.099
15	rs436965	56498946	G	0.03361	0.02526	A	4.713	0.02994	1.342
15	rs2242321	57253509	C	0.05971	0.071	A	3.371	0.06635	0.8309
15	rs17236557	57390290	A	0.08729	0.07667	C	2.707	0.09989	1.152
15	rs11071494	57972524	A	0.04438	0.05356	G	2.924	0.08725	0.8205
15	rs2970381	58006274	G	0.4123	0.4326	A	2.9	0.08856	0.9201
15	rs2970376	58024217	G	0.2368	0.22	A	2.805	0.09397	1.1
15	rs9920533	58460484	A	0.06553	0.07913	G	4.458	0.03473	0.816
15	rs961299	58841745	A	0.05934	0.07275	G	4.685	0.03043	0.8041
15	rs7164773	58855240	A	0.4643	0.4936	G	5.932	0.01487	0.889
15	rs12591848	58872985	A	0.1285	0.1115	C	4.969	0.02581	1.175
15	rs11632089	58934749	A	0.06302	0.07784	C	5.382	0.02035	0.7967
15	rs2306502	58938416	C	0.08368	0.07303	A	2.843	0.09179	1.159
15	rs7168782	58978909	A	0.1544	0.1712	C	3.442	0.06355	0.8842
15	rs11634318	59008974	A	0.07076	0.0582	C	4.851	0.02763	1.232
15	rs4350520	59364409	C	0.4437	0.4228	A	3.078	0.07936	1.089
15	rs4349085	59435120	C	0.221	0.2431	A	4.609	0.0318	0.8831
15	rs1425268	59889274	G	0.07261	0.06201	A	3.265	0.07076	1.184
15	rs1436953	60201306	G	0.4746	0.4396	A	8.582	0.003396	1.152
15	rs4775470	60203877	A	0.1099	0.1236	G	3.038	0.08132	0.8751
15	rs290312	60448686	A	0.314	0.3335	G	2.951	0.08585	0.9149
15	rs4775501	60512317	A	0.1364	0.1214	G	3.598	0.05786	1.143
15	rs3803497	60841150	G	0.05062	0.06024	A	2.866	0.09048	0.8318
15	rs4405494	61069159	G	0.04747	0.03899	A	3.234	0.07212	1.228
15	rs809926	61480547	G	0.1692	0.191	A	5.351	0.0207	0.8627
15	rs12901218	62057241	G	0.1311	0.1481	A	3.999	0.04553	0.8678
15	rs16953514	62572511	G	0.03044	0.03873	A	3.256	0.07117	0.7793
15	rs1719271	62970854	G	0.1364	0.1544	A	4.333	0.03738	0.8648
15	rs4776735	64199284	A	0.2849	0.2655	G	3.306	0.06903	1.102
15	rs7175296	64268403	G	0.0501	0.06112	A	3.717	0.05385	0.8102
15	rs4776292	64300867	A	0.2893	0.3095	G	3.323	0.06832	0.9079
15	rs2469109	64740659	C	0.1914	0.173	A	4.048	0.04423	1.132
15	rs2414916	64889788	G	0.03977	0.02951	A	6.108	0.01346	1.362
15	rs893473	65225145	A	0.1821	0.1993	G	3.192	0.074	0.8949
15	rs1982647	65943109	A	0.2815	0.2514	G	8.161	0.00428	1.167
15	rs16951524	66041595	A	0.1071	0.09348	G	3.739	0.05315	1.164
15	rs7172340	66367855	G	0.0418	0.0341	A	3.029	0.08179	1.235
15	rs11637293	66503621	A	0.2381	0.2607	G	4.57	0.03253	0.8865
15	rs990751	66568394	G	0.4794	0.4567	A	3.576	0.05863	1.095
15	rs7173622	66647821	A	0.06101	0.05186	G	2.879	0.08976	1.188
15	rs937098	66681613	A	0.1429	0.1273	G	3.741	0.0531	1.143
15	rs2134927	67558955	G	0.281	0.3028	A	3.892	0.04853	0.8999
15	rs386825	67972465	A	0.2497	0.2673	G	2.737	0.09805	0.9123

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15	rs16953914	67982072	G	0.05711	0.07523	A	8.288	0.00399	0.7446
15	rs1320205	68037936	G	0.07688	0.09249	A	5.091	0.02405	0.8172
15	rs2415071	68058951	G	0.3498	0.3789	A	6.215	0.01266	0.882
15	rs939042	68075661	A	0.4096	0.3842	G	4.7	0.03016	1.112
15	rs10518902	68527051	G	0.08411	0.07258	A	3.35	0.06719	1.173
15	rs10518941	69350055	G	0.05779	0.04802	A	3.532	0.06018	1.216
15	rs4777391	69529460	A	0.456	0.4819	C	4.598	0.03201	0.9015
15	rs6494934	69530637	A	0.2792	0.3043	G	5.185	0.02278	0.8853
15	rs950667	69708689	G	0.3373	0.3572	A	2.977	0.08445	0.916
15	rs950668	69708893	A	0.4443	0.472	G	5.322	0.02106	0.8943
15	rs17753089	70667728	A	0.3607	0.3358	G	4.765	0.02905	1.116
15	rs4887161	71853609	G	0.4225	0.3971	A	4.647	0.03111	1.111
15	rs13638	71968591	G	0.1615	0.1471	A	2.822	0.09301	1.117
15	rs7173049	72031663	G	0.2083	0.2254	A	2.889	0.08919	0.9043
15	rs8039584	72093019	A	0.04735	0.03698	G	5.022	0.02502	1.294
15	rs1561893	73058181	A	0.03922	0.04922	G	3.767	0.05226	0.7885
15	rs4886651	73131504	G	0.04649	0.05781	A	4.14	0.04187	0.7946
15	rs2899793	73247816	G	0.3674	0.3885	A	3.248	0.0715	0.914
15	rs10851885	74091558	G	0.2255	0.2524	A	6.697	0.00966	0.8621
15	rs1079396	76217217	G	0.2198	0.2017	A	3.509	0.06105	1.115
15	rs1373202	77108843	A	0.388	0.417	C	5.955	0.01468	0.8866
15	rs734446	77115237	A	0.2526	0.2354	G	2.81	0.09368	1.098
15	rs7171473	77270126	C	0.1722	0.1911	A	4.024	0.04485	0.8804
15	rs1361089	77617585	A	0.1012	0.1146	G	3.086	0.07894	0.8699
15	rs10519281	78193051	A	0.0605	0.07114	G	2.994	0.08356	0.8408
15	rs4384570	78339535	G	0.08359	0.09771	A	3.956	0.04671	0.8423
15	rs1347648	78346002	A	0.4212	0.4425	G	3.161	0.0754	0.9169
15	rs12913581	78369867	G	0.05556	0.07428	A	8.977	0.002733	0.7331
15	rs10431813	78498808	A	0.2606	0.2415	G	3.42	0.0644	1.107
15	rs2660992	78849767	A	0.04954	0.06236	C	4.96	0.02594	0.7836
15	rs1385087	78870270	G	0.06936	0.05917	A	3.154	0.07575	1.185
15	rs7174938	79115423	G	0.5088	0.4758	A	7.517	0.006112	1.141
15	rs12902481	80107203	A	0.09721	0.07925	G	7.441	0.006376	1.251
15	rs2665110	80201295	A	0.37	0.3463	G	4.26	0.03902	1.109
15	rs9972386	80241338	G	0.03509	0.04337	A	2.909	0.08806	0.8021
15	rs17358518	81304431	G	0.1517	0.1338	A	4.726	0.02972	1.158
15	rs17509779	81782295	G	0.1482	0.1339	A	3.025	0.08197	1.126
15	rs17158916	81957605	G	0.03973	0.05038	A	4.178	0.04096	0.78
15	rs17584591	81982340	G	0.1832	0.2014	A	3.583	0.05837	0.8893
15	rs17601226	83169055	G	0.0418	0.03339	A	3.681	0.05505	1.263
15	rs11073854	83314271	A	0.3044	0.284	C	3.519	0.06068	1.103
15	rs7180790	84183163	A	0.05315	0.04248	G	4.701	0.03015	1.265
15	rs16977928	85028676	C	0.08514	0.06983	A	6.091	0.01358	1.24
15	rs1869184	85076184	A	0.322	0.3409	G	2.745	0.09756	0.9183
15	rs11073674	85162986	A	0.4567	0.4368	G	2.757	0.09685	1.084
15	rs12440042	85204335	G	0.03922	0.04846	A	3.263	0.07086	0.8014

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15	rs3870431	85696599	C	0.2851	0.3041	A	2.943	0.08624	0.9127
15	rs17656890	85778265	A	0.09649	0.08228	G	4.534	0.03323	1.191
15	rs8041239	86276360	G	0.1868	0.2076	A	4.566	0.03262	0.8769
15	rs12899101	86628576	G	0.323	0.3007	A	4.071	0.04362	1.11
15	rs1530309	86640008	A	0.0698	0.05704	G	5.1	0.02393	1.241
15	rs6496475	86699673	G	0.2086	0.1918	A	3.119	0.07739	1.111
15	rs8031603	86726709	G	0.02012	0.02906	A	5.049	0.02464	0.6862
15	rs8042040	86729196	A	0.08359	0.09799	G	4.106	0.04272	0.8397
15	rs11637983	86920425	A	0.08471	0.07308	G	3.386	0.06573	1.174
15	rs3743473	86975052	A	0.06244	0.07503	G	4.014	0.04511	0.8209
15	rs11632435	87148331	G	0.09288	0.1053	A	2.859	0.09084	0.8699
15	rs11633371	87157836	A	0.4417	0.47	C	5.572	0.01824	0.892
15	rs3176208	87665767	C	0.113	0.09964	A	3.388	0.06568	1.151
15	rs7178909	88248950	G	0.4028	0.3809	A	3.495	0.06155	1.096
15	rs9972327	88431896	A	0.1858	0.202	C	2.859	0.09089	0.901
15	rs8033595	88884357	G	0.4638	0.444	A	2.731	0.09844	1.083
15	rs7178587	88978002	G	0.05986	0.04732	A	5.857	0.01552	1.282
15	rs8030486	89038235	A	0.2415	0.2192	G	4.988	0.02553	1.134
15	rs12438149	89703183	A	0.4912	0.4591	G	7.153	0.007486	1.138
15	rs6496836	89934745	G	0.05895	0.06964	A	3.088	0.07888	0.8368
15	rs10438441	90663621	A	0.2663	0.2848	G	2.938	0.0865	0.9111
15	rs4777996	90838766	G	0.3019	0.2699	A	8.867	0.002904	1.17
15	rs8033207	90865328	A	0.4514	0.4743	G	3.629	0.0568	0.9119
15	rs1496721	90874845	A	0.1321	0.1172	C	3.66	0.05572	1.147
15	rs11634022	91367415	C	0.1333	0.1538	A	5.675	0.01721	0.8457
15	rs8037591	91503888	A	0.3277	0.3549	G	5.632	0.01764	0.8857
15	rs1006694	91649301	C	0.1551	0.1729	A	3.844	0.04993	0.8782
15	rs2128765	91686112	G	0.2116	0.1944	A	3.214	0.07303	1.112
15	rs11853122	91717396	A	0.09391	0.08167	G	3.397	0.06532	1.165
15	rs11856891	91770296	C	0.114	0.138	A	8.482	0.003588	0.8038
15	rs10520731	91810520	G	0.131	0.1148	A	4.374	0.03648	1.162
15	rs4267258	92016291	A	0.1818	0.162	C	4.922	0.02652	1.149
15	rs4335731	92233250	A	0.1293	0.1122	G	4.942	0.02621	1.174
15	rs4492997	92377413	G	0.09701	0.1111	A	3.518	0.06072	0.8594
15	rs1479827	92417434	G	0.06663	0.05431	A	4.978	0.02568	1.243
15	rs1479833	92451647	A	0.1536	0.1684	G	2.728	0.09859	0.8959
15	rs2605119	92503516	C	0.1512	0.1333	A	4.701	0.03014	1.158
15	rs17630857	92721483	A	0.2174	0.1987	G	3.766	0.05229	1.121
15	rs7180682	92746708	G	0.3787	0.4091	A	6.593	0.01024	0.8806
15	rs1433939	92769223	G	0.2949	0.3204	A	5.151	0.02324	0.8873
15	rs17549574	92797554	G	0.1245	0.1096	A	3.84	0.05004	1.155
15	rs12593408	92923138	G	0.09401	0.08021	A	4.376	0.03645	1.19
15	rs4381545	93039961	G	0.2041	0.1861	A	3.682	0.055	1.122
15	rs9919995	93085165	C	0.3901	0.3696	A	3.11	0.07782	1.091
15	rs8037584	93115643	G	0.1543	0.1353	A	5.229	0.02221	1.166
15	rs1026453	93377084	A	0.2577	0.2402	G	2.88	0.08971	1.098

GNE_0369PR_TableS1									
15	rs7177948	93511754	C	0.2882	0.3077	A	3.089	0.07883	0.9108
15	rs748095	93625432	A	0.1216	0.1383	C	4.06	0.04391	0.8627
15	rs7180301	93888532	G	0.4003	0.4226	A	3.513	0.06089	0.9121
15	rs17501060	93894931	A	0.2688	0.2512	G	2.844	0.09169	1.096
15	rs8029103	93932614	G	0.4001	0.3801	A	2.908	0.08815	1.088
15	rs964330	94382740	G	0.3275	0.3087	A	2.85	0.09136	1.091
15	rs11073455	94384737	A	0.06133	0.0497	G	4.793	0.02858	1.249
15	rs8033463	94407373	A	0.2121	0.2289	G	2.779	0.09549	0.9068
15	rs4984494	94420861	C	0.4778	0.4554	A	3.486	0.0619	1.094
15	rs7182127	94440267	G	0.0227	0.02931	A	2.715	0.09941	0.7693
15	rs2278510	94529861	A	0.3802	0.4043	G	4.173	0.04107	0.9037
15	rs11857420	94607651	A	0.2068	0.1817	G	7.201	0.007286	1.174
15	rs1437755	94844993	A	0.2183	0.201	G	3.179	0.0746	1.11
15	rs4965140	95203295	A	0.0418	0.05134	C	3.288	0.06979	0.8061
15	rs4542626	95322941	G	0.1058	0.1201	A	3.387	0.06569	0.8666
15	rs12442098	95385874	A	0.1042	0.09182	G	3.084	0.07905	1.15
15	rs11073519	95417440	A	0.2619	0.2406	G	4.249	0.03926	1.12
15	rs12594335	95576730	C	0.4347	0.4146	A	2.856	0.09102	1.086
15	rs12900839	95609736	C	0.4068	0.3811	A	4.803	0.02841	1.114
15	rs4965176	95665567	A	0.09058	0.1069	G	4.876	0.02724	0.8321
15	rs987737	95994104	G	0.1276	0.1133	A	3.443	0.06351	1.144
15	rs11634680	96494081	C	0.4608	0.4843	A	3.819	0.05066	0.91
15	rs12438597	96497162	G	0.1756	0.1539	A	6.138	0.01323	1.171
15	rs4965520	96525461	A	0.07668	0.06209	G	6.143	0.01319	1.255
15	rs8036639	96536631	A	0.07851	0.06726	G	3.418	0.06447	1.182
15	rs8042984	96714385	A	0.2009	0.1777	G	6.285	0.01217	1.163
15	rs11247311	96732807	A	0.1899	0.2132	G	5.646	0.01749	0.8649
15	rs933810	96873690	A	0.1068	0.1207	G	3.173	0.07489	0.8711
15	rs8027826	97803173	G	0.2743	0.2966	A	4.13	0.04214	0.8964
15	rs11853793	98101276	A	0.05005	0.06114	G	3.766	0.05231	0.8091
15	rs11855477	98202923	A	0.1123	0.1003	G	2.738	0.09799	1.135
15	rs4965266	98223699	C	0.1078	0.09572	A	2.85	0.09136	1.142
15	rs8037201	98517824	G	0.3024	0.3328	A	7.222	0.007202	0.869
15	rs9806684	98518677	C	0.3566	0.4059	A	17.47	2.926e-05	0.8112
15	rs8035836	98560309	A	0.1496	0.1675	G	3.982	0.04599	0.8746
15	rs4572372	98563517	A	0.2466	0.2209	C	6.588	0.01026	1.155
15	rs12324301	98604016	A	0.2141	0.1915	G	5.626	0.0177	1.15
15	rs1002941	99060213	G	0.2865	0.2682	A	2.889	0.08921	1.095
15	rs3803424	99273034	G	0.4437	0.4241	A	2.72	0.09912	1.083
15	rs4075387	99297554	C	0.2211	0.2397	A	3.293	0.06959	0.9003
15	rs11247251	99365154	A	0.09049	0.106	G	4.433	0.03525	0.8391
15	rs12903939	99458557	A	0.3111	0.3302	G	2.841	0.0919	0.9161
15	rs2045160	99507448	A	0.1194	0.1049	G	3.852	0.04969	1.158
15	rs2016395	99512552	G	0.4292	0.4084	A	3.101	0.07822	1.09
15	rs2012387	99551603	A	0.1259	0.1086	G	5.24	0.02207	1.182
15	rs2277593	99682520	A	0.14	0.1562	G	3.458	0.06296	0.8795

GNE_0369PR_TableS1									
15	rs3784491	99737809	G	0.1613	0.1769	A	2.903	0.08844	0.8948
15	rs3784463	99762482	A	0.2831	0.3168	G	9.107	0.002546	0.8515
15	rs11853956	99830470	A	0.2105	0.1886	C	5.366	0.02054	1.147
15	rs7165891	99838011	A	0.07637	0.06245	C	5.579	0.01818	1.241
16	rs12102635	740822	G	0.3354	0.3558	A	3.156	0.07566	0.9135
16	rs9927989	1237146	A	0.3181	0.2944	C	4.638	0.03127	1.118
16	rs4786772	1472838	G	0.2528	0.277	A	5.068	0.02438	0.8832
16	rs8063461	2055820	A	0.3698	0.3976	G	5.548	0.0185	0.8891
16	rs7190284	2056084	C	0.04855	0.04052	A	2.806	0.09392	1.208
16	rs11867129	2305289	A	0.1105	0.09821	C	2.924	0.08729	1.141
16	rs8054377	2829405	G	0.3554	0.3359	A	2.92	0.08747	1.09
16	rs7184777	2950511	G	0.2626	0.286	A	4.647	0.0311	0.8891
16	rs220381	3284619	G	0.3617	0.332	A	6.856	0.008835	1.14
16	rs17794023	3524180	A	0.09649	0.08442	G	3.209	0.07323	1.158
16	rs879150	4190893	A	0.1269	0.1433	C	3.797	0.05136	0.8693
16	rs17136872	4193035	G	0.2229	0.2029	A	4.242	0.03943	1.127
16	rs8046435	4208899	A	0.4443	0.4732	G	5.778	0.01623	0.8902
16	rs8063084	4476556	A	0.04184	0.03427	G	2.912	0.08792	1.23
16	rs8063238	5262932	A	0.3671	0.3406	G	5.383	0.02033	1.123
16	rs538835	5441937	C	0.1503	0.165	A	2.711	0.09967	0.8954
16	rs12932771	5496610	A	0.06715	0.0786	G	3.165	0.07521	0.8439
16	rs1898225	5860512	A	0.1049	0.1198	C	3.687	0.05484	0.8608
16	rs4786794	5935389	A	0.3636	0.3406	C	4.049	0.04419	1.106
16	rs1076382	5963324	G	0.0227	0.03277	A	5.705	0.01692	0.6856
16	rs9935090	5967427	A	0.1883	0.2046	G	2.832	0.09241	0.9019
16	rs11076998	5994843	A	0.09288	0.07861	G	4.766	0.02902	1.2
16	rs12918809	6023611	A	0.2128	0.2295	C	2.744	0.0976	0.9074
16	rs17139226	6029496	A	0.09701	0.07999	C	6.644	0.00995	1.236
16	rs1035564	6050548	G	0.4157	0.3943	A	3.301	0.06925	1.093
16	rs8052564	6055383	A	0.1022	0.09022	C	2.964	0.08513	1.148
16	rs1946127	6181184	G	0.4184	0.3866	A	7.283	0.006961	1.141
16	rs11077030	6300618	G	0.07231	0.0606	A	4.074	0.04354	1.208
16	rs17139941	6352866	A	0.1803	0.198	G	3.432	0.06396	0.8908
16	rs2907823	6507748	A	0.4044	0.3821	G	3.623	0.05698	1.098
16	rs17140449	6507988	A	0.09049	0.1032	C	3.047	0.08087	0.8645
16	rs17540794	6509373	G	0.3697	0.3494	A	3.092	0.07867	1.092
16	rs12596261	6591543	G	0.09938	0.1148	A	4.068	0.04371	0.851
16	rs10163423	6784096	G	0.07069	0.06068	A	2.984	0.0841	1.178
16	rs4129925	6828836	A	0.09443	0.1078	G	3.237	0.07199	0.8632
16	rs7201125	6837766	A	0.0712	0.05789	G	5.411	0.02001	1.248
16	rs3963484	6871015	A	0.193	0.1775	G	2.812	0.09356	1.108
16	rs11864504	6980831	A	0.0516	0.06178	G	3.138	0.07648	0.8262
16	rs1478702	7086478	A	0.3787	0.3561	G	3.849	0.04978	1.102
16	rs8061968	7150394	G	0.4328	0.404	A	5.891	0.01522	1.125
16	rs10852681	7254704	G	0.08997	0.1022	A	2.842	0.09181	0.8684
16	rs8055842	7456831	A	0.04184	0.05176	G	3.528	0.06034	0.7999

GNE_0369PR_TableS1									
16	rs3785215	7656903	A	0.1813	0.1628	G	4.303	0.03805	1.139
16	rs7193013	8016009	G	0.4389	0.3998	A	10.84	0.0009956	1.174
16	rs7193708	8024801	G	0.07944	0.06794	A	3.523	0.06051	1.184
16	rs4787180	8317168	A	0.2015	0.1829	G	3.915	0.04785	1.127
16	rs12447938	8382527	G	0.07593	0.09158	A	5.162	0.02309	0.8151
16	rs7500432	8386818	C	0.3545	0.38	A	4.789	0.02864	0.8959
16	rs9934899	8410583	G	0.03973	0.05228	A	5.621	0.01775	0.7501
16	rs9937726	8774083	A	0.04386	0.05291	G	2.869	0.09031	0.8212
16	rs12923049	8975803	G	0.4922	0.4723	A	2.723	0.09889	1.083
16	rs12598159	9381557	G	0.2097	0.2313	A	4.567	0.0326	0.8817
16	rs12443711	9540948	A	0.1668	0.1445	G	6.872	0.008755	1.186
16	rs2080273	9567085	A	0.2952	0.2758	G	3.228	0.07241	1.1
16	rs2192635	9597530	C	0.2039	0.185	A	4.063	0.04384	1.129
16	rs2314978	9607986	G	0.05521	0.07107	A	6.721	0.00953	0.7639
16	rs6497864	10268124	G	0.3111	0.2846	A	5.875	0.01536	1.135
16	rs8061337	10331170	A	0.2606	0.2433	G	2.786	0.0951	1.096
16	rs12598337	10348305	G	0.07843	0.09546	A	5.895	0.01519	0.8065
16	rs4780954	10589498	A	0.3812	0.4074	G	4.924	0.02649	0.896
16	rs17684113	10594694	C	0.0817	0.1011	A	7.249	0.007093	0.7913
16	rs4073955	10837672	A	0.3292	0.3511	G	3.634	0.05663	0.9071
16	rs11647724	11202749	A	0.2575	0.2365	G	4.185	0.04078	1.12
16	rs193772	11206578	A	0.1184	0.1327	G	3.081	0.07922	0.8779
16	rs152306	11214137	A	0.2407	0.2594	G	3.169	0.07506	0.9047
16	rs4076823	11389346	A	0.1682	0.1857	G	3.518	0.06071	0.8868
16	rs11646835	11520670	A	0.2785	0.3008	G	4.081	0.04336	0.8973
16	rs937964	12159902	G	0.0774	0.09152	A	4.2	0.04043	0.8328
16	rs4781196	12211044	C	0.09246	0.07835	A	4.666	0.03076	1.198
16	rs752527	12491562	G	0.08875	0.07783	A	2.826	0.09275	1.154
16	rs4781390	13056465	A	0.1821	0.1986	C	2.988	0.0839	0.8979
16	rs251919	13106359	A	0.2495	0.2326	G	2.727	0.09866	1.097
16	rs401326	13114825	G	0.4209	0.445	A	4.066	0.04375	0.9063
16	rs8056716	13551475	A	0.3648	0.3897	G	4.519	0.03351	0.8993
16	rs2001025	13566007	A	0.2497	0.2318	G	3.086	0.07895	1.103
16	rs2866850	13786628	G	0.06094	0.07384	A	4.236	0.03957	0.8139
16	rs7198922	13800306	G	0.32	0.2989	A	3.651	0.05604	1.104
16	rs12599691	14040652	G	0.3963	0.4177	A	3.26	0.07099	0.9151
16	rs16963706	14372039	G	0.05315	0.06277	A	2.759	0.09671	0.8381
16	rs13335375	15926090	A	0.1047	0.0897	G	4.706	0.03006	1.187
16	rs152033	16024772	A	0.08411	0.1001	G	4.97	0.02579	0.8257
16	rs246227	16043648	G	0.09185	0.07936	A	3.621	0.05706	1.173
16	rs11864374	16109386	A	0.2363	0.2546	G	3.055	0.08046	0.906
16	rs2299670	16128359	G	0.3571	0.3314	A	5.108	0.02382	1.12
16	rs11641196	16786230	A	0.08729	0.07584	G	3.173	0.07488	1.165
16	rs2890050	16832172	G	0.1192	0.1338	A	3.211	0.07313	0.876
16	rs1463462	17161560	G	0.3683	0.3414	A	5.53	0.01869	1.125
16	rs722074	17241872	G	0.4902	0.4665	A	3.894	0.04846	1.1

GNE_0369PR_TableS1									
16	rs12447875	17291625	A	0.1204	0.1358	G	3.558	0.05926	0.8704
16	rs4238646	17550879	G	0.2417	0.2227	A	3.589	0.05817	1.113
16	rs11860965	17724481	A	0.1372	0.1553	G	4.353	0.03695	0.8648
16	rs9938775	19054779	A	0.08729	0.1047	G	5.643	0.01752	0.8181
16	rs8049015	19300744	A	0.2074	0.186	C	5.201	0.02258	1.146
16	rs2285661	19459273	G	0.06101	0.07287	A	3.645	0.05623	0.8267
16	rs2147865	19950831	G	0.2874	0.3061	A	2.854	0.09117	0.9142
16	rs2608171	19954431	G	0.02896	0.04108	A	6.631	0.01002	0.6961
16	rs9302384	20173674	G	0.02064	0.03201	A	7.48	0.006238	0.6373
16	rs7185940	20317989	A	0.3003	0.2807	G	3.273	0.07044	1.1
16	rs11859731	21101588	G	0.0934	0.07969	A	4.346	0.03709	1.19
16	rs741720	21147979	A	0.4143	0.3944	G	2.867	0.0904	1.086
16	rs3759992	21573817	A	0.2528	0.2325	G	3.969	0.04636	1.117
16	rs12930464	22217376	G	0.2534	0.2242	A	8.348	0.003862	1.174
16	rs2347	22227018	C	0.04545	0.06027	A	6.855	0.008839	0.7424
16	rs8056745	22717477	G	0.2124	0.1965	A	2.733	0.09827	1.103
16	rs7198577	22766504	A	0.3688	0.3491	G	2.949	0.08595	1.09
16	rs17199565	23181205	G	0.0999	0.08404	A	5.514	0.01887	1.21
16	rs152745	23273923	A	0.3658	0.3898	G	4.172	0.0411	0.9031
16	rs9924599	23480607	A	0.02438	0.03398	G	4.971	0.02578	0.7104
16	rs11645672	23793341	C	0.08678	0.07351	A	4.376	0.03645	1.198
16	rs9937112	24037686	A	0.08978	0.07871	G	2.874	0.09001	1.155
16	rs198182	24039886	G	0.2342	0.2127	A	4.731	0.02963	1.132
16	rs2238510	24228688	A	0.2474	0.272	G	5.308	0.02123	0.8798
16	rs2560917	24404178	A	0.1538	0.1704	G	3.415	0.0646	0.8845
16	rs11649538	24415618	A	0.3657	0.344	G	3.572	0.05878	1.099
16	rs11649654	25035236	A	0.1418	0.1279	G	2.926	0.08717	1.127
16	rs8054276	25237330	A	0.04395	0.05394	G	3.433	0.06391	0.8063
16	rs4238915	25643984	A	0.2255	0.2073	C	3.443	0.0635	1.113
16	rs4073229	25902919	A	0.345	0.3085	G	10.73	0.001053	1.181
16	rs4559915	25959733	A	0.1441	0.1586	G	2.745	0.09755	0.8931
16	rs17626152	26135701	A	0.1125	0.09725	C	4.495	0.03399	1.177
16	rs9927531	26442347	A	0.168	0.1537	C	2.711	0.09965	1.112
16	rs1363766	26486871	A	0.07018	0.05997	G	3.132	0.07679	1.183
16	rs237179	26570108	A	0.2936	0.2757	G	2.75	0.09723	1.092
16	rs7195544	26899572	G	0.411	0.436	A	4.399	0.03595	0.9024
16	rs982205	27306957	C	0.2022	0.1794	A	5.977	0.0145	1.159
16	rs3093315	27351531	A	0.4669	0.4445	C	3.512	0.06094	1.095
16	rs12925538	27809788	A	0.05108	0.04123	G	4.131	0.04209	1.252
16	rs16977076	27875165	G	0.1228	0.1421	A	5.346	0.02077	0.8451
16	rs7197877	27917717	G	0.226	0.2051	A	4.569	0.03255	1.132
16	rs7201505	27979454	A	0.2034	0.1845	G	4.042	0.04439	1.129
16	rs13338835	28233441	A	0.3215	0.2975	C	4.7	0.03017	1.118
16	rs4787483	29792948	G	0.3555	0.3268	A	6.409	0.01135	1.136
16	rs17519579	31638026	A	0.1171	0.1345	G	4.519	0.03352	0.8538
16	rs8056358	31837526	A	0.0258	0.03389	G	3.541	0.05987	0.7549

