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14. ABSTRACT Prostate cancer (PCa) is the most common cancer and the second leading cause of cancer death among men in the United States. Considering that PCa development requires the coordination of many genes, it is expected that simultaneous evaluation of multiple genetic variants can improve the statistical power to detect additional PCa risk variants. Recent improvements in analytical methods and computation make it feasible to search for gene-gene interaction of SNPs in the genome. We hypothesized that multiple sequence variants in the genome may interact to increase PCa risk. These variants may or may not have known main effect on PCa risk and can be better detected by systematically evaluating gene-gene interactions for SNPs in the genome. We utilized data from an existing GWAS of a large NCI Cancer Genetic Markers of Susceptibility (CGEMS) study to systematically discover gene-gene interactions in the genome. We identified pairs of SNPs that interact with each of the thirty-two known risk SNPs on PCa risk using logistic regression. And we confirmed the interaction for ~300 pairs of SNPs in another case-control study population in Sweden (CAPS) (P<0.05).					
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INTRODUCTION

Prostate cancer (PCa) is the leading cancer among men in the United States, and is a disease with strong genetic susceptibility. The genetic susceptibility is due to the inheritance of multiple sequence variants, majorly in the form of single nucleotide polymorphisms (SNPs). Most current genetic studies focus only on the single SNP association studies. In contrast, few studies have explored the role of interactions of multiple SNPs with PCa risk, due to limited statistical approaches available to study interactions in a genome-wide level. In fact, gene-gene interaction is the norm rather than exception for complex diseases such as PCa. Inference from tumorigenesis and results from genetic modeling studies suggest that multiple susceptibility genes, either additively or multiplicatively, determine individual risk to PCa. The importance of gene-gene interaction is also supported by empirical evidence from model organisms and human studies. Results from simulation studies suggest that simultaneous evaluation of multiple genetic variants can improve the statistical power to detect additional PCa risk variants and can be more fruitful than traditional approaches that exclusively focus on main effects³⁴. It is expected that additional PCa risk variants will be identified using gene-gene interaction analyses.

In this DOD funded proposal, we propose to 1) identify SNPs in the genome that interact to have stronger effects on PCa risk in the CGEMS GWAS data, 2) confirm the gene-gene interaction effect on PCa risk identified from the CGEMS study in 1,000 PCa cases and 1,000 controls in CAPS, 3) further confirm the gene-gene interaction effects on PCa risk for pairs of SNPs implicated in Aim 2 among the remaining 1,893 cases and 781 controls in CAPS, and 4) fine map the genomic regions where SNPs have been confirmed to have a strong gene-gene interaction effect on PCa risk among all 2,893 cases and 1,781 controls in CAPS.

BODY

Approved Statement of Work:

STATEMENT OF WORK

We will take advantage of two existing large study populations to test this hypothesis. The first study population is the NCI Cancer Genetic Markers of Susceptibility (CGEMS) study, where genome-wide data are available for 1,172 PCa case patients and 1,157 control subjects of European Americans descent. The second study population is our large population-based case-control study from Sweden (CAPS), with 2,893 PCa patients and 1,781 control subjects. These two large study populations are necessary to have sufficient statistical power to detect true interactions in the genome and to remove false positives using a multiple-stage study design.

Aim 1. Identify SNPs in the genome that interact to have stronger effects on PCa risk in the CGEMS GWAS data.

Step by step method and expected results

- 1) **(Months 1)** Preparation of the study, including IRB and other logistic issues.
- 2) **(Months 2)** Pre-association analysis and imputation of all the SNPs in the genome.
- 3) **(Months 3-12)** Logistic regression analysis to identify pairs of SNPs that interact to have stronger effects on PCa risk.
- 4) **(Months 3-12)** Bayesian epistasis association mapping (BEAM) to identify pairs of SNPs that interact to have stronger effects on PCa risk.

Outcome and deliverables

We will identify pairs of SNPs in the genome whose interaction terms reach $P < 0.001$. Based on the results of genome-wide searches for SNPs that interact with rs1447295 at 8q24, we expect to identify ~450 independent SNPs that interact with each of the twelve known PCa risk SNPs. In addition, we expect to identify additional SNPs that have stronger two-way or three-way interaction effects on PCa risk from the BEAM analysis. These SNPs, estimated to number around ~5,000, will be selected for further confirmation in Aim 2.

Aim 2. Confirm gene-gene interaction effects on PCa risk identified from the CGEMS study in 1,000 PCa cases and 1,000 controls in CAPS

Step by step method and expected results

- 1) **(Months 6-16)** Genotype ~5,000 SNPs among 1,000 cases and 1,000 controls in CAPS using iSELECT of Illumina.
- 2) **(Months 17-20)** Analyze data using logistic regression and BEAM methods to remove false positives identified in Aim 1 and obtain a smaller subset of SNPs that most likely represent true interaction for further confirmation in larger samples.

Outcome and deliverables

Most of the false positive interactions will be removed from this aim. We expect 125 pairs of SNPs in this stage will have $P < 0.05$ and have the same direction of interaction effect as in the CGEMS data $[(5,000 \times 0.05)/2]$. These SNPs will be selected for further confirmation in Aim 3. The actual number of SNPs may be higher if there are more true interaction effects in the genome.

Aim 3. Further confirm the gene-gene interaction effects on PCa risk for pairs of SNPs implicated in Aim 2 among the remaining 1,893 cases and 781 controls in CAPS

Step by step method and expected results

- 1) **(Months 21-24)** Genotype 125 SNPs among 1,893 cases and 781 controls in CAPS using iPLEX of Sequenom.
- 2) **(Months 25-28)** Analyze data using logistic regression and BEAM methods to remove false positives identified in Aim 1 and obtain a smaller subset of SNPs that most likely represents true interaction for further confirmation in larger samples.

Outcome and deliverables

We will use a stringent genome-wide significance level from the joint analysis ($P < 10^{-8}$) to declare significant interaction. In fact, considering that 12 genome-wide associations were performed, it is more conservative to use the cutoff of $P < 10^{-9}$. The actual number of SNPs whose interactions meet the criteria depends on the number of true interactions in the genome with the OR detectable in our study.

Aim 4. Fine map the genomic regions where SNPs have been confirmed to have strong gene-gene interaction effect on PCa risk among all 2,893 cases and 1,781 controls in CAPS

Step by step method and expected results

- 1) **(Months 29-30)** Functional SNPs and tagging SNPs will be selected in the genomic region for each of the SNPs implicated in Aim 3.

- 2) **(Months 29-30)** Selected SNPs will be genotyped in 2,893 cases and 1,781 controls of CAPS using iPLEX of Sequenom.
- 3) **(Months 31-36)** Fine mapping data analysis will be performed to identify the most strongly associated SNPs (interaction effect) in each of the regions implicated in Aim 3.

Summary report

By July 2011, we will be in the 24th month of this funded project. During the last year, we have completed the following 1) performed genome-wide epistasis analysis of the 20 novel risk SNPs reported 2) tested interaction effect ~7,000 SNPs that were implicated in Aim 1 among 1,500 cases and 1,000 controls in CAPS 3) genotyped ~300 SNPs among 1,893 cases and 3,172 iControls in JHH using iPLEX of Sequenom (genotyping data for iControls are obtained from Illumina Icontrol database (www.illumina.com))

Detailed report

Study population. For Aim 2, we used an existing study population in Sweden (CAPS). The study population used in Aim 3 was from Johns Hopkins Hospital (JHH), which included 1,964 PCa cases and 3,172 control subjects. The cases are Caucasian PCa patients who underwent radical prostatectomy for the treatment of PCa at JHH from January 1, 1999, through December 31, 2008. The control subjects for this population were an independent group of Caucasian individuals from the Illumina iControlDB (iControls) dataset (<http://www.illumina.com/science/icontribdb.ilmn>). In our initial proposal, we planned to use the remaining 1,893 cases and 781 controls in CAPS in Aim 3. However, we think it would be more meaningful if we can confirm the results in a complete independent and larger population.

SNP followed in Aim 2 and Aim 3. For the SNPs that reached a $p < 10^{-3}$ in the CGEMS GWAS analysis in Aim 1, we ran the clumping function implemented in PLINK to get a smaller number of independent SNPs ($r^2 < 0.5$). For Aim 2, a total of 7,029 independent SNPs were identified and analyzed in CAPS population. SNPs that reached a p-value of 0.05 were further followed in the JHH population.

Statistical analysis.

Logistic regression analysis. Recently, more risk SNPs for PCa were reported (1-15). Therefore, we performed additional epistasis analysis between each of the twenty novel risk SNPs (Table 1) and each SNP in the genome, as we did for the initial twelve SNPs we proposed. The epistasis effects were systematically tested by including both SNPs and an interaction term (product of two SNPs) in a logistic regression model. The analysis were implemented in the computer program PLINK. This is computationally feasible because PLINK provides an approximation but faster method (option: -fast-epistasis) to efficiently screen for gene-gene interaction. This test is based on a Z-score for difference in SNP1-SNP2 association (odds ratio) between cases and controls. For pairs of SNPs that reached a liberal P-value ($P < 0.01$), we will also performed a standard logistic regression analysis (option: -epistasis) to identify pairs of SNPs whose interaction terms reached $P \leq 0.001$. Ancestral proportions obtained were included as covariates to minimize the impact of potential population stratification. An additive genetic model was used in the analysis.

Table 1. Reported SNPs associated with Prostate Cancer

CHR	SNPs	category ¹	Note	BP-build36	Known genes	m/M ²	Risk
						Allele	allele
2	rs1465618	New 20	New 2p21	43,407,453	THADA	A/G	A
2	rs721048	New 20	2p15	62,985,235	EHBP1	A/G	A
2	rs12621278	New 20	New 2q31.1	173,019,799	ITGA6	G/A	A
3	rs2660753	Original 12	3p12	87,193,364		T/C	T
3	rs10934853	New 20	New 3q21.3	129,521,063		A/C	A
4	rs17021918	New 20	New 4q22.3	95,781,900	PDLIM5	T/C	C
4	rs7679673	New 20	New 4q24	106,280,983	TET2	A/C	C
6	rs9364554	New 20	6q25	160,753,654		T/C	T
7	rs10486567	Original 12	7p15	27,943,088	JAZF1	A/G	G
7	rs6465657	Original 12	7q21	97,654,263	LMTK2	T/C	C
8	rs2928679	New 20	8p21.2	23,494,920	NKX3.1	A/G	A
8	rs1512268	New 20	8p21.2	23,582,408	NKX3.1	T/C	T
8	rs10086908	New 20	New 8q24 (5)	128,081,119		C/T	T
8	rs16901979	Original 12	8q24 (2)	128,194,098		A/C	A
8	rs16902094	New 20	New 8q24.21	128,389,528		N/A	G
8	rs620861	New 20	New 8q24 (4)	128,404,855		A/G	G
8	rs6983267	Original 12	8q24 (3)	128,482,487		G/T	G
8	rs1447295	Original 12	8q24 (1)	128,554,220		A/C	A
9	rs1571801	Original 12	9q33	123,467,194		G/A	A
10	rs10993994	Original 12	10q11	51,219,502	MSMB	T/C	T
10	rs4962416	New 20	10q26	126,686,862	CTBP2	C/T	C
11	rs7127900	New 20	New 11P15.5	2,190,150	IGF2, IGF2AS, INS, TH	G/A	A
11	rs12418451	New 20	11q13 (2)	68,691,995	AL137479, BC043531	A/G	A
11	rs10896449	Original 12	11q13 (1)	68,751,243		A/G	G
17	rs11649743	New 20	17q12 (2)	33,149,092		A/G	G
17	rs4430796	Original 12	17q12 (1)	33,172,153	TCF2	A/G	A
17	rs1859962	Original 12	17q24.3	66,620,348		G/T	G
19	rs8102476	New 20	New 19q13.2	43,427,453		T/C	C
19	rs887391	New 20	19q13	46,677,464	10 Mb to KLK3	C/T	T
19	rs2735839	New 20	19q13 (KLK3)	56,056,435	KLK3	A/G	G
22	rs9623117	New 20	New 22q13	38,782,065		C/T	C
22	rs5759167	New 20	New 22q13.2	41,830,156	TTLL1, BIK, MCAT, PACSIN2	T/G	G
					NUDT10, NUDT11,		
23	rs5945619	Original 12	Xp11	51,258,412	LOC340602	C/T	C

Category: Original 12 indicated the 12 SNPs included in the original proposal, New 20 indicate SNPs that were newly reported

m = minor allele, M = major allele.