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16	rs7500616	31854742	A	0.0289	0.03682	G	3.125	0.07712	0.7784
16	rs17728589	45199510	A	0.08738	0.07099	G	6.853	0.008851	1.253
16	rs888339	46498606	A	0.3776	0.4005	G	3.788	0.05162	0.9079
16	rs6500387	46509288	A	0.05315	0.04486	C	2.71	0.09969	1.195
16	rs519236	46624251	A	0.07903	0.09212	G	3.584	0.05833	0.8457
16	rs8053839	46948013	C	0.4484	0.4725	A	4.032	0.04463	0.9074
16	rs2355311	47379041	A	0.2814	0.2624	C	3.203	0.07352	1.101
16	rs12928871	47640431	G	0.08178	0.09649	A	4.334	0.03735	0.834
16	rs11647741	47840106	G	0.07386	0.05695	A	8.905	0.002845	1.321
16	rs41204	47860010	C	0.3545	0.3332	A	3.512	0.06091	1.099
16	rs12931576	47924207	A	0.1006	0.08162	G	8.124	0.004369	1.259
16	rs36510	47928444	A	0.3492	0.3276	G	3.633	0.05663	1.101
16	rs9302741	48313654	A	0.02838	0.03698	G	3.674	0.05526	0.7606
16	rs2242466	48438215	G	0.2328	0.2647	A	9.025	0.002663	0.843
16	rs9922362	48913242	A	0.2461	0.2659	G	3.465	0.06268	0.9015
16	rs1976113	49573155	A	0.4071	0.3859	G	3.265	0.07079	1.093
16	rs1826824	49696846	A	0.2025	0.1853	G	3.341	0.06759	1.116
16	rs16950416	50389055	A	0.06966	0.08095	G	2.998	0.08339	0.8501
16	rs11863574	50553993	A	0.02116	0.02901	C	3.892	0.04852	0.7234
16	rs8046731	50900420	A	0.3277	0.3075	G	3.264	0.07082	1.097
16	rs4784165	50905320	C	0.2404	0.2656	A	5.605	0.01791	0.8752
16	rs12927817	50931199	G	0.1656	0.1824	A	3.268	0.07063	0.8898
16	rs6498990	51232553	G	0.2107	0.1945	A	2.891	0.0891	1.106
16	rs12324961	51239640	G	0.1517	0.1687	A	3.587	0.05824	0.8812
16	rs11645369	51507565	G	0.2632	0.2459	A	2.75	0.09727	1.095
16	rs3743771	51915940	G	0.3101	0.2907	A	3.131	0.07683	1.097
16	rs8044769	52396636	A	0.4644	0.4843	G	2.735	0.09816	0.9233
16	rs16952686	52547174	G	0.05119	0.06703	A	7.082	0.007787	0.7509
16	rs8060235	52823266	A	0.3968	0.423	G	4.844	0.02774	0.8975
16	rs933518	53079622	A	0.08411	0.0732	G	2.981	0.08426	1.163
16	rs12325243	53300019	A	0.2152	0.1904	G	6.766	0.009292	1.165
16	rs9929251	53305341	G	0.2817	0.2999	A	2.733	0.0983	0.9155
16	rs4435250	53414172	A	0.1824	0.1664	G	3.135	0.07664	1.117
16	rs13333707	53676299	A	0.3834	0.3608	G	3.801	0.05124	1.101
16	rs2589010	53780647	A	0.225	0.2048	G	4.284	0.03848	1.127
16	rs16954506	53801415	A	0.03148	0.04147	C	4.449	0.03493	0.7512
16	rs4500724	54240878	A	0.3065	0.2844	G	4.114	0.04252	1.112
16	rs3785143	54252607	A	0.08462	0.09655	G	2.849	0.09142	0.865
16	rs36023	54264755	A	0.4205	0.3886	G	7.337	0.006756	1.141
16	rs899236	54910406	A	0.2366	0.2149	G	4.737	0.02951	1.132
16	rs1001362	55232359	A	0.1558	0.1323	G	8.213	0.004159	1.211
16	rs8064100	55282674	G	0.4427	0.4142	A	5.758	0.01641	1.123
16	rs4538013	55296627	A	0.3667	0.3907	G	4.161	0.04137	0.9032
16	rs17367381	55495635	A	0.03464	0.04431	G	3.892	0.04852	0.7739
16	rs1532624	55562980	A	0.4563	0.433	C	3.796	0.05136	1.099
16	rs7499892	55564091	A	0.1496	0.1746	G	7.558	0.005974	0.8318

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16	rs12720917	55576893	G	0.1756	0.1528	A	6.815	0.009038	1.181
16	rs17369578	55589312	A	0.0563	0.04433	G	5.669	0.01727	1.286
16	rs8046668	55854965	G	0.1379	0.1222	A	3.935	0.04729	1.15
16	rs7202742	55876980	A	0.3437	0.312	G	7.981	0.004728	1.154
16	rs8054916	56089134	G	0.2895	0.3162	A	5.74	0.01658	0.8809
16	rs8045257	56257970	G	0.4554	0.4878	A	7.194	0.007316	0.8783
16	rs9928234	56484458	C	0.04386	0.05452	A	3.883	0.04877	0.7955
16	rs8053127	57074589	A	0.05108	0.04127	G	4.093	0.04305	1.25
16	rs6499969	57291708	G	0.3122	0.3384	A	5.34	0.02084	0.8871
16	rs9939788	57478531	G	0.02993	0.02245	A	4.249	0.03928	1.344
16	rs8055101	57577943	A	0.07224	0.06076	G	3.909	0.04802	1.204
16	rs10500411	57768958	A	0.07696	0.06571	G	3.493	0.06164	1.185
16	rs11649592	57880526	G	0.1307	0.117	A	3.08	0.07925	1.134
16	rs8062158	57984415	G	0.03096	0.02385	A	3.625	0.05693	1.307
16	rs16961233	58250127	A	0.04025	0.02877	G	7.806	0.005208	1.416
16	rs1596728	58434807	G	0.05882	0.07524	A	6.837	0.008929	0.7681
16	rs11639964	58853949	G	0.1029	0.09031	A	3.277	0.07028	1.155
16	rs9939722	58862181	A	0.2193	0.2413	G	4.587	0.03221	0.8833
16	rs8050802	59218347	G	0.4969	0.4718	A	4.354	0.03693	1.106
16	rs8047380	59270868	A	0.1317	0.1115	G	6.968	0.008298	1.208
16	rs6500140	59289032	A	0.3306	0.312	G	2.748	0.09739	1.089
16	rs1500349	59536569	A	0.0171	0.02659	G	6.224	0.01261	0.6367
16	rs8063879	59574180	A	0.0264	0.0342	G	3.252	0.07134	0.7656
16	rs4784152	60297390	G	0.1005	0.116	A	4.07	0.04365	0.8516
16	rs17248940	60324113	A	0.06366	0.05249	C	4.229	0.03974	1.227
16	rs4485351	60327040	C	0.3196	0.2994	A	3.307	0.06897	1.099
16	rs17822894	60469996	A	0.044	0.0313	G	8.774	0.003056	1.424
16	rs10500463	60908705	A	0.2389	0.2161	G	5.271	0.02169	1.139
16	rs1974898	60913756	G	0.163	0.1782	A	2.733	0.09831	0.8981
16	rs11645366	60934654	A	0.2063	0.2233	G	2.881	0.08966	0.9042
16	rs11644025	61049471	G	0.1598	0.1428	A	3.982	0.04598	1.141
16	rs1394553	61093677	G	0.04334	0.05292	A	3.217	0.07288	0.8109
16	rs288649	61163939	G	0.3772	0.3525	A	4.601	0.03195	1.113
16	rs8056689	61199482	G	0.08678	0.1105	A	10.07	0.001508	0.765
16	rs17353186	61467385	G	0.1023	0.07591	A	16.5	4.858e-05	1.387
16	rs429666	61940630	A	0.2276	0.1971	G	9.967	0.001594	1.2
16	rs7189013	62004031	G	0.3426	0.3622	A	2.859	0.09087	0.9179
16	rs1812486	62143991	G	0.1519	0.1684	A	3.36	0.0668	0.8843
16	rs13380512	62718232	A	0.03954	0.03002	G	5.16	0.02311	1.33
16	rs1423992	63444855	G	0.2988	0.2693	A	7.549	0.006004	1.156
16	rs16968076	63504676	A	0.03834	0.02759	G	7.031	0.008013	1.405
16	rs1423788	63783189	G	0.1765	0.1584	A	4.187	0.04075	1.139
16	rs4531732	64459803	G	0.172	0.1494	A	6.857	0.008832	1.183
16	rs17608497	64460017	G	0.129	0.1447	A	3.483	0.06199	0.8752
16	rs17697705	64460451	A	0.1218	0.1049	G	5.121	0.02364	1.183
16	rs7188225	64474707	G	0.1117	0.09256	A	7.357	0.006682	1.233

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16	rs3855650	65016360	G	0.1427	0.1571	A	2.733	0.09829	0.8928
16	rs9926387	65041307	A	0.5175	0.4941	G	3.78	0.05188	1.098
16	rs8049247	67270231	A	0.1286	0.1448	C	3.673	0.05531	0.8719
16	rs2902185	67331669	G	0.1233	0.1092	A	3.504	0.06123	1.148
16	rs12258	67916417	A	0.09185	0.06314	G	22.96	1.654e-06	1.501
16	rs8044057	67998559	A	0.04644	0.0302	G	14.69	0.0001269	1.564
16	rs4788805	70072139	G	0.04386	0.05718	A	5.819	0.01585	0.7563
16	rs4788480	71493187	A	0.2286	0.2097	G	3.68	0.05506	1.117
16	rs1183965	71685647	G	0.4365	0.4096	A	5.115	0.02371	1.116
16	rs7195261	71883350	A	0.07386	0.06346	G	3.086	0.07895	1.177
16	rs12927703	71987961	A	0.09185	0.07653	C	5.617	0.01779	1.22
16	rs1364223	72058740	A	0.1218	0.1024	G	6.926	0.008493	1.216
16	rs16972061	72100457	G	0.2894	0.2654	A	5.069	0.02436	1.128
16	rs825838	72128008	G	0.4489	0.4264	A	3.563	0.05909	1.096
16	rs2526060	72609966	A	0.08824	0.1038	G	4.563	0.03267	0.8355
16	rs11643479	73333672	A	0.3993	0.3786	G	3.137	0.07655	1.091
16	rs17605046	73666672	A	0.1837	0.1669	G	3.467	0.0626	1.123
16	rs4427834	73760436	G	0.02425	0.0325	A	3.838	0.0501	0.7398
16	rs10514391	73762219	A	0.03368	0.02583	G	4.08	0.04339	1.315
16	rs8044442	73959862	C	0.06425	0.07781	A	4.486	0.03417	0.8137
16	rs8046416	74045259	A	0.1859	0.2048	G	3.81	0.05095	0.8864
16	rs4888444	74247780	G	0.03434	0.04367	A	3.652	0.056	0.7787
16	rs1566184	74517245	G	0.1801	0.2019	A	5.112	0.02376	0.8684
16	rs1498056	74612987	A	0.2691	0.2332	G	12.28	0.0004569	1.211
16	rs11149915	75208044	A	0.3627	0.3926	C	6.482	0.0109	0.8805
16	rs2173099	75451654	C	0.1835	0.2099	A	7.278	0.006982	0.846
16	rs1948717	75960655	A	0.1748	0.197	G	5.424	0.01987	0.8632
16	rs13336488	76197733	G	0.05187	0.04282	A	3.358	0.06688	1.223
16	rs308936	76291079	A	0.1121	0.09744	G	4.143	0.0418	1.169
16	rs11648930	76394752	C	0.07121	0.06136	A	2.856	0.09104	1.173
16	rs17625041	76402832	A	0.09261	0.1084	G	4.459	0.03473	0.8398
16	rs17775218	76515146	G	0.1327	0.1079	A	10.78	0.001025	1.265
16	rs1126047	76516576	G	0.4246	0.4524	A	5.367	0.02052	0.8933
16	rs3764293	76812233	A	0.4577	0.4906	G	7.475	0.006257	0.8763
16	rs9928840	77172531	A	0.1906	0.1754	G	2.744	0.09762	1.107
16	rs2737289	77455087	G	0.3199	0.3461	A	5.253	0.02191	0.8887
16	rs12924818	77523698	A	0.226	0.2091	G	2.97	0.08484	1.105
16	rs4888884	77536989	A	0.3354	0.3088	C	5.687	0.01709	1.13
16	rs9935794	77599068	A	0.157	0.1767	G	4.619	0.03162	0.8681
16	rs2550731	77602150	A	0.3891	0.3582	C	7.12	0.007623	1.141
16	rs16949222	77607617	A	0.1574	0.1411	G	3.714	0.05395	1.137
16	rs2221705	77919912	G	0	0.09807	A	208.2	3.337e-47	0
16	rs16950422	78021166	A	0.08256	0.09439	C	2.859	0.09089	0.8634
16	rs8055173	78286532	G	0.05057	0.0599	A	2.712	0.09957	0.8359
16	rs10514477	78582340	A	0.08626	0.1058	G	7.087	0.007766	0.7978
16	rs11648597	78612364	G	0.09814	0.1174	A	6.287	0.01216	0.8179

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16	rs10514480	78689018	A	0.1782	0.1953	G	3.205	0.07343	0.8937
16	rs1401207	78919303	C	0.2596	0.238	A	4.401	0.03592	1.123
16	rs1820213	79382707	A	0.1244	0.1058	G	6.15	0.01314	1.2
16	rs16954219	79483282	A	0.03619	0.05109	C	8.126	0.004364	0.6975
16	rs10514513	79671684	A	0.08927	0.07389	G	5.839	0.01567	1.229
16	rs16954755	79729136	A	0.2719	0.2546	G	2.713	0.09954	1.093
16	rs7191962	79763243	A	0.3391	0.3145	G	4.783	0.02873	1.118
16	rs11150362	79765704	A	0.2074	0.2254	C	3.214	0.07299	0.8994
16	rs12920983	80029301	G	0.1909	0.1743	A	3.302	0.0692	1.118
16	rs4506892	80196410	A	0.286	0.2669	G	3.181	0.0745	1.1
16	rs7205166	80233234	A	0.05785	0.0488	G	2.982	0.0842	1.197
16	rs4889356	80236652	G	0.4551	0.4225	A	7.482	0.006233	1.141
16	rs7500611	80240973	A	0.2405	0.2228	G	3.073	0.0796	1.104
16	rs4888181	80449799	A	0.469	0.4465	G	3.543	0.05979	1.095
16	rs13331678	80512799	G	0.06818	0.05843	A	2.926	0.08715	1.179
16	rs7405231	80705905	A	0.5129	0.493	G	2.732	0.09835	1.083
16	rs6565065	81381053	A	0.3628	0.3408	G	3.723	0.05368	1.102
16	rs2199430	81394207	G	0.3493	0.3298	A	2.956	0.08554	1.091
16	rs11150526	81546478	A	0.1804	0.1628	C	3.855	0.04959	1.132
16	rs7199848	81987550	A	0.1022	0.08753	C	4.552	0.03289	1.186
16	rs8057221	82032928	A	0.202	0.1842	G	3.6	0.05779	1.121
16	rs11149598	82254927	A	0.1502	0.1349	G	3.402	0.06513	1.133
16	rs3784956	82306453	G	0.1603	0.177	A	3.341	0.06759	0.8874
16	rs12934964	82332355	G	0.08308	0.09509	A	2.931	0.08691	0.8622
16	rs11647035	82689206	G	0.06425	0.05505	A	2.751	0.09719	1.179
16	rs10514603	82751061	G	0.06618	0.0847	A	7.786	0.005265	0.7659
16	rs390112	82843278	A	0.3972	0.3739	G	4	0.04549	1.104
16	rs16963273	82874467	A	0.08376	0.07005	C	4.871	0.02731	1.214
16	rs2042436	82890101	A	0.08669	0.1013	C	4.117	0.04246	0.8418
16	rs12102416	82928331	G	0.3631	0.3904	A	5.392	0.02023	0.8904
16	rs4782612	82941827	A	0.04334	0.03497	G	3.493	0.06163	1.25
16	rs8048576	82980535	A	0.1346	0.117	G	5.056	0.02454	1.174
16	rs1864267	83080585	A	0.02735	0.03562	G	3.523	0.06054	0.7613
16	rs4783001	83115664	A	0.03973	0.04814	C	2.713	0.09952	0.8181
16	rs2967875	83193101	A	0.1429	0.1294	C	2.788	0.09495	1.122
16	rs1366752	83198130	A	0.4845	0.4558	C	5.714	0.01683	1.122
16	rs8054976	83545722	G	0.1269	0.1416	A	3.063	0.08008	0.8817
16	rs3794687	83684042	G	0.07335	0.05896	A	6.272	0.01227	1.263
16	rs2937134	83733564	G	0.266	0.2841	A	2.775	0.09574	0.9134
16	rs4783172	83950010	A	0.4628	0.4427	C	2.829	0.09258	1.085
16	rs7197319	84588953	A	0.3493	0.3295	C	3.055	0.0805	1.092
16	rs4079379	84714361	G	0.2521	0.2712	A	3.195	0.07387	0.9058
16	rs2352946	84758272	A	0.09401	0.1212	G	12.2	0.0004779	0.7526
16	rs12149292	84807299	A	0.2018	0.1811	C	4.929	0.02642	1.143
16	rs1032596	84839038	G	0.1945	0.2138	A	3.834	0.05023	0.8882
16	rs2665316	84897535	A	0.5232	0.4961	G	5.092	0.02403	1.115

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16	rs902552	84968239	A	0.3631	0.3888	G	4.785	0.02871	0.8964
16	rs17180009	84978318	C	0.1087	0.1244	A	3.941	0.04713	0.8578
16	rs12935509	84996875	A	0.08359	0.07235	G	3.198	0.07375	1.17
16	rs12444356	85086281	A	0.06825	0.05761	G	3.525	0.06046	1.198
16	rs2059285	85338998	A	0.3777	0.3987	G	3.17	0.07498	0.9155
16	rs7190003	85344216	G	0.302	0.2701	A	8.817	0.002984	1.169
16	rs299973	85365207	A	0.02993	0.03741	G	2.743	0.09769	0.7937
16	rs4843479	85475004	A	0.4025	0.4222	G	2.743	0.09766	0.922
16	rs8058192	85594229	A	0.06811	0.08135	G	4.114	0.04253	0.8254
16	rs8051603	85606059	A	0.02374	0.03085	C	2.996	0.08348	0.7637
16	rs3860272	85626135	A	0.1228	0.1069	G	4.495	0.03399	1.169
16	rs9937888	85702646	G	0.1538	0.171	A	3.643	0.05631	0.881
16	rs11640181	85815589	A	0.3971	0.3757	G	3.326	0.0682	1.094
16	rs4843615	86062499	C	0.2049	0.2307	A	6.536	0.01057	0.8592
16	rs2334208	86146691	G	0.06795	0.08315	A	5.303	0.02129	0.8038
16	rs12445248	86245440	A	0.2559	0.2751	G	3.192	0.07399	0.9063
16	rs1599799	86327205	G	0.05212	0.06327	A	3.689	0.05476	0.814
16	rs7200184	86409673	A	0.1388	0.1251	G	2.928	0.08704	1.127
16	rs11865049	86431641	A	0.05031	0.0385	G	6.275	0.01224	1.323
16	rs7198446	86936870	C	0.4757	0.4533	A	3.501	0.06134	1.094
16	rs4074632	87266465	G	0.2776	0.3084	A	7.738	0.005408	0.8616
16	rs7186861	87288783	A	0.2877	0.3106	G	4.252	0.0392	0.8964
16	rs11648894	87293860	A	0.339	0.3168	G	3.92	0.04771	1.106
16	rs12600041	87305029	A	0.2399	0.2216	G	3.358	0.06689	1.109
16	rs4782497	87546780	A	0.2448	0.2255	G	3.656	0.05586	1.113
16	rs8056585	87811310	A	0.02689	0.01972	G	4.408	0.03577	1.374
16	rs10400958	87825453	A	0.05005	0.0656	G	6.975	0.008266	0.7505
16	rs2377058	88262332	G	0.3911	0.3427	A	17.85	2.385e-05	1.232
16	rs258324	88281756	A	0.09494	0.1142	C	6.398	0.01143	0.8141
16	rs9936896	88596560	G	0.2319	0.1981	A	12.27	0.0004612	1.223
16	rs7498985	88630618	A	0.4912	0.4675	G	3.892	0.04851	1.1
16	rs1048149	88638451	A	0.1883	0.1704	G	3.883	0.04878	1.13
16	rs9927964	88653448	G	0.07002	0.05802	A	4.432	0.03526	1.222
16	rs12446019	88677423	G	0.0614	0.07653	A	5.697	0.01699	0.7895
17	rs8078223	73263	A	0.4401	0.4605	G	2.887	0.08929	0.9209
17	rs12452527	108420	A	0.3488	0.3735	G	4.491	0.03408	0.8987
17	rs10871511	126701	C	0.2885	0.3069	A	2.75	0.09727	0.9158
17	rs8078613	210420	A	0.19	0.1689	G	5.361	0.02059	1.154
17	rs8070916	212731	A	0.1235	0.144	G	5.965	0.0146	0.8374
17	rs11150880	237667	A	0.4224	0.4503	G	5.411	0.02001	0.8928
17	rs9894958	680488	A	0.2097	0.2306	C	4.282	0.03852	0.8852
17	rs4968063	693582	A	0.04029	0.04943	G	3.124	0.07716	0.8074
17	rs11654885	842940	G	0.05728	0.04665	A	4.276	0.03865	1.242
17	rs2663342	858044	G	0.4751	0.4987	A	3.827	0.05043	0.9099
17	rs3786066	927989	G	0.5062	0.4775	A	5.686	0.0171	1.122
17	rs17622751	933971	C	0.3002	0.3347	A	9.24	0.002367	0.8528

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17	rs8068519	1020053	C	0.1736	0.1914	A	3.559	0.05923	0.8874
17	rs12452627	1249222	A	0.09185	0.08045	G	2.987	0.08393	1.156
17	rs4790589	1394506	A	0.2936	0.3124	G	2.855	0.09111	0.9147
17	rs16948748	1404589	C	0.04907	0.04015	A	3.482	0.06204	1.234
17	rs17761310	1607361	A	0.09701	0.08293	G	4.42	0.03551	1.188
17	rs4405588	1761708	G	0.4343	0.4563	A	3.355	0.06698	0.9148
17	rs6503107	1809518	G	0.1254	0.1063	A	6.479	0.01092	1.205
17	rs7208125	1826891	C	0.4283	0.4053	A	3.77	0.05217	1.099
17	rs4239070	1864360	G	0.3125	0.2928	A	3.202	0.07356	1.098
17	rs9912391	1865013	A	0.22	0.237	G	2.787	0.09502	0.9077
17	rs2281726	2183154	G	0.1236	0.1089	A	3.794	0.05143	1.154
17	rs2286515	2571657	A	0.04025	0.0489	G	2.828	0.09262	0.8157
17	rs7212318	2575920	A	0.1582	0.1797	G	5.458	0.01948	0.8579
17	rs11653568	2615031	A	0.08669	0.1064	G	7.204	0.007274	0.7968
17	rs7207754	2648911	G	0.2484	0.2311	A	2.847	0.09155	1.099
17	rs11870228	2652405	A	0.08101	0.09246	G	2.728	0.09862	0.8653
17	rs6502555	2676402	G	0.258	0.284	A	5.723	0.01675	0.8769
17	rs8072031	2692016	A	0.09649	0.1098	G	3.171	0.07497	0.8657
17	rs11871449	2753838	A	0.1937	0.175	G	4.125	0.04226	1.132
17	rs1873061	3340194	A	0.1116	0.1257	G	3.172	0.07493	0.8734
17	rs401643	3386204	G	0.1646	0.1458	A	4.826	0.02803	1.154
17	rs7212203	4293704	C	0.09391	0.08221	A	3.088	0.07888	1.157
17	rs16953945	4319847	A	0.4272	0.4054	G	3.411	0.06478	1.094
17	rs2250333	4588818	A	0.1852	0.1703	G	2.708	0.09982	1.108
17	rs2286672	4659581	A	0.08514	0.07239	G	4.102	0.04283	1.192
17	rs11658364	5578000	C	0.156	0.171	A	2.765	0.09634	0.8959
17	rs2159635	5655686	C	0.4685	0.4485	A	2.79	0.09484	1.084
17	rs6502888	5677427	A	0.06308	0.07473	G	3.431	0.06397	0.8337
17	rs11078592	5679875	G	0.09546	0.1119	A	4.75	0.0293	0.8377
17	rs7218826	5771562	G	0.3843	0.3597	A	4.528	0.03335	1.111
17	rs3888640	6093858	A	0.4318	0.4095	G	3.531	0.06024	1.096
17	rs7212484	6218382	C	0.3083	0.2889	A	3.145	0.07617	1.097
17	rs4796491	6273925	A	0.3497	0.3773	G	5.62	0.01776	0.8874
17	rs930514	6403799	A	0.4906	0.4607	G	6.184	0.01289	1.128
17	rs9889374	6506471	A	0.2634	0.2995	G	10.74	0.001046	0.8367
17	rs2271233	6644845	A	0.07025	0.08484	G	4.809	0.02831	0.815
17	rs9284356	6680353	C	0.4199	0.446	A	4.732	0.02961	0.8994
17	rs1443419	6907775	C	0.0547	0.06692	A	4.208	0.04023	0.8067
17	rs222853	7054704	A	0.05366	0.04522	G	2.796	0.0945	1.197
17	rs2292068	7194383	A	0.3488	0.3718	G	3.902	0.04822	0.9052
17	rs4796412	7220993	A	0.08438	0.0977	G	3.468	0.06258	0.8511
17	rs2287497	7533505	A	0.08058	0.1015	G	8.444	0.003663	0.7758
17	rs4791759	7618652	A	0.04442	0.05373	G	2.993	0.08363	0.8187
17	rs9916791	7661956	G	0.2787	0.2608	A	2.833	0.09234	1.095
17	rs4486969	8432684	A	0.3326	0.3094	C	4.352	0.03697	1.113
17	rs9891783	8457160	G	0.1906	0.2134	A	5.37	0.02048	0.8682

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17	rs7213982	8496031	A	0.07946	0.09519	C	5.038	0.0248	0.8205
17	rs7223106	8500920	A	0.1502	0.1729	G	6.336	0.01183	0.845
17	rs1963052	8540429	G	0.1069	0.09141	A	4.913	0.02665	1.19
17	rs764605	8634368	G	0.4051	0.4309	A	4.69	0.03034	0.8994
17	rs4497735	8636384	A	0.1563	0.1403	C	3.661	0.05571	1.136
17	rs2242374	8641841	A	0.08411	0.09571	G	2.716	0.09933	0.8676
17	rs9912143	8647754	G	0.4179	0.4378	A	2.778	0.09558	0.9219
17	rs11651058	8828830	G	0.0743	0.06278	A	3.823	0.05055	1.198
17	rs7207041	8936271	A	0.1162	0.1031	C	3.17	0.07501	1.144
17	rs12940357	9061595	A	0.4019	0.4249	G	3.751	0.05277	0.9093
17	rs6503190	9096779	A	0.2128	0.2324	G	3.745	0.05296	0.8927
17	rs11654567	9185149	A	0.3667	0.3911	G	4.291	0.03831	0.9018
17	rs6503211	9333425	A	0.2322	0.2155	G	2.827	0.09268	1.101
17	rs16958408	9363343	A	0.4066	0.3778	C	6.085	0.01364	1.129
17	rs8078327	9542596	A	0.2023	0.2193	G	2.947	0.08604	0.9026
17	rs4791356	9562352	A	0.2443	0.2217	G	5.054	0.02456	1.135
17	rs11655932	9615701	G	0.09928	0.0876	A	2.902	0.08849	1.148
17	rs7217767	9676094	A	0.07688	0.0898	G	3.572	0.05876	0.8442
17	rs8070490	9833581	G	0.3831	0.3515	A	7.526	0.006081	1.146
17	rs11656239	9891392	A	0.1821	0.1662	G	3.157	0.07561	1.118
17	rs7211216	9987832	G	0.1512	0.1361	A	3.323	0.06832	1.131
17	rs4128644	10022884	G	0.1068	0.1254	A	5.502	0.01899	0.8342
17	rs7503418	10022974	A	0.1572	0.1409	G	3.728	0.05349	1.137
17	rs8067942	10044830	G	0.05062	0.06307	A	4.617	0.03167	0.792
17	rs9904980	10096665	A	0.3545	0.3115	G	14.75	0.0001226	1.214
17	rs17762691	10119173	A	0.1562	0.1758	C	4.645	0.03115	0.8674
17	rs17689615	10122461	A	0.2229	0.2008	G	5.197	0.02262	1.142
17	rs1984620	10141073	A	0.4711	0.4418	G	5.992	0.01437	1.125
17	rs3744566	10379416	A	0.0439	0.0594	G	7.612	0.0058	0.7272
17	rs201603	10512705	A	0.09804	0.114	G	4.387	0.03622	0.8452
17	rs8078684	10649536	G	0.07645	0.06466	A	3.884	0.04875	1.197
17	rs8079174	10782407	G	0.2082	0.2247	A	2.707	0.0999	0.9073
17	rs2529870	10789691	G	0.3523	0.3199	A	8.287	0.003992	1.157
17	rs11655962	10828987	A	0.07172	0.08401	G	3.436	0.0638	0.8424
17	rs17771545	10836761	A	0.03509	0.04593	G	4.745	0.02939	0.7554
17	rs1610053	10918397	A	0.4122	0.3916	G	3.071	0.0797	1.09
17	rs12952685	11275443	A	0.2038	0.1865	C	3.398	0.06528	1.117
17	rs1870583	11973669	G	0.2962	0.2781	A	2.806	0.09393	1.093
17	rs9895159	12074911	A	0.04752	0.05975	G	4.687	0.03039	0.7851
17	rs9914858	12205824	A	0.2023	0.1849	C	3.446	0.0634	1.118
17	rs1401539	12472708	A	0.0811	0.09772	C	5.496	0.01906	0.8148
17	rs8072360	12503162	A	0.4293	0.4094	G	2.828	0.09265	1.085
17	rs3785716	12814952	G	0.437	0.4645	A	5.213	0.02241	0.8952
17	rs974955	13067478	A	0.1336	0.148	C	2.863	0.09062	0.8877
17	rs4792347	13116856	G	0.4071	0.3857	A	3.349	0.06726	1.094
17	rs2214260	13117537	G	0.328	0.3092	A	2.848	0.09148	1.091