Results

Multiplicative interactions between one of the thirty-two known PCa risk variants and each SNP in the genome were systematically tested by including both SNPs and an interaction term (product of two SNPs) in a logistic regression model. The top pairs of independent SNPs that interact with each of the 21 novel risk SNPs

($p < 0.001$) except for rs16902094 are listed in Supplementary Table 1. One SNP, rs16902094, is not included in the analysis because it is not characterized in the Hapmap database ([www. Hapmap.org](http://www.Hapmap.org)), and therefore can't be imputed based on CGEM data.

A summary of the number of pairs of SNPs that are significant at $P < 0.05$ and in the same direction of association in the CAPS population is presented in Table 2. The detailed epistasis results for the 6,794 SNPs followed in Aim 2 are presented in Supplementary Table 1.

Table 2. Summary of interaction results in CGEMS and CAPS population

SNP1	P_CGEMS < 0.001	P_CGEMS < 0.001 and P_GASP2 < 0.05
rs10086908	244	5
rs10486567	237	13
rs10896449	249	8
rs10934853	251	14
rs10993994	220	11
rs11649743	211	7
rs12418451	226	10
rs12621278	171	4
rs1447295	202	15
rs1465618	204	9
rs1512268	242	10
rs1571801	186	12
rs16901979	107	4
rs17021918	244	9
rs1859962	246	11
rs2660753	245	20
rs2735839	170	6
rs2928679	221	8
rs4430796	216	12
rs445114	242	15
rs4962416	192	6
rs5759167	206	6
rs5945619	222	10
rs6465657	219	13
rs6983267	227	17
rs7127900	243	11
rs721048	236	14
rs7679673	242	16
rs8102476	230	8
rs887391	228	9
rs9364554	223	8
rs9623117	227	13

Discussion

Since 2007, genome-wide association studies successfully identified at least 33 PCa risk-associated single nucleotide polymorphisms (SNPs) (1-15). Although those risk-associated SNPs are well replicated in multiple studies, very few studies assess the potential epistasis, or gene-gene interaction between those SNPs and the rest of SNPs reside in the genome. Considering the importance of epistasis, or gene-gene interaction in the initiation of prostate cancer, we carried out a three-stage GWAS study to systematically evaluate the SNPs that interact with each of the 33 known risk SNPs in this funded proposal.

Two of the most notable advantages of our study design ensured the significance of our study. Firstly, it represents the most comprehensive study of gene-gene interaction for prostate cancer. In our initial proposal, 12 known risk SNPs were proposed to be studied. However, during the last two years, 20 more PCa-risk associated SNPs have been reported. Therefore, we also included the newly identified PCa-risk associated SNPs into our main analysis, and performed 20 additional GWAS analysis in year 2. This represents a tremendous important add-on effort to our initial proposal, and ensures our current study is the most comprehensive study on gene-gene interaction for prostate cancer risk, as it includes the evaluation of genes that interact with all the known PCa risk-associated SNPs. Secondly, our study includes a discovery study population, as well as two independent replication populations. Using a GWAS approach to search for gene-gene interaction will generate a large number of significant pairs of SNPs. However, a large proportion of the significant interacted SNPs identified in the discovery dataset are due to multiple testing issues. The most effective approach to remove those false positives and identify the true interacted SNPs is to use a multiple-stage design. The availability of two existing large independent populations to be used in the replication study greatly enhances the significance of our study. Particularly, we used CGEMS, which includes 1,176 PCa cases and 1,101 control subjects as the discovery samples, and use CAPS, which included 1,500 cases and 500 controls, and JHH, which included 2,000 cases and 3,000 controls, as the two confirmation populations. The SNP-SNP interactions replicated in both study populations are more likely to represent true associations.

Table 2 summarized our major results for year 2. A total of 1,757,946 SNPs that passed QC were included in the final analysis for CGEMS. Under the null hypothesis that no true gene-gene interaction exist in our dataset, we would observe ~176 pairs of SNP-SNP interactions ($1,757,946 \times 0.001 = 176$) to be associated with PCa risk. In the CGEMS dataset, we detected more significant interactions for most of the risk SNPs evaluated (# of significant interactions far more than 176, table 2). The excess significant interaction pairs we observed indicated that the true associated SNP-SNP interaction does exist in the CGEMS dataset. More importantly, many of the top-ranking SNP-SNP interactions detected in CGEMS were confirmed in the 2nd independent population of CAPS. Again, if under the null hypothesis of no true gene-gene interaction, the number of significant interactions observed in CAPS would be approximately 5, using a P-value cutoff of 0.05 and with the same direction of association effect (Assuming ~200 tests in CAPS for each of the 32 SNPs, the expected number of significant interactions observed in CAPS under the null would be equal to $200 \times 0.05 / 2 = 5$). As presented in Table 2, except for rs12621278 and rs2735839, the detected number of significant interacted SNPs were all larger than 5. The excess of observed interactions in the 2nd independent population also supported that the findings from our current study are more likely to represent true gene-gene interaction effects.

Based on our current results, we would like to highlight an interaction between one pair of SNPs when considering the possible biological function. The interaction was between rs6983267 at 8q24 Region 3 and rs3739262 in *WISP1* (Supplementary Table 2). This interaction was highly significant in CGEMS ($P = 6.6E-04$) and was confirmed in the CAPS population ($P = 0.048$). The SNP

rs6983267 is located in a genomic region containing the *POU5F1B* gene. The overexpression of *POU5F1B* has been observed in prostate cancer. *POU5F1B* has a similar expression pattern with *POU5F1*, which is known to promote epithelial tumors (16). *POU5F1* encodes a transcription factor, which is activated by the WNT pathway (17). This transcription factor plays a central role in embryonic development, especially during early embryogenesis, and it is necessary for embryonic stem cell pluripotency. This evidence is consistent with the hypothesis that the reactivation of embryonic pathways is involved in prostate cancer progression (18). Taken all those together, we may hypothesize that the significant association of rs6983267 on 8q24 region with prostate cancer may be due to a pluripotency function of *POU5F1B*, but not *POU5F1*. rs3739262 is located in the intron of the *WISP1* gene. The *WISP1* gene belongs to the WNT1 inducible signaling pathway (WISP) protein subfamily, which is a member of the connective tissue growth factor (CTGF) family. *WISP1* gene is downstream in the WNT1 signaling pathway which is involved in malignant transformation. The overexpression of this gene has been observed in colon tumors. Given the above evidence, we hypothesize that WISP mediates the WISP-*POU5F1B* interaction by participating in the regulation of the WNT signaling pathway, and in turn regulates the expression of *POU5F1B*.

Several other pairs of interactions are notable, including an interaction between rs7679673 in *TET* and rs6103041 in the *PTPRT* ($P=2.65E-05$ in CGEMS, $P = 0.02$ in CAPS), and an interaction between rs4430796 in *HNF1B* and rs4543871 in *ATF3* ($P=7.2E-04$ in CGEMS, $P= 0.02$ in CAPS). However, to obtain conclusive evidence, we would like to see whether the above interaction effects can be confirmed in the JHH population. Therefore, in year 3, we will analyze and confirm the top ranking SNPs that interact with the known risk SNPs in another independent JHH population (Aim 3). The pairs of SNP-SNP interactions that are confirmed in both the CAPS and JHH populations are more likely to represent true interaction effects. For the confirmed genomic regions, we will also perform fine-mapping studies to identify the most strongly associated SNPs (interaction effect) in each of the genomic regions implicated in Aim 3. Fine-mapping is a powerful approach to identify the most significant association signal and may help to pinpoint the most plausible causal SNP within a genomic region. We expect to generate highly significant results, upon completion the proposed work in year 3. Our study will be one of the first studies to report significant results for SNP-SNP interaction analysis with prostate cancer risk in three large independent populations.

KEY RESEARCH ACCOMPLISHMENTS

- 1) Completed genome-wide logistic regression analysis to identify pairs of SNPs that interact with twenty novel risk SNPs on PCa risk.
- 2) Completed genotyping and analysis of ~6,000 implicated in Aim 1 among 1,500 cases and 500 controls in CAPS.
- 3) Identified and followed ~300 SNPs that are confirmed in Aim 2 in a JHH population, which includes 1,893 cases and 3,172 controls.

REPORTABLE OUTCOMES

- 1) SNPs in the genome that interact with each of the twenty novel PCa risk SNPs with significant interactions ($P \leq 0.001$) (Supplementary Table 1)
- 2) ~300 SNPs that interacted with each of the thirty-two PCa risk SNPs that are confirmed in Aim2 ($P<0.05$). (Supplementary Table 2)

CONCLUSION

- 1) We have made great progress in achieving the goals described in the approved Statement of Work.
- 2) We have identified and confirmed SNPs in the genome that significantly interacts with each of the thirty-two known PCa risk SNPs in two of our study populations.

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Supplementary Table 1

CHR1	SNP1	CHR2	SNP2	BP2	OR_INT_CGEMS	P_CGEMS	OR_INT_GASP2	P_GASP2
2	rs12621278	1	rs2821063	3497783	0.43	0.0001736	0.67	0.1115
2	rs12621278	1	rs869080	18497170	0.47	0.0004221	0.90	0.6845
2	rs12621278	1	rs6678500	29444565	0.42	0.0008559	1.12	0.7425
2	rs12621278	1	rs175250	29803764	2.52	0.0001482	0.99	0.9711
2	rs12621278	1	rs3795419	33626223	0.35	0.0005761	0.60	0.06101
2	rs12621278	1	rs1334804	37064337	0.39	0.0008719	1.39	0.4211
2	rs12621278	1	rs1160752	37072505	0.48	0.0002839	0.84	0.5031
2	rs12621278	1	rs626842	43280003	0.51	0.0007075	1.09	0.7265
2	rs12621278	1	rs7550183	47742269	2.14	0.0001625	0.83	0.4099
2	rs12621278	1	rs332231	59297089	0.44	0.0005517	1.28	0.4303
2	rs12621278	1	rs11207909	62319807	3.37	0.0000236	1.24	0.5244
2	rs12621278	1	rs10889294	62342383	6.23	0.00003921	0.91	0.8292
2	rs12621278	1	rs7523656	154215194	0.51	0.0007604	0.90	0.6697
2	rs12621278	1	rs6676168	196158192	0.46	0.0002092	0.88	0.6011
2	rs12621278	1	rs17014203	205824128	2.81	0.0007466	0.63	0.1926
2	rs12621278	1	rs6540916	212457926	1.94	0.0009909	1.22	0.4147
2	rs12621278	1	rs6679363	214568761	0.39	0.0001555	1.05	0.8766
2	rs12621278	1	rs1294253	229810610	2.52	0.0003243	1.15	0.6663
2	rs12621278	1	rs6699315	231851294	0.49	0.000221	1.00	0.9932
2	rs12621278	1	rs10754645	235112058	2.19	0.0002246	0.93	0.7556
2	rs12621278	2	rs10200579	3689854	2.04	0.0004411	0.96	0.872
2	rs12621278	2	rs181131	8227158	2.08	0.0004054	0.93	0.7378
2	rs12621278	2	rs6544851	23576676	0.51	0.0008411	0.88	0.5984
2	rs12621278	2	rs7599783	29445433	2.03	0.0006864	1.45	0.1291
2	rs12621278	2	rs13403975	36854470	3.35	0.0006778	0.86	0.7931
2	rs12621278	2	rs6756625	43400964	0.38	0.0001072	1.08	0.7812
2	rs12621278	2	rs6705484	53900895	0.43	0.00003979	0.98	0.9313
2	rs12621278	2	rs10490470	53907384	0.29	0.0001149	0.61	0.1807
2	rs12621278	2	rs10188007	53970709	0.43	0.00009171	0.89	0.6324
2	rs12621278	2	rs2293361	54026515	0.22	0.0003048	0.76	0.5305
2	rs12621278	2	rs4672486	62406860	0.53	0.0009486	0.86	0.5306
2	rs12621278	2	rs10171167	109613601	2.17	0.0007117	1.54	0.1442
2	rs12621278	2	rs6709367	209482745	0.48	0.0005987	1.30	0.2695
2	rs12621278	2	rs883049	209677952	0.46	0.0009018	1.56	0.1345
2	rs12621278	2	rs1550068	221651536	2.02	0.000466	0.95	0.8425
2	rs12621278	3	rs1356615	3315244	0.31	0.0001518	0.97	0.9271
2	rs12621278	3	rs708033	10224720	0.40	0.0006685	0.94	0.8689
2	rs12621278	3	rs9310546	18227465	0.48	0.000468	0.73	0.205
2	rs12621278	3	rs1667737	24199122	2.25	0.0003552	0.92	0.776
2	rs12621278	3	rs1683766	31134153	2.18	0.0007911	1.00	0.9902
2	rs12621278	3	rs12488844	32067876	2.35	0.0006502	0.93	0.821
2	rs12621278	3	rs9875943	34651425	3.61	0.0005395	1.22	0.6073
2	rs12621278	3	rs4017425	44003768	1.97	0.0005532	1.11	0.6531
2	rs12621278	3	rs6767807	67464611	3.04	0.0001662	1.20	0.6398
2	rs12621278	3	rs484332	73919777	1.83	0.0009206	1.37	0.1987
2	rs12621278	3	rs12494685	89310087	0.51	0.0006651	0.94	0.7827
2	rs12621278	3	rs13075167	89385862	2.26	0.0002285	0.78	0.3137
2	rs12621278	3	rs3915170	111119717	2.40	0.0006276	0.94	0.8414
2	rs12621278	3	rs6439447	135120631	0.48	0.000984	0.65	0.1013
2	rs12621278	3	rs6770495	144525782	0.49	0.0001734	0.96	0.869