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17	rs6502246	13124626	C	0.1767	0.158	A	4.462	0.03465	1.143
17	rs2996009	13282435	A	0.4313	0.4532	G	3.352	0.06712	0.9149
17	rs6502266	13336445	G	0.3088	0.2892	A	3.197	0.07377	1.098
17	rs2197240	13595428	C	0.2939	0.326	A	8.141	0.004326	0.8604
17	rs7210358	13678277	G	0.1082	0.09335	A	4.402	0.03589	1.178
17	rs12943477	13756585	C	0.4005	0.4282	A	5.318	0.02111	0.8921
17	rs9901316	14041963	A	0.08617	0.07409	G	3.611	0.05739	1.178
17	rs3785658	14161817	A	0.03767	0.04688	G	3.348	0.0673	0.7957
17	rs17619645	14232620	C	0.3497	0.328	A	3.67	0.05541	1.102
17	rs8082455	14240617	A	0.323	0.301	G	3.954	0.04676	1.108
17	rs7211689	14586893	C	0.3099	0.2858	A	4.872	0.0273	1.122
17	rs1016144	14762777	G	0.2368	0.2554	A	3.154	0.07575	0.9046
17	rs16950897	14878216	G	0.07497	0.08633	A	2.855	0.09111	0.8578
17	rs7217869	15218458	C	0.3003	0.3213	A	3.473	0.06239	0.9068
17	rs11657647	15784285	A	0.0129	0.0222	G	7.193	0.007321	0.5757
17	rs17716244	16391308	A	0.05005	0.06016	G	3.174	0.0748	0.8231
17	rs7213658	16745447	G	0.1929	0.215	A	5.039	0.02479	0.8725
17	rs4404112	16789645	G	0.1956	0.1713	A	7.073	0.007824	1.176
17	rs8064661	16823389	G	0.2007	0.1771	A	6.534	0.01058	1.167
17	rs1569040	17246812	G	0.1166	0.1314	A	3.344	0.06744	0.8725
17	rs1242495	17316041	G	0.3738	0.3539	A	2.977	0.08445	1.09
17	rs2461847	18231718	G	0.3727	0.3932	A	3.046	0.08096	0.9168
17	rs3744391	19247759	A	0.08204	0.07151	C	2.84	0.09196	1.16
17	rs2085525	21037868	A	0.1084	0.1236	C	3.751	0.05278	0.8616
17	rs4589609	23333599	G	0.287	0.3061	A	2.963	0.08518	0.9125
17	rs11080058	23766187	A	0.3029	0.2817	G	3.81	0.05095	1.108
17	rs17721128	24168018	G	0.06605	0.07752	A	3.226	0.07247	0.8415
17	rs8077048	24675154	A	0.282	0.2626	G	3.331	0.06798	1.103
17	rs7217677	24799793	A	0.1966	0.1808	C	2.878	0.08981	1.109
17	rs3744624	24885455	G	0.1682	0.1839	A	2.852	0.09128	0.8974
17	rs11868320	24899339	A	0.2172	0.2013	G	2.721	0.09901	1.101
17	rs9915181	26307820	A	0.09082	0.07439	G	6.608	0.01015	1.243
17	rs9908294	26908893	A	0.375	0.4076	G	7.597	0.005846	0.8721
17	rs425083	27028247	A	0.3033	0.322	C	2.764	0.09641	0.9166
17	rs9890552	27031861	A	0.03516	0.02741	G	3.767	0.05228	1.293
17	rs301343	27641006	G	0.1734	0.1909	A	3.45	0.06327	0.8891
17	rs2519866	27859883	G	0.3314	0.3125	A	2.862	0.09072	1.091
17	rs9904359	27902918	G	0.2869	0.3153	A	6.477	0.01093	0.8737
17	rs9890602	27904495	A	0.1202	0.1354	G	3.448	0.06333	0.8723
17	rs225209	27918999	A	0.4458	0.4682	G	3.481	0.06208	0.9136
17	rs225218	27923447	A	0.4576	0.4802	G	3.513	0.06089	0.9134
17	rs9906088	28431459	A	0.1249	0.1396	G	3.138	0.0765	0.8796
17	rs319763	28589146	G	0.3454	0.3676	A	3.669	0.05545	0.9077
17	rs319749	28596020	A	0.1301	0.1165	G	3.025	0.08198	1.134
17	rs8064773	28851591	C	0.09598	0.08235	A	4.165	0.04127	1.183
17	rs902569	29031603	A	0.05072	0.06527	G	6.103	0.01349	0.7653

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17	rs7501817	29253650	A	0.1563	0.1384	C	4.614	0.03171	1.154
17	rs188826	29266148	G	0.1094	0.1242	A	3.505	0.06117	0.8663
17	rs4563082	29359646	G	0.1637	0.142	A	6.561	0.01042	1.183
17	rs4451997	29377133	G	0.3978	0.4189	A	3.155	0.0757	0.9164
17	rs17784068	29521327	G	0.04489	0.05382	A	2.75	0.09725	0.8263
17	rs12450373	29807396	A	0.1531	0.1309	G	7.337	0.006756	1.2
17	rs295066	29808100	A	0.2049	0.2215	C	2.793	0.09468	0.9054
17	rs12451867	29846913	A	0.1867	0.1686	G	3.98	0.04605	1.132
17	rs2438057	29848455	G	0.1197	0.1374	A	4.632	0.03137	0.8534
17	rs4795942	29935281	G	0.2208	0.2424	A	4.392	0.03611	0.8859
17	rs8071398	30005841	A	0.25	0.2286	G	4.446	0.03498	1.125
17	rs4796059	30567139	A	0.07482	0.06113	G	5.505	0.01896	1.242
17	rs4795069	30633360	A	0.1808	0.1548	C	8.788	0.003032	1.205
17	rs9890738	32103813	A	0.04809	0.0649	G	8.236	0.004108	0.7279
17	rs8074928	32272048	A	0.4499	0.4724	C	3.501	0.06135	0.9134
17	rs9901344	32355248	A	0.211	0.2296	G	3.385	0.06577	0.8975
17	rs2411163	32484430	G	0.2064	0.1907	A	2.734	0.09823	1.104
17	rs9895640	32902547	G	0.08411	0.06659	A	8.291	0.003984	1.287
17	rs12936144	33084090	A	0.1636	0.144	G	5.321	0.02107	1.163
17	rs8069412	33104144	G	0.1522	0.1691	A	3.549	0.05958	0.882
17	rs2459575	33319881	G	0.2074	0.2249	A	3.051	0.08067	0.9018
17	rs12450767	34030628	A	0.09133	0.1101	G	6.298	0.01208	0.8125
17	rs2011713	34156699	A	0.0656	0.07709	G	3.25	0.07143	0.8404
17	rs17590228	34290556	A	0.1249	0.1385	C	2.73	0.09851	0.8872
17	rs1877032	35024590	G	0.08256	0.09499	A	3.14	0.0764	0.8574
17	rs2023906	35967212	G	0.2693	0.2467	A	4.748	0.02934	1.126
17	rs2159427	36184264	A	0.1656	0.1437	C	6.635	0.01	1.183
17	rs916927	36274452	G	0.1827	0.1629	A	4.864	0.02742	1.148
17	rs4890140	36301688	G	0.2817	0.3049	A	4.393	0.03608	0.8942
17	rs7214921	37547551	G	0.2441	0.2252	A	3.508	0.06109	1.111
17	rs17405722	37796027	A	0.07998	0.06658	G	4.886	0.02707	1.219
17	rs2883456	37806320	G	0.3364	0.2952	A	13.99	0.000184	1.211
17	rs7208107	37839403	G	0.09213	0.07715	A	5.319	0.0211	1.214
17	rs647397	37932924	A	0.1981	0.2157	G	3.166	0.0752	0.8985
17	rs10512488	38217430	A	0.2616	0.2425	G	3.393	0.06549	1.106
17	rs528854	38351634	G	0.1008	0.08624	A	4.575	0.03243	1.188
17	rs2086247	38842629	G	0.2632	0.2434	A	3.621	0.05706	1.11
17	rs1728171	39028855	A	0.1395	0.1226	G	4.481	0.03427	1.16
17	rs11079736	39048921	G	0.07482	0.08794	A	3.761	0.05247	0.8387
17	rs9912855	39123577	C	0.1715	0.1894	A	3.561	0.05916	0.8863
17	rs9911324	39127531	A	0.07521	0.09093	C	5.226	0.02225	0.813
17	rs9899889	39178751	C	0.4086	0.4293	A	3.018	0.08237	0.9185
17	rs2074107	39693502	A	0.2257	0.203	G	5.474	0.0193	1.145
17	rs7209090	39704251	A	0.1395	0.1224	G	4.634	0.03135	1.162
17	rs12150466	40354060	A	0.08471	0.07163	G	4.355	0.03691	1.2
17	rs8070447	40585082	C	0.08775	0.1029	A	4.317	0.03774	0.8388

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17	rs11655764	41192249	A	0.3139	0.2956	G	2.758	0.09677	1.09
17	rs9890016	41285476	G	0.08936	0.07597	A	4.323	0.0376	1.193
17	rs1078997	41465690	G	0.1567	0.1367	A	5.772	0.01629	1.174
17	rs17692129	42148466	A	0.3442	0.3196	G	4.755	0.02921	1.117
17	rs12325819	42171296	A	0.02743	0.03486	C	2.883	0.08952	0.781
17	rs2074404	42220599	C	0.2399	0.2601	A	3.658	0.0558	0.8981
17	rs10514911	42233432	A	0.114	0.1009	G	3.226	0.0725	1.147
17	rs11570460	42614335	A	0.05475	0.06457	G	2.793	0.09468	0.8392
17	rs7224155	43607501	A	0.09814	0.116	C	5.434	0.01975	0.8294
17	rs12451731	43761545	G	0.04747	0.05736	A	3.176	0.07473	0.819
17	rs2969	44483246	A	0.2815	0.2631	G	2.988	0.08389	1.097
17	rs1523136	44499531	G	0.3092	0.3338	A	4.72	0.02982	0.8932
17	rs734194	44946608	C	0.1064	0.09435	A	2.895	0.08886	1.143
17	rs741071	44946689	A	0.408	0.4324	G	4.194	0.04057	0.9046
17	rs2671642	44952815	G	0.1244	0.1114	A	2.906	0.08826	1.133
17	rs11658310	45119401	G	0.07379	0.0633	A	3.15	0.07592	1.179
17	rs271680	45340472	C	0.3266	0.3572	A	7.059	0.007887	0.8728
17	rs271653	45360879	A	0.1899	0.2073	G	3.221	0.07272	0.8961
17	rs4794079	45386399	G	0.2126	0.2311	A	3.339	0.06764	0.8984
17	rs985626	45395340	A	0.09185	0.07445	G	7.397	0.006534	1.257
17	rs890397	45458934	G	0.3228	0.3018	A	3.596	0.05793	1.103
17	rs12951961	45675567	G	0.306	0.2835	A	4.281	0.03855	1.114
17	rs9891711	45709230	G	0.05831	0.04884	A	3.266	0.07073	1.206
17	rs2412303	45737049	G	0.2198	0.1969	A	5.635	0.0176	1.149
17	rs198545	46000610	A	0.07379	0.06342	C	3.068	0.07984	1.176
17	rs9911873	46163464	G	0.09288	0.08173	A	2.82	0.09311	1.15
17	rs4794187	46240761	A	0.3519	0.3719	G	2.964	0.08516	0.917
17	rs8125	46398347	A	0.0774	0.09283	G	4.957	0.02598	0.8198
17	rs12326011	46516580	G	0.1718	0.1561	A	3.216	0.07293	1.122
17	rs9894630	46526413	A	0.3968	0.4272	G	6.525	0.01064	0.8821
17	rs2318785	46594517	A	0.4051	0.4376	G	7.418	0.006456	0.8752
17	rs9890668	46870316	A	0.1229	0.1402	G	4.327	0.03751	0.8594
17	rs2877398	48467696	A	0.1591	0.1763	G	3.527	0.06036	0.8842
17	rs17626856	48624506	A	0.04231	0.05418	C	4.851	0.02763	0.7713
17	rs1870115	49454833	A	0.09553	0.08145	G	4.471	0.03448	1.191
17	rs9303359	50289628	G	0.484	0.4575	A	4.863	0.02744	1.112
17	rs7503456	50635552	G	0.178	0.1549	A	6.925	0.0085	1.181
17	rs12451719	50641833	A	0.0516	0.04255	G	3.396	0.06537	1.224
17	rs4794588	50874170	G	0.1817	0.1997	A	3.536	0.06006	0.8895
17	rs7225691	50920224	G	0.343	0.3223	A	3.366	0.06657	1.098
17	rs1553677	50928901	A	0.1348	0.1184	G	4.365	0.03669	1.16
17	rs7211158	50951617	A	0.4541	0.4779	G	3.935	0.04729	0.9086
17	rs17758268	51144044	G	0.1406	0.1219	A	5.581	0.01816	1.179
17	rs17819140	51166359	G	0.08988	0.07409	A	6.13	0.01329	1.234
17	rs2192214	51738236	A	0.07231	0.08372	G	2.961	0.08529	0.8532
17	rs17655302	52156215	A	0.2014	0.2182	G	2.845	0.09166	0.904

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17	rs17760897	52306416	G	0.05895	0.06972	A	3.132	0.07678	0.8358
17	rs12945949	52877383	C	0.1151	0.1356	A	6.308	0.01202	0.8287
17	rs4794738	52877449	C	0.1498	0.1361	A	2.727	0.09867	1.118
17	rs11079303	52883594	G	0.2446	0.2638	A	3.306	0.06902	0.9034
17	rs929648	52940119	A	0.1265	0.1105	C	4.461	0.03467	1.166
17	rs730607	52944551	G	0.09194	0.1116	A	6.861	0.008811	0.8057
17	rs1861472	52960466	A	0.1606	0.1765	G	3	0.08328	0.8931
17	rs11079316	53061873	A	0.08308	0.06583	C	8.13	0.004354	1.286
17	rs9912353	53222039	C	0.1445	0.1604	A	3.273	0.07042	0.884
17	rs917606	53620016	G	0.2704	0.2488	A	4.272	0.03875	1.119
17	rs6503884	54294808	A	0.07327	0.06291	G	3.093	0.07864	1.178
17	rs2290266	54821699	G	0.1517	0.133	A	5.15	0.02324	1.165
17	rs7222118	54842320	A	0.2719	0.248	C	5.262	0.02179	1.133
17	rs7217337	55378199	A	0.08153	0.09495	G	3.667	0.05551	0.8461
17	rs7223401	56660819	G	0.1519	0.1683	A	3.34	0.06761	0.8851
17	rs3785859	56734520	A	0.4271	0.4506	C	3.835	0.05021	0.9091
17	rs3785848	56774017	G	0.2245	0.2516	A	6.784	0.0092	0.8611
17	rs4968436	56925835	G	0.1784	0.1581	A	5.273	0.02166	1.156
17	rs2188728	57031636	A	0.4474	0.4169	C	6.572	0.01036	1.132
17	rs10512496	58018093	A	0.03199	0.04631	G	8.277	0.004015	0.6806
17	rs17684593	58194983	A	0.06095	0.0719	G	3.146	0.07611	0.8378
17	rs16946663	58371155	A	0.05521	0.04611	G	3.186	0.07429	1.209
17	rs17202270	58700789	C	0.1806	0.2011	A	4.518	0.03355	0.8759
17	rs2044124	59199157	A	0.06781	0.05527	G	5.063	0.02444	1.243
17	rs9911085	59553682	G	0.2128	0.2348	A	4.669	0.0307	0.8811
17	rs12603232	60586226	A	0.08213	0.06895	G	4.576	0.03242	1.208
17	rs8070048	60852728	A	0.02477	0.03269	C	3.517	0.06074	0.7514
17	rs12601958	61250766	G	0.3254	0.3066	A	2.871	0.0902	1.091
17	rs8065772	62273387	A	0.03973	0.03218	G	3.082	0.07914	1.244
17	rs1032970	62356269	A	0.4677	0.4963	G	5.606	0.0179	0.8916
17	rs740804	62373156	A	0.09979	0.1175	G	5.272	0.02167	0.8327
17	rs2916142	62912526	A	0.4696	0.4462	G	3.806	0.05108	1.099
17	rs12949350	62939258	A	0.09401	0.07824	G	5.823	0.01581	1.223
17	rs12325881	63069110	C	0.04489	0.05673	A	4.617	0.03165	0.7815
17	rs2286916	63166025	G	0.4426	0.4639	A	3.139	0.07645	0.9177
17	rs9903979	63187880	C	0.1027	0.118	A	3.897	0.04837	0.8557
17	rs11653860	63716835	A	0.07336	0.08927	C	5.428	0.01982	0.8077
17	rs12601802	63750164	G	0.1405	0.1267	A	2.913	0.08787	1.126
17	rs11657722	64173033	G	0.3569	0.3797	A	3.804	0.05112	0.9067
17	rs2278445	64184833	A	0.3471	0.3256	C	3.606	0.05756	1.101
17	rs2012061	65242845	G	0.05584	0.04662	A	3.232	0.07222	1.21
17	rs179922	65409360	C	0.3056	0.285	A	3.565	0.059	1.104
17	rs11867479	65601802	A	0.3688	0.3432	G	5.005	0.02527	1.118
17	rs874690	65614211	A	0.2014	0.2189	C	3.081	0.07919	0.9003
17	rs2190609	65618583	G	0.0625	0.07434	A	3.567	0.05896	0.8302
17	rs8066863	65672496	G	0.1034	0.1212	A	5.162	0.02309	0.8367

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17	rs7210332	66332582	A	0.06708	0.05749	C	2.876	0.08991	1.179
17	rs978708	66356630	A	0.1502	0.1652	C	2.852	0.09128	0.8929
17	rs11652239	66782865	A	0.08108	0.07001	G	3.177	0.07466	1.172
17	rs11653363	66892481	G	0.2002	0.1822	A	3.689	0.05476	1.124
17	rs12451845	67055757	A	0.282	0.2614	C	3.768	0.05224	1.11
17	rs12951486	67147203	A	0.1976	0.1814	G	3.046	0.08092	1.112
17	rs12449963	67186172	G	0.054	0.0643	A	3.08	0.07928	0.8306
17	rs2880562	67742330	A	0.5067	0.4769	G	6.162	0.01305	1.127
17	rs9898438	67755558	G	0.4725	0.4927	A	2.81	0.09369	0.9222
17	rs6501537	67879239	A	0.1896	0.1739	G	2.915	0.08776	1.111
17	rs17779721	67898631	C	0.1331	0.1502	A	3.98	0.04605	0.8689
17	rs9906315	67904675	A	0.09856	0.115	G	4.665	0.03077	0.8411
17	rs1177986	68090880	C	0.3089	0.2885	A	3.472	0.0624	1.102
17	rs11077628	68191406	A	0.03202	0.02461	G	3.826	0.05045	1.311
17	rs2714025	68211571	C	0.1254	0.1428	A	4.332	0.0374	0.8604
17	rs7405939	68245275	A	0.1343	0.1538	G	5.085	0.02414	0.8537
17	rs2466511	68474058	G	0.09133	0.07542	A	6.137	0.01324	1.232
17	rs17183537	68497256	G	0.08729	0.07374	A	4.552	0.03287	1.201
17	rs4969048	68512342	G	0.1095	0.09334	A	5.231	0.02219	1.194
17	rs12938854	68613568	G	0.4551	0.4349	A	2.85	0.09138	1.085
17	rs4969113	68873429	A	0.4215	0.4456	G	4.056	0.04402	0.9065
17	rs11870884	68932343	A	0.3419	0.3233	G	2.715	0.09944	1.087
17	rs1123674	69021376	A	0.4948	0.4643	G	6.439	0.01117	1.13
17	rs2014209	69120727	A	0.459	0.4837	G	4.196	0.04052	0.9056
17	rs12952485	69154046	A	0.1353	0.1504	C	3.094	0.07857	0.8841
17	rs2620016	69239220	A	0.1185	0.1324	G	2.906	0.08825	0.881
17	rs2019877	69271555	A	0.4563	0.4293	G	5.094	0.02401	1.116
17	rs2683234	69281115	G	0.5088	0.4859	A	3.6	0.05779	1.096
17	rs2586796	69383617	A	0.3199	0.3411	C	3.456	0.06301	0.9087
17	rs6501685	69559670	A	0.09689	0.1094	G	2.776	0.09567	0.8737
17	rs9906003	69576859	G	0.1929	0.2114	A	3.559	0.05922	0.8916
17	rs4789637	69718388	A	0.02996	0.03859	G	3.547	0.05964	0.7693
17	rs7206926	69721453	A	0.3213	0.3006	G	3.492	0.06168	1.101
17	rs8081794	70164827	A	0.09701	0.1103	G	3.133	0.07673	0.8667
17	rs4435292	70547388	A	0.282	0.3114	G	6.932	0.008467	0.8686
17	rs936056	71099379	A	0.3817	0.3575	G	4.373	0.0365	1.109
17	rs2665993	71520806	G	0.3583	0.3826	A	4.291	0.03832	0.9013
17	rs347675	71786755	A	0.08161	0.09387	G	3.084	0.07906	0.8578
17	rs346794	71833721	A	0.2002	0.2266	G	6.9	0.008619	0.8546
17	rs442548	71884974	G	0.1723	0.1961	A	6.261	0.01234	0.8534
17	rs8082416	72030969	A	0.06244	0.04966	G	5.814	0.0159	1.275
17	rs2304921	72086421	A	0.05263	0.06378	G	3.657	0.05585	0.8155
17	rs11077846	72119342	G	0.118	0.104	A	3.595	0.05797	1.153
17	rs7216800	72397543	A	0.0418	0.05386	G	5.046	0.02468	0.7662
17	rs11869430	72406811	A	0.0829	0.07186	G	3.092	0.0787	1.167
17	rs6501930	72520666	G	0.1891	0.21	A	4.537	0.03317	0.8773

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17	rs7209713	72532159	G	0.07645	0.06567	A	3.212	0.07312	1.178
17	rs8066765	72545599	A	0.2536	0.2718	G	2.892	0.08904	0.9104
17	rs11654263	72547666	A	0.3168	0.2951	G	3.913	0.04793	1.108
17	rs8082404	72596610	A	0.155	0.1709	G	3.103	0.07814	0.8898
17	rs671082	72609505	A	0.1815	0.1984	G	3.126	0.07704	0.8957
17	rs2053568	72620895	G	0.1154	0.09757	A	6.071	0.01374	1.206
17	rs17540424	72701707	A	0.04442	0.05452	G	3.479	0.06216	0.8061
17	rs3785447	72704493	G	0.1973	0.2139	A	2.848	0.09148	0.9032
17	rs2411107	72771981	C	0.09006	0.07123	A	8.983	0.002725	1.291
17	rs11077912	73051366	G	0.1254	0.11	A	4.104	0.04277	1.16
17	rs8081210	73052140	G	0.2709	0.2527	A	3.019	0.08227	1.099
17	rs2304925	73063262	C	0.1637	0.1807	A	3.359	0.06685	0.8877
17	rs12452331	73063908	G	0.3171	0.2921	A	5.201	0.02257	1.126
17	rs7503454	73179375	A	0.2776	0.2959	C	2.772	0.09592	0.9146
17	rs12450989	73700348	A	0.2915	0.2724	C	3.185	0.0743	1.099
17	rs9911417	73773839	A	0.06811	0.04919	C	12.69	0.0003667	1.413
17	rs2292641	73907229	A	0.1646	0.1479	G	3.769	0.05222	1.135
17	rs2028733	74007778	A	0.1734	0.155	G	4.398	0.03598	1.143
17	rs4796827	74145560	A	0.3907	0.4111	G	2.926	0.08718	0.9189
17	rs4789921	74451214	A	0.1178	0.1019	G	4.698	0.03021	1.177
17	rs2707038	74649513	A	0.3631	0.3425	G	3.232	0.0722	1.094
17	rs11871435	74822828	A	0.05986	0.0723	G	4.055	0.04404	0.8169
17	rs12600765	74837318	A	0.1698	0.1526	G	3.852	0.04969	1.135
17	rs4789892	74887246	A	0.188	0.1707	G	3.626	0.05687	1.125
17	rs925607	74892827	G	0.2231	0.2069	A	2.715	0.09944	1.1
17	rs2289728	75426449	A	0.1679	0.1859	G	3.726	0.05356	0.8835
17	rs4889940	75553402	A	0.2586	0.277	G	2.922	0.0874	0.9103
17	rs8076666	75838412	A	0.107	0.1208	G	3.1	0.07829	0.8725
17	rs4890008	75920214	A	0.03302	0.04203	C	3.558	0.05928	0.7784
17	rs4969230	76340856	G	0.3756	0.3996	A	4.151	0.04161	0.9038
17	rs7208536	76364381	A	0.2688	0.2497	G	3.348	0.0673	1.105
17	rs4969429	76379814	A	0.3037	0.2758	G	6.665	0.009835	1.145
17	rs2672886	76396246	G	0.4853	0.4651	A	2.786	0.09508	1.084
17	rs12943041	76443970	A	0.2391	0.2147	G	6.046	0.01394	1.15
17	rs2672890	76448802	A	0.1615	0.1817	G	4.757	0.02919	0.8677
17	rs2878052	76531505	A	0.2337	0.213	G	4.402	0.0359	1.127
17	rs9898002	76943559	G	0.1755	0.1968	A	4.99	0.02549	0.8686
17	rs7211870	77102086	G	0.01496	0.02163	A	3.751	0.05279	0.687
17	rs4078371	77157287	A	0.1012	0.1144	C	2.983	0.08413	0.8719
17	rs6565624	77288155	G	0.1968	0.2179	A	4.518	0.03354	0.8797
17	rs9912335	77552948	G	0.3287	0.3075	A	3.623	0.057	1.103
17	rs878822	78119679	A	0.2053	0.1865	G	3.961	0.04656	1.127
17	rs7211499	78218468	A	0.2843	0.3064	G	3.978	0.0461	0.8993
17	rs8073471	78490781	G	0.126	0.1413	A	3.35	0.06721	0.8763
18	rs16941940	277648	C	0.07645	0.06137	A	6.634	0.01001	1.266
18	rs527283	292224	G	0.4177	0.445	A	5.192	0.0227	0.8947

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18	rs17451399	330963	G	0.1271	0.1432	A	3.704	0.05428	0.8708
18	rs612879	351437	G	0.296	0.2775	A	2.912	0.08791	1.095
18	rs3929952	358115	G	0.3055	0.3285	A	4.165	0.04128	0.8991
18	rs9957928	383649	C	0.4788	0.4585	A	2.854	0.09114	1.085
18	rs7235748	515734	A	0.09391	0.07972	G	4.655	0.03097	1.197
18	rs505140	614631	C	0.4627	0.4827	A	2.756	0.09689	0.9229
18	rs16947777	621994	A	0.2043	0.1874	G	3.225	0.07252	1.114
18	rs2612081	685030	A	0.2492	0.2276	G	4.563	0.03266	1.127
18	rs3214047	735884	C	0.08514	0.0987	A	3.615	0.05727	0.8498
18	rs6506537	784273	G	0.2689	0.2481	A	3.963	0.04652	1.115
18	rs13381553	852169	A	0.1375	0.1218	C	3.869	0.04917	1.149
18	rs1610037	900635	G	0.3416	0.3159	A	5.233	0.02216	1.123
18	rs1022177	1036304	A	0.4592	0.4795	G	2.865	0.09053	0.9214
18	rs6505955	1721154	G	0.146	0.1289	A	4.446	0.03498	1.155
18	rs10853266	1788154	A	0.0667	0.05653	C	3.279	0.07015	1.193
18	rs11874451	1860706	G	0.02221	0.02982	A	3.549	0.05959	0.7389
18	rs9959376	2024580	A	0.1058	0.09074	G	4.653	0.031	1.185
18	rs9956834	2026219	G	0.03612	0.04491	A	3.174	0.07483	0.7969
18	rs668679	2151731	A	0.02686	0.03545	G	3.814	0.05083	0.7511
18	rs667236	2166069	A	0.4071	0.4285	G	3.233	0.07218	0.9157
18	rs1519582	2316914	A	0.4012	0.4258	G	4.249	0.03926	0.9037
18	rs3843740	2446066	G	0.2221	0.2436	A	4.341	0.03721	0.8867
18	rs8095256	2578360	G	0.08368	0.06707	A	7.413	0.006474	1.27
18	rs637647	2871839	A	0.2172	0.2359	G	3.349	0.06726	0.899
18	rs1071600	3116811	G	0.1336	0.1481	A	2.873	0.09006	0.8875
18	rs8092392	3256444	G	0.03099	0.02169	A	6.726	0.009503	1.443
18	rs1020301	3416724	A	0.145	0.122	G	8.385	0.003784	1.221
18	rs1631989	3635455	A	0.3173	0.3373	G	3.072	0.07964	0.9135
18	rs1372631	4016587	C	0.2815	0.3028	A	3.722	0.05371	0.9021
18	rs1442370	4040913	G	0.1746	0.1926	A	3.614	0.05729	0.8869
18	rs12963271	4046394	A	0.275	0.2548	G	3.703	0.05432	1.11
18	rs280976	4436528	A	0.1935	0.1706	G	6.301	0.01207	1.166
18	rs1251942	4469612	C	0.2508	0.2744	A	4.867	0.02738	0.885
18	rs12454329	4500629	G	0.1367	0.1532	A	3.639	0.05644	0.8755
18	rs2847108	4582823	G	0.4271	0.4483	A	3.142	0.0763	0.9173
18	rs9949571	4708609	A	0.1873	0.1695	G	3.847	0.04984	1.129
18	rs1557305	4711359	A	0.3498	0.3694	G	2.844	0.09169	0.9185
18	rs8096497	4760395	A	0.08523	0.09835	G	3.39	0.0656	0.8542
18	rs11081148	4761550	G	0.05521	0.04165	A	7.687	0.005563	1.345
18	rs7505612	4766396	A	0.2505	0.2709	C	3.629	0.05677	0.8997
18	rs11873674	5090775	A	0.07946	0.09233	G	3.456	0.063	0.8486
18	rs9961211	5146547	A	0.05057	0.06283	G	4.493	0.03403	0.7945
18	rs12456241	5269960	A	0.07843	0.0931	G	4.467	0.03456	0.829
18	rs620652	5282030	A	0.1575	0.173	G	2.902	0.08847	0.8939
18	rs629258	5288759	A	0.3179	0.2987	C	3.017	0.08241	1.094
18	rs603313	5301143	G	0.3612	0.3927	A	7.208	0.007258	0.8744

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18	rs11665528	5306702	A	0.3383	0.3579	G	2.875	0.08995	0.9174
18	rs6506313	5644289	G	0.1579	0.1747	A	3.427	0.06414	0.8855
18	rs4797233	5822773	A	0.4211	0.4451	G	4.018	0.04501	0.9067
18	rs7234672	5875157	A	0.1235	0.1394	G	3.676	0.05521	0.8698
18	rs623220	6034355	G	0.3019	0.2797	A	4.193	0.04059	1.114
18	rs8096813	6152006	G	0.276	0.2428	A	10.14	0.001447	1.189
18	rs930747	6366973	A	0.1548	0.1387	G	3.693	0.05465	1.137
18	rs1436907	6374431	A	0.2998	0.3202	G	3.317	0.06858	0.9089
18	rs4797245	6487116	C	0.1703	0.1907	A	4.688	0.03038	0.871
18	rs8086426	6513098	A	0.02735	0.03523	G	3.229	0.07234	0.77
18	rs9953211	6636446	A	0.3287	0.3535	G	4.649	0.03107	0.8956
18	rs12968963	6742598	A	0.1538	0.1393	G	2.984	0.0841	1.123
18	rs12326891	6743738	A	0.3307	0.305	G	5.239	0.02208	1.126
18	rs7236448	6903534	A	0.3122	0.2897	G	4.228	0.03977	1.113
18	rs2567259	6909785	G	0.2428	0.2688	A	5.976	0.0145	0.8722
18	rs509497	6947193	G	0.4412	0.4695	A	5.55	0.01849	0.8922
18	rs633691	6957089	A	0.3483	0.323	C	5.011	0.02519	1.12
18	rs601304	6982327	A	0.4241	0.4007	G	3.929	0.04745	1.101
18	rs952428	6998901	G	0.1042	0.08826	A	5.372	0.02046	1.202
18	rs2065551	7074941	G	0.422	0.4451	A	3.72	0.05376	0.9103
18	rs10853343	7079885	G	0.2513	0.2723	A	3.88	0.04886	0.8967
18	rs12966305	7182874	A	0.2554	0.236	C	3.59	0.05812	1.111
18	rs7228707	7196704	A	0.07335	0.08856	C	5.028	0.02493	0.8146
18	rs7237053	7385660	A	0.1146	0.1295	G	3.471	0.06244	0.8694
18	rs16952507	7747048	A	0.07541	0.08921	G	4.1	0.04288	0.8327
18	rs12963758	7814091	G	0.06302	0.05293	A	3.429	0.06408	1.203
18	rs17473649	7843105	A	0.1259	0.1081	G	5.561	0.01837	1.188
18	rs1443604	7849605	A	0.291	0.2692	G	4.148	0.04167	1.114
18	rs550672	8123688	G	0.06605	0.05444	A	4.419	0.03553	1.228
18	rs523927	8152613	A	0.0485	0.05776	C	2.759	0.09669	0.8316
18	rs11872382	8153394	G	0.1858	0.2076	A	5.055	0.02456	0.8707
18	rs4399595	8217344	G	0.501	0.4783	A	3.572	0.05877	1.095
18	rs605470	8400522	A	0.193	0.211	G	3.38	0.066	0.8943
18	rs8083849	8481621	A	0.2007	0.2172	C	2.777	0.09563	0.905
18	rs7233676	8501586	A	0.3746	0.3456	G	6.381	0.01153	1.134
18	rs16953821	8571394	G	0.09261	0.07968	A	3.841	0.05002	1.179
18	rs7244245	8921652	G	0.1481	0.1296	A	5.159	0.02313	1.168
18	rs1893143	8962527	A	0.3934	0.3734	C	2.934	0.08675	1.088
18	rs10502389	8968472	A	0.1132	0.09596	G	5.826	0.01579	1.203
18	rs4798760	9004039	C	0.3087	0.2862	A	4.231	0.03968	1.114
18	rs8094970	9402451	A	0.3495	0.369	G	2.809	0.09372	0.9189
18	rs751355	9418420	G	0.4545	0.4776	A	3.67	0.05541	0.9115
18	rs9957312	9424027	A	0.3613	0.3821	C	3.158	0.07556	0.9148
18	rs608406	9640391	A	0.4648	0.4391	G	4.613	0.03173	1.109
18	rs4384658	9643171	G	0.1837	0.1661	A	3.814	0.05084	1.13
18	rs8091319	9674723	A	0.2118	0.1951	C	3.04	0.08124	1.109

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18	rs12958417	9826752	A	0.2772	0.2593	G	2.866	0.09048	1.096
18	rs9304048	9859865	G	0.4608	0.437	A	3.973	0.04624	1.101
18	rs8096805	9867540	A	0.09039	0.1052	G	4.081	0.04337	0.8451
18	rs10513906	10187500	A	0.2682	0.2477	G	3.829	0.05039	1.113
18	rs1123784	10300195	C	0.1058	0.08961	A	5.434	0.01975	1.202
18	rs6505543	10316596	A	0.1758	0.1561	G	5.035	0.02483	1.153
18	rs206605	10325737	C	0.4154	0.4377	A	3.487	0.06183	0.9129
18	rs7228911	10343779	G	0.05831	0.04554	A	6.292	0.01213	1.298
18	rs10502400	10343940	G	0.07039	0.06054	A	2.891	0.08906	1.175
18	rs367024	10388673	A	0.1785	0.1619	G	3.488	0.06181	1.125
18	rs1529533	10395984	A	0.3596	0.3836	G	4.208	0.04023	0.9024
18	rs206503	10414829	A	0.2648	0.2883	G	4.684	0.03045	0.8888
18	rs12957179	10418454	G	0.3266	0.3072	A	3.06	0.08023	1.094
18	rs677737	10507269	A	0.2178	0.1975	C	4.429	0.03533	1.131
18	rs510558	10545658	A	0.3321	0.3543	G	3.71	0.0541	0.9063
18	rs16974966	10552575	G	0.03977	0.05599	A	8.838	0.002949	0.6984
18	rs552137	10654050	G	0.2281	0.1994	A	8.786	0.003035	1.186
18	rs7236390	10688624	A	0.2456	0.2278	C	3.087	0.07891	1.104
18	rs7236574	10785051	A	0.1358	0.1155	C	6.872	0.008758	1.204
18	rs11080482	11063152	G	0.4255	0.4559	A	6.393	0.01146	0.8842
18	rs4506977	11153256	A	0.3395	0.3663	G	5.329	0.02097	0.8895
18	rs4629032	11158361	C	0.1298	0.1102	A	6.623	0.01007	1.204
18	rs4797529	11352587	A	0.471	0.4933	G	3.407	0.06494	0.9147
18	rs1009819	11597450	C	0.1333	0.1473	A	2.724	0.09887	0.8901
18	rs1551900	11597467	G	0.3771	0.3972	A	2.924	0.0873	0.9186
18	rs9961121	13209641	A	0.03096	0.02461	G	2.818	0.0932	1.266
18	rs1540080	13269341	A	0.2541	0.2722	G	2.86	0.09082	0.9108
18	rs9961087	13292671	A	0.1001	0.08445	G	5.368	0.02051	1.206
18	rs17681051	13313041	G	0.2116	0.2322	A	4.157	0.04147	0.8872
18	rs6505810	13360617	G	0.3978	0.3716	A	5.083	0.02417	1.117
18	rs12326878	13398960	C	0.4596	0.4388	A	3.04	0.08122	1.088
18	rs12964045	13442635	C	0.1281	0.1495	A	6.3	0.01207	0.8357
18	rs3809906	13452193	C	0.112	0.1254	A	2.878	0.08981	0.8792
18	rs1785108	13483554	G	0.307	0.3301	A	4.162	0.04133	0.8992
18	rs1785149	13562354	A	0.3086	0.329	G	3.284	0.06998	0.9101
18	rs11875334	14255834	C	0.188	0.17	A	3.905	0.04814	1.13
18	rs16967483	18299452	G	0.05062	0.06119	A	3.412	0.06473	0.8181
18	rs12961544	18388805	A	0.2924	0.3233	G	7.565	0.005951	0.8649
18	rs12455718	19023995	G	0.05986	0.07405	A	5.167	0.02302	0.7962
18	rs1652362	19430768	G	0.08729	0.07529	A	3.512	0.06094	1.175
18	rs12150751	19458515	A	0.1074	0.1224	G	3.623	0.05697	0.8632
18	rs8098360	19888294	A	0.06147	0.04922	G	5.388	0.02028	1.265
18	rs1421117	20196541	G	0.1949	0.1784	A	3.147	0.07608	1.115
18	rs17187632	20330975	G	0.2456	0.2274	A	3.242	0.07177	1.106
18	rs12604812	20342893	A	0.03509	0.05134	G	9.671	0.001872	0.672
18	rs12969149	20384821	A	0.05676	0.07159	G	5.833	0.01573	0.7803

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18	rs12454682	20412677	A	0.05699	0.06794	G	3.305	0.06905	0.8292
18	rs8086988	20764455	G	0.1692	0.203	A	12.3	0.0004526	0.8
18	rs1668852	20770864	A	0.4394	0.4674	C	5.434	0.01974	0.893
18	rs8085882	20997897	G	0.5134	0.4936	A	2.718	0.09924	1.083
18	rs4550540	21145629	G	0.468	0.4942	A	4.738	0.0295	0.9003
18	rs8083609	21168707	A	0.03044	0.0388	G	3.308	0.06893	0.7778
18	rs11662932	21211816	A	0.2555	0.238	G	2.862	0.09068	1.099
18	rs6508378	21311710	A	0.07224	0.08483	G	3.575	0.05866	0.84
18	rs9966851	21490532	A	0.2267	0.2516	G	5.713	0.01684	0.872
18	rs7243826	22407464	A	0.5077	0.4856	C	3.379	0.06605	1.093
18	rs920308	22471221	A	0.2172	0.201	G	2.802	0.09415	1.103
18	rs6470455	22555942	G	0.386	0.352	A	8.689	0.003201	1.157
18	rs470268	22567652	G	0.138	0.169	A	12	0.0005321	0.7867
18	rs675181	22593688	A	0.399	0.4203	G	3.205	0.07342	0.9155
18	rs11661081	22684030	A	0.08256	0.09703	C	4.187	0.04073	0.8374
18	rs163064	22752805	G	0.1682	0.186	A	3.645	0.05622	0.8849
18	rs8090838	23350903	G	0.04804	0.05984	A	4.355	0.0369	0.7928
18	rs1348388	23782528	G	0.1281	0.1475	A	5.195	0.02265	0.8492
18	rs1354418	24403377	A	0.05108	0.06137	G	3.225	0.0725	0.8233
18	rs16946152	24925960	G	0.1029	0.09023	A	3.318	0.06852	1.156
18	rs6508592	25403204	G	0.1522	0.1732	A	5.379	0.02038	0.8569
18	rs4591219	26177252	G	0.02893	0.0194	A	7.806	0.005208	1.505
18	rs2419034	26179095	A	0.2611	0.2322	G	8.008	0.004657	1.169
18	rs12326833	26759841	C	0.0614	0.07867	A	7.257	0.007064	0.7662
18	rs1789041	26809980	A	0.1122	0.0999	C	2.865	0.0905	1.139
18	rs12185409	26810765	A	0.2283	0.203	G	6.753	0.009357	1.162
18	rs1658129	26921083	A	0.04442	0.05667	G	4.945	0.02617	0.7739
18	rs11081680	27004748	G	0.0778	0.09626	A	6.855	0.008841	0.792
18	rs1437606	27019528	G	0.4467	0.4234	A	3.831	0.05031	1.1
18	rs1791196	27443768	A	0.02786	0.03631	G	3.606	0.05758	0.7607
18	rs2035418	27675167	C	0.3086	0.2897	A	2.979	0.08438	1.094
18	rs11662928	27834392	A	0.5176	0.4973	G	2.828	0.09266	1.084
18	rs7236796	27890231	C	0.1367	0.1226	A	3.166	0.07519	1.133
18	rs10502595	28224574	A	0.0805	0.09363	G	3.555	0.05937	0.8475
18	rs888459	31212403	G	0.1012	0.1251	A	9.161	0.002472	0.7875
18	rs11081903	31236348	A	0.3297	0.3069	G	4.213	0.04012	1.111
18	rs8086062	31272390	A	0.03357	0.02677	C	2.982	0.08421	1.263
18	rs3786394	31313063	C	0.1131	0.09622	A	5.564	0.01833	1.198
18	rs17649254	32029453	A	0.1088	0.09515	C	3.672	0.05535	1.161
18	rs680097	32064512	G	0.1012	0.08395	A	6.567	0.01039	1.229
18	rs529342	32103866	C	0.2307	0.2597	A	7.635	0.005723	0.8546
18	rs7228236	32249233	G	0.2018	0.2238	A	4.852	0.02762	0.8768
18	rs1398955	32264678	A	0.2281	0.2473	G	3.453	0.06313	0.8992
18	rs7236364	32335014	G	0.4633	0.484	A	2.943	0.08623	0.9205
18	rs1786825	33256723	A	0.227	0.2441	G	2.741	0.09778	0.9095
18	rs1786795	33288258	A	0.469	0.4465	C	3.538	0.05998	1.095

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18	rs9304173	33315195	G	0.09752	0.08286	A	4.8	0.02847	1.196
18	rs1787089	33668045	A	0.3833	0.3624	G	3.232	0.07222	1.093
18	rs7241839	33811825	A	0.1153	0.09977	G	4.558	0.03277	1.176
18	rs8099057	34021742	A	0.1971	0.1759	G	5.302	0.0213	1.15
18	rs954665	34090565	C	0.2626	0.2406	A	4.548	0.03296	1.124
18	rs1145551	34143629	A	0.3953	0.3721	G	3.951	0.04684	1.103
18	rs3744906	34489591	A	0.03818	0.04858	G	4.128	0.04217	0.7775
18	rs10502715	34770753	A	0.04249	0.05327	G	4.048	0.04421	0.7886
18	rs1573427	35071940	A	0.4505	0.4706	C	2.809	0.09374	0.9221
18	rs11082153	35580194	C	0.02178	0.02894	A	3.214	0.07302	0.7472
18	rs11082168	35945016	A	0.2523	0.2829	G	7.997	0.004687	0.8554
18	rs12965072	36238798	A	0.06618	0.05573	C	3.512	0.06092	1.201
18	rs9959057	36578306	G	0.4469	0.4729	A	4.709	0.03	0.9003
18	rs4890286	36926975	G	0.0421	0.05445	A	5.202	0.02256	0.7632
18	rs12455933	37523402	A	0.04318	0.03406	G	4.216	0.04005	1.28
18	rs9963027	38031271	A	0.2004	0.1829	C	3.513	0.0609	1.12
18	rs655464	38450365	A	0.2312	0.255	G	5.205	0.02253	0.8783
18	rs12959352	38479277	G	0.1319	0.1142	A	5.215	0.02239	1.178
18	rs4890408	38493418	C	0.09443	0.1097	A	4.197	0.04051	0.8459
18	rs9963027	38540181	C	0.01858	0.02474	A	2.793	0.09465	0.7461
18	rs16977678	39660609	A	0.2497	0.2707	C	3.848	0.0498	0.8969
18	rs11877406	39762833	A	0.1386	0.1547	G	3.463	0.06277	0.8789
18	rs1456605	40221499	C	0.1548	0.1735	A	4.254	0.03915	0.8724
18	rs10502850	40843712	A	0.0594	0.04744	G	5.314	0.02115	1.268
18	rs6507618	41286281	A	0.07224	0.08542	C	3.898	0.04836	0.8337
18	rs11659324	41550312	A	0.08927	0.07581	G	4.38	0.03636	1.195
18	rs872035	41552646	A	0.1606	0.1923	G	11.27	0.0007878	0.8034
18	rs17758320	42089271	A	0.03981	0.03264	G	2.745	0.09756	1.229
18	rs11663834	42199002	C	0.4845	0.4635	A	3.065	0.07999	1.088
18	rs16978569	42320826	G	0.1462	0.1323	A	2.879	0.08974	1.123
18	rs662397	42574834	C	0.2368	0.2151	A	4.786	0.02869	1.132
18	rs16952766	43210537	G	0.08411	0.07147	A	4.076	0.04348	1.193
18	rs6507752	43279093	A	0.04283	0.05526	C	5.229	0.02221	0.765
18	rs11661651	43364699	A	0.194	0.1772	G	3.3	0.06927	1.117
18	rs4313606	43811949	A	0.08514	0.09987	G	4.226	0.0398	0.8388
18	rs868306	44075538	A	0.2934	0.2748	G	2.986	0.08401	1.096
18	rs1122762	44120510	A	0.2172	0.1959	G	4.963	0.0259	1.139
18	rs11082688	44422574	C	0.06276	0.07659	A	4.731	0.02962	0.8073
18	rs10853569	44456231	A	0.2988	0.3186	G	3.135	0.07663	0.9113
18	rs12604748	44517314	A	0.2606	0.2789	G	2.869	0.09032	0.9114
18	rs4547405	44601203	A	0.4435	0.4682	G	4.212	0.04013	0.9052
18	rs4939839	44791458	A	0.1358	0.1527	G	3.84	0.05005	0.872
18	rs12606544	45377235	G	0.2456	0.2647	A	3.231	0.07224	0.9046
18	rs948929	45408941	G	0.2219	0.2021	A	4.152	0.04157	1.126
18	rs17713794	45626608	G	0.09856	0.08674	A	3.001	0.08322	1.151
18	rs9945925	45738865	A	0.1228	0.1075	G	4.14	0.04188	1.162

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18	rs10853589	45775158	A	0.07018	0.05776	G	4.78	0.02879	1.231
18	rs16951488	45864819	C	0.05573	0.04639	A	3.334	0.06788	1.213
18	rs17716461	45897739	A	0.1244	0.111	G	3.08	0.07924	1.137
18	rs8096557	46163651	G	0.3333	0.3535	A	3.078	0.07937	0.9143
18	rs920535	46211467	A	0.2807	0.2569	C	5.086	0.02412	1.129
18	rs2958004	46291648	A	0.1587	0.1749	C	3.156	0.07567	0.8896
18	rs7227230	46484894	G	0.4809	0.4531	A	5.367	0.02052	1.118
18	rs9635955	46517113	G	0.19	0.2065	A	2.879	0.08974	0.9013
18	rs7243488	47703382	A	0.07076	0.05086	G	13.6	0.0002267	1.421
18	rs9304414	47769552	C	0.1398	0.1573	A	4.019	0.045	0.8708
18	rs9807432	47918470	G	0.4979	0.4709	A	5.067	0.02438	1.114
18	rs1899992	48037551	C	0.1522	0.1385	A	2.717	0.09928	1.117
18	rs12455312	48142821	A	0.05005	0.05959	G	2.848	0.09147	0.8315
18	rs7231326	48169408	A	0.452	0.426	G	4.73	0.02964	1.111
18	rs3862684	48191249	A	0.1507	0.1365	G	2.932	0.08683	1.123
18	rs2219556	48399088	G	0.08793	0.103	A	4.26	0.03903	0.8398
18	rs1675225	48412076	A	0.1259	0.1112	G	3.736	0.05324	1.151
18	rs9948007	48609805	G	0.04348	0.05486	A	4.39	0.03615	0.7831
18	rs4940235	48807971	C	0.4416	0.4714	A	6.127	0.01331	0.887
18	rs870508	49281553	C	0.1027	0.1233	A	6.872	0.008753	0.8139
18	rs2270954	49311296	A	0.1187	0.1434	C	8.699	0.003184	0.8046
18	rs12970870	49365562	A	0.1978	0.1767	G	5.263	0.02179	1.149
18	rs1442080	49438592	A	0.3184	0.3411	G	3.971	0.04628	0.9023
18	rs1539884	50972233	C	0.2073	0.23	A	5.045	0.0247	0.8755
18	rs17597288	51328206	G	0.1414	0.1227	A	5.54	0.01859	1.178
18	rs17789438	51900799	G	0.1151	0.1021	A	3.146	0.07611	1.144
18	rs1657412	52797524	C	0.1011	0.08747	A	3.976	0.04615	1.174
18	rs4092465	53231435	A	0.3851	0.3642	G	3.219	0.07277	1.093
18	rs2269223	53384038	G	0.3578	0.3777	A	2.893	0.08897	0.9182
18	rs411805	53449884	A	0.4453	0.4686	G	3.756	0.05262	0.9105
18	rs7239484	53594710	A	0.1981	0.1796	G	3.975	0.04618	1.129
18	rs4112713	53660979	C	0.2185	0.1958	A	5.563	0.01835	1.148
18	rs483540	53927525	G	0.06198	0.05279	A	2.865	0.09052	1.186
18	rs3826593	54355727	G	0.05934	0.0711	A	3.676	0.05521	0.8241
18	rs11659233	54412703	G	0.1465	0.1283	A	5.044	0.02471	1.166
18	rs4940732	54436031	G	0.4979	0.4738	A	4.037	0.0445	1.102
18	rs1111337	54861613	A	0.1518	0.1333	C	4.975	0.02572	1.163
18	rs4940826	54909556	G	0.02735	0.03455	A	2.741	0.0978	0.7858
18	rs12606960	55471406	A	0.1001	0.08434	G	5.45	0.01957	1.208
18	rs12962636	56125779	A	0.06995	0.057	G	5.237	0.02211	1.244
18	rs1457490	56125900	G	0.07277	0.08676	A	4.305	0.03801	0.8261
18	rs11872992	56191567	A	0.1262	0.1555	G	11.49	0.0006991	0.784
18	rs614729	56380192	A	0.09219	0.08033	G	3.21	0.07321	1.163
18	rs1455499	56516875	A	0.06515	0.08037	G	5.498	0.01904	0.7974
18	rs9646627	56680933	G	0.07585	0.05949	A	8.022	0.00462	1.298
18	rs7233420	56724131	A	0.07752	0.06599	C	3.63	0.05674	1.189

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18	rs7233985	57170871	A	0.5109	0.4831	C	5.303	0.02128	1.117
18	rs8084568	57190720	A	0.1166	0.09864	G	6.154	0.01311	1.206
18	rs17068252	57193766	C	0.02838	0.04128	A	7.501	0.006166	0.6784
18	rs2282651	57566437	A	0.0811	0.09484	G	3.846	0.04987	0.8423
18	rs7226991	58139671	A	0.3151	0.2894	G	5.496	0.01906	1.13
18	rs8083014	58181567	A	0.2116	0.2341	C	4.923	0.02651	0.8779
18	rs1942858	58214564	G	0.1582	0.1395	A	4.922	0.02651	1.159
18	rs7233641	58438386	A	0.1548	0.1724	G	3.776	0.05198	0.8793
18	rs12454712	58996864	G	0.404	0.3761	A	5.71	0.01687	1.125
18	rs489520	59180491	G	0.0903	0.07879	A	3.105	0.07804	1.161
18	rs7230063	59220773	C	0.03922	0.04862	A	3.366	0.06656	0.7987
18	rs1355195	59251515	G	0.2994	0.2744	A	5.355	0.02067	1.13
18	rs3786330	59305973	C	0.1188	0.1327	A	2.914	0.08782	0.8813
18	rs17072279	59780344	G	0.0605	0.05088	A	3.236	0.07202	1.201
18	rs8096869	60152069	G	0.07704	0.09336	A	5.514	0.01886	0.8106
18	rs2059006	60173084	A	0.05527	0.04465	G	4.451	0.03489	1.252
18	rs10503094	60691045	C	0.05228	0.0637	A	3.835	0.0502	0.8108
18	rs4488562	60846163	A	0.08437	0.07195	G	3.908	0.04805	1.189
18	rs480018	61012579	G	0.08282	0.09799	A	4.552	0.03289	0.8312
18	rs7239967	61176726	A	0.3602	0.3385	C	3.625	0.05691	1.1
18	rs12956154	61329341	G	0.1126	0.09316	A	7.557	0.005978	1.235
18	rs17783165	61612618	G	0.3176	0.3366	A	2.778	0.09555	0.9174
18	rs11665474	61656681	A	0.3672	0.3411	G	5.212	0.02243	1.121
18	rs17711596	61681120	A	0.06553	0.05354	G	4.784	0.02873	1.24
18	rs717832	62063678	A	0.2383	0.2587	G	3.747	0.05291	0.8964
18	rs12458066	62403535	A	0.4747	0.495	G	2.832	0.09238	0.9221
18	rs12957557	62874040	A	0.1204	0.1396	G	5.396	0.02018	0.8431
18	rs11877044	63218500	G	0.04041	0.03099	A	4.928	0.02643	1.317
18	rs17077300	63238820	G	0.1043	0.08974	A	4.429	0.03533	1.182
18	rs894910	63439699	G	0.4051	0.3839	A	3.248	0.0715	1.092
18	rs7237209	63465082	A	0.162	0.1386	G	7.79	0.005252	1.201
18	rs2448709	63469516	A	0.08256	0.09411	C	2.734	0.09824	0.8662
18	rs12455641	63734534	A	0.06966	0.08358	G	4.437	0.03516	0.821
18	rs10163736	63883577	G	0.09772	0.08373	A	4.325	0.03756	1.185
18	rs7243192	63981586	G	0.1249	0.1111	A	3.297	0.06941	1.142
18	rs1351616	64126718	A	0.2307	0.2574	G	6.494	0.01082	0.865
18	rs12457620	64152547	G	0.5062	0.4814	A	4.246	0.03934	1.105
18	rs17232005	64421676	A	0.1914	0.1758	G	2.88	0.08971	1.11
18	rs17080877	65167459	G	0.1613	0.1457	A	3.344	0.06743	1.128
18	rs2119960	65299042	A	0.2049	0.2234	G	3.415	0.06461	0.8958
18	rs8082828	65330234	A	0.176	0.159	G	3.66	0.05572	1.129
18	rs4513200	65399549	G	0.08945	0.1115	A	8.594	0.003373	0.7831
18	rs12104016	65622446	A	0.04621	0.06095	G	6.676	0.009772	0.7465
18	rs7238367	65746618	A	0.2487	0.229	G	3.752	0.05275	1.114
18	rs1843195	66091676	A	0.05779	0.06868	G	3.248	0.0715	0.8318
18	rs17809666	66134737	G	0.07585	0.06543	A	3.015	0.08249	1.172

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18	rs1440329	66188096	A	0.2152	0.1971	G	3.523	0.06052	1.117
18	rs6566473	66265989	G	0.1817	0.2074	A	7.006	0.008121	0.8483
18	rs2141834	66329898	A	0.2914	0.3115	G	3.24	0.07185	0.9091
18	rs11661538	67260258	A	0.1479	0.131	G	4.254	0.03915	1.151
18	rs12967868	67442402	A	0.4386	0.4166	G	3.435	0.06384	1.094
18	rs9956771	67483382	G	0.4902	0.4692	A	3.038	0.08133	1.088
18	rs2062960	67533577	A	0.08006	0.06918	G	3.117	0.07746	1.171
18	rs9958031	68024552	G	0.09657	0.07842	A	7.644	0.005696	1.256
18	rs4430852	68043724	G	0.235	0.2149	A	4.098	0.04293	1.122
18	rs4362477	68114126	G	0.2606	0.2423	A	3.134	0.07666	1.102
18	rs10514051	68450230	A	0.06139	0.07231	G	3.089	0.07882	0.8392
18	rs9949865	68488363	G	0.2319	0.2146	A	3.053	0.08058	1.105
18	rs9319849	68509862	G	0.3671	0.345	A	3.718	0.05382	1.101
18	rs8084533	68640760	G	0.1202	0.1035	A	5.139	0.0234	1.184
18	rs1484220	68649275	G	0.2079	0.2411	A	10.45	0.001227	0.8266
18	rs2020233	69105459	A	0.05331	0.06383	C	3.239	0.07191	0.826
18	rs11660744	69178521	G	0.358	0.332	A	5.232	0.02218	1.122
18	rs10782057	69340773	A	0.1581	0.1413	C	3.923	0.04763	1.14
18	rs10514074	69390561	G	0.1009	0.084	A	6.284	0.01218	1.224
18	rs1943923	69777691	G	0.0352	0.04585	A	4.577	0.0324	0.7591
18	rs17088617	69804383	A	0.1863	0.1696	G	3.381	0.06596	1.121
18	rs4892168	69804831	A	0.34	0.3653	G	4.777	0.02884	0.8951
18	rs12326826	70387463	G	0.273	0.2935	A	3.533	0.06016	0.9037
18	rs2581644	71116477	A	0.2032	0.2244	G	4.48	0.03429	0.8814
18	rs10514165	71173399	G	0.03986	0.0496	A	3.538	0.05998	0.7954
18	rs17192737	71174460	A	0.1675	0.1449	G	7.01	0.008104	1.187
18	rs8089281	71239449	A	0.09349	0.1071	G	3.372	0.06632	0.86
18	rs12454238	71694875	G	0.2999	0.2794	A	3.573	0.05874	1.105
18	rs1354876	71820641	G	0.08402	0.09634	A	3.032	0.08166	0.8604
18	rs181698	71959716	A	0.5233	0.4968	G	4.819	0.02816	1.112
18	rs6565851	72016380	A	0.2283	0.2463	G	3.026	0.08192	0.9053
18	rs6565887	72311963	G	0.0516	0.06506	A	5.25	0.02195	0.7819
18	rs3991132	72325606	A	0.03251	0.02607	G	2.739	0.0979	1.255
18	rs3813102	72336563	A	0.1605	0.1408	G	5.454	0.01953	1.167
18	rs9957453	72495194	C	0.05934	0.07277	A	4.702	0.03012	0.8038
18	rs4635418	72553731	G	0.1001	0.113	A	2.912	0.08791	0.8728
18	rs9960330	72559459	G	0.09452	0.08122	A	4.02	0.04496	1.181
18	rs1106218	72595148	A	0.2329	0.2518	G	3.268	0.07065	0.9023
18	rs17650693	72597913	A	0.07645	0.06432	G	4.129	0.04215	1.204
18	rs17651075	72600805	A	0.243	0.2259	G	2.867	0.09039	1.1
18	rs10514234	72844737	G	0.04076	0.04928	A	2.721	0.09905	0.8198
18	rs1667914	72932072	G	0.1398	0.1619	A	6.265	0.01231	0.8416
18	rs736421	72942553	A	0.4201	0.3986	G	3.301	0.06925	1.093
18	rs17589282	73033840	A	0.07224	0.08471	C	3.513	0.06089	0.8413
18	rs2717100	73055415	A	0.2673	0.2915	G	4.887	0.02705	0.8869
18	rs2850905	73148982	A	0.0155	0.0248	G	6.428	0.01124	0.6189