2 rs12621278	3 rs16853920	144799244	2.29	0.0008135	1.48	0.2687
2 rs12621278	3 rs6792542	173138376	2.33	0.0001835	1.38	0.2559
2 rs12621278	3 rs13322835	177122245	2.52	0.0008698	0.89	0.7547
2 rs12621278	3 rs1351236	182651908	2.22	0.000327	1.85	0.02924
2 rs12621278	3 rs766743	182730499	2.11	0.000546	0.77	0.2855
2 rs12621278	4 rs737601	9829502	5.11	0.00008907	1.20	0.6077
2 rs12621278	4 rs7665839	11342661	2.08	0.0009535	1.55	0.09141
2 rs12621278	4 rs12642807	19044841	2.51	0.0001937	1.06	0.8326
2 rs12621278	4 rs2970869	23569638	2.51	0.0002266	0.98	0.9574
2 rs12621278	4 rs17705869	54056171	0.48	0.0009471	0.96	0.8679
2 rs12621278	4 rs1813731	55514320	0.41	0.0002855	0.77	0.3704
2 rs12621278	4 rs13134657	104899745	3.64	0.00006402	0.64	0.3412
2 rs12621278	4 rs2648059	107905249	0.49	0.0006519	1.03	0.9171
2 rs12621278	4 rs17357657	140988964	0.41	0.0006734	0.74	0.2509
2 rs12621278	4 rs17057068	172866509	0.40	0.0006868	0.95	0.8544
2 rs12621278	4 rs11947747	186216482	2.24	0.0004357	1.74	0.101
2 rs12621278	5 rs1379305	6342200	0.50	0.0004691	0.76	0.233
2 rs12621278	5 rs31820	11488743	0.27	0.0006144	0.58	0.2209
2 rs12621278	5 rs6868212	23650292	5.93	0.000636	0.88	0.7661
2 rs12621278	5 rs6449656	62715851	0.51	0.0005263	0.68	0.1455
2 rs12621278	5 rs2617326	99616600	0.46	0.0003717	0.90	0.7059
2 rs12621278	5 rs10072700	131844802	0.45	0.0005886	1.22	0.4226
2 rs12621278	5 rs17065522	175174991	2.54	0.0007535	0.62	0.1654
2 rs12621278	5 rs2961663	177546150	3.47	0.0002393	0.92	0.7975
2 rs12621278	5 rs7735050	178900655	0.07	0.0007279	1.90	0.3296
2 rs12621278	6 rs9465003	17321042	0.47	0.0008237	0.95	0.857
2 rs12621278	6 rs9381042	41279191	2.96	0.0006316	0.49	0.07268
2 rs12621278	6 rs7743021	68121761	3.16	0.000659	0.97	0.9503
2 rs12621278	6 rs352517	69250301	2.15	0.0006444	1.18	0.4936
2 rs12621278	6 rs944579	78829380	1.97	0.0009031	1.20	0.4323
2 rs12621278	6 rs12660255	88960762	2.16	0.0003122	1.14	0.643
2 rs12621278	6 rs2748293	107267181	0.46	0.0009382	1.34	0.2919
2 rs12621278	6 rs9489822	120219183	0.51	0.0004244	0.90	0.6562
2 rs12621278	6 rs6903443	133616741	2.08	0.000247	0.65	0.09977
2 rs12621278	6 rs6920313	153494955	2.08	0.0004724	1.27	0.3574
2 rs12621278	7 rs518011	16366155	1.99	0.0007464	0.86	0.5226
2 rs12621278	7 rs4329182	22655861	2.39	0.0001772	1.32	0.3652
2 rs12621278	7 rs11771135	37514559	1.89	0.0005817	0.92	0.7276
2 rs12621278	7 rs7779566	37538928	3.25	0.0008826	0.88	0.7134
2 rs12621278	7 rs4637707	46653336	0.44	0.0001566	0.97	0.9022
2 rs12621278	7 rs11769556	70945243	2.60	0.000846	0.65	0.1394
2 rs12621278	7 rs10247757	79498098	0.33	0.0007517	0.66	0.2746
2 rs12621278	7 rs7791011	90619018	2.41	0.0004402	1.41	0.2656
2 rs12621278	7 rs17387968	103490224	0.27	0.0006765	0.78	0.5447
2 rs12621278	7 rs10242185	103499212	0.39	0.0005641	0.65	0.2116
2 rs12621278	8 rs17065049	439089	2.79	0.0006308	0.94	0.8382
2 rs12621278	8 rs12546419	5780467	1.93	0.0006245	0.87	0.5607
2 rs12621278	8 rs7823191	5806974	2.16	0.00006827	0.96	0.8623
2 rs12621278	8 rs6993152	5923079	0.46	0.0003386	0.84	0.5398
2 rs12621278	8 rs6557867	25813989	4.76	0.0001599	1.19	0.6657
2 rs12621278	8 rs4242425	25826062	2.07	0.0004469	1.00	0.9972
2 rs12621278	8 rs6996927	55474224	4.13	0.00009032	1.16	0.7061

2 rs12621278	8 rs4507768	70804572	1.98	0.0005609	1.13	0.6186
2 rs12621278	8 rs1915803	84229468	0.47	0.00009725	0.77	0.3143
2 rs12621278	8 rs2685627	84406973	0.33	0.0005471	0.70	0.3258
2 rs12621278	8 rs1870282	87852060	2.21	0.00009861	1.83	0.01575
2 rs12621278	8 rs11783238	117555120	2.45	0.0004155	1.39	0.3231
2 rs12621278	9 rs1379221	20238080	0.53	0.0009903	1.28	0.3317
2 rs12621278	9 rs7026582	20277948	2.18	0.0001597	0.82	0.4168
2 rs12621278	9 rs10868893	70649114	1.93	0.0008336	1.35	0.2334
2 rs12621278	9 rs2039645	70681841	0.47	0.00008305	0.73	0.1876
2 rs12621278	9 rs7034066	75314209	3.40	0.0001256	1.28	0.5219
2 rs12621278	9 rs12002036	126264016	0.46	0.0003799	1.41	0.2568
2 rs12621278	9 rs17148121	131533364	0.32	0.0003498	1.90	0.1043
2 rs12621278	10 rs17156539	15389322	0.49	0.000886	0.58	0.02714
2 rs12621278	10 rs11006828	28395456	3.42	0.0008602	2.86	0.06998
2 rs12621278	10 rs7068687	28505050	0.43	0.0007604	0.89	0.6814
2 rs12621278	10 rs7918099	73846224	2.22	0.0001662	1.61	0.05502
2 rs12621278	10 rs12265896	78548401	0.53	0.0008736	0.97	0.8929
2 rs12621278	10 rs7091871	101800294	6.79	0.0002436	0.50	0.1894
2 rs12621278	11 rs10837890	42604542	0.50	0.0008622	0.76	0.267
2 rs12621278	11 rs4414205	42661356	0.47	0.00006472	1.09	0.7093
2 rs12621278	11 rs12099233	42662000	0.43	0.000442	1.31	0.4183
2 rs12621278	11 rs6485702	46855347	0.49	0.0005786	0.67	0.1238
2 rs12621278	11 rs17198978	48128941	4.04	0.0008518	1.45	0.4188
2 rs12621278	11 rs12224685	103483793	3.37	0.000356	0.97	0.93
2 rs12621278	12 rs417664	5660856	0.54	0.0006416	0.82	0.4058
2 rs12621278	12 rs12371624	18505213	0.42	0.0002156	0.71	0.1892
2 rs12621278	12 rs6582362	40442620	0.52	0.0009788	0.63	0.04338
2 rs12621278	12 rs7308182	41661598	1.95	0.000533	1.10	0.69
2 rs12621278	12 rs7297305	80455874	2.63	0.0006303	1.32	0.4556
2 rs12621278	12 rs11116589	83654769	0.42	0.0001545	1.04	0.9059
2 rs12621278	12 rs1399457	99635045	2.89	0.00007691	1.23	0.4766
2 rs12621278	12 rs803569	107279318	2.52	0.0004344	0.85	0.5587
2 rs12621278	13 rs9552597	21588127	2.54	0.0001395	1.15	0.6128
2 rs12621278	13 rs276394	39492451	1.90	0.0004844	1.06	0.799
2 rs12621278	13 rs803813	70490908	0.47	0.00009275	1.70	0.05298
2 rs12621278	13 rs9543025	72106377	0.21	0.0007776	1.20	0.7224
2 rs12621278	13 rs17077264	83263674	0.15	0.0006333	0.68	0.4766
2 rs12621278	13 rs9590197	94642411	2.14	0.0003318	1.07	0.7937
2 rs12621278	13 rs2487566	94643273	0.49	0.000393	1.00	0.9851
2 rs12621278	13 rs3902523	96635106	2.27	0.0009851	0.99	0.9772
2 rs12621278	13 rs7987551	96641294	2.42	0.00005745	0.96	0.8733
2 rs12621278	13 rs4772022	97236888	0.46	0.0004217	0.71	0.1847
2 rs12621278	13 rs9556824	97263779	0.46	0.00009136	0.92	0.7229
2 rs12621278	13 rs11842969	100012376	2.10	0.00007518	0.86	0.5066
2 rs12621278	14 rs8020506	23415319	2.12	0.0006446	0.89	0.6948
2 rs12621278	14 rs8007620	54656340	0.44	0.00004136	1.16	0.523
2 rs12621278	14 rs1152518	57022972	2.29	0.000763	0.92	0.7827
2 rs12621278	14 rs972984	63091961	2.43	0.0005484	1.28	0.4555
2 rs12621278	14 rs12590361	102272470	4.30	0.0002076	0.74	0.3594
2 rs12621278	14 rs2816662	104667099	2.40	0.0004232	1.23	0.4885
2 rs12621278	15 rs1728878	53097144	0.49	0.0001701	0.96	0.8703
2 rs12621278	15 rs12324883	92337454	2.04	0.0003438	0.79	0.3294

2 rs12621278	16 rs2215718	9846297	1.90	0.0009889	0.96	0.8776
2 rs12621278	16 rs17314341	49374161	1.86	0.0006675	0.80	0.3692
2 rs12621278	17 rs9889896	29367973	2.14	0.0008155	0.87	0.6001
2 rs12621278	17 rs232109	61109199	3.08	0.0008468	1.23	0.6191
2 rs12621278	17 rs17759657	62040942	3.98	0.0003967	0.65	0.3657
2 rs12621278	18 rs2160964	1564274	2.09	0.000301	1.08	0.7587
2 rs12621278	18 rs11664918	20669436	2.18	0.00009351	0.89	0.5893
2 rs12621278	18 rs1786744	21678603	1.85	0.0008252	0.92	0.7302
2 rs12621278	18 rs581185	22466896	0.50	0.0002309	0.94	0.7831
2 rs12621278	18 rs8087577	43980494	2.60	0.0006493	1.29	0.5482
2 rs12621278	18 rs10853393	75809980	3.03	0.0001692	0.93	0.8213
2 rs12621278	18 rs7227096	75927294	1.97	0.00042	1.13	0.6086
2 rs12621278	18 rs9961321	75928551	0.50	0.0006717	1.03	0.8917
2 rs12621278	19 rs17271924	6048509	0.19	0.0006063	1.02	0.9627
2 rs12621278	20 rs230020	49179108	0.46	0.0007471	1.38	0.2063
2 rs12621278	20 rs6123651	55113147	2.57	0.0002086	0.90	0.72
2 rs12621278	22 rs9612869	23845737	0.41	0.0008196	1.45	0.2858
2 rs1465618	1 rs6666453	4897797	1.67	0.0003038	0.94	0.737
2 rs1465618	1 rs12737621	18444253	0.68	0.0004091	1.05	0.6987
2 rs1465618	1 rs1767148	23510778	0.54	0.0001288	0.83	0.3583
2 rs1465618	1 rs12568660	35085853	2.23	0.0005381	0.68	0.2288
2 rs1465618	1 rs10908374	35255525	1.74	0.0009612	0.77	0.2169
2 rs1465618	1 rs2073109	54539575	1.45	0.0003524	0.85	0.2217
2 rs1465618	1 rs12117429	75345663	0.61	0.0009528	1.03	0.8853
2 rs1465618	1 rs1009964	89977992	0.71	0.0009887	0.89	0.3807
2 rs1465618	1 rs12024306	95136286	2.43	0.0003649	0.49	0.1186
2 rs1465618	1 rs4656536	163981768	0.69	0.0008804	1.14	0.3721
2 rs1465618	1 rs1407555	181853679	0.70	0.0007141	0.99	0.9551
2 rs1465618	2 rs12713318	56733534	0.58	0.000653	1.16	0.4705
2 rs1465618	2 rs17030108	65399510	1.79	0.0006777	1.70	0.02869
2 rs1465618	2 rs12228	79262002	2.52	0.0007295	0.93	0.8471
2 rs1465618	2 rs6547415	82409463	2.03	0.0004361	0.68	0.1506
2 rs1465618	2 rs960536	124629828	2.36	0.0004335	0.70	0.1893
2 rs1465618	2 rs6710996	160605030	1.60	0.0005568	0.95	0.7863
2 rs1465618	2 rs2715916	160686725	1.80	0.00005864	0.89	0.5345
2 rs1465618	2 rs6714776	221879738	1.58	0.000311	0.86	0.3079
2 rs1465618	3 rs939838	27029900	0.68	0.0004907	1.21	0.1516
2 rs1465618	3 rs9829357	29640465	0.65	0.0003649	1.18	0.3225
2 rs1465618	3 rs4688619	65934980	0.61	0.0006599	1.27	0.1721
2 rs1465618	3 rs13082867	76001559	1.48	0.0004336	1.27	0.1212
2 rs1465618	3 rs6548629	79658499	0.47	0.000686	0.94	0.8243
2 rs1465618	3 rs11707125	114311192	0.58	0.0001986	0.83	0.2674
2 rs1465618	3 rs2700230	114337029	0.66	0.0003962	1.07	0.6386
2 rs1465618	3 rs9843177	117113109	0.71	0.0008715	0.91	0.4963
2 rs1465618	3 rs9832999	123397396	0.66	0.0005179	0.94	0.6693
2 rs1465618	3 rs746055	144786702	1.60	0.0009453	1.30	0.1173
2 rs1465618	3 rs4679796	158669380	1.46	0.0009191	0.94	0.6803
2 rs1465618	3 rs9826712	163235455	1.91	0.0006425	1.14	0.6009
2 rs1465618	3 rs13084750	185577426	0.34	0.0003772	0.68	0.2515
2 rs1465618	4 rs11722363	27785617	0.67	0.0002324	1.21	0.1445
2 rs1465618	4 rs7687734	28136625	1.61	0.0008912	1.02	0.9124
2 rs1465618	4 rs2612522	42490385	0.67	0.0009419	0.91	0.5251

2 rs1465618	4 rs1368607	58881163	1.56	0.0007739	0.97	0.8827
2 rs1465618	4 rs6551926	66120889	0.72	0.0008722	0.98	0.8746
2 rs1465618	4 rs17001726	77534206	1.96	0.000365	1.64	0.02963
2 rs1465618	4 rs1399420	92022043	1.94	0.0008633	0.88	0.6374
2 rs1465618	4 rs2051776	113606140	0.65	0.00006548	0.73	0.02009
2 rs1465618	5 rs4702316	6257443	0.67	0.0003675	0.90	0.435
2 rs1465618	5 rs17221318	19778344	1.89	0.0001971	1.16	0.4885
2 rs1465618	5 rs6866365	31052470	2.10	0.0002981	1.17	0.4613
2 rs1465618	5 rs4574573	37951477	0.70	0.0006491	0.83	0.1669
2 rs1465618	5 rs27223	59788397	1.44	0.0008873	1.00	0.9858
2 rs1465618	5 rs7732234	60822637	1.42	0.0006102	0.97	0.8444
2 rs1465618	5 rs10038844	62745709	0.68	0.0002233	1.10	0.494
2 rs1465618	5 rs4700176	66554462	0.54	0.0003372	0.87	0.5423
2 rs1465618	5 rs7736534	88762093	2.10	0.000235	0.88	0.6252
2 rs1465618	5 rs17661925	98015535	1.85	0.0006666	0.78	0.2384
2 rs1465618	5 rs173775	106643405	0.63	0.0009918	1.40	0.04708
2 rs1465618	5 rs11745668	125718624	1.51	0.0003342	0.93	0.5909
2 rs1465618	5 rs959727	132594110	0.71	0.0009475	1.19	0.1901
2 rs1465618	5 rs609412	146205437	1.53	0.0005846	1.22	0.2191
2 rs1465618	5 rs2278389	168381778	1.77	0.0004731	0.69	0.05806
2 rs1465618	5 rs4867879	169064953	1.44	0.0003753	0.94	0.6183
2 rs1465618	6 rs11242871	3685306	1.44	0.0006784	1.23	0.1193
2 rs1465618	6 rs9356716	20005379	1.56	0.0006104	1.02	0.9034
2 rs1465618	6 rs4712929	25508375	2.04	0.000104	1.42	0.1246
2 rs1465618	6 rs12333060	71118038	1.43	0.0009531	0.89	0.3628
2 rs1465618	6 rs194630	82573296	1.50	0.0001295	1.22	0.1361
2 rs1465618	6 rs999567	82579690	0.43	0.0006412	0.79	0.3738
2 rs1465618	6 rs7382626	123251518	1.59	0.00005672	1.25	0.1205
2 rs1465618	6 rs2327212	132920951	0.60	0.0005866	1.10	0.6236
2 rs1465618	6 rs12214271	150691720	1.72	0.0001897	1.09	0.6574
2 rs1465618	6 rs4708959	162839608	0.70	0.0008134	1.06	0.6529
2 rs1465618	6 rs4709614	162846616	1.44	0.0006187	0.82	0.1388
2 rs1465618	6 rs1764019	163774717	1.61	0.0007185	1.38	0.06972
2 rs1465618	6 rs2321979	164227290	0.68	0.0005858	1.05	0.7378
2 rs1465618	6 rs206009	164399696	1.59	0.000265	1.18	0.3222
2 rs1465618	6 rs9355540	165945414	0.35	0.000817	1.62	0.2578
2 rs1465618	7 rs1562830	32166707	0.49	0.0002407	1.23	0.4515
2 rs1465618	7 rs17688549	40630532	0.58	0.00072	1.25	0.3185
2 rs1465618	7 rs10499653	46919064	0.60	0.0006492	0.93	0.7126
2 rs1465618	7 rs11764165	67114557	1.87	0.0009651	1.50	0.07511
2 rs1465618	7 rs10260200	69970158	0.71	0.0009621	0.98	0.8689
2 rs1465618	7 rs993724	90971774	1.54	0.0003457	1.05	0.747
2 rs1465618	7 rs13246549	114641802	0.45	0.0004524	0.85	0.5456
2 rs1465618	8 rs10503242	4066813	2.94	0.0004813	2.37	0.1215
2 rs1465618	8 rs10105014	12764400	2.40	0.0004672	1.34	0.3563
2 rs1465618	8 rs310576	51603877	1.65	0.0009976	1.21	0.3546
2 rs1465618	8 rs4551346	63565715	1.98	0.0004042	1.09	0.7358
2 rs1465618	8 rs10504351	63565895	1.53	0.0007524	0.96	0.8035
2 rs1465618	8 rs7836669	64182386	0.66	0.000191	1.14	0.346
2 rs1465618	8 rs7822407	75070367	1.83	0.0002744	0.81	0.2804
2 rs1465618	8 rs6992731	75873556	0.53	0.0002397	0.77	0.1198
2 rs1465618	8 rs10957744	76061989	0.59	0.0003557	1.01	0.9519

2 rs1465618	8 rs4897730	134980670	1.58	0.0001408	0.87	0.3349
2 rs1465618	8 rs9297874	134984532	1.82	0.0002294	0.72	0.07314
2 rs1465618	9 rs10974449	4301035	0.68	0.0008096	0.85	0.2488
2 rs1465618	9 rs10738261	12085022	1.59	0.00004452	1.00	0.9878
2 rs1465618	9 rs1900226	12117391	1.98	1.64E-06	1.10	0.551
2 rs1465618	9 rs791773	12129870	1.48	0.0002296	1.13	0.3726
2 rs1465618	9 rs16928466	12144797	0.42	0.0009053	1.32	0.3812
2 rs1465618	9 rs7850903	13911788	1.43	0.0008675	0.90	0.4402
2 rs1465618	9 rs3008668	16041064	0.68	0.0007484	1.05	0.7616
2 rs1465618	9 rs7031744	18177403	1.47	0.0004164	1.00	0.9828
2 rs1465618	9 rs10812444	26674083	0.68	0.0004694	0.74	0.02409
2 rs1465618	9 rs13294589	26684888	0.60	0.0001011	0.74	0.05441
2 rs1465618	9 rs4978100	26741013	0.66	0.0002172	0.80	0.1143
2 rs1465618	9 rs1856201	33651582	0.67	0.0002716	1.15	0.3064
2 rs1465618	9 rs7863262	68520415	0.40	0.000998	0.77	0.5059
2 rs1465618	9 rs1977457	70533692	0.70	0.0007237	1.14	0.3189
2 rs1465618	9 rs2245879	84019207	1.74	0.0002044	0.93	0.6864
2 rs1465618	9 rs7032217	84097069	2.01	0.0001641	0.77	0.2315
2 rs1465618	9 rs10820229	102520478	0.68	0.0005006	1.17	0.2512
2 rs1465618	9 rs7045218	103617278	1.55	0.0002532	0.85	0.2606
2 rs1465618	9 rs1439193	103646167	1.50	0.0001175	0.99	0.9513
2 rs1465618	9 rs11794056	112684198	1.48	0.0003896	1.29	0.08658
2 rs1465618	9 rs10987576	127068030	0.63	0.0006363	1.08	0.617
2 rs1465618	9 rs10760481	127185620	0.64	0.0007009	0.74	0.04646
2 rs1465618	10 rs7074210	17599873	0.61	0.0007797	1.01	0.9722
2 rs1465618	10 rs10764441	24317722	0.64	0.0006153	0.95	0.7334
2 rs1465618	10 rs2393902	64039007	0.68	0.0005265	1.11	0.4598
2 rs1465618	10 rs7918860	70340702	0.68	0.0003203	1.26	0.07568
2 rs1465618	10 rs10762635	76073137	0.58	0.0002086	1.22	0.3584
2 rs1465618	10 rs10509557	90653819	1.63	0.00002503	0.88	0.4277
2 rs1465618	10 rs1415491	108965565	0.55	0.0005866	0.97	0.8871
2 rs1465618	10 rs753156	115266363	1.58	0.0001168	1.17	0.3221
2 rs1465618	10 rs2419829	115266966	1.54	0.0006149	0.99	0.9353
2 rs1465618	10 rs7068368	119623807	3.13	0.0001229	1.47	0.3553
2 rs1465618	11 rs2014079	19842939	1.55	0.000252	0.87	0.395
2 rs1465618	11 rs1914984	20807913	1.94	0.0007753	1.25	0.4046
2 rs1465618	11 rs1027388	40576404	1.43	0.000668	1.05	0.7272
2 rs1465618	11 rs7127460	84345864	1.73	0.0004965	1.53	0.01852
2 rs1465618	11 rs182990	84461514	1.47	0.0004812	1.03	0.8433
2 rs1465618	11 rs7116731	113835228	1.43	0.0006533	1.04	0.7965
2 rs1465618	11 rs477855	119599780	0.55	0.0009681	0.64	0.05843
2 rs1465618	12 rs16926921	24026250	1.54	0.000362	1.34	0.06087
2 rs1465618	12 rs2293411	54375821	1.42	0.0008037	0.89	0.3601
2 rs1465618	12 rs2127536	67030718	0.68	0.0003772	0.99	0.9543
2 rs1465618	12 rs17029836	98761436	0.63	0.0002305	0.93	0.6019
2 rs1465618	12 rs10861575	105205711	1.46	0.0005469	1.03	0.8479
2 rs1465618	12 rs11059855	127734990	0.66	0.0003012	0.97	0.8176
2 rs1465618	13 rs7993367	21748196	2.13	0.0005675	1.07	0.8251
2 rs1465618	13 rs3848095	32792475	0.66	0.0007798	1.12	0.4577
2 rs1465618	13 rs9634754	38159151	1.46	0.0009305	0.97	0.8125
2 rs1465618	13 rs17684755	58444371	1.95	0.0005494	1.80	0.0981
2 rs1465618	13 rs17072502	79707821	0.50	0.000938	1.31	0.334