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18	rs1009134	73205041	A	0.1018	0.1144	G	2.748	0.0974	0.877
18	rs7231666	73245483	G	0.1178	0.1454	A	10.77	0.001034	0.7847
18	rs9967336	73695170	G	0.1264	0.1099	A	4.756	0.0292	1.172
18	rs4294903	73940651	C	0.2219	0.2014	A	4.473	0.03443	1.131
18	rs7506098	74072824	A	0.3197	0.2931	G	5.865	0.01545	1.134
18	rs4312393	74103871	A	0.07239	0.08703	G	4.726	0.02971	0.8186
18	rs8085865	74148481	A	0.3198	0.2963	G	4.524	0.03343	1.117
18	rs7245277	74238260	G	0.07039	0.08251	A	3.384	0.06581	0.8421
18	rs8087023	74559468	A	0.09091	0.07811	G	3.86	0.04945	1.18
18	rs496809	74857661	A	0.05418	0.06588	G	3.908	0.04806	0.8122
18	rs2271392	75233743	C	0.2477	0.2693	A	4.105	0.04274	0.8935
18	rs3859314	75249961	A	0.186	0.1693	G	3.371	0.06637	1.121
18	rs4799055	75282991	A	0.44	0.465	C	4.324	0.03758	0.9041
18	rs8090560	75314143	A	0.1956	0.2143	G	3.638	0.05648	0.8911
18	rs4799067	75437824	A	0.1806	0.1634	G	3.708	0.05415	1.129
18	rs599554	75574074	A	0.1448	0.1627	G	4.101	0.04285	0.8712
18	rs12970236	76108775	A	0.3973	0.4217	G	4.214	0.04008	0.9041
19	rs12982646	450978	A	0.2986	0.2785	G	3.423	0.06429	1.103
19	rs16990597	489531	G	0.02896	0.0221	A	3.629	0.05679	1.32
19	rs2285751	602852	A	0.06553	0.04656	G	13.42	0.0002489	1.436
19	rs3787018	677098	A	0.05192	0.04333	C	2.992	0.08368	1.209
19	rs2074639	791984	A	0.2069	0.2241	G	2.95	0.08587	0.9033
19	rs3761007	801574	A	0.07541	0.09494	G	7.803	0.005215	0.7776
19	rs2965292	841844	G	0.2828	0.2642	A	3.055	0.08049	1.098
19	rs168405	861742	C	0.3089	0.2905	A	2.802	0.09416	1.091
19	rs739883	957768	A	0.3669	0.3883	G	3.341	0.06758	0.9129
19	rs3787016	1041803	A	0.2668	0.2419	G	5.78	0.01621	1.14
19	rs2292453	1477470	A	0.2193	0.2397	G	3.947	0.04696	0.8912
19	rs757528	1733798	G	0.3142	0.3416	A	5.745	0.01654	0.8834
19	rs4368272	2134462	G	0.01754	0.02496	A	4.031	0.04466	0.6974
19	rs11670333	2436656	A	0.418	0.4378	G	2.768	0.09616	0.9221
19	rs17755100	2463876	A	0.1503	0.1291	G	6.779	0.009225	1.193
19	rs2907335	2510932	A	0.05057	0.06517	G	6.182	0.0129	0.764
19	rs8104096	2561822	A	0.2466	0.2658	G	3.263	0.07085	0.9043
19	rs887500	2813785	C	0.1369	0.1559	A	4.799	0.02848	0.8585
19	rs4807441	3274420	A	0.02169	0.02941	G	3.696	0.05453	0.7319
19	rs740873	3649333	A	0.06715	0.05314	G	6.54	0.01055	1.282
19	rs2302304	3684651	A	0.1017	0.08983	G	2.909	0.08808	1.146
19	rs11668141	3708409	A	0.3338	0.3148	G	2.907	0.08819	1.091
19	rs12459940	4069871	G	0.2766	0.2969	A	3.415	0.06459	0.9056
19	rs350887	4070012	A	0.2162	0.1999	G	2.83	0.09251	1.104
19	rs918484	4252845	G	0.2296	0.2111	A	3.536	0.06004	1.114
19	rs16992410	4438806	G	0.1209	0.1348	A	2.882	0.0896	0.8827
19	rs10409783	4506786	A	0.2451	0.2672	G	4.319	0.0377	0.8906
19	rs11673509	5031647	A	0.06256	0.07886	G	6.429	0.01123	0.7796
19	rs4807016	5209490	A	0.3519	0.3289	G	4.121	0.04234	1.108

GNE_0369PR_Table51									
19	rs892140	5303551	G	0.1816	0.1636	A	4.005	0.04536	1.134
19	rs2260187	5750806	G	0.1973	0.1815	A	2.88	0.08968	1.109
19	rs3760776	5790746	A	0.08359	0.097	G	3.589	0.05816	0.8492
19	rs874232	5794609	G	0.3965	0.4322	A	8.945	0.002783	0.8632
19	rs6510860	5814155	A	0.2531	0.2298	G	5.257	0.02185	1.136
19	rs348365	6406414	G	0.4365	0.4596	A	3.686	0.05487	0.9111
19	rs12977027	6530789	A	0.06914	0.08096	G	3.285	0.0699	0.8432
19	rs17703895	6542146	A	0.3263	0.2948	C	8.139	0.004332	1.158
19	rs344580	6560390	G	0.227	0.2089	A	3.415	0.06461	1.112
19	rs12462065	6589300	A	0.01909	0.02696	G	4.204	0.04032	0.7024
19	rs426374	6590430	A	0.0547	0.0351	G	18.47	1.725e-05	1.591
19	rs12609318	6614916	A	0.2296	0.2514	G	4.39	0.03616	0.8874
19	rs11672613	6656246	G	0.4458	0.4225	A	3.845	0.04991	1.1
19	rs11569429	6660074	A	0.124	0.1448	G	6.138	0.01323	0.8356
19	rs171094	6678365	G	0.3763	0.3445	A	7.682	0.005576	1.148
19	rs339408	6693864	G	0.3905	0.4204	A	6.326	0.0119	0.8834
19	rs2914572	7019207	G	0.3823	0.3627	A	2.824	0.09287	1.087
19	rs17637922	7034818	A	0.1434	0.1591	G	3.188	0.07419	0.8851
19	rs11672739	7085266	A	0.1357	0.12	G	3.977	0.04611	1.151
19	rs7254060	7234414	A	0.04541	0.05603	G	3.754	0.05269	0.8014
19	rs7507911	7249095	A	0.1376	0.1523	G	2.9	0.08856	0.888
19	rs36258	8232244	G	0.4763	0.4553	A	3.044	0.08104	1.088
19	rs28133	8233502	A	0.06504	0.07696	G	3.482	0.06203	0.8343
19	rs250508	8240280	A	0.4184	0.4459	G	5.296	0.02138	0.8938
19	rs1561406	8612106	A	0.08576	0.07391	C	3.461	0.06283	1.175
19	rs12461770	8636038	G	0.1426	0.1282	A	3.177	0.07466	1.132
19	rs7257704	8693319	A	0.1806	0.1979	G	3.268	0.07063	0.8934
19	rs881877	8880429	G	0.3653	0.3436	A	3.587	0.05823	1.099
19	rs11882828	8965152	A	0.195	0.1654	G	10.82	0.001004	1.223
19	rs1469082	8979319	A	0.2198	0.2462	G	6.532	0.0106	0.8626
19	rs889125	9981571	C	0.2064	0.1875	A	4.004	0.0454	1.127
19	rs6511401	10043565	A	0.2541	0.2336	G	4.023	0.04489	1.118
19	rs15723	10064171	G	0.1109	0.09681	A	3.885	0.04871	1.164
19	rs2116941	10195443	A	0.2172	0.1986	C	3.714	0.05395	1.12
19	rs8113472	10469064	A	0.07895	0.09384	C	4.57	0.03254	0.8277
19	rs11557092	11118018	A	0.2841	0.2637	G	3.658	0.05581	1.108
19	rs7188	11136139	C	0.3235	0.3451	A	3.551	0.0595	0.9078
19	rs17001671	11792746	G	0.04649	0.03804	A	3.284	0.06995	1.233
19	rs7255420	12018839	A	0.04132	0.03203	G	4.654	0.03099	1.303
19	rs7255217	12479699	A	0.226	0.2458	G	3.693	0.05465	0.8955
19	rs2074879	13233589	A	0.3968	0.3771	G	2.854	0.09114	1.087
19	rs4926244	13235913	G	0.1496	0.1662	A	3.437	0.06376	0.883
19	rs1982632	14000004	A	0.2192	0.2022	G	3.069	0.0798	1.108
19	rs7258844	14411295	A	0.07379	0.08571	G	3.173	0.07487	0.8498
19	rs1042728	14442063	G	0.08359	0.06999	A	4.807	0.02835	1.212
19	rs8104167	14525933	A	0.4618	0.4368	G	4.373	0.0365	1.106

GNE_0369PR_TableS1									
19	rs4292032	14598431	C	0.07172	0.08356	A	3.2	0.07364	0.8474
19	rs10409376	14858907	A	0.1285	0.1133	G	3.927	0.04751	1.154
19	rs4569396	14873726	A	0.3428	0.3237	G	2.852	0.09127	1.09
19	rs4809019	15115571	A	0.03251	0.02567	G	3.133	0.07671	1.275
19	rs10417567	15169068	A	0.1405	0.1257	G	3.419	0.06446	1.137
19	rs4809130	15248928	A	0.1202	0.1073	G	2.985	0.08402	1.137
19	rs8112108	15527533	A	0.2652	0.2962	G	8	0.004676	0.8576
19	rs622886	15559696	A	0.09752	0.1113	G	3.335	0.06782	0.8631
19	rs2683043	15625071	C	0.05005	0.05968	A	2.899	0.08865	0.8301
19	rs12610635	15975641	A	0.06095	0.07419	G	4.476	0.03437	0.81
19	rs10409140	16020493	G	0.516	0.4946	A	3.171	0.07497	1.09
19	rs2262138	16213403	G	0.2755	0.2541	A	4.144	0.04178	1.116
19	rs7247204	16704244	G	0.4152	0.3955	A	2.788	0.09498	1.085
19	rs4808526	16737099	A	0.02012	0.02976	G	5.746	0.01652	0.6696
19	rs8102899	16885533	G	0.2487	0.2671	A	3.007	0.0829	0.9082
19	rs7246865	17080105	A	0.2962	0.2782	G	2.774	0.09578	1.092
19	rs4808583	17139979	C	0.3382	0.3085	A	7.051	0.007921	1.145
19	rs7248783	17639832	A	0.1058	0.129	G	8.437	0.003677	0.7985
19	rs2042298	17753591	A	0.0486	0.05991	G	3.985	0.04591	0.8017
19	rs7256058	17775484	A	0.09236	0.1072	G	4.011	0.0452	0.8477
19	rs3826969	18232394	A	0.1794	0.1967	G	3.275	0.07034	0.893
19	rs3746185	18335542	A	0.016	0.02168	G	2.708	0.09987	0.7334
19	rs6413435	18358137	A	0.2089	0.1834	G	7.357	0.00668	1.176
19	rs7251067	18461056	A	0.1486	0.1292	G	5.697	0.017	1.176
19	rs10423674	18678903	A	0.347	0.3241	C	4.084	0.0433	1.108
19	rs8104653	18789480	A	0.3595	0.3854	G	4.899	0.02688	0.895
19	rs7250622	18845843	G	0.1434	0.1586	A	2.997	0.08341	0.8884
19	rs10403594	18883204	G	0.07025	0.08245	A	3.444	0.06346	0.8408
19	rs247797	19716939	A	0.274	0.2976	G	4.612	0.03174	0.8908
19	rs12461018	19810209	A	0.214	0.1942	G	4.274	0.0387	1.13
19	rs11878327	20175416	A	0.03354	0.0432	C	3.99	0.04576	0.7686
19	rs8111389	20350861	A	0.3363	0.3175	G	2.787	0.09505	1.089
19	rs4808263	20682646	A	0.05424	0.04422	G	3.995	0.04563	1.239
19	rs8113074	21567334	A	0.2043	0.2325	G	7.741	0.005399	0.8478
19	rs2015481	21650834	A	0.2238	0.2413	G	2.886	0.08933	0.9066
19	rs7254083	23046994	A	0.0501	0.06662	G	7.754	0.005359	0.739
19	rs1658216	23253264	G	0.233	0.2547	A	4.325	0.03756	0.8886
19	rs295351	23291067	G	0.06295	0.04911	A	6.878	0.008728	1.301
19	rs797880	23534198	A	0.2187	0.1904	G	8.869	0.002901	1.191
19	rs2061781	33173062	A	0.1187	0.1026	G	4.772	0.02892	1.178
19	rs8101993	35295373	G	0.2123	0.232	A	3.79	0.05156	0.8921
19	rs4805553	35540733	G	0.2965	0.3194	A	4.198	0.04048	0.8978
19	rs4805579	35744114	G	0.4364	0.4143	A	3.47	0.06249	1.095
19	rs11668441	36495510	A	0.09039	0.1064	G	4.704	0.03009	0.8348
19	rs2194198	36728531	A	0.3166	0.3374	G	3.324	0.06826	0.9101
19	rs11669542	36885063	A	0.02786	0.03513	G	2.749	0.09731	0.7872

GNE_0369PR_TableS1									
19	rs17593731	36918765	G	0.03926	0.0503	A	4.503	0.03383	0.7715
19	rs2017628	37276430	G	0.3442	0.3725	A	5.916	0.015	0.8841
19	rs259294	37860843	A	0.3065	0.2853	C	3.8	0.05126	1.107
19	rs17304583	37998062	A	0.03199	0.04057	G	3.336	0.06778	0.7816
19	rs1559225	38026818	A	0.1391	0.1543	G	3.077	0.07941	0.8856
19	rs3764633	38131027	A	0.1968	0.1812	G	2.819	0.09316	1.107
19	rs17833557	38328759	A	0.1316	0.1159	G	4.103	0.0428	1.156
19	rs10853928	38825549	A	0.4541	0.434	G	2.816	0.09333	1.085
19	rs1035937	38830785	A	0.1259	0.1408	G	3.217	0.07289	0.8786
19	rs8109215	38895934	G	0.1347	0.1199	A	3.507	0.0611	1.142
19	rs17227533	38906570	A	0.09856	0.1175	C	6.038	0.014	0.8215
19	rs10520203	38923549	A	0.08781	0.1004	G	3.042	0.08113	0.8629
19	rs285676	38974782	C	0.1192	0.1392	A	5.848	0.0156	0.8367
19	rs4805953	39106166	A	0.2324	0.25	G	2.804	0.09403	0.9086
19	rs2169793	39774120	A	0.4505	0.4265	G	4.048	0.04422	1.102
19	rs8113650	40189466	G	0.3968	0.425	A	5.625	0.01771	0.89
19	rs17612800	40346695	A	0.1096	0.09737	G	2.865	0.09055	1.141
19	rs12986261	40581373	G	0.2614	0.28	A	2.989	0.08383	0.9098
19	rs16970293	40590481	G	0.0605	0.07497	A	5.307	0.02125	0.7945
19	rs11084823	40739214	G	0.21	0.1868	A	6.042	0.01397	1.157
19	rs3761093	40828289	A	0.3543	0.3298	G	4.68	0.03052	1.115
19	rs2291067	40965374	A	0.2123	0.1887	G	6.196	0.01281	1.159
19	rs120960	40968607	A	0.4097	0.4386	G	5.87	0.0154	0.8883
19	rs401522	40986419	A	0.05831	0.04919	G	3.012	0.08267	1.197
19	rs11671781	40987215	A	0.4082	0.429	G	3.059	0.08028	0.918
19	rs12610011	41001161	C	0.1667	0.1474	A	5.027	0.02496	1.157
19	rs7257838	43152637	C	0.02786	0.03838	A	5.325	0.02103	0.7181
19	rs332847	43334646	A	0.1254	0.1103	G	3.923	0.04763	1.156
19	rs3786870	43447704	A	0.2497	0.2294	G	4.002	0.04545	1.118
19	rs12609878	43574621	C	0.1307	0.1171	A	3.033	0.08157	1.134
19	rs6508808	43752078	A	0.06205	0.07359	G	3.42	0.0644	0.8328
19	rs7253187	44157001	A	0.2503	0.2331	G	2.836	0.09216	1.098
19	rs2318898	44240640	A	0.3695	0.3373	G	7.92	0.00489	1.151
19	rs3900716	44601554	A	0.1655	0.1815	G	3.01	0.08274	0.894
19	rs6508878	44778481	A	0.1429	0.1582	G	3.032	0.08162	0.8876
19	rs17795657	44789530	A	0.08617	0.07473	G	3.219	0.0728	1.168
19	rs12463334	44861168	G	0.3233	0.3034	A	3.233	0.07216	1.097
19	rs7252868	45042569	A	0.2831	0.2642	G	3.134	0.07669	1.099
19	rs7248861	45527538	G	0.1636	0.1484	A	3.117	0.07747	1.122
19	rs11670988	45578833	A	0.08669	0.1003	G	3.587	0.05825	0.8515
19	rs10413521	45715351	A	0.3729	0.4093	G	9.456	0.002105	0.8583
19	rs7254268	45833274	A	0.4721	0.4508	G	3.158	0.07556	1.089
19	rs3844443	46123775	A	0.2407	0.2598	G	3.274	0.07039	0.9033
19	rs10426454	46329059	A	0.1641	0.1796	G	2.853	0.0912	0.8964
19	rs168109	46408111	G	0.5263	0.4883	A	9.954	0.001605	1.164
19	rs1076362	46783003	A	0.1295	0.1457	G	3.653	0.05598	0.8726

GNE_0369PR_TableS1									
19	rs4802131	47293152	G	0.07172	0.05763	A	6.152	0.01313	1.263
19	rs12610309	47359932	A	0.04145	0.05036	G	2.908	0.08815	0.8154
19	rs8111681	48346049	A	0.1536	0.1704	C	3.493	0.06161	0.8831
19	rs17711503	48500314	G	0.05831	0.0697	A	3.513	0.06088	0.8264
19	rs10853766	48606673	A	0.2786	0.2555	G	4.836	0.02787	1.126
19	rs3213287	48763248	G	0.03771	0.05249	A	7.8	0.005224	0.7074
19	rs10402946	48831022	A	0.2833	0.2633	G	3.534	0.06011	1.106
19	rs436681	48877766	G	0.0886	0.1029	A	3.879	0.04888	0.8472
19	rs11673332	49031282	G	0.1105	0.1274	A	4.449	0.03492	0.8514
19	rs399098	49110664	G	0.517	0.4956	A	3.167	0.07516	1.089
19	rs17800760	49705799	A	0.1365	0.1591	G	6.632	0.01002	0.8358
19	rs10408247	49721048	A	0.07792	0.09421	G	5.462	0.01943	0.8124
19	rs4803750	49939467	G	0.06973	0.05976	A	2.997	0.08344	1.179
19	rs2075650	50087459	G	0.114	0.1331	A	5.499	0.01903	0.8384
19	rs572634	50974343	C	0.1389	0.1185	A	6.792	0.009156	1.2
19	rs7248426	51046169	G	0.2611	0.2439	A	2.743	0.09768	1.095
19	rs11669442	51066397	G	0.3194	0.3458	A	5.334	0.02091	0.8878
19	rs4803880	51192134	A	0.5083	0.4793	G	5.787	0.01614	1.123
19	rs4803892	51238863	G	0.2704	0.2458	A	5.61	0.01786	1.138
19	rs6509286	51768118	C	0.3033	0.2835	A	3.323	0.06831	1.101
19	rs10113	51804488	G	0.4576	0.4859	A	5.505	0.01896	0.8928
19	rs1862336	51980485	A	0.2588	0.2377	G	4.189	0.04069	1.12
19	rs918486	51987492	G	0.04438	0.03485	A	4.527	0.03336	1.286
19	rs2032809	52428056	A	0.3902	0.4149	G	4.259	0.03904	0.9025
19	rs2287688	52471101	G	0.2962	0.3162	A	3.214	0.073	0.91
19	rs8104255	52612992	C	0.09752	0.08453	A	3.707	0.0542	1.17
19	rs17272603	53018384	A	0.1574	0.1359	G	6.707	0.009602	1.188
19	rs2910400	53085854	C	0.2884	0.3207	A	8.28	0.004009	0.8587
19	rs296376	53093141	A	0.1463	0.1284	G	4.891	0.027	1.164
19	rs182421	53095295	G	0.1818	0.1626	A	4.619	0.03163	1.144
19	rs16981057	53164286	A	0.06043	0.07246	G	3.77	0.05218	0.8234
19	rs1050671	53577730	A	0.1513	0.175	G	6.772	0.009262	0.8406
19	rs7256033	54209025	G	0.4314	0.41	A	3.263	0.07085	1.092
19	rs3745298	54350179	A	0.4303	0.4504	G	2.816	0.09333	0.9217
19	rs11668324	54926766	A	0.234	0.2074	G	7.339	0.006746	1.167
19	rs10408812	54967944	A	0.2642	0.2429	G	4.213	0.04011	1.119
19	rs8108252	55135873	C	0.3972	0.3778	A	2.757	0.09682	1.085
19	rs3826772	55496950	G	0.155	0.1396	A	3.368	0.06647	1.131
19	rs11879310	55728887	A	0.08669	0.1008	G	3.844	0.04991	0.8467
19	rs2098683	55755491	G	0.2913	0.2681	A	4.697	0.03022	1.122
19	rs2042279	55795173	G	0.3012	0.3203	A	2.892	0.08903	0.9147
19	rs12459891	55971694	A	0.1278	0.1071	G	7.621	0.005769	1.222
19	rs1080669	56258080	A	0.1454	0.1601	G	2.775	0.09575	0.8928
19	rs1001538	56263967	G	0.2627	0.2858	A	4.52	0.0335	0.8904
19	rs17659963	56570653	G	0.1231	0.1098	A	3.078	0.07935	1.138
19	rs12972180	56710352	A	0.2386	0.2148	G	5.735	0.01663	1.146

GNE_0369PR_TableS1									
19	rs17716848	56775319	A	0.09411	0.1102	G	4.614	0.03171	0.8388
19	rs10500308	56800742	G	0.4644	0.4306	A	8.022	0.004622	1.147
19	rs4802863	56960784	A	0.3684	0.347	G	3.484	0.06198	1.098
19	rs17835942	57434178	A	0.0848	0.07264	G	3.714	0.05396	1.183
19	rs7257138	57810841	G	0.3459	0.3692	A	4.035	0.04457	0.9034
19	rs13345475	58062157	A	0.2771	0.3007	G	4.596	0.03205	0.8914
19	rs182775	58187145	G	0.5026	0.4827	A	2.719	0.09917	1.083
19	rs2560954	58246520	G	0.1258	0.141	A	3.298	0.06938	0.8768
19	rs12609697	58267616	A	0.3766	0.396	G	2.723	0.0989	0.9212
19	rs4801959	58361085	A	0.0258	0.03466	G	4.161	0.04136	0.7376
19	rs8102278	58371761	G	0.1311	0.1515	A	5.669	0.01727	0.8448
19	rs12980055	58458992	G	0.1228	0.1079	A	3.95	0.04688	1.158
19	rs8105396	58520867	G	0.1395	0.123	A	4.271	0.03878	1.155
19	rs1284518	58715491	A	0.3648	0.3865	C	3.433	0.06392	0.9116
19	rs2569565	58726037	A	0.2141	0.1896	G	6.648	0.009929	1.164
19	rs17207173	58769682	A	0.3599	0.3403	G	2.935	0.0867	1.09
19	rs17207187	58793543	A	0.13	0.1447	G	3.046	0.08091	0.8831
19	rs17239461	58806631	A	0.14	0.1226	G	4.805	0.02838	1.165
19	rs10406354	59022044	A	0.1574	0.1382	G	5.251	0.02194	1.165
19	rs10424816	59322020	C	0.356	0.3359	A	3.134	0.07669	1.093
19	rs641738	59368575	A	0.4067	0.429	G	3.47	0.0625	0.9124
19	rs17239607	59435029	A	0.2802	0.2468	G	10.25	0.001363	1.188
19	rs410852	59492183	G	0.3078	0.2887	A	3.038	0.08133	1.096
19	rs1205316	59531270	A	0.2832	0.2599	G	4.787	0.02867	1.125
19	rs2241384	59541754	A	0.1553	0.1722	G	3.48	0.06211	0.8839
19	rs3786640	59558001	A	0.1431	0.1263	G	4.367	0.03663	1.155
19	rs10414662	59567135	A	0.3675	0.3895	G	3.515	0.06082	0.9106
19	rs6509881	59709277	A	0.3261	0.3047	G	3.692	0.05468	1.104
19	rs370156	59864351	A	0.1255	0.1094	G	4.544	0.03303	1.169
19	rs4806802	59865215	A	0.1295	0.144	G	2.958	0.08547	0.8846
19	rs1865096	60088712	A	0.3044	0.2812	G	4.599	0.03199	1.119
19	rs16986050	60092982	G	0.1476	0.1739	A	8.463	0.003625	0.8221
19	rs11880295	60124341	A	0.04386	0.05902	G	7.333	0.006771	0.7314
19	rs8101856	60134286	A	0.2616	0.2434	G	3.106	0.07801	1.102
19	rs775883	60143609	A	0.3158	0.3451	G	6.569	0.01038	0.876
19	rs6509931	60373645	G	0.09288	0.08025	A	3.671	0.05536	1.173
19	rs1058511	60551251	A	0.4358	0.4162	C	2.724	0.09884	1.084
19	rs379327	61061978	A	0.1404	0.1215	G	5.65	0.01746	1.18
19	rs8101859	61091973	G	0.3001	0.2642	A	11.33	0.0007618	1.194
19	rs7259764	61158039	G	0.04799	0.05813	A	3.298	0.06937	0.8168
19	rs17608620	61214735	A	0.4182	0.3972	G	3.154	0.07574	1.091
19	rs2574764	61226336	G	0.1718	0.1874	A	2.761	0.09661	0.8998
19	rs10409555	61264644	A	0.2433	0.2636	G	3.686	0.05487	0.898
19	rs2304124	61580262	G	0.06818	0.08218	A	4.554	0.03283	0.8172
19	rs1468773	61798213	A	0.2404	0.2166	G	5.713	0.01684	1.145
19	rs2052242	61878975	G	0.4183	0.4405	A	3.453	0.06313	0.9133

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19	rs12985183	62075265	G	0.04029	0.03256	A	3.191	0.07403	1.247
19	rs2870478	62080707	C	0.3402	0.3176	A	4.067	0.04372	1.108
19	rs3915790	63507665	A	0.1821	0.1998	G	3.381	0.06594	0.8921
19	rs2278498	63603580	G	0.4763	0.5025	A	4.743	0.02941	0.9004
20	rs6037772	48505	G	0.02634	0.03658	A	5.28	0.02158	0.7126
20	rs6139361	49362	A	0.2464	0.2276	G	3.399	0.06522	1.109
20	rs399083	187688	G	0.3652	0.3883	A	3.871	0.04914	0.9064
20	rs11698154	346278	A	0.1636	0.1823	C	4.109	0.04265	0.877
20	rs8122732	501269	A	0.2982	0.2764	G	4.087	0.04321	1.113
20	rs6117860	757837	A	0.05057	0.06178	G	3.813	0.05085	0.8088
20	rs2077972	834546	A	0.03973	0.0566	C	9.488	0.002069	0.6896
20	rs11087800	842951	A	0.2353	0.2182	G	2.92	0.08749	1.102
20	rs11697918	843325	A	0.484	0.4524	G	6.95	0.008383	1.135
20	rs501322	848831	A	0.451	0.4282	G	3.652	0.056	1.097
20	rs530652	878560	G	0.3612	0.3901	A	6.087	0.01362	0.8839
20	rs6056182	882617	A	0.3001	0.3217	G	3.708	0.05414	0.904
20	rs550408	882948	A	0.3979	0.3741	G	4.125	0.04226	1.106
20	rs6108702	1079053	A	0.07585	0.09157	G	5.215	0.02239	0.8142
20	rs4814137	1266196	A	0.09359	0.07778	G	5.881	0.0153	1.224
20	rs6514364	1317430	A	0.1813	0.2033	G	5.2	0.02259	0.8678
20	rs1294690	1319697	A	0.2482	0.2255	G	5.055	0.02456	1.134
20	rs4813210	1612840	G	0.1131	0.1003	A	3.098	0.07838	1.144
20	rs58532	1740434	G	0.5155	0.4864	A	5.843	0.01564	1.123
20	rs6113720	2257625	G	0.08256	0.07009	A	4.042	0.04438	1.194
20	rs6115667	2709240	A	0.0934	0.08172	G	3.089	0.07884	1.158
20	rs6139034	3150069	A	0.2239	0.2495	G	6.075	0.01371	0.8679
20	rs6116178	3994718	G	0.03509	0.04311	A	2.747	0.09741	0.8071
20	rs6116201	4033758	G	0.1754	0.1973	A	5.256	0.02187	0.8656
20	rs6037767	4048321	A	0.1089	0.09436	G	4.193	0.0406	1.173
20	rs1741284	4061646	A	0.1713	0.1563	G	2.914	0.0878	1.116
20	rs6139332	4082863	G	0.02064	0.02915	A	4.553	0.03286	0.702
20	rs159788	4300104	A	0.1291	0.1158	G	2.981	0.08424	1.133
20	rs297718	4338527	A	0.3207	0.341	G	3.151	0.07587	0.9125
20	rs6133126	4409359	A	0.2684	0.2872	G	2.955	0.08561	0.9108
20	rs6139470	4469342	G	0.2696	0.2396	A	8.45	0.00365	1.172
20	rs6052889	4726517	A	0.05998	0.07152	C	3.511	0.06096	0.8283
20	rs6084920	4790871	A	0.1847	0.165	G	4.806	0.02837	1.146
20	rs6038010	4811786	G	0.37	0.396	A	4.912	0.02667	0.8955
20	rs1715367	4848964	A	0.4262	0.4508	G	4.233	0.03964	0.9048
20	rs1776972	4854003	G	0.06553	0.08201	A	6.349	0.01174	0.785
20	rs13042903	4928952	A	0.3648	0.386	G	3.272	0.07048	0.9136
20	rs16990786	5193377	G	0.08566	0.07402	A	3.356	0.06695	1.172
20	rs2145097	5325511	A	0.2497	0.2679	G	2.928	0.08706	0.9095
20	rs6053442	5422901	G	0.2043	0.1841	A	4.642	0.0312	1.138
20	rs13044797	5589273	A	0.4451	0.4196	G	4.608	0.03182	1.11
20	rs2664374	5607444	A	0.1491	0.1351	G	2.892	0.08903	1.122