2 rs1465618	13 rs9587769	87989519	1.58	0.0004098	0.91	0.5756
2 rs1465618	13 rs7991133	88115560	0.62	0.0003923	0.95	0.7542
2 rs1465618	13 rs12583336	92651597	0.53	0.00088	0.84	0.4208
2 rs1465618	13 rs1877533	103451461	0.66	0.00005954	1.09	0.5079
2 rs1465618	14 rs2295705	23009272	1.91	0.0009346	0.61	0.04281
2 rs1465618	14 rs17257145	24200683	0.50	0.0001488	1.20	0.4877
2 rs1465618	14 rs1951334	39530704	0.41	0.0001465	0.93	0.8051
2 rs1465618	14 rs7161571	39641992	0.53	0.00005224	0.96	0.8105
2 rs1465618	14 rs1954308	53010450	0.70	0.0006239	1.00	0.9894
2 rs1465618	14 rs6573361	60685463	2.68	0.0006125	2.23	0.04059
2 rs1465618	14 rs17824786	62855408	0.62	0.0008028	0.90	0.5455
2 rs1465618	14 rs11849394	63653563	0.56	0.0003396	0.83	0.4261
2 rs1465618	14 rs986980	77842776	1.43	0.0005039	0.82	0.1282
2 rs1465618	14 rs2273647	90998039	1.45	0.0005871	1.31	0.05421
2 rs1465618	15 rs12440276	34832414	0.40	0.00007938	1.30	0.3647
2 rs1465618	15 rs641601	40205637	1.42	0.0008816	0.93	0.5587
2 rs1465618	15 rs8040255	40209274	0.63	0.0009366	0.86	0.333
2 rs1465618	15 rs1912635	45687160	0.65	0.00003152	1.15	0.3013
2 rs1465618	15 rs11070607	45773617	0.67	0.0001116	0.97	0.8169
2 rs1465618	15 rs765	45822977	0.61	3.05E-06	0.90	0.4562
2 rs1465618	15 rs751940	61551558	1.69	0.0004479	0.89	0.5276
2 rs1465618	15 rs2009746	76541157	0.68	0.000411	1.06	0.6407
2 rs1465618	15 rs1062980	76579582	1.53	0.00008077	0.92	0.5273
2 rs1465618	15 rs11629637	76806079	0.69	0.0004451	1.02	0.8673
2 rs1465618	15 rs870561	84318635	1.62	0.0003218	1.26	0.1623
2 rs1465618	15 rs13380006	90817132	1.54	0.0002735	1.26	0.1072
2 rs1465618	16 rs1922585	7226822	0.65	0.00007616	0.92	0.57
2 rs1465618	16 rs2866858	13877171	0.57	0.000753	1.29	0.2029
2 rs1465618	16 rs16976493	26939008	0.60	0.0000489	1.09	0.5824
2 rs1465618	16 rs12933482	70747105	1.96	0.0003136	0.95	0.7937
2 rs1465618	16 rs12924285	71210827	1.88	0.0007069	1.19	0.3989
2 rs1465618	17 rs2277649	10289079	1.43	0.0009014	1.01	0.9602
2 rs1465618	17 rs12948032	14721632	0.64	0.0001894	0.92	0.5667
2 rs1465618	17 rs216480	25892855	1.45	0.0003112	1.02	0.8781
2 rs1465618	17 rs4291948	61312353	1.87	0.0007501	1.21	0.3982
2 rs1465618	18 rs7243045	1178698	0.43	0.0002739	1.05	0.8716
2 rs1465618	18 rs396520	7125205	0.65	0.0005368	0.78	0.1142
2 rs1465618	18 rs4797483	10777465	1.72	0.0008422	1.08	0.7201
2 rs1465618	18 rs9960754	17840238	2.33	0.0004323	0.71	0.2872
2 rs1465618	18 rs2187544	51911078	1.41	0.0007489	0.90	0.4162
2 rs1465618	18 rs1894151	51914449	1.57	0.00019	0.82	0.1504
2 rs1465618	18 rs9961807	51970902	0.65	0.0005893	0.89	0.4103
2 rs1465618	18 rs8097285	58360099	4.22	0.0001341	1.01	0.9736
2 rs1465618	18 rs4488554	62885017	2.62	0.00009434	1.15	0.6648
2 rs1465618	18 rs4890966	73428330	1.53	0.0007051	0.95	0.7279
2 rs1465618	19 rs10403787	10027375	0.63	0.000559	1.01	0.9366
2 rs1465618	19 rs2286904	32976060	1.44	0.0003478	0.87	0.3016
2 rs1465618	19 rs3745509	55488717	0.66	0.0007745	1.04	0.7956
2 rs1465618	20 rs652661	10416779	0.71	0.0009839	0.98	0.9049
2 rs1465618	20 rs6078340	11716987	1.53	0.0001004	1.00	0.9887
2 rs1465618	20 rs11087256	18421958	0.68	0.0003526	1.18	0.1977
2 rs1465618	20 rs6075379	18555102	0.70	0.0006311	1.13	0.3454

2 rs1465618	20 rs6045599	18701421	1.46	0.0002593	0.90	0.4169
2 rs1465618	20 rs16985285	41448057	1.68	0.000953	0.74	0.1735
2 rs1465618	21 rs2822860	15005873	1.43	0.0007292	0.99	0.9401
2 rs1465618	21 rs2824148	17228121	0.65	0.0002246	0.89	0.4653
2 rs1465618	21 rs928738	33498255	0.62	0.0008535	0.81	0.2161
2 rs1465618	21 rs2834150	33506383	0.67	0.0003207	0.91	0.4929
2 rs1465618	21 rs2298677	33655512	0.59	0.0002434	1.34	0.1179
2 rs1465618	21 rs2065316	40174226	0.65	0.00003969	1.20	0.184
2 rs1465618	21 rs2065317	40174501	1.60	0.00001053	0.77	0.0576
2 rs1465618	21 rs12626949	41315075	0.57	0.0005263	0.81	0.2664
2 rs1465618	22 rs9622771	37000238	1.62	0.0009232	0.92	0.6355
2 rs1465618	22 rs8136307	42266352	2.15	0.00002039	0.99	0.9485
2 rs1465618	22 rs12172263	47158426	0.60	0.0006734	1.23	0.3079
2 rs721048	1 rs4276857	3567503	1.52	0.000947	0.81	0.1723
2 rs721048	1 rs10799080	30288298	0.64	0.0003043	0.95	0.7305
2 rs721048	1 rs3134615	40031159	0.61	0.000142	1.36	0.09609
2 rs721048	1 rs7515512	62036472	1.65	0.0006511	1.10	0.5947
2 rs721048	1 rs357202	71690794	0.67	0.0007265	1.06	0.7148
2 rs721048	1 rs11162330	77554882	0.65	0.0004765	1.08	0.6703
2 rs721048	1 rs4839512	116281256	0.61	0.0008233	0.82	0.2833
2 rs721048	1 rs12144049	149253983	0.60	0.00007673	0.97	0.8871
2 rs721048	1 rs11375492	164879193	1.98	0.000744	1.16	0.5833
2 rs721048	1 rs609629	165439764	0.65	0.0001524	1.13	0.4344
2 rs721048	1 rs3917843	166291915	0.37	0.0002961	0.80	0.4092
2 rs721048	1 rs12140256	175920985	1.96	0.0005541	0.77	0.2829
2 rs721048	1 rs12116735	188674328	1.77	0.0006638	1.34	0.1606
2 rs721048	1 rs1963605	193553825	0.64	0.0005869	1.06	0.7165
2 rs721048	1 rs7535801	197163300	1.50	0.0004712	0.64	0.002984
2 rs721048	1 rs9435508	230590491	0.60	0.000779	0.90	0.6358
2 rs721048	1 rs12407135	233089449	4.27	0.0007858	2.76	0.07063
2 rs721048	1 rs12743249	235259467	1.81	0.0006955	1.19	0.442
2 rs721048	1 rs10925811	235564648	1.77	0.0000476	0.98	0.9228
2 rs721048	1 rs12136103	235966309	0.61	0.0002496	1.02	0.8998
2 rs721048	1 rs2994982	237971193	1.52	0.0008956	0.98	0.9057
2 rs721048	1 rs12135329	238673628	0.66	0.0006488	0.77	0.09301
2 rs721048	2 rs1154756	5177141	1.51	0.0009681	0.78	0.1171
2 rs721048	2 rs3866196	18200140	0.68	0.0006083	0.88	0.3932
2 rs721048	2 rs207413	31450931	0.55	0.00003126	0.90	0.6615
2 rs721048	2 rs11691767	36722124	1.59	0.0002486	1.15	0.4158
2 rs721048	2 rs2432671	38322546	0.69	0.0009119	0.97	0.8111
2 rs721048	2 rs706549	55814046	0.45	0.0006422	1.15	0.6693
2 rs721048	2 rs1008631	64962201	0.52	0.0004175	0.93	0.8015
2 rs721048	2 rs11540640	74295285	0.55	0.0004219	1.01	0.9644
2 rs721048	2 rs10177833	74369373	0.65	0.0001069	1.10	0.5315
2 rs721048	2 rs12613168	77395002	0.44	0.0005977	1.07	0.8506
2 rs721048	2 rs1469763	79473303	1.58	0.0004072	0.88	0.4084
2 rs721048	2 rs1432170	81963770	0.64	0.0007539	0.85	0.3243
2 rs721048	2 rs4292089	86050838	0.45	0.0008043	2.13	0.09856
2 rs721048	2 rs12620810	86303139	0.36	0.0004611	1.27	0.6362
2 rs721048	2 rs4851735	105244595	0.66	0.0009184	0.89	0.5049
2 rs721048	2 rs6542746	108064354	1.48	0.0003846	0.89	0.4038
2 rs721048	2 rs6727153	132060795	0.28	0.0003716	0.54	0.1484