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20	rs805745	5633929	A	0.3674	0.3465	G	3.307	0.06898	1.095
20	rs1151948	5733482	A	0.1798	0.2086	G	8.796	0.003019	0.8313
20	rs984677	6585234	A	0.5	0.4776	G	3.478	0.0622	1.094
20	rs235721	6676238	G	0.257	0.2792	A	4.271	0.03877	0.8927
20	rs6038621	6782380	G	0.09804	0.1115	A	3.169	0.07504	0.8666
20	rs6085802	6911240	A	0.3344	0.3566	G	3.733	0.05335	0.9063
20	rs6117564	6959219	G	0.03109	0.03926	A	3.108	0.07791	0.7853
20	rs6054856	7195239	G	0.2218	0.2427	A	4.104	0.04279	0.8895
20	rs6516269	7241040	A	0.07946	0.09107	C	2.844	0.0917	0.8615
20	rs6140294	7405161	G	0.1668	0.1841	A	3.436	0.06378	0.8876
20	rs6039049	8072354	A	0.173	0.191	G	3.637	0.05652	0.8862
20	rs6039107	8173148	A	0.1113	0.09167	G	7.715	0.005477	1.241
20	rs8125486	8203128	A	0.2451	0.2637	G	3.074	0.07956	0.9068
20	rs6140629	8436087	G	0.1472	0.1283	A	5.424	0.01987	1.173
20	rs2423363	8460147	G	0.0934	0.08168	A	3.113	0.07767	1.158
20	rs2179440	8465931	G	0.08411	0.09573	A	2.723	0.09892	0.8675
20	rs6055910	8501750	G	0.06398	0.07959	A	5.849	0.01558	0.7905
20	rs1883503	8502091	G	0.4704	0.4374	A	7.601	0.005834	1.143
20	rs4813865	8530403	C	0.3746	0.3963	A	3.395	0.06541	0.9125
20	rs8126112	8547288	G	0.1005	0.08774	A	3.454	0.06311	1.162
20	rs6055958	8559534	A	0.05329	0.04442	C	3.097	0.07846	1.211
20	rs12053642	8563480	G	0.2559	0.2769	A	3.818	0.0507	0.8981
20	rs4325831	8850689	G	0.2307	0.208	A	5.327	0.021	1.142
20	rs2224361	9172790	G	0.05057	0.04191	A	3.152	0.07583	1.218
20	rs6077511	9237325	A	0.3048	0.282	G	4.373	0.03652	1.116
20	rs11087845	9353059	C	0.04283	0.03416	A	3.83	0.05034	1.265
20	rs6133731	9539628	A	0.3171	0.292	G	5.256	0.02188	1.126
20	rs2423401	9597074	A	0.1068	0.1262	G	5.955	0.01468	0.8281
20	rs10485735	9721877	A	0.2083	0.183	G	7.247	0.007103	1.175
20	rs420939	9906906	C	0.1353	0.1197	A	3.955	0.04674	1.151
20	rs594240	10064212	A	0.0486	0.06022	G	4.191	0.04063	0.7972
20	rs13043422	10098608	G	0.1548	0.1371	A	4.541	0.0331	1.153
20	rs362570	10194864	A	0.1847	0.167	G	3.84	0.05005	1.13
20	rs2284300	10214824	A	0.07327	0.0634	G	2.788	0.09496	1.168
20	rs7270364	10550566	A	0.1006	0.08773	G	3.528	0.06035	1.163
20	rs6134060	10795183	A	0.1674	0.153	G	2.706	0.09997	1.113
20	rs6108845	11083914	A	0.3636	0.3425	G	3.423	0.06431	1.097
20	rs6134162	11155861	A	0.1553	0.1412	G	2.817	0.0933	1.119
20	rs6040610	11321093	A	0.05005	0.03957	C	4.855	0.02756	1.279
20	rs6131250	11603406	G	0.1827	0.2029	A	4.389	0.03616	0.8782
20	rs6074352	11730489	G	0.3022	0.3289	A	5.588	0.01809	0.8837
20	rs6040997	11887032	A	0.1482	0.1324	G	3.713	0.05399	1.14
20	rs1555145	11952113	G	0.3444	0.3638	A	2.809	0.09374	0.9186
20	rs7274881	12543371	G	0.03199	0.02521	A	3.138	0.07647	1.278
20	rs6134608	12578553	G	0.2405	0.2656	A	5.639	0.01757	0.8753
20	rs1452321	12598359	G	0.4081	0.4282	A	2.862	0.09068	0.9205

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20	rs6134639	12627627	A	0.2771	0.309	C	8.29	0.003987	0.8571
20	rs6134640	12628016	A	0.06185	0.0814	G	8.98	0.002729	0.744
20	rs6109692	13019816	A	0.1246	0.1115	G	2.932	0.08682	1.134
20	rs6078922	13048629	A	0.3803	0.4057	G	4.614	0.03172	0.8991
20	rs17226481	13141586	A	0.03512	0.0279	G	3.229	0.07234	1.268
20	rs17263187	13237134	A	0.1269	0.1407	G	2.736	0.09811	0.8878
20	rs16994111	13625405	A	0.1927	0.2108	G	3.423	0.0643	0.8936
20	rs243916	13802827	A	0.1333	0.115	G	5.558	0.0184	1.183
20	rs6131640	15050526	G	0.07379	0.06372	A	2.887	0.0893	1.171
20	rs11087123	15068744	G	0.2982	0.2727	A	5.63	0.01766	1.133
20	rs799179	15095150	A	0.5098	0.4827	G	5.091	0.02405	1.115
20	rs2876404	15311130	G	0.3247	0.3501	A	4.902	0.02682	0.8924
20	rs13039835	15313627	G	0.09804	0.1177	A	6.522	0.01066	0.8148
20	rs2208137	15373454	A	0.4353	0.4108	G	4.248	0.03929	1.106
20	rs2423963	15381495	A	0.1115	0.1272	G	3.888	0.04864	0.8609
20	rs6079923	15593033	G	0.1097	0.1294	A	5.969	0.01456	0.8296
20	rs4814452	16126198	A	0.05165	0.06194	G	3.191	0.07403	0.8249
20	rs3898081	16131412	A	0.1517	0.1725	G	5.282	0.02155	0.8579
20	rs6044019	16418481	G	0.09752	0.08532	A	3.244	0.0717	1.158
20	rs6080335	16553010	G	0.07867	0.09246	A	3.954	0.04677	0.8382
20	rs6044211	16600477	A	0.07696	0.0929	G	5.287	0.02148	0.8141
20	rs6044224	16606300	G	0.4732	0.4512	A	3.373	0.06629	1.093
20	rs17686437	16677048	G	0.03512	0.04796	A	6.397	0.01143	0.7226
20	rs11698484	17316381	A	0.08308	0.07071	G	3.944	0.04703	1.191
20	rs6045099	17852819	A	0.3339	0.3546	C	3.23	0.07228	0.9122
20	rs979242	18149837	A	0.3892	0.3676	G	3.47	0.06251	1.097
20	rs6081382	18741217	C	0.2967	0.2777	A	3.09	0.07877	1.097
20	rs6035155	18841270	A	0.3137	0.295	G	2.905	0.0883	1.093
20	rs3790267	19513693	A	0.02941	0.03989	G	5.083	0.02416	0.7294
20	rs17373110	19789716	A	0.1074	0.1239	G	4.374	0.03649	0.8509
20	rs199541	19865570	G	0.07549	0.06448	A	3.403	0.06508	1.185
20	rs2424253	19921873	A	0.1615	0.1782	G	3.309	0.06888	0.8883
20	rs6106204	20094934	A	0.1601	0.1444	G	3.415	0.06462	1.13
20	rs6132276	20177681	G	0.03822	0.02842	A	5.782	0.0162	1.358
20	rs6046764	20184581	A	0.313	0.2913	G	3.911	0.04798	1.108
20	rs1327911	20215718	C	0.1865	0.1644	A	6.016	0.01418	1.165
20	rs8119972	20313226	A	0.1282	0.1449	G	3.907	0.04807	0.868
20	rs3748446	20319406	A	0.05831	0.06925	G	3.257	0.07113	0.8322
20	rs4614991	20679430	G	0.0258	0.0369	A	6.174	0.01296	0.6913
20	rs17718943	20753284	G	0.08101	0.06726	A	5.09	0.02406	1.222
20	rs3761292	21627930	A	0.1533	0.1724	G	4.474	0.03442	0.8689
20	rs6048095	22372227	C	0.05757	0.04798	A	3.39	0.06561	1.212
20	rs6137770	22772238	A	0.09452	0.1124	G	5.614	0.01782	0.8242
20	rs844910	23085436	G	0.2559	0.2927	A	11.36	0.0007512	0.8312
20	rs6083025	23092070	G	0.3645	0.396	A	7.158	0.007463	0.8749
20	rs2015529	23513982	G	0.05114	0.04176	A	3.695	0.05457	1.237

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20	rs8126263	23714277	A	0.09546	0.1122	G	4.917	0.0266	0.8352
20	rs6114326	23763299	A	0.1027	0.09086	G	2.881	0.08962	1.145
20	rs1799841	23808178	G	0.4533	0.4334	A	2.756	0.09689	1.084
20	rs7262203	24426145	G	0.1174	0.1044	A	3.049	0.08081	1.14
20	rs2233826	29527003	A	0.08514	0.102	C	5.448	0.01959	0.8192
20	rs6089096	29896800	A	0.1254	0.1083	G	5.166	0.02303	1.181
20	rs6061036	29982229	G	0.3919	0.4129	A	3.123	0.07719	0.9166
20	rs754568	30033526	C	0.2051	0.1873	A	3.537	0.06	1.119
20	rs2424932	30860197	A	0.3816	0.413	G	7.003	0.008138	0.8772
20	rs7262249	31073762	G	0.1136	0.1288	A	3.558	0.05927	0.8674
20	rs11696307	31151921	G	0.3987	0.3771	A	3.409	0.06485	1.095
20	rs13039715	31333951	A	0.02012	0.02697	C	3.166	0.07518	0.741
20	rs6141382	31347730	C	0.2141	0.238	A	5.466	0.01939	0.8723
20	rs6088177	31369474	G	0.4102	0.4301	A	2.783	0.09526	0.9217
20	rs6087733	33762042	A	0.05263	0.03888	G	8.408	0.003736	1.373
20	rs6018027	35424206	G	0.2366	0.2601	A	4.971	0.02578	0.8817
20	rs11086214	35496979	G	0.162	0.1781	A	3.081	0.07923	0.892
20	rs1205438	36308981	A	0.3784	0.4053	G	5.18	0.02285	0.8932
20	rs805536	36551894	A	0.0387	0.03111	G	3.209	0.07322	1.254
20	rs85151	36679372	G	0.1461	0.1284	A	4.687	0.03038	1.161
20	rs8117109	36861594	G	0.06605	0.05622	A	3.085	0.07901	1.187
20	rs1008247	37654133	G	0.1068	0.09374	A	3.422	0.06433	1.156
20	rs2025127	38027342	G	0.3519	0.3246	A	5.842	0.01565	1.13
20	rs12479923	38039524	A	0.06037	0.07682	G	6.724	0.009512	0.7722
20	rs2870137	38118955	A	0.142	0.1169	G	10.34	0.001299	1.251
20	rs8123577	38283179	A	0.2668	0.2287	C	13.97	0.0001853	1.227
20	rs6071980	38301990	G	0.1254	0.1396	A	2.925	0.08724	0.8837
20	rs6102051	38652523	A	0.3263	0.306	G	3.316	0.06861	1.098
20	rs4810306	38912004	G	0.03151	0.04045	A	3.634	0.05662	0.7718
20	rs4812537	39694993	G	0.3715	0.3497	A	3.614	0.05728	1.099
20	rs16986312	40002364	A	0.1981	0.2218	G	5.641	0.01754	0.867
20	rs17288773	40022082	A	0.1476	0.1332	G	3.07	0.07977	1.127
20	rs6065460	40363108	A	0.1224	0.1085	C	3.378	0.06608	1.146
20	rs6072685	40386343	G	0.08411	0.0711	A	4.338	0.03727	1.2
20	rs16986834	40455429	A	0.03922	0.04877	C	3.468	0.06258	0.7961
20	rs6513787	40459320	A	0.04231	0.05605	C	6.315	0.01197	0.7441
20	rs3092557	40784206	A	0.2189	0.1988	G	4.34	0.03723	1.13
20	rs13042490	40900420	A	0.0872	0.1028	G	4.596	0.03204	0.8342
20	rs2067061	41629964	C	0.3179	0.3388	A	3.379	0.06603	0.9095
20	rs2070235	41764871	G	0.0774	0.09436	A	5.914	0.01502	0.8052
20	rs880064	41808846	A	0.3001	0.2772	G	4.494	0.03401	1.118
20	rs11699011	41820238	G	0.1305	0.109	A	8.12	0.004379	1.228
20	rs2143557	41986283	A	0.07946	0.09156	G	3.074	0.07956	0.8565
20	rs16988687	42137902	G	0.1544	0.1399	A	2.987	0.08391	1.123
20	rs6073491	42645823	A	0.4247	0.4477	G	3.695	0.05457	0.9107
20	rs2284271	43038835	A	0.07585	0.09054	G	4.597	0.03203	0.8244

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20	rs4458268	43410405	G	0.3852	0.363	A	3.673	0.05528	1.1
20	rs11698785	43847184	A	0.03664	0.04732	C	4.476	0.03437	0.7656
20	rs6130946	43913733	G	0.1047	0.125	A	6.6	0.0102	0.8187
20	rs16990934	43986601	G	0.04814	0.03439	A	9.4	0.00217	1.42
20	rs3918261	44076999	G	0.1156	0.1462	A	13.21	0.0002778	0.7631
20	rs6104543	44373185	A	0.07911	0.06774	C	3.466	0.06263	1.182
20	rs4810539	44757415	A	0.06347	0.07733	G	4.735	0.02956	0.8085
20	rs3091433	44846495	A	0.2399	0.2612	C	4.075	0.04352	0.8928
20	rs6094836	45836995	G	0.2492	0.2267	A	4.924	0.02649	1.132
20	rs8116137	46107614	A	0.1139	0.1271	G	2.74	0.09786	0.8826
20	rs7362606	46134271	A	0.188	0.1711	G	3.458	0.06295	1.122
20	rs911952	46208305	G	0.09204	0.08082	A	2.876	0.08989	1.153
20	rs17427380	46331779	A	0.2412	0.2588	C	2.805	0.09394	0.9102
20	rs453410	46389370	G	0.5155	0.4938	A	3.256	0.07117	1.091
20	rs17430107	46456305	A	0.0645	0.05514	G	2.852	0.09127	1.181
20	rs6012422	46483890	A	0.03154	0.02162	G	7.63	0.00574	1.474
20	rs4809722	46787415	A	0.0743	0.05956	G	6.524	0.01064	1.267
20	rs3091796	47434105	C	0.03675	0.04637	A	3.68	0.05508	0.7846
20	rs572845	47510021	A	0.3478	0.3677	G	2.948	0.08597	0.917
20	rs4141587	47704183	A	0.0718	0.08343	G	3.093	0.07865	0.8498
20	rs913477	47751713	A	0.4303	0.4518	G	3.219	0.0728	0.9165
20	rs6095638	47784987	C	0.06373	0.08062	A	6.756	0.009345	0.7763
20	rs6125883	48111458	C	0.3835	0.4101	A	5.035	0.02485	0.8948
20	rs6020684	48731301	G	0.05062	0.06302	A	4.584	0.03227	0.7927
20	rs11905232	48875047	G	0.1089	0.09464	A	4.018	0.04501	1.169
20	rs6091223	48898360	A	0.02169	0.03269	G	6.834	0.008946	0.6562
20	rs6091231	48927426	A	0.144	0.1282	G	3.793	0.05145	1.144
20	rs2426227	49027928	G	0.3473	0.3221	A	4.994	0.02543	1.12
20	rs1358784	49134809	A	0.08772	0.07378	G	4.813	0.02825	1.207
20	rs6067671	49233091	A	0.1348	0.149	G	2.746	0.09751	0.8902
20	rs6096306	49246832	G	0.03631	0.04796	A	5.241	0.02207	0.7478
20	rs747063	49535610	A	0.1801	0.1631	G	3.62	0.0571	1.127
20	rs7261003	49823497	A	0.4644	0.4394	G	4.371	0.03656	1.106
20	rs4811276	50065689	G	0.2172	0.1953	A	5.243	0.02203	1.144
20	rs6021698	50139810	A	0.2094	0.1889	G	4.687	0.03039	1.137
20	rs8120171	50145466	A	0.1971	0.1774	G	4.537	0.03317	1.138
20	rs2208198	50218803	G	0.1285	0.1135	A	3.824	0.05051	1.152
20	rs4809918	50734607	A	0.04076	0.03256	G	3.593	0.05803	1.263
20	rs6126742	51110823	A	0.03818	0.04735	G	3.277	0.07024	0.7988
20	rs6068477	51233994	A	0.1522	0.1687	G	3.355	0.06701	0.885
20	rs16997769	51277141	A	0.04128	0.03393	G	2.776	0.09568	1.226
20	rs2426472	51290219	G	0.306	0.3332	A	5.78	0.01621	0.8823
20	rs916954	51292709	A	0.3684	0.3319	G	10.3	0.001333	1.174
20	rs1355597	51308176	A	0.273	0.2911	G	2.768	0.09617	0.9142
20	rs6097326	51324797	A	0.1125	0.1297	G	4.597	0.03204	0.8503
20	rs1543080	51330522	A	0.0805	0.09831	C	6.287	0.01216	0.803

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20	rs6097334	51332771	G	0.1254	0.1435	A	4.647	0.03111	0.8559
20	rs465580	51411354	G	0.4308	0.4534	A	3.557	0.05928	0.9124
20	rs6022462	51484172	A	0.2744	0.2952	G	3.61	0.05743	0.9026
20	rs6097458	51548300	A	0.1632	0.1824	G	4.276	0.03866	0.8742
20	rs11697063	51788748	A	0.03818	0.04758	C	3.43	0.06402	0.7947
20	rs6022731	51811531	A	0.2688	0.2515	G	2.742	0.09774	1.094
20	rs6063991	51821675	G	0.1389	0.1149	A	9.603	0.001943	1.243
20	rs6068694	51912178	A	0.05624	0.04708	C	3.165	0.07523	1.206
20	rs290422	52098276	A	0.1796	0.2	G	4.546	0.03299	0.8754
20	rs12479682	52172344	A	0.1192	0.1056	G	3.33	0.06805	1.146
20	rs964293	52250124	A	0.3555	0.3827	C	5.416	0.01995	0.8898
20	rs6023158	52418049	G	0.1105	0.1277	A	4.61	0.03179	0.849
20	rs1887305	53277244	A	0.02947	0.02152	G	4.974	0.02573	1.381
20	rs3852923	53477603	A	0.07335	0.08579	C	3.455	0.06307	0.8434
20	rs6098654	53568283	G	0.4027	0.3764	A	5.032	0.02488	1.117
20	rs6069624	54177545	G	0.2334	0.2607	A	6.678	0.009762	0.8636
20	rs932530	54548891	G	0.3605	0.3408	A	2.98	0.0843	1.091
20	rs6024978	54598474	C	0.2141	0.2344	A	3.959	0.04661	0.8902
20	rs4811721	54671936	G	0.3492	0.3273	A	3.744	0.053	1.103
20	rs6025146	54769444	G	0.2368	0.2547	A	2.929	0.08701	0.9078
20	rs1571463	54859768	G	0.0471	0.0572	A	3.311	0.06881	0.8148
20	rs4811770	54878504	C	0.2394	0.2179	A	4.604	0.03191	1.129
20	rs10446026	54988610	A	0.4137	0.3818	G	7.421	0.006446	1.143
20	rs2902982	55083403	A	0.166	0.1885	G	5.794	0.01609	0.8565
20	rs6025359	55093974	C	0.2417	0.2635	A	4.215	0.04006	0.8913
20	rs17400154	55095359	G	0.4809	0.4556	A	4.432	0.03528	1.107
20	rs8115658	55120401	G	0.07963	0.06768	A	3.83	0.05033	1.192
20	rs2426712	55396445	G	0.4933	0.4724	A	3.015	0.08252	1.087
20	rs4811847	55432676	A	0.161	0.1911	G	10.25	0.00137	0.8123
20	rs6070117	55486361	A	0.4659	0.4376	G	5.616	0.0178	1.121
20	rs157093	55686362	A	0.2833	0.2636	G	3.434	0.06388	1.104
20	rs6025936	55970341	A	0.04128	0.03299	G	3.624	0.05694	1.262
20	rs6025959	55985359	A	0.1937	0.1714	G	5.938	0.01482	1.161
20	rs874431	56107455	A	0.3235	0.305	G	2.793	0.0947	1.09
20	rs6128287	56210845	A	0.1765	0.1959	G	4.15	0.04163	0.8798
20	rs218469	56655940	A	0.1791	0.1554	G	7.252	0.007082	1.185
20	rs4812058	57141114	G	0.1276	0.1107	A	4.925	0.02647	1.176
20	rs7264385	57223196	G	0.2185	0.193	A	7.131	0.007577	1.169
20	rs6015477	57357749	A	0.06244	0.07427	G	3.57	0.05882	0.8301
20	rs271978	57464447	G	0.4783	0.4486	A	6.122	0.01335	1.127
20	rs2426814	57696236	A	0.1393	0.1175	G	7.775	0.005297	1.216
20	rs4142009	57738316	A	0.0735	0.05775	G	7.626	0.005753	1.294
20	rs6027102	57792557	A	0.01703	0.02461	G	4.272	0.03874	0.6866
20	rs6027132	57817846	G	0.3731	0.3941	A	3.192	0.074	0.915
20	rs6128738	58018107	A	0.1336	0.1504	G	3.833	0.05025	0.8713
20	rs17727233	58090345	G	0.1507	0.1782	A	9.035	0.002649	0.8182

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20	rs7274848	58094441	C	0.1246	0.1103	A	3.529	0.06029	1.148
20	rs13038174	58232235	G	0.07379	0.05878	A	6.842	0.008905	1.276
20	rs13040439	58258718	A	0.06612	0.05541	G	3.698	0.05449	1.207
20	rs6100859	58327789	A	0.05057	0.03816	G	7	0.008153	1.343
20	rs6015728	58342744	A	0.08927	0.1026	G	3.371	0.06634	0.8574
20	rs2426913	58792537	G	0.05475	0.07225	A	8.069	0.004504	0.7438
20	rs6093007	58825331	A	0.1471	0.1302	G	4.296	0.03819	1.152
20	rs1015199	58968585	G	0.1135	0.09597	A	6.015	0.01419	1.206
20	rs17805055	59095564	G	0.08617	0.06817	A	8.575	0.003409	1.289
20	rs6124072	59193184	A	0.07617	0.0882	G	3.137	0.07654	0.8523
20	rs2427071	59323692	A	0.1171	0.1305	G	2.744	0.0976	0.884
20	rs1122269	59677231	A	0.2208	0.2036	G	3.139	0.07645	1.109
20	rs6142844	59739685	A	0.1536	0.1394	G	2.853	0.09122	1.12
20	rs6061805	59769309	G	0.04696	0.05701	A	3.306	0.06905	0.8149
20	rs1418796	59822621	A	0.4737	0.4939	G	2.817	0.09324	0.9223
20	rs2427268	60162210	A	0.07903	0.06837	G	3.025	0.08201	1.169
20	rs2297588	60327865	A	0.3292	0.3081	G	3.6	0.05778	1.102
20	rs6062400	60776381	A	0.1176	0.1385	G	6.396	0.01144	0.8291
20	rs6090338	60797591	G	0.2727	0.2545	A	3.018	0.08233	1.099
20	rs856965	60882618	A	0.2247	0.2419	G	2.812	0.09354	0.908
20	rs4549158	60892121	A	0.07963	0.09161	G	3.012	0.08264	0.8578
20	rs2427474	61094433	A	0.08617	0.0984	G	2.942	0.0863	0.864
20	rs6090243	61208831	A	0.2567	0.2776	G	3.752	0.05275	0.8989
20	rs6010849	61217967	A	0.1028	0.08935	G	3.768	0.05224	1.168
20	rs720607	61366354	A	0.4349	0.458	G	3.696	0.05456	0.9109
20	rs6089870	61367469	A	0.0485	0.05953	G	3.822	0.05057	0.8053
20	rs6062292	61734769	C	0.1852	0.1698	A	2.91	0.08801	1.112
20	rs914561	61741349	A	0.02993	0.01966	G	8.933	0.002801	1.538
20	rs817355	62084782	G	0.4938	0.4707	A	3.695	0.05457	1.097
20	rs816922	62121406	A	0.07668	0.06589	C	3.2	0.07362	1.177
20	rs2427616	62322842	A	0.09598	0.1094	G	3.236	0.07202	0.8641
20	rs6062363	62382907	A	0.4112	0.3816	G	6.406	0.01137	1.132
21	rs9978851	14653895	G	0.2194	0.2031	A	2.746	0.09748	1.103
21	rs17002670	14667761	A	0.02972	0.0394	G	4.345	0.03711	0.7467
21	rs1983538	14786216	A	0.1279	0.1418	G	2.778	0.09558	0.887
21	rs1000728	14906049	A	0.3366	0.3691	C	7.834	0.005127	0.8673
21	rs988831	14979807	A	0.1238	0.1408	G	4.142	0.04182	0.8626
21	rs13049690	15168070	G	0.1104	0.1236	A	2.787	0.09506	0.8803
21	rs2823233	15613797	C	0.2087	0.2301	A	4.506	0.03378	0.8822
21	rs1556287	15842986	G	0.1914	0.1673	A	7.096	0.007725	1.178
21	rs2248859	16164105	G	0.1573	0.1339	A	7.955	0.004796	1.207
21	rs2823590	16356283	A	0.1092	0.1224	C	2.798	0.09439	0.8794
21	rs17209757	16363516	G	0.0774	0.06632	A	3.361	0.06676	1.181
21	rs238952	16485565	A	0.07379	0.05933	G	6.306	0.01204	1.263
21	rs238993	16540390	A	0.06192	0.07315	G	3.258	0.07108	0.8364
21	rs2823760	16672659	G	0.2614	0.2876	A	5.803	0.016	0.8766

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21	rs10470197	16763778	A	0.0387	0.03073	G	3.581	0.05843	1.27
21	rs202862	17533597	G	0.1911	0.1752	A	2.994	0.08355	1.112
21	rs8127220	17703553	A	0.06508	0.05483	G	3.427	0.06413	1.2
21	rs2897192	18006458	A	0.07895	0.09468	G	5.063	0.02444	0.8196
21	rs2824512	18144045	G	0.265	0.2336	A	9.411	0.002157	1.183
21	rs2824534	18181182	A	0.3915	0.4212	G	6.24	0.01249	0.8842
21	rs17769032	18279502	C	0.09659	0.1116	A	3.949	0.04689	0.8514
21	rs2824664	18450015	G	0.05119	0.06149	A	3.22	0.07273	0.8235
21	rs2824707	18515813	G	0.2749	0.2507	A	5.343	0.02081	1.134
21	rs10482897	18600531	G	0.1146	0.09771	A	5.459	0.01947	1.195
21	rs2824756	18640775	G	0.4425	0.4151	A	5.312	0.02118	1.118
21	rs8130094	18961437	G	0.2841	0.3073	A	4.383	0.03631	0.8945
21	rs2825287	19322497	C	0.1854	0.1678	A	3.823	0.05054	1.129
21	rs2825298	19328281	A	0.3352	0.3581	G	3.941	0.04713	0.9039
21	rs2825391	19459532	G	0.09969	0.08605	A	4.017	0.04505	1.176
21	rs2051373	19632507	A	0.2495	0.2271	G	4.864	0.02742	1.131
21	rs13049780	19638152	G	0.07903	0.09223	A	3.638	0.05648	0.8446
21	rs2020381	19844431	G	0.1467	0.1635	A	3.6	0.05779	0.8794
21	rs2825901	20224253	G	0.06192	0.07524	A	4.477	0.03435	0.8113
21	rs13048007	20478435	G	0.4106	0.4362	A	4.601	0.03195	0.9004
21	rs1487943	20515090	A	0.2363	0.217	G	3.78	0.05187	1.117
21	rs2205502	20694211	A	0.2647	0.239	G	6.208	0.01272	1.146
21	rs2826245	20717946	A	0.3178	0.3392	G	3.533	0.06017	0.9074
21	rs2178986	20723899	G	0.1028	0.08934	A	3.776	0.05199	1.168
21	rs1033523	21157681	G	0.3376	0.3179	A	3.083	0.07912	1.094
21	rs1735372	21251733	G	0.2466	0.2284	A	3.221	0.07269	1.106
21	rs7510476	21352563	C	0.07482	0.06143	A	5.25	0.02194	1.236
21	rs2826973	22023683	A	0.08153	0.09856	G	5.732	0.01666	0.8118
21	rs2226441	22063716	A	0.2825	0.2633	G	3.229	0.07233	1.101
21	rs4818649	22200762	A	0.06966	0.08051	G	2.781	0.09539	0.8551
21	rs8128017	22243588	G	0.262	0.2444	A	2.841	0.09187	1.097
21	rs1023361	22266153	A	0.03413	0.04714	G	6.689	0.009703	0.7141
21	rs2827185	22280956	C	0.2121	0.2289	A	2.788	0.09497	0.9066
21	rs9984043	22341242	A	0.0356	0.04389	C	2.882	0.08958	0.8042
21	rs2827312	22553547	A	0.3668	0.3883	C	3.35	0.06718	0.9126
21	rs2827451	22681343	A	0.08936	0.1014	G	2.786	0.09511	0.8694
21	rs2827649	22941177	G	0.1175	0.1378	A	6.062	0.01381	0.8329
21	rs2827806	23340055	G	0.0223	0.03153	A	4.94	0.02625	0.7007
21	rs2408666	23405164	G	0.1663	0.1517	A	2.848	0.09149	1.116
21	rs2828099	23675029	G	0.4027	0.3815	A	3.264	0.0708	1.093
21	rs2828136	23712292	A	0.2567	0.279	G	4.292	0.03829	0.8923
21	rs2828515	24056599	G	0.1796	0.1621	A	3.851	0.04971	1.132
21	rs207547	24144368	A	0.07792	0.1003	C	9.757	0.001786	0.7583
21	rs6650830	24576688	C	0.02591	0.03309	A	2.835	0.09221	0.7772
21	rs12627329	25205864	C	0.2751	0.2555	A	3.434	0.06387	1.105
21	rs2026220	25436520	A	0.08316	0.06716	C	6.88	0.008718	1.26