2 rs721048	2 rs4954144	134999545	0.43	0.0003744	0.88	0.7374
2 rs721048	2 rs6752912	145306665	0.50	0.0008532	1.21	0.4908
2 rs721048	2 rs6432838	166337290	0.61	0.0009371	1.13	0.5461
2 rs721048	2 rs4668018	168791754	0.59	0.0002508	0.75	0.1557
2 rs721048	2 rs1362487	171466449	1.53	0.0001742	1.16	0.3451
2 rs721048	2 rs7561581	171521979	0.65	0.0006621	1.09	0.5927
2 rs721048	2 rs989071	180813780	1.71	0.0005262	0.95	0.7926
2 rs721048	2 rs12693225	180824840	1.68	0.0006824	0.94	0.7433
2 rs721048	2 rs16823795	186075137	1.77	0.0007878	0.79	0.2871
2 rs721048	2 rs7560213	225130130	0.63	0.0009115	1.01	0.9594
2 rs721048	2 rs4973034	232856562	0.57	0.000287	1.22	0.3683
2 rs721048	3 rs17037210	3823702	2.30	0.0004955	1.31	0.4459
2 rs721048	3 rs3856882	4903146	0.61	0.0003957	0.80	0.2315
2 rs721048	3 rs7640521	25052678	1.69	0.0004337	1.41	0.08712
2 rs721048	3 rs906483	36831477	1.57	0.0005372	0.89	0.5023
2 rs721048	3 rs9851798	44552617	0.62	0.0003018	0.79	0.1836
2 rs721048	3 rs10510745	45087836	0.46	0.0001066	0.97	0.9099
2 rs721048	3 rs953587	73365256	0.43	0.0003661	1.14	0.7163
2 rs721048	3 rs6775807	113995509	2.46	0.0009187	1.29	0.4393
2 rs721048	3 rs9825470	115511323	1.47	0.0007116	0.91	0.5549
2 rs721048	3 rs4681100	146784406	0.60	0.0005682	0.78	0.1904
2 rs721048	3 rs1812958	179610526	0.62	0.0008342	0.80	0.2494
2 rs721048	3 rs16829530	179643405	0.30	0.0002656	1.30	0.4708
2 rs721048	3 rs6790862	179680370	1.71	0.00001803	0.97	0.8519
2 rs721048	3 rs17590053	179721372	0.36	0.0005096	2.29	0.0998
2 rs721048	3 rs1380476	189116545	1.50	0.0006177	0.94	0.6613
2 rs721048	4 rs6828244	23933702	1.54	0.0003243	1.15	0.3538
2 rs721048	4 rs6448417	25618729	1.90	0.0001149	0.64	0.04308
2 rs721048	4 rs6823589	31088627	1.67	0.0004426	0.80	0.2242
2 rs721048	4 rs7691372	43648568	2.54	0.0009532	1.14	0.7184
2 rs721048	4 rs6835485	78137274	1.64	0.0006913	1.10	0.5928
2 rs721048	4 rs7683005	78245746	1.53	0.000223	0.95	0.7339
2 rs721048	4 rs10016594	78258628	0.68	0.0007904	1.29	0.09876
2 rs721048	4 rs4478191	102441933	2.41	0.0003857	1.13	0.6994
2 rs721048	4 rs12500929	124980896	1.58	0.0004291	1.24	0.2177
2 rs721048	4 rs1565480	157764480	1.57	0.0007061	0.83	0.2799
2 rs721048	4 rs6815665	160034042	0.66	0.0004818	1.00	0.9958
2 rs721048	5 rs12188188	11021872	0.61	0.0009859	1.02	0.9154
2 rs721048	5 rs32571	14227106	1.48	0.0004048	1.23	0.1696
2 rs721048	5 rs12652543	14230235	1.67	0.0007443	1.05	0.814
2 rs721048	5 rs7708423	15068217	1.69	0.0003829	1.11	0.5909
2 rs721048	5 rs7713385	35265967	2.05	0.0005409	1.24	0.4168
2 rs721048	5 rs10491376	36738199	0.54	0.0001034	1.57	0.04159
2 rs721048	5 rs11950223	62938991	1.44	0.0009174	0.97	0.8354
2 rs721048	5 rs409773	73693516	0.57	0.000031	0.75	0.09207
2 rs721048	5 rs13182804	90507349	2.00	0.0003596	1.09	0.7232
2 rs721048	5 rs9314203	96725168	0.62	0.00006014	0.81	0.1527
2 rs721048	5 rs2559991	106783922	1.58	0.00008426	0.75	0.04775
2 rs721048	5 rs592479	106805790	0.66	0.0002094	1.06	0.68
2 rs721048	5 rs17424128	119817514	1.64	0.0007867	1.06	0.7435
2 rs721048	5 rs10058697	120188207	0.18	0.0003355	0.47	0.0971
2 rs721048	5 rs17147158	120337190	2.44	0.0004857	0.99	0.9725

2 rs721048	5 rs6595557	124249481	1.49	0.0003989	1.10	0.529
2 rs721048	5 rs10068163	136875309	0.27	0.00005097	1.11	0.8373
2 rs721048	5 rs4912665	143613487	0.64	0.000352	1.13	0.4618
2 rs721048	5 rs4704762	157292609	0.59	0.0008245	0.83	0.4435
2 rs721048	6 rs9379179	824853	1.52	0.000753	0.91	0.4945
2 rs721048	6 rs17298641	23959884	0.67	0.0007143	0.71	0.02736
2 rs721048	6 rs13192159	25692147	1.67	0.0008058	1.09	0.6399
2 rs721048	6 rs2844555	31449358	0.61	0.00002696	1.15	0.3589
2 rs721048	6 rs16894463	41395460	0.47	0.0005967	0.61	0.0745
2 rs721048	6 rs1374544	55866664	1.49	0.0006708	1.23	0.1598
2 rs721048	6 rs11754728	64628022	0.50	0.0008358	0.68	0.1053
2 rs721048	6 rs1571841	65869529	1.52	0.000869	0.97	0.8193
2 rs721048	6 rs1041522	65886111	0.69	0.0006071	0.97	0.8519
2 rs721048	6 rs9487277	97386688	3.45	0.0004768	2.46	0.02396
2 rs721048	6 rs4131173	100636814	0.44	0.0005009	2.07	0.02911
2 rs721048	6 rs4543395	132989071	0.67	0.0002887	0.97	0.8286
2 rs721048	6 rs6928748	137313356	0.52	0.0004842	2.67	0.007034
2 rs721048	6 rs999638	138112980	0.66	0.0002384	1.00	0.9812
2 rs721048	6 rs4896703	144539270	1.45	0.0008148	1.05	0.7382
2 rs721048	6 rs4709953	165963765	2.25	0.0006917	0.86	0.6244
2 rs721048	7 rs6955290	924307	0.62	0.0003316	0.87	0.4096
2 rs721048	7 rs17401797	7918973	1.60	0.00006067	1.02	0.8761
2 rs721048	7 rs6979324	11735360	1.53	0.0001514	0.86	0.3355
2 rs721048	7 rs2709722	20641048	0.67	0.0008572	1.16	0.3302
2 rs721048	7 rs17298651	22290561	0.58	0.0005674	0.76	0.1827
2 rs721048	7 rs2188880	24568997	0.29	0.0004296	0.80	0.6319
2 rs721048	7 rs9690709	35669536	1.53	0.0004182	0.99	0.9621
2 rs721048	7 rs196588	36096549	1.95	0.0005671	0.89	0.6167
2 rs721048	7 rs7457662	48987947	2.38	0.0007272	0.94	0.8673
2 rs721048	7 rs10081189	49217216	0.68	0.0006229	1.09	0.5765
2 rs721048	7 rs1406758	52782174	0.68	0.0006925	1.10	0.5237
2 rs721048	7 rs12538410	66840718	1.47	0.0009219	0.92	0.6171
2 rs721048	7 rs11973176	131839714	1.84	0.00004709	0.82	0.3167
2 rs721048	7 rs1979573	135346788	1.87	0.0007536	0.86	0.5267
2 rs721048	8 rs2515479	6376528	0.65	0.0003764	0.94	0.7066
2 rs721048	8 rs10503886	31380038	0.59	0.0007219	0.94	0.764
2 rs721048	8 rs10086310	61933684	1.48	0.0006972	1.35	0.068
2 rs721048	8 rs1879489	63406896	2.98	0.0006611	0.85	0.6774
2 rs721048	8 rs6986385	69772748	2.53	0.0005985	0.64	0.1898
2 rs721048	8 rs4737380	74489564	1.51	0.0005958	0.98	0.8947
2 rs721048	8 rs6473372	83710150	0.53	0.0004731	1.15	0.5569
2 rs721048	8 rs7819717	83751163	0.57	0.0002307	1.22	0.297
2 rs721048	8 rs7845077	102329603	0.67	0.000668	1.00	0.9839
2 rs721048	8 rs7005211	123607328	1.54	0.0001363	0.83	0.1996
2 rs721048	8 rs4314620	128699771	1.69	0.0005724	0.97	0.8631
2 rs721048	8 rs7820834	130319625	1.50	0.0006602	1.29	0.1096
2 rs721048	9 rs11791741	4114953	1.51	0.0001456	0.71	0.02609
2 rs721048	9 rs7865812	4160979	1.51	0.0001977	0.96	0.7589
2 rs721048	9 rs10511481	7505786	0.68	0.0009726	0.97	0.8223
2 rs721048	9 rs10963465	18121076	1.51	0.0001926	1.16	0.3197
2 rs721048	9 rs928128	19331045	1.63	0.0004613	0.94	0.7572
2 rs721048	9 rs1017783	22910664	0.65	0.0001214	0.91	0.5196

2 rs721048	9 rs10966189	24047376	0.57	0.0009152	0.93	0.7431
2 rs721048	9 rs17835670	27403212	2.06	0.0007432	1.38	0.1689
2 rs721048	9 rs4549848	71334362	0.61	0.0005574	0.97	0.8933
2 rs721048	9 rs7048723	109033564	0.44	0.0007715	1.38	0.3905
2 rs721048	10 rs10794793	1892639	0.66	0.0004458	0.79	0.1139
2 rs721048	10 rs1899475	6892432	0.59	0.0008932	0.94	0.7776
2 rs721048	10 rs10795476	17446208	1.70	0.0006554	1.20	0.3597
2 rs721048	10 rs16928895	28774661	1.70	0.0007421	0.78	0.1779
2 rs721048	10 rs7919766	44317317	0.60	0.0003242	1.01	0.9568
2 rs721048	10 rs915085	44323185	0.50	0.0009698	1.04	0.8932
2 rs721048	10 rs10823151	69610540	1.59	0.0002308	1.05	0.7855
2 rs721048	10 rs10887710	82019765	1.63	0.0006276	1.27	0.2895
2 rs721048	10 rs10749592	82140871	0.67	0.0002737	0.86	0.3141
2 rs721048	10 rs10887903	82200621	0.66	0.0002173	0.80	0.1256
2 rs721048	10 rs10748526	82263059	0.62	0.0007632	0.59	0.002839
2 rs721048	10 rs1614065	95087527	1.55	0.0004736	1.02	0.89
2 rs721048	10 rs7908417	99268810	1.88	0.0003987	1.00	0.986
2 rs721048	10 rs1676804	109240666	1.59	0.0008321	0.78	0.1844
2 rs721048	10 rs1992409	109274777	1.53	0.0002162	0.85	0.2789
2 rs721048	10 rs7082793	109337760	0.65	0.0001258	1.22	0.1761
2 rs721048	10 rs1408817	114488135	0.65	0.0001811	0.83	0.203
2 rs721048	10 rs11196083	114489994	1.57	0.0007688	0.98	0.9154
2 rs721048	10 rs17098212	120687545	1.68	0.0006885	0.99	0.9699
2 rs721048	10 rs9285980	126904492	0.50	0.000175	1.01	0.971
2 rs721048	11 rs3829999	237102	0.61	0.0008559	0.90	0.5963
2 rs721048	11 rs4757627	18187865	0.68	0.000319	1.04	0.7729
2 rs721048	11 rs1267468	34300059	1.60	0.0008387	1.13	0.4907
2 rs721048	11 rs11263621	69390571	0.56	0.0004232	0.88	0.5477
2 rs721048	11 rs674693	100191329	0.66	0.0009645	0.81	0.2115
2 rs721048	11 rs1940060	102016044	2.04	0.0005164	0.98	0.9318
2 rs721048	11 rs12223381	107859312	0.68	0.0005031	0.95	0.7429
2 rs721048	11 rs317518	110395573	1.47	0.0007727	0.95	0.7388
2 rs721048	11 rs3819100	113672686	0.65	0.0007198	1.17	0.3204
2 rs721048	11 rs4938390	116863523	0.48	0.0001865	0.65	0.07433
2 rs721048	11 rs12420530	119412815	0.67	0.0009469	1.21	0.2176
2 rs721048	11 rs11218981	122476668	1.74	0.0009655	0.92	0.735
2 rs721048	11 rs7929735	133370148	0.65	0.0005955	0.89	0.4654
2 rs721048	12 rs12828473	13996995	1.48	0.0007534	1.20	0.2208
2 rs721048	12 rs7960528	41877412	0.49	0.0006475	1.48	0.1805
2 rs721048	12 rs10747826	57901735	0.59	0.0006583	0.97	0.8815
2 rs721048	12 rs2062867	59093972	2.28	0.0006297	1.26	0.4459
2 rs721048	12 rs11615099	68477157	1.54	0.0003441	0.99	0.944
2 rs721048	12 rs7975671	81940581	0.68	0.0005791	0.79	0.1106
2 rs721048	12 rs11613769	83514479	1.48	0.0008173	0.86	0.3529
2 rs721048	12 rs970808	89661534	0.67	0.0003839	0.92	0.6086
2 rs721048	12 rs17194366	91648649	2.46	0.0005911	0.43	0.02642
2 rs721048	12 rs11112560	104393585	1.72	0.0008353	1.03	0.8965
2 rs721048	13 rs6490522	19625210	0.58	0.0001559	1.15	0.4411
2 rs721048	13 rs9541141	66993176	1.52	0.0004397	0.98	0.8961
2 rs721048	13 rs2786263	67215755	0.44	0.0001426	1.33	0.3111
2 rs721048	13 rs4142335	69969424	0.58	0.00009597	0.68	0.02389
2 rs721048	13 rs9564747	70288512	0.67	0.0002578	1.08	0.6193

2 rs721048	13 rs9318318	74602834	0.68	0.0006284	0.93	0.6036
2 rs721048	14 rs12878437	21437741	0.68	0.0006388	1.34	0.05609
2 rs721048	14 rs17109084	70689692	2.03	0.0008381	1.18	0.4438
2 rs721048	14 rs8017215	76958793	0.66	0.0007514	1.22	0.2384
2 rs721048	14 rs10145425	88106647	1.68	0.00008204	1.04	0.8054
2 rs721048	14 rs17097327	98104382	1.66	0.0004538	0.78	0.1941
2 rs721048	15 rs4777329	69142112	0.54	0.0006863	0.95	0.8331
2 rs721048	15 rs7497036	72660732	2.37	0.0001323	1.13	0.648
2 rs721048	15 rs3825943	72678520	3.05	0.0005479	1.26	0.5033
2 rs721048	15 rs11635769	89946082	0.50	0.0008844	1.18	0.5525
2 rs721048	15 rs953888	90316364	1.55	0.0004076	0.90	0.5261
2 rs721048	16 rs8052297	12410726	0.69	0.0007543	0.84	0.2448
2 rs721048	16 rs12445189	48172888	1.55	0.0006493	0.99	0.9724
2 rs721048	16 rs2241773	56638411	0.62	0.0005896	1.08	0.6476
2 rs721048	16 rs7203990	80742821	0.63	0.0006354	1.22	0.2675
2 rs721048	16 rs2665322	84918772	1.47	0.000859	0.85	0.2784
2 rs721048	17 rs3826529	9814870	1.59	0.00003295	0.96	0.8142
2 rs721048	17 rs9910357	9849975	1.91	0.0003431	1.14	0.5908
2 rs721048	17 rs8067942	10044830	2.53	0.0008343	1.73	0.1287
2 rs721048	17 rs16943229	10135386	2.06	0.0004007	0.90	0.623
2 rs721048	17 rs16944856	11335292	2.13	0.0004221	1.17	0.5986
2 rs721048	17 rs2469842	18800424	2.18	0.0004625	1.52	0.1006
2 rs721048	17 rs8080323	29618655	0.43	0.0002498	0.77	0.3054
2 rs721048	17 rs6501851	64413125	1.49	0.0005772	0.85	0.2914
2 rs721048	18 rs11872553	17574821	1.92	0.0006637	1.51	0.1154
2 rs721048	18 rs17760597	53973962	0.36	0.0007424	0.63	0.2443
2 rs721048	18 rs1943796	69177259	1.52	0.0004883	0.73	0.02491
2 rs721048	18 rs9965638	73300317	0.48	0.0005134	1.10	0.727
2 rs721048	18 rs12458593	73963457	1.81	0.0007685	1.36	0.2361
2 rs721048	19 rs17272617	53049172	0.60	0.0006266	0.80	0.2446
2 rs721048	19 rs2005199	56725018	3.00	0.00006259	0.96	0.8882
2 rs721048	20 rs4815754	4834490	1.81	0.0001664	0.89	0.5697
2 rs721048	20 rs16991803	10486389	3.29	0.00009725	1.11	0.7737
2 rs721048	20 rs6045029	17762026	2.02	0.0007361	0.66	0.06755
2 rs721048	20 rs6063438	47874575	1.60	0.0007195	0.87	0.4337
2 rs721048	20 rs16997396	51041890	0.37	0.0005078	1.88	0.1008
2 rs721048	21 rs10488909	21906934	1.66	0.0006307	1.64	0.009864
2 rs721048	21 rs1735998	21979635	2.11	0.0005752	1.49	0.1549
2 rs721048	21 rs239598	27654225	1.67	0.0002949	1.18	0.3063
2 rs721048	21 rs1893580	27661061	1.56	0.0001995	1.19	0.2488
2 rs721048	21 rs766928	29675477	1.54	0.0001406	0.87	0.3291
3 rs10934853	1 rs818678	20111636	0.72	0.0005733	0.90	0.3522
3 rs10934853	1 rs3767225	20144949	1.39	0.0009137	1.22	0.08041
3 rs10934853	1 rs4660212	42165492	1.46	0.0004028	0.97	0.7916
3 rs10934853	1 rs11210950	44210380	1.41	0.0004972	0.85	0.1356
3 rs10934853	1 rs6698886	57178791	0.37	0.0002233	0.97	0.9154
3 rs10934853	1 rs11208943	66854696	0.63	0.0003763	1.11	0.529
3 rs10934853	1 rs11162882	80163722	0.66	0.000637	0.92	0.5782
3 rs10934853	1 rs1338633	161238644	0.67	0.0003149	0.89	0.3806
3 rs10934853	1 rs11576331	181057585	0.50	0.0008262	0.88	0.5112
3 rs10934853	1 rs493474	196092634	0.70	0.0003629	0.89	0.3148
3 rs10934853	1 rs9662614	196671850	1.96	0.0002808	0.77	0.1287

3 rs10934853	2 rs4555377	1054885	0.62	0.00004308	1.28	0.08284
3 rs10934853	2 rs11681314	23791120	1.40	0.0006945	0.98	0.8258
3 rs10934853	2 rs7589318	25290023	1.50	0.0001845	0.97	0.7898
3 rs10934853	2 rs2384317	26111376	1.78	0.00041	0.88	0.4814
3 rs10934853	2 rs12467911	31694442	1.41	0.0009834	1.04	0.7635
3 rs10934853	2 rs2280968	32201691	1.44	0.0005116	0.96	0.76
3 rs10934853	2 rs1045910	55682812	0.47	0.0002464	0.96	0.8622
3 rs10934853	2 rs1192396	84936012	1.59	0.0007816	1.42	0.02904
3 rs10934853	2 rs17030324	104861769	1.61	0.0009596	0.95	0.7663
3 rs10934853	2 rs6542108	113471421	1.37	0.0009804	1.01	0.9559
3 rs10934853	2 rs16842473	140111084	2.21	0.0003704	1.06	0.8046
3 rs10934853	2 rs1471887	140836154	0.36	0.00004201	1.59	0.155
3 rs10934853	2 rs7573397	151727350	1.37	0.0009459	1.08	0.4809
3 rs10934853	2 rs1485099	151785960	1.43	0.0001764	0.90	0.3422
3 rs10934853	2 rs2358087	173881748	1.51	0.0007919	1.08	0.5698
3 rs10934853	2 rs1356063	180296851	1.44	0.0003795	1.02	0.8606
3 rs10934853	2 rs12473579	203030073	0.69	0.0001718	1.18	0.1555
3 rs10934853	2 rs6740660	224769190	0.63	0.0005118	1.11	0.5554
3 rs10934853	2 rs10933612	241186022	1.51	0.00006279	0.96	0.7096
3 rs10934853	3 rs3902672	1222859	0.70	0.0003067	0.84	0.09719
3 rs10934853	3 rs6780177	21622822	0.57	0.0001912	0.84	0.2868
3 rs10934853	3 rs17029657	25578436	1.46	0.0005094	0.98	0.8611
3 rs10934853	3 rs4583644	53983791	0.34	0.00005608	1.06	0.8593
3 rs10934853	3 rs9869453	71980478	0.70	0.0009482	1.11	0.4215
3 rs10934853	3 rs11924062	78481916	0.42	0.0004217	0.68	0.2354
3 rs10934853	3 rs278376	99975821	1.47	0.0001922	0.79	0.03999
3 rs10934853	3 rs6438565	121353348	0.70	0.0002344	1.20	0.109
3 rs10934853	3 rs13091848	121468714	0.72	0.0006	1.28	0.03453
3 rs10934853	3 rs3755697	125882901	0.39	0.0009378	0.95	0.8227
3 rs10934853	3 rs1000716	126350729	0.59	0.0002872	0.99	0.9251
3 rs10934853	3 rs7647582	170235978	0.64	0.0004274	0.87	0.3072
3 rs10934853	3 rs6777561	178787900	0.71	0.0004295	1.16	0.2061
3 rs10934853	3 rs1561030	179034481	1.40	0.0006617	0.78	0.03179
3 rs10934853	3 rs6444116	187451388	0.35	0.0007108	0.98	0.9553
3 rs10934853	3 rs11927416	194063217	0.42	0.0001539	0.86	0.6864
3 rs10934853	4 rs4590083	41050789	0.70	0.0001322	0.82	0.06794
3 rs10934853	4 rs12642403	54202568	0.70	0.0004547	1.17	0.1783
3 rs10934853	4 rs1593348	65219405	2.17	0.0009367	1.06	0.8103
3 rs10934853	4 rs1490478	71445639	1.91	0.0008234	1.08	0.7056
3 rs10934853	4 rs9997322	75533210	1.52	0.0005708	1.13	0.3418
3 rs10934853	4 rs894246	77436681	1.66	0.0004367	0.67	0.01165
3 rs10934853	4 rs2725222	89315671	1.39	0.0005808	0.96	0.7306
3 rs10934853	4 rs4693283	93150344	1.74	0.0008468	0.89	0.4934
3 rs10934853	4 rs13105522	94384481	0.46	0.0005278	0.67	0.09548
3 rs10934853	4 rs17517075	120574310	0.60	0.0002061	1.07	0.6426
3 rs10934853	4 rs13103043	121022974	1.52	0.00003559	0.92	0.4625
3 rs10934853	4 rs934546	147521236	0.71	0.0007321	1.05	0.6765
3 rs10934853	4 rs6858581	149617666	2.76	0.0003931	0.58	0.0925
3 rs10934853	4 rs17028759	153525554	1.53	0.0008577	0.87	0.3214
3 rs10934853	4 rs12650851	177032493	0.67	0.0003409	1.09	0.475
3 rs10934853	4 rs12651249	180651215	1.42	0.0008001	1.16	0.2172
3 rs10934853	4 rs6825114	187011713	0.58	0.0002724	0.86	0.4142

3 rs10934853	4 rs4241821	187551983	0.65	0.0002935	0.99	0.9419
3 rs10934853	5 rs13165994	31167644	0.72	0.0007798	0.92	0.4713
3 rs10934853	5 rs35947	53636200	1.40	0.0009794	0.88	0.2832
3 rs10934853	5 rs3096147	53670668	1.57	0.0001902	0.87	0.2881
3 rs10934853	5 rs2365873	63000554	1.41	0.0007484	0.90	0.3914
3 rs10934853	5 rs6892063	67029392	0.64	0.0009037	1.17	0.3083
3 rs10934853	5 rs6453065	73832280	1.50	0.0008009	1.12	0.4591
3 rs10934853	5 rs11954110	75669623	2.85	0.0007758	1.07	0.7806
3 rs10934853	5 rs160280	82898675	1.51	0.0003038	0.99	0.9616
3 rs10934853	5 rs722821	103036321	1.42	0.0007326	0.90	0.3788
3 rs10934853	5 rs32974	115859772	1.58	0.0008032	0.94	0.6918
3 rs10934853	5 rs7701234	115873150	0.61	0.0009303	0.99	0.9628
3 rs10934853	5 rs743563	131597305	0.67	0.0006544	0.96	0.7488
3 rs10934853	5 rs713584	136444856	0.66	0.00003082	1.03	0.791
3 rs10934853	5 rs17553409	155634244	0.72	0.0009101	0.87	0.2336
3 rs10934853	5 rs17056839	158974390	0.65	0.0008879	1.08	0.6362
3 rs10934853	5 rs931428	160424959	0.47	0.0006443	0.86	0.68
3 rs10934853	5 rs4242157	169931786	1.47	0.00006362	0.91	0.4138
3 rs10934853	6 rs797126	5307053	1.39	0.0009653	0.98	0.8932
3 rs10934853	6 rs7762096	9442293	0.66	0.0007015	0.90	0.5095
3 rs10934853	6 rs2500081	14880876	0.55	0.0001297	0.96	0.8125
3 rs10934853	6 rs1233397	29653694	0.65	0.0002123	1.07	0.6114
3 rs10934853	6 rs16890509	38323179	2.67	2.96E-06	1.09	0.6788
3 rs10934853	6 rs2477842	41597419	0.68	0.0008228	0.98	0.901
3 rs10934853	6 rs2651204	43367065	0.49	0.0000362	1.07	0.7326
3 rs10934853	6 rs9357529	47425391	2.29	0.0004236	1.31	0.3063
3 rs10934853	6 rs9381917	51019293	0.51	0.00001108	1.02	0.9324
3 rs10934853	6 rs6927969	51289995	1.90	0.0002906	1.13	0.5536
3 rs10934853	6 rs2709671	51312363	1.41	0.0004078	1.10	0.4098
3 rs10934853	6 rs7756268	51660261	1.85	0.0005177	1.08	0.7308
3 rs10934853	6 rs16882730	52533352	1.81	0.0002223	0.88	0.5231
3 rs10934853	6 rs876854	63139632	0.64	0.0007608	0.88	0.4281
3 rs10934853	6 rs2459572	64051334	0.68	0.00009747	1.08	0.5384
3 rs10934853	6 rs7762059	64579027	0.72	0.0007988	1.04	0.7583
3 rs10934853	6 rs422751	89964592	1.56	0.0008955	1.23	0.2029
3 rs10934853	6 rs464401	111775700	0.72	0.0008557	0.98	0.8821
3 rs10934853	6 rs7752418	111894578	0.67	0.0005282	1.20	0.1734
3 rs10934853	6 rs9488430	115035854	1.82	0.000885	1.03	0.8988
3 rs10934853	6 rs2204089	115044039	1.50	0.0005353	1.04	0.7924
3 rs10934853	6 rs9481742	118311124	1.38	0.0007564	0.89	0.2911
3 rs10934853	6 rs1510292	124413613	0.50	0.0004735	1.00	0.9884
3 rs10934853	6 rs881113	125216740	0.44	0.0005384	0.99	0.9631
3 rs10934853	6 rs1855559	143398474	1.94	0.00007375	1.46	0.03875
3 rs10934853	6 rs231959	155848087	1.56	0.00001767	1.02	0.8918
3 rs10934853	6 rs9346539	168549693	1.41	0.0007906	1.01	0.934
3 rs10934853	7 rs2043223	6903139	1.38	0.0009884	0.97	0.7559
3 rs10934853	7 rs10486106	10730862	0.67	0.00003737	0.86	0.1819
3 rs10934853	7 rs10236596	13773661	2.39	0.000883	0.96	0.8553
3 rs10934853	7 rs11978895	14258216	0.55	0.0005701	0.98	0.9356
3 rs10934853	7 rs6461240	16148663	0.44	0.0003409	0.78	0.2905
3 rs10934853	7 rs1525796	38948967	0.64	0.0001066	0.96	0.7395
3 rs10934853	7 rs12718496	51293613	0.72	0.0006454	0.88	0.2445