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21	rs2829984	26226123	A	0.1135	0.09802	G	4.619	0.03161	1.178
21	rs216779	26245575	C	0.07224	0.06075	A	3.915	0.04785	1.204
21	rs466448	26465979	G	0.4892	0.4655	A	3.89	0.04857	1.1
21	rs183407	26699052	C	0.112	0.09417	A	6.291	0.01213	1.213
21	rs7279517	26715676	A	0.5217	0.4961	G	4.529	0.03333	1.108
21	rs2830247	26770869	G	0.09115	0.07385	A	7.311	0.006854	1.258
21	rs10482982	27394360	G	0.1024	0.08063	A	10.7	0.001071	1.3
21	rs2830793	27528341	A	0.1336	0.1524	G	4.732	0.0296	0.8582
21	rs235936	27538396	G	0.5145	0.4871	A	5.151	0.02323	1.116
21	rs2830961	27764749	G	0.1084	0.1267	A	5.31	0.02121	0.8378
21	rs1379660	27851726	G	0.1194	0.1362	A	4.14	0.04188	0.8606
21	rs243642	28044810	A	0.3728	0.3982	G	4.611	0.03176	0.8983
21	rs4577362	28304403	A	0.06663	0.05564	G	3.884	0.04875	1.212
21	rs2831530	28433499	A	0.05527	0.06665	G	3.653	0.05597	0.8193
21	rs2831805	28725753	A	0.1197	0.134	G	3.064	0.08006	0.8789
21	rs2831866	28796853	A	0.09039	0.07894	G	3.064	0.08003	1.159
21	rs16983376	29122577	G	0.02689	0.03402	A	2.727	0.09868	0.7845
21	rs363463	29892079	A	0.03264	0.02375	G	5.638	0.01757	1.387
21	rs2268212	30108765	G	0.08566	0.0711	A	5.421	0.0199	1.224
21	rs2833124	31136526	G	0.2688	0.2489	A	3.663	0.05564	1.11
21	rs2833270	31409225	A	0.1166	0.1026	G	3.635	0.05657	1.155
21	rs725803	31690270	C	0.03742	0.04634	A	3.148	0.07602	0.8001
21	rs10483007	32104914	G	0.06347	0.07403	A	2.848	0.09151	0.8477
21	rs2833619	32330535	A	0.3662	0.3356	G	7.22	0.007209	1.144
21	rs8134939	32331803	A	0.2343	0.2569	G	4.675	0.03061	0.8848
21	rs11702306	32687431	A	0.09401	0.1099	G	4.506	0.03378	0.8405
21	rs16989559	32896193	A	0.0656	0.07624	G	2.812	0.09354	0.8506
21	rs7283689	33398039	G	0.1983	0.2156	A	3.07	0.07974	0.8999
21	rs2834159	33539959	A	0.194	0.1756	G	4.028	0.04476	1.13
21	rs2073362	33542671	G	0.07202	0.08379	A	3.145	0.07616	0.8486
21	rs2843705	33596425	A	0.0547	0.04415	C	4.435	0.03522	1.253
21	rs2154505	34408107	A	0.09649	0.08256	G	4.348	0.03705	1.187
21	rs8129269	34505780	A	0.07998	0.09266	G	3.345	0.06739	0.8512
21	rs6517223	34584284	A	0.114	0.1008	G	3.298	0.06935	1.148
21	rs1010668	34660028	A	0.1305	0.114	C	4.615	0.0317	1.167
21	rs9984281	34663726	G	0.1618	0.1447	A	4.048	0.04421	1.141
21	rs2243982	34823160	G	0.5021	0.4789	A	3.702	0.05435	1.097
21	rs2834669	35201913	G	0.06921	0.08457	A	5.349	0.02073	0.8049
21	rs9976122	35260176	A	0.03623	0.04708	G	4.624	0.03153	0.7609
21	rs17227161	35272817	A	0.1865	0.1629	G	6.913	0.008555	1.178
21	rs12483476	35316550	G	0.08617	0.07515	A	2.969	0.08488	1.16
21	rs9981811	35342745	A	0.1027	0.0787	G	13.26	0.0002709	1.34
21	rs928282	35355833	G	0.3982	0.3786	A	2.819	0.09317	1.086
21	rs926073	35778797	G	0.1961	0.1747	A	5.423	0.01987	1.152
21	rs2835333	36595076	G	0.2394	0.2586	A	3.344	0.06744	0.9023
21	rs6517342	36595251	A	0.163	0.1473	G	3.361	0.06675	1.128

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21	rs9981318	37071260	G	0.3968	0.4177	A	3.089	0.07882	0.9172
21	rs2073423	37223999	A	0.04231	0.05127	G	2.901	0.08855	0.8175
21	rs7280237	37578409	A	0.5166	0.4866	C	6.188	0.01286	1.128
21	rs2835692	37592205	G	0.13	0.1525	A	6.842	0.008906	0.8305
21	rs13052269	37801311	A	0.0485	0.05995	G	4.089	0.04316	0.7994
21	rs2835875	37950401	G	0.09133	0.07659	A	5.2	0.02258	1.212
21	rs2835919	38036897	C	0.016	0.02181	A	2.815	0.09337	0.7291
21	rs8128418	38110602	A	0.1037	0.08817	G	5.098	0.02395	1.197
21	rs17230421	38619808	A	0.05728	0.06997	G	4.35	0.03701	0.8076
21	rs2836333	38646570	A	0.4969	0.4603	G	9.306	0.002284	1.158
21	rs2836379	38710373	C	0.112	0.1251	A	2.762	0.09655	0.8815
21	rs7283535	38731947	A	0.1238	0.1403	C	3.939	0.04718	0.8658
21	rs1475878	38988111	A	0.2275	0.2449	G	2.835	0.09223	0.9079
21	rs10483049	39019706	G	0.266	0.2474	A	3.181	0.0745	1.102
21	rs11702843	39045610	A	0.2717	0.2534	G	3.042	0.08112	1.099
21	rs2836743	39196903	G	0.2611	0.2812	A	3.472	0.06242	0.9032
21	rs2836746	39203153	A	0.2982	0.2802	C	2.781	0.09538	1.092
21	rs2836747	39204426	G	0.437	0.4602	A	3.724	0.05364	0.9107
21	rs403746	39392945	A	0.171	0.1532	G	4.145	0.04175	1.14
21	rs12482962	39943849	G	0.1605	0.1787	A	3.921	0.04768	0.8788
21	rs1534080	39945623	G	0.5077	0.4851	A	3.554	0.05941	1.095
21	rs2837367	40304081	A	0.2441	0.2621	G	2.929	0.087	0.9087
21	rs7282525	40382282	G	0.3209	0.3477	A	5.464	0.01941	0.8866
21	rs2837465	40453077	C	0.2269	0.2071	A	4.073	0.04356	1.124
21	rs2837476	40463291	A	0.1636	0.1831	G	4.448	0.03494	0.8724
21	rs2205084	40686979	A	0.4382	0.4171	G	3.147	0.07605	1.09
21	rs11702220	40735354	A	0.2136	0.2311	G	2.987	0.08392	0.9038
21	rs2837628	40739269	G	0.09649	0.1114	A	3.929	0.04747	0.8518
21	rs2837767	40951763	G	0.5005	0.4676	A	7.522	0.006096	1.141
21	rs2837796	41013927	G	0.1713	0.1925	A	5.023	0.02502	0.8673
21	rs6517618	41102248	A	0.08978	0.0778	G	3.401	0.06515	1.169
21	rs2837838	41113732	A	0.06017	0.07242	G	3.905	0.04813	0.82
21	rs8126990	41405502	C	0.1563	0.1344	A	7.019	0.008065	1.193
21	rs9979680	41419328	G	0.1362	0.1585	A	6.481	0.0109	0.8375
21	rs2837983	41538627	A	0.242	0.2219	G	3.99	0.04576	1.119
21	rs457920	41716628	A	0.04696	0.03065	G	14.62	0.0001318	1.558
21	rs2838064	41852047	A	0.03096	0.03859	G	2.764	0.0964	0.796
21	rs11702046	41863007	A	0.1305	0.1157	G	3.673	0.05528	1.148
21	rs7278439	41899403	A	0.3338	0.3141	G	3.125	0.07709	1.095
21	rs7280734	41903345	A	0.1976	0.1776	C	4.715	0.02991	1.141
21	rs2839418	42192853	G	0.1479	0.1342	A	2.745	0.09755	1.12
21	rs12627125	42272984	C	0.04964	0.06749	A	8.965	0.002752	0.7216
21	rs11702690	42280737	G	0.06114	0.07657	A	5.905	0.0151	0.7853
21	rs220217	42315441	A	0.2601	0.2363	G	5.336	0.02089	1.136
21	rs150791	42334112	A	0.1087	0.1262	G	4.816	0.0282	0.8448
21	rs220281	42366655	G	0.3419	0.3168	A	5.009	0.02522	1.121

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21	rs428778	42370017	A	0.3444	0.3655	G	3.304	0.06913	0.9119
21	rs4148102	42514416	A	0.1249	0.1395	G	3.115	0.07759	0.88
21	rs4148123	42571320	A	0.3829	0.4027	G	2.84	0.09196	0.92
21	rs225406	42572299	A	0.1111	0.09752	G	3.537	0.06003	1.156
21	rs17114696	42626018	A	0.1008	0.08807	G	3.438	0.06372	1.161
21	rs228039	42945262	A	0.1713	0.1898	G	3.86	0.04945	0.8825
21	rs2269128	42951171	G	0.02221	0.03132	A	4.866	0.02739	0.7025
21	rs13052751	43157482	A	0.4355	0.4138	G	3.359	0.06684	1.093
21	rs2839644	43477341	G	0.07172	0.08527	A	4.127	0.04221	0.8288
21	rs2838257	43564562	G	0.1233	0.1106	A	2.775	0.09577	1.131
21	rs4819360	44240341	A	0.2149	0.2326	G	3.051	0.08068	0.9029
21	rs400368	44830626	G	0.01605	0.02413	A	4.957	0.02599	0.6594
21	rs235288	44963638	A	0.1632	0.193	G	9.956	0.001603	0.8155
21	rs2838665	44973302	A	0.2738	0.2511	G	4.696	0.03023	1.125
21	rs584681	44997697	A	0.2709	0.2967	C	5.554	0.01844	0.8805
21	rs4818972	45001266	A	0.1254	0.1436	G	4.696	0.03023	0.8552
21	rs2282116	45116684	G	0.07534	0.09228	A	6.023	0.01412	0.8014
21	rs4819130	45782727	G	0.4097	0.433	A	3.808	0.051	0.909
21	rs1888533	45825267	A	0.4602	0.4906	C	6.357	0.01169	0.8854
21	rs914238	45840089	G	0.5129	0.4851	A	5.331	0.02095	1.118
21	rs12626379	46026465	C	0.09524	0.1086	A	3.229	0.07237	0.8637
21	rs9984052	46308227	G	0.2678	0.2902	A	4.233	0.03965	0.8945
21	rs9982817	46339313	G	0.1476	0.1275	A	6.172	0.01298	1.185
22	rs5992590	15792806	G	0.2622	0.2837	A	3.921	0.04768	0.8974
22	rs5994110	15821524	G	0.1573	0.143	A	2.799	0.0943	1.118
22	rs738034	15974915	G	0.4267	0.3981	A	5.873	0.01537	1.125
22	rs2231495	16049306	G	0.3148	0.3444	A	6.726	0.009501	0.8746
22	rs1076105	16062165	A	0.09185	0.07949	G	3.543	0.05979	1.171
22	rs5748966	16085808	G	0.3993	0.4289	A	6.179	0.01293	0.8851
22	rs2268780	16411530	A	0.1446	0.1607	G	3.344	0.06746	0.8827
22	rs2284827	16427231	A	0.1909	0.1723	G	4.152	0.04159	1.134
22	rs5747351	16626375	G	0.4278	0.4068	A	3.142	0.07629	1.09
22	rs9618142	16706162	A	0.05372	0.07058	G	7.659	0.005648	0.7475
22	rs362195	16989046	A	0.05573	0.04584	G	3.769	0.05221	1.228
22	rs2073760	17886456	A	0.4308	0.4086	C	3.501	0.06133	1.095
22	rs9617814	17989943	G	0.2423	0.2604	A	2.961	0.0853	0.908
22	rs417309	18478544	A	0.09649	0.08486	G	2.965	0.08508	1.152
22	rs759577	18605536	G	0.1029	0.1159	A	2.854	0.09116	0.8753
22	rs561595	19290707	G	0.1987	0.2304	A	9.916	0.001638	0.828
22	rs13433634	19291189	G	0.01655	0.02552	A	5.793	0.01609	0.6425
22	rs1076455	19337485	G	0.2503	0.2688	A	3.033	0.08161	0.908
22	rs391649	19781725	A	0.08419	0.09579	C	2.708	0.09985	0.8678
22	rs2298428	20312892	A	0.1658	0.1819	G	3.023	0.08211	0.8939
22	rs17759843	20604745	A	0.1135	0.09848	G	4.327	0.0375	1.172
22	rs5756807	20767655	A	0.2138	0.2424	G	7.719	0.005465	0.8502
22	rs7289754	20926259	A	0.4266	0.4475	G	3.06	0.08025	0.9184

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22	rs2073458	21028552	A	0.3756	0.3992	G	4.012	0.04517	0.9054
22	rs738881	21056372	A	0.4901	0.4662	G	3.968	0.04637	1.101
22	rs715516	21266815	G	0.0879	0.1002	A	2.903	0.08841	0.8659
22	rs5759068	21288868	A	0.4072	0.3829	G	4.282	0.03851	1.107
22	rs5759373	21366105	G	0.04081	0.03219	A	3.991	0.04573	1.279
22	rs370534	21587051	A	0.09204	0.08041	G	3.103	0.07813	1.159
22	rs9306383	21751058	C	0.4313	0.4533	A	3.37	0.06641	0.9147
22	rs5996528	22038833	A	0.06625	0.07898	G	3.893	0.04849	0.8274
22	rs9612385	22262181	A	0.3204	0.3419	G	3.556	0.05934	0.9075
22	rs17627963	22285765	C	0.06037	0.04821	A	5.422	0.01988	1.269
22	rs6004171	23242232	A	0.3847	0.4152	G	6.579	0.01032	0.8807
22	rs140335	23243423	G	0.4252	0.4531	A	5.45	0.01957	0.8926
22	rs5760575	23409925	A	0.4643	0.487	G	3.533	0.06015	0.9132
22	rs5760612	23459964	G	0.4674	0.4875	A	2.782	0.0953	0.9226
22	rs8137801	23487455	G	0.0805	0.06838	A	3.908	0.04805	1.193
22	rs11703103	23595972	A	0.487	0.4626	G	4.115	0.02429	1.103
22	rs9612814	23657959	G	0.1115	0.09846	A	3.24	0.07185	1.149
22	rs5996821	23779213	C	0.1419	0.1573	A	3.115	0.07759	0.8859
22	rs5760912	23940710	A	0.07386	0.08654	G	3.558	0.05925	0.8418
22	rs9612906	23970628	A	0.4416	0.4629	G	3.139	0.07643	0.9177
22	rs505497	24266299	A	0.06502	0.08286	G	7.384	0.006582	0.7697
22	rs133847	24463775	G	0.3122	0.3384	A	5.305	0.02127	0.8875
22	rs133860	24474760	A	0.306	0.2826	G	4.641	0.03122	1.119
22	rs133901	24493996	G	0.3755	0.3511	A	4.492	0.03405	1.111
22	rs3859869	24498923	A	0.06089	0.07421	G	4.539	0.03314	0.8089
22	rs695430	24608427	A	0.4463	0.4773	G	6.622	0.01007	0.8829
22	rs2157538	24610462	A	0.3781	0.4044	G	4.972	0.02576	0.8953
22	rs6004809	24611210	A	0.3342	0.3135	G	3.397	0.06532	1.099
22	rs17706905	24615895	A	0.0418	0.05049	G	2.77	0.09605	0.8203
22	rs3948759	24664630	A	0.3175	0.3367	C	2.872	0.09013	0.9162
22	rs134733	24846836	A	0.1753	0.1517	G	7.362	0.006661	1.189
22	rs612275	25014218	G	0.4149	0.3933	A	3.343	0.06747	1.094
22	rs607989	25056954	A	0.21	0.2274	G	2.986	0.08401	0.9032
22	rs4822706	25059721	G	0.1801	0.2034	A	5.861	0.01548	0.86
22	rs9613266	25530942	G	0.4902	0.4562	A	7.99	0.004703	1.146
22	rs2331331	25540985	C	0.4865	0.4655	A	3.036	0.08142	1.088
22	rs5997154	25739465	A	0.4003	0.3792	G	3.261	0.07094	1.093
22	rs16983773	25860184	A	0.04494	0.05731	G	4.991	0.02548	0.774
22	rs7285915	25952616	G	0.08462	0.09926	A	4.196	0.04052	0.8389
22	rs525250	26013031	A	0.0605	0.0444	G	10.14	0.001452	1.386
22	rs849357	26072732	G	0.4019	0.3818	A	2.919	0.08755	1.088
22	rs136926	26116725	G	0.2984	0.3223	A	4.501	0.03387	0.8945
22	rs13055229	26149250	G	0.04494	0.03644	A	3.463	0.06274	1.244
22	rs7291248	26460130	G	0.258	0.2796	A	4.004	0.04539	0.8959
22	rs715627	26514328	A	0.06528	0.05604	C	2.727	0.09868	1.176
22	rs16986431	27167904	G	0.0547	0.04089	A	8.094	0.00444	1.357

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22	rs11089445	29065047	G	0.1073	0.09174	A	4.95	0.0261	1.19
22	rs2269961	29190830	A	0.2252	0.2089	G	2.767	0.0962	1.101
22	rs734479	29373484	G	0.03516	0.04395	A	3.237	0.072	0.7926
22	rs713853	29391869	A	0.4288	0.408	G	3.09	0.07876	1.089
22	rs5753472	29863225	G	0.3813	0.4031	A	3.422	0.06433	0.9125
22	rs7291990	30899263	G	0.1734	0.1574	A	3.277	0.07025	1.123
22	rs5998353	30986022	G	0.1321	0.1142	A	5.359	0.02061	1.18
22	rs7285170	31044214	A	0.3852	0.4165	G	6.953	0.00837	0.8778
22	rs16990207	31052207	A	0.03302	0.04127	C	3.028	0.08186	0.7934
22	rs5749436	31153156	A	0.1353	0.1596	G	7.679	0.005587	0.8241
22	rs11703151	31179712	A	0.1999	0.1813	C	3.962	0.04654	1.128
22	rs2097312	31242277	A	0.3875	0.3675	G	2.956	0.08556	1.089
22	rs5754144	31276113	A	0.446	0.4214	G	4.249	0.03927	1.105
22	rs2710359	31329830	G	0.1565	0.1424	A	2.772	0.09593	1.117
22	rs4821086	31413853	A	0.1053	0.08883	C	5.65	0.01745	1.207
22	rs737825	31434377	A	0.4205	0.3958	G	4.39	0.03616	1.108
22	rs756481	31435227	G	0.03461	0.05409	A	13.28	0.0002686	0.627
22	rs10483168	31770219	A	0.2009	0.174	C	8.567	0.003422	1.193
22	rs16991758	31798005	A	0.08978	0.07783	C	3.381	0.06595	1.169
22	rs8142672	31799031	A	0.3614	0.342	G	2.878	0.08978	1.089
22	rs137477	31962851	G	0.06839	0.05751	A	3.682	0.05499	1.203
22	rs1013603	31982454	A	0.2237	0.2022	G	4.872	0.0273	1.137
22	rs2283895	32081863	A	0.1863	0.2052	G	3.821	0.05063	0.8866
22	rs11703802	32134510	G	0.1365	0.1212	A	3.743	0.05304	1.146
22	rs2267206	32162148	A	0.1496	0.1647	G	2.851	0.09134	0.8928
22	rs5999086	32476368	G	0.1255	0.1438	A	4.727	0.02969	0.8547
22	rs8142645	32562903	G	0.0532	0.04168	A	5.565	0.01832	1.292
22	rs2092117	33251246	G	0.4494	0.4159	A	7.917	0.004896	1.146
22	rs10483184	33500735	A	0.09452	0.0828	C	3.075	0.07951	1.156
22	rs1546873	33549530	A	0.3419	0.319	G	4.158	0.04144	1.109
22	rs2187756	33664366	G	0.1038	0.1197	A	4.196	0.04053	0.8517
22	rs7291883	34458877	A	0.243	0.2619	G	3.191	0.07406	0.9049
22	rs9610404	34863888	A	0.1393	0.1633	G	7.343	0.006733	0.8295
22	rs10483193	34902461	A	0.168	0.1497	G	4.51	0.0337	1.147
22	rs2007706	34922316	A	0.5232	0.4922	G	6.624	0.01006	1.132
22	rs2157250	34961637	G	0.2234	0.2435	A	3.81	0.05094	0.8937
22	rs136142	34962971	A	0.4189	0.3972	G	3.381	0.06595	1.094
22	rs4820224	34983221	A	0.1192	0.1052	G	3.56	0.05917	1.151
22	rs136176	34991592	G	0.189	0.2056	A	2.9	0.08856	0.9009
22	rs11704382	35058098	A	0.05561	0.06634	C	3.235	0.07209	0.8288
22	rs140023	35278391	A	0.3202	0.3459	G	5.044	0.02471	0.8908
22	rs11705583	35686590	G	0.4221	0.4439	A	3.334	0.06784	0.9149
22	rs8138123	35693910	A	0.08419	0.09762	G	3.573	0.05871	0.8498
22	rs4820268	35799537	G	0.4794	0.4571	A	3.428	0.0641	1.093
22	rs855789	35802801	G	0.03818	0.04795	A	3.68	0.05507	0.7883
22	rs228904	35824760	G	0.2415	0.2144	A	7.451	0.006339	1.167

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22	rs11914132	35839033	A	0.2281	0.2498	G	4.365	0.03668	0.8874
22	rs3218339	35851157	A	0.1445	0.1302	G	3.092	0.07868	1.129
22	rs3218295	35863014	A	0.1538	0.1384	G	3.38	0.066	1.131
22	rs6000725	36137249	C	0.1162	0.1311	A	3.39	0.0656	0.8715
22	rs2281097	36296006	A	0.4009	0.4209	G	2.82	0.09308	0.9209
22	rs8135937	36862234	G	0.06192	0.07516	A	4.432	0.03528	0.8122
22	rs12485196	36992342	G	0.1692	0.185	A	2.862	0.0907	0.8975
22	rs5757037	37049135	A	0.3571	0.3925	G	9.113	0.002539	0.8596
22	rs46629	37177596	G	0.2634	0.2832	A	3.333	0.06791	0.9052
22	rs5757573	37963568	G	0.3452	0.3718	A	5.232	0.02217	0.8909
22	rs5750824	38160069	G	0.2032	0.187	A	2.937	0.08655	1.109
22	rs909674	38189115	C	0.2593	0.2775	A	2.847	0.09156	0.9117
22	rs132567	38303472	G	0.274	0.2555	A	3.096	0.07851	1.1
22	rs2267423	38694361	G	0.2389	0.2568	A	2.898	0.08869	0.9086
22	rs11702960	40599478	A	0.1524	0.1242	G	12.34	0.0004426	1.268
22	rs2018340	41012730	A	0.08316	0.07253	G	2.852	0.09125	1.16
22	rs8141607	41026244	A	0.1149	0.1311	G	4.01	0.04523	0.8604
22	rs4822134	41197276	G	0.4313	0.4092	A	3.486	0.0619	1.095
22	rs8139013	41610003	A	0.1027	0.1186	G	4.231	0.0397	0.8505
22	rs2018340	41720263	A	0.06302	0.07535	G	3.828	0.05039	0.8253
22	rs1076922	41890906	A	0.2546	0.2762	G	4.014	0.04512	0.8955
22	rs138933	41895799	A	0.4092	0.3888	G	3.005	0.08299	1.089
22	rs974580	42146197	A	0.126	0.1086	G	5.337	0.02088	1.184
22	rs135066	42163726	G	0.02683	0.03422	A	2.913	0.08787	0.7783
22	rs739233	42617428	A	0.1176	0.09604	C	9.075	0.002591	1.255
22	rs4823169	42641423	C	0.3916	0.3722	A	2.788	0.09496	1.086
22	rs6006615	42738932	G	0.1947	0.1774	A	3.502	0.0613	1.121
22	rs6006643	42830550	C	0.07859	0.0673	A	3.439	0.06368	1.182
22	rs5764546	42850209	A	0.08523	0.07461	G	2.775	0.09573	1.156
22	rs1557553	43139648	A	0.1007	0.08515	G	5.274	0.02164	1.203
22	rs2071821	43176351	C	0.07128	0.05907	A	4.525	0.0334	1.222
22	rs9626489	43341319	C	0.1033	0.08879	A	4.413	0.03566	1.182
22	rs2349634	43352403	G	0.4606	0.4824	A	3.277	0.07026	0.9162
22	rs138628	43366873	G	0.5083	0.4881	A	2.802	0.09414	1.084
22	rs9614840	43390761	A	0.3055	0.2852	G	3.472	0.06243	1.102
22	rs9614856	43409416	A	0.07471	0.08852	G	4.092	0.0431	0.8315
22	rs743989	43414293	C	0.03986	0.05003	A	3.825	0.05051	0.7883
22	rs5764983	43524888	A	0.2609	0.2802	C	3.185	0.07431	0.9068
22	rs739172	43540404	C	0.3359	0.3629	A	5.438	0.0197	0.8882
22	rs3788622	43566454	A	0.1734	0.1539	G	4.966	0.02585	1.153
22	rs1001728	43571324	A	0.03822	0.04896	G	4.37	0.03658	0.7719
22	rs9614944	43594813	C	0.1611	0.1775	A	3.175	0.07477	0.8901
22	rs136675	43616350	A	0.3239	0.3024	G	3.755	0.05266	1.105
22	rs1005368	43761894	G	0.2076	0.1898	A	3.533	0.06018	1.118
22	rs5766358	43820106	A	0.2599	0.2393	G	3.959	0.04662	1.116
22	rs12484773	43834263	G	0.0614	0.05226	A	2.858	0.09092	1.186

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22	rs738178	43997406	G	0.03457	0.04281	A	2.914	0.08781	0.8007
22	rs1533371	44034508	G	0.3061	0.2811	A	5.305	0.02127	1.128
22	rs6006753	44225136	A	0.2185	0.1941	C	6.481	0.01091	1.161
22	rs11090911	44886442	A	0.07084	0.05693	G	6.049	0.01392	1.263
22	rs6007862	44890432	A	0.3685	0.3468	G	3.578	0.05856	1.099
22	rs5767216	45257686	G	0.1192	0.1341	A	3.327	0.06817	0.874
22	rs3788726	45289960	G	0.0805	0.09235	A	2.932	0.08684	0.8603
22	rs16995971	45688015	G	0.03664	0.02614	A	7.168	0.007423	1.417
22	rs131884	45816537	G	0.315	0.289	A	5.648	0.01748	1.132
22	rs2001088	46111442	A	0.1798	0.1629	G	3.57	0.05884	1.126
22	rs13056610	46362616	G	0.09752	0.1102	A	2.87	0.09022	0.8723
22	rs1311100	46368055	G	0.1538	0.1385	A	3.359	0.06684	1.131
22	rs5767974	46532175	A	0.4099	0.4326	G	3.601	0.05776	0.9113
22	rs1884698	46592146	A	0.295	0.3184	G	4.366	0.03667	0.8957
22	rs16997815	46656658	G	0.2975	0.2766	A	3.744	0.05298	1.108
22	rs6008436	46657641	A	0.0516	0.06476	C	5.037	0.02481	0.7857
22	rs9306509	46842676	A	0.188	0.1656	G	6.191	0.01284	1.167
22	rs6008549	46856822	A	0.3431	0.3638	C	3.18	0.07455	0.9137
22	rs6008554	46871377	A	0.4421	0.4699	G	5.339	0.02085	0.8941
22	rs5768350	46873422	A	0.1725	0.158	G	2.727	0.09865	1.111
22	rs1467901	46919985	A	0.4505	0.4234	G	5.18	0.02284	1.116
22	rs4389	47024918	C	0.2624	0.2448	A	2.856	0.09103	1.097
22	rs133576	47032247	A	0.1236	0.1385	G	3.267	0.0707	0.8767
22	rs4394	47054817	A	0.1286	0.1132	G	4.022	0.04492	1.156
22	rs7287303	47092776	A	0.09288	0.1079	G	4.119	0.04241	0.8462
22	rs8136108	47211457	A	0.4911	0.4663	G	4.227	0.03979	1.105
22	rs12484924	47343770	G	0.09886	0.08367	A	5.056	0.02454	1.201
22	rs2180055	47722427	A	0.112	0.09858	G	3.439	0.06369	1.153
22	rs767219	48028474	G	0.3073	0.3345	A	5.757	0.01642	0.8826
22	rs9616534	48036422	C	0.06656	0.07835	A	3.371	0.06635	0.8388
22	rs2858649	48046496	G	0.3729	0.3503	A	3.855	0.04961	1.103
22	rs968517	48153783	G	0.3148	0.2964	A	2.789	0.0949	1.091
22	rs1076917	48227074	G	0.1481	0.1334	A	3.198	0.07375	1.129
22	rs7287161	48295515	A	0.1406	0.1592	G	4.48	0.0343	0.8643
22	rs139777	48489409	A	0.3054	0.3343	G	6.5	0.01079	0.8754
22	rs6009309	48491004	G	0.04296	0.05575	A	5.473	0.01932	0.7603
22	rs9616730	48506259	G	0.2128	0.2332	A	4.034	0.0446	0.8889
22	rs137916	48833840	A	0.2365	0.2582	G	4.263	0.03896	0.8896
22	rs6010161	48834248	A	0.2686	0.2474	G	4.149	0.04166	1.117
22	rs4838857	48943190	G	0.1249	0.1001	A	11.53	0.0006862	1.283
22	rs9616854	49265272	A	0.4587	0.482	G	3.742	0.05307	0.9108
22	rs8137951	49512530	A	0.3125	0.288	G	5.032	0.02489	1.124
23	rs12399749	3427253	A	0.2901	0.3126	C	3.372	0.06633	0.8983
23	rs6641588	3565302	A	0.434	0.4745	G	9.283	0.002312	0.8494
23	rs6641817	3571596	G	0.33	0.359	A	5.208	0.02248	0.8793
23	rs2058865	3589857	A	0.2339	0.2011	G	9.272	0.002327	1.212

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23	rs1003351	3641961	A	0.2843	0.3073	G	3.554	0.05941	0.8952
23	rs12116286	3688316	A	0.4386	0.462	G	3.143	0.07625	0.9095
23	rs5962193	4504656	G	0.395	0.4279	A	6.283	0.01219	0.8728
23	rs5916081	5415710	C	0.4613	0.4385	A	2.979	0.08435	1.096
23	rs5916139	5479735	C	0.4174	0.3724	A	12.17	0.0004862	1.207
23	rs5915634	5996250	A	0.04361	0.05409	G	3.106	0.078	0.7976
23	rs7049535	6160584	A	0.1004	0.08705	C	3.142	0.07628	1.171
23	rs5916408	6428059	G	0.2793	0.2525	A	5.327	0.021	1.147
23	rs5935527	7494729	G	0.07424	0.05666	A	7.918	0.004895	1.335
23	rs987234	7587718	G	0.01809	0.02632	A	3.877	0.04894	0.6817
23	rs7064653	7705286	G	0.03431	0.05248	A	9.779	0.001765	0.6415
23	rs5934414	8353726	G	0.2358	0.2045	A	8.367	0.003822	1.2
23	rs1881687	8842597	A	0.05746	0.04099	G	9.354	0.002225	1.426
23	rs12856138	8897753	A	0.1886	0.2139	G	5.381	0.02036	0.8543
23	rs1395790	8923640	A	0.2335	0.2137	G	3.268	0.07063	1.121
23	rs11095507	9189149	A	0.07697	0.064	G	3.883	0.04877	1.22
23	rs5934552	9204071	G	0.3705	0.3949	A	3.538	0.05998	0.9017
23	rs5934556	9219416	G	0.1318	0.1512	A	4.185	0.04077	0.8522
23	rs10521602	9235327	A	0.06176	0.07412	C	3.21	0.07319	0.8223
23	rs11798110	9364950	G	0.1397	0.1206	A	4.763	0.02907	1.183
23	rs4830644	9394808	G	0.1048	0.08089	A	10.57	0.001149	1.33
23	rs2238854	9477886	A	0.4506	0.4231	G	4.392	0.0361	1.119
23	rs733071	9635325	G	0.4266	0.3969	A	5.203	0.02255	1.131
23	rs2732872	9688521	G	0.2604	0.2375	A	4.077	0.04348	1.13
23	rs2239422	9846164	G	0.06978	0.08531	A	4.468	0.03453	0.8043
23	rs5934749	10028109	A	0.378	0.4062	G	4.663	0.03082	0.8886
23	rs3815014	10064606	A	0.2274	0.2027	G	5.296	0.02137	1.158
23	rs7065191	10140849	A	0.1316	0.1082	G	7.908	0.004922	1.25
23	rs5979308	10328903	A	0.03002	0.02149	G	4.682	0.03047	1.409
23	rs11796838	11548728	A	0.07477	0.06252	G	3.554	0.05941	1.212
23	rs17327802	11653727	G	0.07895	0.09711	A	5.414	0.01998	0.797
23	rs2214177	12174510	G	0.2779	0.3026	A	4.135	0.04201	0.8867
23	rs6641026	12435717	A	0.05234	0.06423	G	3.408	0.06488	0.8046
23	rs1266322	12660175	A	0.3821	0.344	G	9.035	0.002649	1.179
23	rs731326	13438391	G	0.2304	0.2503	A	2.991	0.08372	0.8968
23	rs11095617	13510786	G	0.1909	0.2145	A	4.736	0.02954	0.8639
23	rs2291123	15176065	A	0.1184	0.1339	G	2.981	0.08427	0.8685
23	rs5934299	15952583	G	0.1888	0.1599	A	8.643	0.003283	1.222
23	rs4355975	16392169	G	0.1607	0.1884	A	7.174	0.007398	0.825
23	rs4825363	17522418	A	0.3202	0.3511	G	5.95	0.01472	0.8708
23	rs6527831	18015188	A	0.05135	0.06498	C	4.423	0.03546	0.7788
23	rs5909256	18784847	A	0.1707	0.1446	G	7.673	0.005605	1.218
23	rs4825239	18902351	A	0.1084	0.1276	G	4.749	0.02931	0.8316
23	rs17222237	19010198	A	0.1684	0.1445	G	6.468	0.01099	1.2
23	rs5955692	19028289	A	0.04679	0.0622	C	5.932	0.01487	0.74
23	rs5955704	19068010	G	0.09085	0.1202	A	11.73	0.0006152	0.7312

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23	rs5955732	19123338	A	0.0933	0.1114	G	4.749	0.02932	0.8209
23	rs1390170	19316040	A	0.06567	0.07834	G	3.201	0.0736	0.8268
23	rs5955769	19326623	G	0.05385	0.0422	A	4.6	0.03197	1.292
23	rs17313679	19353043	G	0.2587	0.2216	A	11.17	0.0008298	1.226
23	rs5909364	20143459	G	0.3991	0.3677	A	5.98	0.01447	1.142
23	rs4373645	22214264	G	0.4718	0.4945	A	2.907	0.08821	0.9131
23	rs5951534	22215493	A	0.3258	0.3045	G	2.995	0.08351	1.104
23	rs17249158	22305889	G	0.1632	0.1803	A	2.817	0.0933	0.8868
23	rs6528197	22754578	G	0.2773	0.3005	A	3.649	0.05609	0.8931
23	rs5970944	22833684	G	0.144	0.1639	A	4.104	0.04278	0.8585
23	rs9887131	23135343	G	0.05299	0.068	A	5.164	0.02306	0.7669
23	rs5971087	23195821	C	0.4428	0.4151	A	4.486	0.03416	1.12
23	rs1881055	23293114	G	0.257	0.2834	A	4.861	0.02747	0.8749
23	rs5944042	24378751	G	0.1431	0.1243	A	4.541	0.0331	1.177
23	rs2057781	24386583	A	0.123	0.1069	G	3.805	0.05109	1.172
23	rs5944718	24984186	G	0.08083	0.06684	A	4.332	0.0374	1.228
23	rs4898235	25709031	C	0.5006	0.4689	A	5.666	0.0173	1.135
23	rs990596	25748340	G	0.2448	0.2748	A	6.42	0.01128	0.8556
23	rs5971431	27613023	G	0.05879	0.07026	A	2.901	0.08852	0.8265
23	rs12011998	28252744	G	0.03427	0.04339	A	2.911	0.08798	0.7823
23	rs7058552	28540682	A	0.05794	0.06989	G	3.172	0.07491	0.8186
23	rs7055811	28938185	A	0.02305	0.03081	G	2.942	0.08632	0.7423
23	rs5943611	29123308	G	0.2289	0.2028	A	5.865	0.01544	1.167
23	rs5927617	29284203	A	0.4592	0.4948	G	7.19	0.007331	0.867
23	rs6628477	29734110	G	0.4383	0.468	A	5.049	0.02464	0.8868
23	rs10429737	30214052	G	0.05349	0.04173	A	4.717	0.02987	1.298
23	rs4829169	30238067	A	0.2217	0.1943	C	6.733	0.009463	1.182
23	rs12556783	30423783	G	0.1037	0.1248	A	5.834	0.01572	0.8118
23	rs17338430	31215940	G	0.02866	0.0218	A	3.023	0.0821	1.324
23	rs10521976	31606813	A	0.09182	0.1057	G	2.923	0.08734	0.8554
23	rs3932944	31924781	A	0.4726	0.44	G	6.092	0.01358	1.14
23	rs6631471	31978270	G	0.3103	0.286	A	4.082	0.04334	1.124
23	rs1795588	32100618	C	0.3604	0.3876	A	4.412	0.03569	0.8904
23	rs10521999	32350898	G	0.1184	0.1476	A	9.831	0.001716	0.7753
23	rs1321398	32800260	A	0.3107	0.2855	G	4.372	0.03654	1.128
23	rs5927128	32951656	A	0.4013	0.4245	G	3.114	0.07763	0.9085
23	rs2143189	33179021	C	0.07477	0.06378	A	2.813	0.09352	1.186
23	rs17273427	36511216	A	0.3623	0.3257	G	8.556	0.003444	1.176
23	rs4506367	37585772	C	0.4218	0.3931	A	4.873	0.02728	1.126
23	rs4827341	37960978	G	0.1914	0.2134	A	4.137	0.04195	0.8721
23	rs17144080	38036667	A	0.03808	0.0481	C	3.182	0.07447	0.7833
23	rs3810691	38062911	G	0.2527	0.228	A	4.858	0.02751	1.145
23	rs980892	38397556	G	0.07352	0.08865	A	4.094	0.04305	0.8158
23	rs5963545	38576385	A	0.1296	0.1106	G	5.113	0.02375	1.197
23	rs11795436	38595241	G	0.03755	0.02657	A	6.289	0.01215	1.429
23	rs5917243	38746503	C	0.5159	0.4894	A	3.988	0.04583	1.112

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23	rs5917744	38909670	A	0.0762	0.06325	G	3.919	0.04774	1.222
23	rs5917783	39050944	G	0.03899	0.03011	A	3.681	0.05505	1.307
23	rs6610344	39547112	A	0.3577	0.3293	C	5.159	0.02313	1.135
23	rs6609050	39800663	G	0.3886	0.4213	A	6.203	0.01275	0.8733
23	rs2961401	40083361	G	0.2542	0.2749	A	3.066	0.07995	0.8989
23	rs3008956	40123022	G	0.07486	0.06186	A	4.034	0.04459	1.227
23	rs2284116	40936724	C	0.1073	0.09145	A	4.206	0.04029	1.194
23	rs12837663	40949153	G	0.2866	0.309	A	3.331	0.06797	0.8983
23	rs5918265	41616055	G	0.1204	0.1012	A	5.608	0.01788	1.215
23	rs12833155	42371426	C	0.1199	0.09984	A	6.221	0.01262	1.229
23	rs2213604	42573639	G	0.1385	0.1555	A	3.167	0.07513	0.8728
23	rs7879903	42729520	G	0.03681	0.0519	A	6.778	0.009227	0.698
23	rs4338257	43128159	G	0.2815	0.2584	A	3.91	0.04801	1.124
23	rs12009688	44058765	G	0.1028	0.1189	A	3.546	0.0597	0.8493
23	rs17300214	44315517	G	0.09806	0.08322	A	4.013	0.04516	1.198
23	rs5907034	44357967	A	0.238	0.2614	G	4.039	0.04446	0.8826
23	rs5952608	44407361	G	0.3623	0.4036	A	10.04	0.001531	0.8396
23	rs5952612	44426964	G	0.2942	0.2716	A	3.628	0.05681	1.118
23	rs143649	44470051	G	0.1603	0.1398	A	4.842	0.02777	1.174
23	rs2353631	45393805	G	0.3868	0.3559	A	5.847	0.01561	1.141
23	rs5905473	45412799	G	0.1547	0.1366	A	3.892	0.04851	1.157
23	rs5906073	45527548	G	0.3916	0.3694	A	2.998	0.08339	1.099
23	rs11797046	46778925	A	0.3354	0.361	C	4	0.04549	0.8936
23	rs4824417	46795054	G	0.1574	0.1353	A	5.799	0.01604	1.194
23	rs3748515	47259534	A	0.4471	0.421	G	3.944	0.04703	1.112
23	rs5905625	47501480	G	0.04237	0.05547	A	4.771	0.02895	0.7534
23	rs1013547	47734385	G	0.1237	0.1393	A	2.914	0.0878	0.872
23	rs12843603	47948720	G	0.1929	0.1573	A	13.18	0.0002829	1.28
23	rs12557174	48002707	C	0.472	0.4476	A	3.405	0.06501	1.104
23	rs5978154	53335957	A	0.3506	0.3299	G	2.729	0.09852	1.096
23	rs2050979	67840460	A	0.1241	0.1448	C	4.957	0.02599	0.837
23	rs877818	67970232	A	0.1965	0.1728	G	5.503	0.01899	1.171
23	rs4844160	68138735	G	0.3059	0.2799	A	4.705	0.03008	1.134
23	rs7892827	68312724	G	0.3288	0.2971	A	6.727	0.009499	1.158
23	rs6418410	68351445	G	0.1574	0.1742	A	2.797	0.09444	0.8854
23	rs4144532	68545109	A	0.04429	0.03262	G	5.881	0.01531	1.374
23	rs4844174	68563100	G	0.2276	0.2477	A	3.073	0.0796	0.8951
23	rs6525308	68636377	C	0.1996	0.174	A	6.366	0.01163	1.184
23	rs6625472	68656267	A	0.2405	0.2616	G	3.294	0.06953	0.8937
23	rs6625561	69141924	G	0.2689	0.3028	A	7.771	0.00531	0.8469
23	rs5980890	69148997	A	0.4082	0.3761	G	6.22	0.01263	1.145
23	rs545253	69267006	G	0.4336	0.4563	A	2.953	0.08574	0.9121
23	rs6615046	77887305	G	0.03741	0.04744	A	3.234	0.07214	0.7803
23	rs5913255	79503892	A	0.1275	0.1512	G	6.287	0.01216	0.8203
23	rs10521360	81449171	G	0.04326	0.03459	A	3.089	0.07882	1.262
23	rs12860055	83010332	A	0.1529	0.1357	G	3.509	0.06103	1.149

GNE_0369PR_TableS1									
23	rs1343096	83352003	A	0.1229	0.1405	C	3.697	0.0545	0.8569
23	rs2176383	84036853	A	0.05857	0.07067	G	3.224	0.07255	0.818
23	rs635506	86467002	G	0.1426	0.1656	A	5.483	0.0192	0.838
23	rs222108	86796766	G	0.3773	0.4062	A	4.926	0.02646	0.8856
23	rs6617745	87890958	G	0.101	0.1164	A	3.3	0.06928	0.8531
23	rs7885796	88153049	A	0.05483	0.06868	G	4.348	0.03706	0.7867
23	rs2093126	89207352	G	0.3603	0.3374	A	3.288	0.0698	1.106
23	rs1198717	92358445	A	0.05483	0.0667	G	3.277	0.07027	0.8116
23	rs5940239	92667494	A	0.2386	0.2678	G	6.186	0.01288	0.8568
23	rs16981588	93499462	G	0.0405	0.03034	A	4.789	0.02864	1.349
23	rs4969645	95020679	G	0.04015	0.05285	A	4.666	0.03077	0.7496
23	rs7888972	95677475	G	0.2539	0.2325	A	3.588	0.05818	1.123
23	rs5949879	95693528	A	0.4797	0.4565	G	3.086	0.07897	1.098
23	rs657818	96269104	G	0.0947	0.08159	A	3.2	0.07362	1.178
23	rs5921467	96298324	A	0.3423	0.3646	G	3.038	0.08131	0.9071
23	rs5921512	96313648	G	0.1551	0.1389	A	3.052	0.08065	1.138
23	rs4625170	96889379	A	0.351	0.3265	G	3.854	0.04962	1.116
23	rs1458300	96933123	G	0.03877	0.05573	A	7.988	0.004709	0.6835
23	rs12556870	97015240	A	0.06567	0.0546	G	3.279	0.07017	1.217
23	rs5921071	97524912	A	0.2528	0.2313	G	3.673	0.0553	1.125
23	rs992628	98312382	A	0.07174	0.05645	G	6.039	0.01399	1.292
23	rs17257536	100199946	G	0.209	0.2309	A	3.865	0.0493	0.88
23	rs521895	102923068	A	0.2944	0.3188	G	3.897	0.04837	0.8916
23	rs10521502	102941687	A	0.2761	0.2962	G	2.759	0.0967	0.9062
23	rs5917060	103522739	A	0.1054	0.08701	G	5.916	0.015	1.237
23	rs6616577	104369233	G	0.3038	0.2768	A	5.107	0.02383	1.14
23	rs7878282	105222329	C	0.1216	0.1391	A	3.652	0.05601	0.8571
23	rs5962682	105455055	A	0.04304	0.03475	G	2.834	0.0923	1.25
23	rs1883411	107283021	A	0.4779	0.4549	G	3.007	0.08292	1.097
23	rs5942641	109629890	A	0.0356	0.0278	G	3.088	0.07889	1.291
23	rs5943140	110441491	A	0.04429	0.03544	G	3.155	0.07568	1.261
23	rs1557770	114701431	A	0.4623	0.4394	C	3.002	0.08318	1.097
23	rs6520224	115392076	C	0.3935	0.4324	A	8.741	0.003111	0.8517
23	rs5952153	115411375	G	0.06281	0.07475	A	2.951	0.0858	0.8296
23	rs5952097	115470186	G	0.09159	0.1077	A	3.873	0.04906	0.8357
23	rs9698526	115618544	G	0.1049	0.09203	A	2.778	0.09554	1.157
23	rs5910813	116046610	C	0.1304	0.1466	A	3.002	0.08317	0.8727
23	rs5912017	116534705	A	0.1475	0.1284	C	4.539	0.03313	1.174
23	rs7889948	117474549	A	0.06301	0.07867	G	4.899	0.02687	0.7875
23	rs2499043	118257334	A	0.4303	0.4537	C	3.127	0.07698	0.9094
23	rs5909648	118664575	A	0.06106	0.07292	C	3.005	0.08303	0.8268
23	rs1468422	119012134	G	0.08162	0.09717	A	3.977	0.04611	0.8257
23	rs4514132	119324437	A	0.3961	0.4243	G	4.611	0.03177	0.8901
23	rs12392661	119692396	A	0.1023	0.1168	G	2.904	0.08835	0.8622
23	rs1865450	119764360	G	0.08858	0.07186	A	5.796	0.01606	1.255
23	rs12009084	121545200	G	0.06542	0.07835	A	3.341	0.06756	0.8235

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23	rs6648833	121711519	A	0.1556	0.1753	G	3.811	0.05093	0.8673
23	rs3761555	122144118	G	0.2445	0.2729	A	5.794	0.01608	0.8622
23	rs2355669	122793673	G	0.2098	0.232	A	3.945	0.047	0.8788
23	rs6649176	123160586	A	0.2682	0.2959	G	5.223	0.02228	0.8724
23	rs5911806	123252952	G	0.3044	0.3302	A	4.263	0.03895	0.8879
23	rs17325513	123400026	G	0.1175	0.1022	A	3.549	0.05957	1.17
23	rs16999269	123496432	G	0.04237	0.05483	A	4.361	0.03678	0.7626
23	rs5956662	123499816	A	0.1291	0.1511	C	5.395	0.02019	0.8332
23	rs3126101	124366923	G	0.3244	0.3581	A	7.037	0.007984	0.8606
23	rs1290579	125278502	C	0.4666	0.4923	A	3.755	0.05263	0.9019
23	rs5930945	125366259	A	0.311	0.3324	G	2.939	0.08649	0.9063
23	rs11796631	125647980	A	0.3856	0.3531	G	6.497	0.0108	1.15
23	rs1937553	125671438	A	0.315	0.3503	G	7.774	0.005299	0.853
23	rs5931850	126078224	G	0.08162	0.0959	A	3.387	0.0657	0.8379
23	rs10521772	130666465	A	0.01994	0.02837	C	3.782	0.0518	0.6968
23	rs12837419	134300907	G	0.07649	0.09246	A	4.366	0.03667	0.813
23	rs12686910	134478555	C	0.1357	0.1585	A	5.572	0.01825	0.8338
23	rs5930757	134571343	A	0.02827	0.02147	G	2.987	0.08394	1.326
23	rs17330794	134802256	A	0.08422	0.06957	G	4.59	0.03215	1.23
23	rs720583	135385907	A	0.4377	0.4021	G	7.418	0.006459	1.157
23	rs3027849	135421295	A	0.1092	0.1288	G	4.95	0.02609	0.8288
23	rs5930973	135559814	A	0.07165	0.05576	G	6.601	0.01019	1.307
23	rs4829855	136011572	A	0.188	0.2058	G	2.772	0.09591	0.8932
23	rs2251372	136298816	A	0.4865	0.4516	G	6.931	0.008473	1.15
23	rs1206209	136387565	A	0.403	0.4383	G	7.13	0.007579	0.8652
23	rs1929363	137123530	A	0.4435	0.4159	G	4.397	0.03599	1.119
23	rs5974808	138137263	A	0.2312	0.2537	G	3.824	0.05053	0.8846
23	rs17375	138160038	G	0.1434	0.1285	A	2.786	0.09507	1.136
23	rs5907636	138560920	G	0.433	0.4603	A	4.245	0.03937	0.8953
23	rs5955267	138905622	A	0.1437	0.1621	G	3.577	0.05857	0.867
23	rs5909064	139417447	G	0.3173	0.3454	A	4.962	0.0259	0.8809
23	rs5907638	139682482	A	0.5057	0.4799	G	3.736	0.05325	1.109
23	rs2873231	139742625	G	0.4505	0.48	A	4.91	0.0267	0.8883
23	rs6528780	139824986	A	0.04944	0.0404	G	2.907	0.0882	1.235
23	rs6528829	140262235	G	0.1994	0.2211	A	3.92	0.04772	0.8771
23	rs4824867	140264939	A	0.2997	0.2753	C	4.184	0.0408	1.127
23	rs6528868	140376273	A	0.111	0.1276	C	3.524	0.06049	0.8542
23	rs4824875	140378821	A	0.1432	0.1683	G	6.415	0.01131	0.8261
23	rs12688622	140582968	G	0.02447	0.03956	A	8.82	0.002979	0.609
23	rs5908107	140964185	G	0.2591	0.2845	A	4.475	0.0344	0.8795
23	rs5908177	141051059	A	0.1241	0.1072	G	4.18	0.04091	1.18
23	rs16993896	141381346	A	0.1201	0.1371	G	3.497	0.0615	0.8587
23	rs6636796	141581128	A	0.03639	0.02814	G	3.396	0.06537	1.304
23	rs4454417	141630825	A	0.3188	0.2978	G	2.961	0.08531	1.103
23	rs17329941	141912614	C	0.05444	0.06891	A	4.713	0.02993	0.778
23	rs5908549	142019590	A	0.1628	0.1828	G	3.822	0.05058	0.8695

GNE_0369PR_TableS1									
23	rs2142880	142264628	G	0.08709	0.07539	A	2.728	0.09858	1.17
23	rs4313286	142510541	G	0.1745	0.192	A	2.843	0.09176	0.8892
23	rs6525899	143818672	A	0.1053	0.1285	G	6.953	0.008368	0.7981
23	rs995895	144258291	A	0.1018	0.08921	G	2.727	0.09869	1.157
23	rs2207825	144648127	C	0.1165	0.1027	A	2.878	0.08978	1.152
23	rs4827657	144705965	A	0.4931	0.4614	G	5.739	0.0166	1.136
23	rs5919910	144728712	G	0.1919	0.17	A	4.76	0.02914	1.159
23	rs10521856	144795827	G	0.05059	0.06137	A	2.908	0.08814	0.8151
23	rs871156	144813322	G	0.4723	0.4358	A	7.639	0.005712	1.158
23	rs6626817	145853346	G	0.3591	0.3321	A	4.597	0.03203	1.127
23	rs12851378	146041135	G	0.1109	0.09418	A	4.543	0.03306	1.2
23	rs2504169	146165697	C	0.4778	0.4543	A	3.159	0.07552	1.099
23	rs7062976	146229119	G	0.1135	0.1342	A	5.287	0.02148	0.8263
23	rs5904735	146339953	A	0.4351	0.4132	G	2.8	0.09427	1.094
23	rs2719873	146417082	A	0.3171	0.3402	G	3.379	0.06603	0.9006
23	rs7058600	146443634	G	0.1446	0.1684	A	5.799	0.01604	0.8349
23	rs5951805	146455921	G	0.4918	0.4532	A	8.456	0.003639	1.168
23	rs1076616	146491033	G	0.06266	0.07919	A	5.409	0.02004	0.7773
23	rs1120142	147075004	A	0.1301	0.114	G	3.586	0.05825	1.163
23	rs5980631	147159532	G	0.06613	0.08161	A	4.623	0.03154	0.7969
23	rs6641214	147246249	G	0.2224	0.199	A	4.776	0.02886	1.151
23	rs5980526	147341180	A	0.3495	0.38	C	5.572	0.01825	0.8766
23	rs4844078	147873742	G	0.2922	0.2705	A	3.381	0.06595	1.114
23	rs12843532	148905050	A	0.06813	0.05525	G	4.384	0.03628	1.25
23	rs502696	149369432	A	0.2934	0.3141	G	2.841	0.09191	0.9065
23	rs5924846	149785433	G	0.4672	0.4368	A	5.272	0.02167	1.13
23	rs6526221	150169804	G	0.1241	0.0977	A	10.93	0.0009461	1.309
23	rs5924978	150542168	A	0.172	0.1547	G	3.212	0.07311	1.135
23	rs722350	150647768	A	0.4616	0.4835	G	2.72	0.09909	0.9159
23	rs964180	150792655	A	0.3812	0.4201	G	8.859	0.002917	0.8501
23	rs5969859	151026462	A	0.08983	0.1068	G	4.328	0.03749	0.8258
23	rs7886793	151716070	A	0.2956	0.3319	G	8.459	0.003633	0.8446
23	rs2980042	152408463	A	0.2305	0.2117	G	2.978	0.08442	1.115
23	rs4477197	152518645	A	0.03925	0.04916	G	3.049	0.08079	0.7902
23	rs7877342	152754286	G	0.3233	0.3021	A	3.006	0.08297	1.104
23	rs762514	153328427	G	0.1223	0.1068	A	3.551	0.05951	1.166
23	rs17281398	153886968	G	0.08162	0.1014	A	6.188	0.01286	0.788
25	rs17792825	541170	A	0.1413	0.1609	G	4.965	0.02586	0.8579

Claims:

1. A method for identifying a human subject diagnosed with early stage or intermediate age-related macular degeneration (AMD) as being at risk for developing advanced age-related AMD comprising
 - (a) determining in a biological sample from said subject the allelic frequency of common allelic variants associated with AMD for all single nucleotide polymorphisms set forth in Table S1, each single nucleotide polymorphism having an Odds Ratio, and
 - (b) calculating a polygenic score for said subject by multiplying the log of the Odds Ratio for each of said single nucleotide polymorphisms by the number of reference alleles carried by said human subject, and dividing the resulting sum by the number of single nucleotide polymorphisms tested, wherein a polygenic score greater than 0.0001 indicates that the subject is at risk for developing advanced AMD.
2. The method of claim 1 wherein the subject has been diagnosed with early stage AMD.
3. The method of claim 1 wherein the subject has been diagnosed with intermediate AMD.
4. The method of claim 1 further comprising assessing one or more aspects of the subject's personal history.
5. The method of claim 4 wherein said one or more aspects are selected from the group consisting of age, ethnicity, body mass index, alcohol consumption history, smoking history, exercise history, diet, family history of AMD or other age-related ocular condition, including the age of the relative at the time of their diagnosis, and a personal history of treatment of AMD.
6. The method of claim 1, wherein determining the allelic frequency is achieved by amplification of nucleic acid from said sample.
7. The method of claim 6, wherein amplification comprises PCR.
8. The method of claim 6, wherein primers for amplification are located on a chip.

9. The method of claim 8 wherein said primers for amplification are specific for alleles of said common genetic variants.
10. The method of claim 6 wherein the amplification comprises: (i) admixing an amplification primer or amplification primer pair with a nucleic acid template isolated from the biological sample, wherein the primer or primer pair is complementary or partially complementary to a region proximal to or including the polymorphism, and is capable of initiating nucleic acid polymerization by a polymerase on the nucleic acid template; and, b) extending the primer or primer pair in a DNA polymerization reaction comprising a polymerase and the template nucleic acid to generate the amplicon.
11. The method of claim 10, wherein the amplicon is detected by a process that includes one or more of: hybridizing the amplicon to an array, digesting the amplicon with a restriction enzyme, or real-time PCR analysis.
12. The method of claim 6, wherein the amplification comprises performing a polymerase chain reaction (PCR), reverse transcriptase PCR (RT-PCR), or ligase chain reaction (LCR) using nucleic acid isolated from the organism or biological sample as a template in the PCR, RT-PCR, or LCR.
13. The method of claim 6, further comprising cleaving amplified nucleic acid.
14. The method of claim 6, wherein said sample is derived from saliva or blood.
15. The method of claim 1 further comprising the step of recording the results of said determination in step (a) on a computer readable medium.
16. The method of claim 15 wherein said results are recorded in the form of a report.