3 rs10934853	7 rs13228582	123773913	0.61	0.0007189	1.00	0.9839
3 rs10934853	7 rs4731480	127784226	1.46	0.00008164	0.98	0.8851
3 rs10934853	7 rs4731484	127831966	1.44	0.00083	1.01	0.9427
3 rs10934853	7 rs9768325	127868189	0.67	0.00007186	1.04	0.7617
3 rs10934853	7 rs2129557	130362331	0.52	0.0002884	0.71	0.07268
3 rs10934853	7 rs6467735	137243570	1.89	0.00005608	0.90	0.5253
3 rs10934853	7 rs1357705	146109796	1.45	0.0001201	1.14	0.2569
3 rs10934853	7 rs17170584	146674405	1.56	0.0003934	0.89	0.4066
3 rs10934853	7 rs2907684	157038893	1.94	0.0007953	1.24	0.2842
3 rs10934853	8 rs7003969	1804774	0.65	0.0001624	1.08	0.5332
3 rs10934853	8 rs10503224	3800718	1.86	0.00008607	1.23	0.2706
3 rs10934853	8 rs421921	8806479	0.72	0.0006612	0.96	0.7267
3 rs10934853	8 rs9987109	18295202	0.73	0.0007514	0.93	0.5396
3 rs10934853	8 rs981629	20536511	1.38	0.0007241	1.10	0.4108
3 rs10934853	8 rs11783765	30556550	1.59	0.00008936	0.89	0.391
3 rs10934853	8 rs13262377	30849760	0.53	0.0003716	1.15	0.472
3 rs10934853	8 rs10086086	40184614	0.63	0.0006425	1.05	0.7658
3 rs10934853	8 rs11784831	40211230	0.68	0.00009312	1.10	0.4102
3 rs10934853	8 rs17312039	53279966	0.56	0.00006836	1.05	0.7732
3 rs10934853	8 rs16939544	78794227	0.58	0.0001222	1.00	0.9897
3 rs10934853	8 rs12674712	94906986	1.41	0.0003629	0.95	0.6321
3 rs10934853	8 rs4282532	94961653	0.73	0.0009965	1.05	0.6878
3 rs10934853	8 rs6991067	95944852	1.49	0.00004564	1.00	0.9749
3 rs10934853	8 rs2304348	103914702	0.61	0.0008628	0.89	0.5102
3 rs10934853	8 rs2881824	108937601	1.43	0.0009096	1.27	0.05526
3 rs10934853	8 rs10089872	115820559	1.55	0.0006787	1.06	0.7145
3 rs10934853	8 rs4295697	138150472	0.58	0.0001171	1.03	0.8666
3 rs10934853	8 rs11780634	138190860	0.66	0.0002678	0.98	0.8695
3 rs10934853	9 rs573933	14467851	0.58	0.0006691	0.84	0.3425
3 rs10934853	9 rs10756789	16710122	0.68	0.0001299	1.04	0.7373
3 rs10934853	9 rs13283489	28856775	0.55	0.000782	1.12	0.5504
3 rs10934853	9 rs1482069	29586265	1.38	0.0009786	0.91	0.375
3 rs10934853	9 rs10867422	79615802	0.69	0.0002308	0.89	0.3555
3 rs10934853	9 rs12345930	81948094	0.52	0.0001909	0.81	0.3184
3 rs10934853	9 rs10780664	84189614	1.50	0.0004957	1.13	0.415
3 rs10934853	9 rs7848364	89505670	0.48	0.0007607	2.22	0.02912
3 rs10934853	9 rs1148847	90583572	0.72	0.0009728	1.07	0.5267
3 rs10934853	9 rs12002540	107924770	1.89	0.0004368	1.41	0.1792
3 rs10934853	9 rs725340	114329428	0.50	0.0004769	0.98	0.9346
3 rs10934853	10 rs2397658	9657974	0.72	0.0007779	0.84	0.1066
3 rs10934853	10 rs1898987	13137629	0.69	0.0008154	0.95	0.6914
3 rs10934853	10 rs2296599	13792387	0.67	0.0004811	0.93	0.5545
3 rs10934853	10 rs2472160	38383266	0.64	0.0007116	1.07	0.6339
3 rs10934853	10 rs11002509	79769996	0.58	0.000418	1.26	0.301
3 rs10934853	10 rs4277054	82972161	1.46	0.0003509	0.84	0.1483
3 rs10934853	10 rs10882848	82976470	1.55	0.00077	0.90	0.438
3 rs10934853	10 rs4918926	97146771	1.85	0.0003134	0.95	0.7586
3 rs10934853	10 rs10510042	119953559	0.67	0.0003159	1.10	0.4783
3 rs10934853	10 rs3933315	121861122	0.54	0.0005357	0.86	0.4472
3 rs10934853	10 rs10830090	129163663	0.72	0.0007861	1.15	0.2388
3 rs10934853	11 rs1979687	11936250	0.70	0.0001591	0.99	0.9015
3 rs10934853	11 rs11024406	17777538	0.68	0.0006687	0.95	0.6902

3 rs10934853	11 rs2237929	17853990	2.14	0.0008161	1.08	0.7697
3 rs10934853	11 rs7128479	42838458	1.38	0.000801	1.09	0.4383
3 rs10934853	11 rs17581519	43004045	0.34	0.0007098	1.41	0.2406
3 rs10934853	11 rs7935394	68186263	0.68	0.0003742	1.22	0.1438
3 rs10934853	11 rs4930597	68232587	0.62	0.00001316	1.28	0.0775
3 rs10934853	11 rs512500	75052827	0.64	0.0002958	1.12	0.4074
3 rs10934853	11 rs10790056	96144851	0.70	0.0004474	1.31	0.02094
3 rs10934853	11 rs10219302	97726933	0.47	0.00013	0.96	0.8932
3 rs10934853	12 rs6489619	5304394	1.49	0.0007988	1.49	0.002659
3 rs10934853	12 rs2417747	10605858	1.39	0.000684	1.09	0.4376
3 rs10934853	12 rs11045409	20767961	0.69	0.0002461	1.09	0.4446
3 rs10934853	12 rs16929303	25778395	0.44	0.0003033	1.46	0.1097
3 rs10934853	12 rs2703371	30342350	1.58	0.0007173	1.02	0.8976
3 rs10934853	12 rs17547610	55816608	0.63	0.0007612	1.19	0.2955
3 rs10934853	12 rs4074308	55866681	1.47	0.0002164	0.98	0.8252
3 rs10934853	12 rs7131761	59144709	1.38	0.0006654	1.02	0.8686
3 rs10934853	12 rs12315409	65541209	0.63	0.0009656	0.95	0.7661
3 rs10934853	12 rs11178364	69369959	0.59	0.0002618	0.77	0.1416
3 rs10934853	12 rs7964487	88033228	0.43	0.0004437	1.04	0.8768
3 rs10934853	12 rs7313740	89789443	0.69	0.0005846	0.92	0.4763
3 rs10934853	12 rs791233	91343799	1.44	0.000513	1.02	0.8773
3 rs10934853	12 rs3759366	95207447	0.65	0.0003025	0.93	0.5786
3 rs10934853	12 rs12824368	95275945	0.48	0.0001647	1.32	0.1368
3 rs10934853	12 rs1345364	96699289	1.41	0.0003477	0.97	0.7571
3 rs10934853	12 rs4964287	103212026	0.66	0.00008525	1.00	0.9934
3 rs10934853	12 rs11829064	114383999	2.43	0.0007281	1.63	0.1601
3 rs10934853	13 rs4770010	19840037	0.68	0.0009056	0.94	0.6855
3 rs10934853	13 rs17369571	21385625	1.59	0.0001493	1.06	0.698
3 rs10934853	13 rs17285358	22510082	1.55	0.0009984	0.91	0.5077
3 rs10934853	13 rs9553916	26343373	1.69	0.0006899	1.07	0.6655
3 rs10934853	13 rs4141775	29389998	2.21	0.0004	1.26	0.2719
3 rs10934853	13 rs523458	36336201	0.65	0.0006863	1.25	0.1341
3 rs10934853	13 rs3119852	60256371	0.70	0.0002371	1.05	0.6296
3 rs10934853	13 rs9598185	60370474	2.21	0.0007727	0.79	0.356
3 rs10934853	13 rs4886288	60385397	1.87	0.0001338	0.95	0.7472
3 rs10934853	13 rs2134898	62767058	0.61	3.07E-06	1.12	0.3347
3 rs10934853	13 rs6491928	104547217	2.52	0.0002045	1.37	0.3605
3 rs10934853	13 rs9514706	107042189	1.38	0.0007507	0.98	0.8627
3 rs10934853	14 rs1243631	20113123	1.88	0.0001286	1.09	0.6678
3 rs10934853	14 rs10138762	23833788	0.38	0.000985	2.19	0.0424
3 rs10934853	14 rs12891876	51269451	0.68	0.0007986	0.93	0.623
3 rs10934853	14 rs17256254	61061587	0.61	0.0007194	1.34	0.07951
3 rs10934853	14 rs217629	61449543	1.67	0.0006562	0.97	0.8834
3 rs10934853	14 rs10145976	77373768	1.44	0.0003806	1.01	0.9181
3 rs10934853	15 rs1994597	27081472	0.53	0.00002915	1.16	0.4065
3 rs10934853	15 rs12148594	27084151	0.42	0.00001628	1.37	0.1762
3 rs10934853	15 rs4924020	33849275	1.55	0.0001539	0.87	0.2714
3 rs10934853	15 rs1011061	53774790	0.66	0.00001759	1.15	0.1908
3 rs10934853	15 rs16976479	53775830	0.58	0.0005139	1.00	0.991
3 rs10934853	15 rs11858195	53785887	0.68	0.0002058	1.12	0.3271
3 rs10934853	15 rs12916638	90576960	0.60	0.0008893	1.06	0.7608
3 rs10934853	16 rs6497501	20473086	0.69	0.0009127	0.98	0.9083

3 rs10934853	16 rs2239335	22805296	2.97	0.0007374	0.87	0.5578
3 rs10934853	16 rs47666	27969482	1.58	0.0002398	0.83	0.1893
3 rs10934853	16 rs36028	54254659	0.59	0.0001435	0.90	0.5326
3 rs10934853	16 rs36024	54263892	0.71	0.0006659	1.02	0.8749
3 rs10934853	16 rs11645347	57255987	1.80	0.0001413	0.78	0.09694
3 rs10934853	16 rs16967543	63074989	1.63	0.0005704	1.00	0.9956
3 rs10934853	16 rs1423855	79383307	3.20	0.0002735	0.76	0.4557
3 rs10934853	16 rs10514584	81844784	1.82	0.0008485	0.78	0.2294
3 rs10934853	17 rs7215329	14671928	0.70	0.0003952	0.81	0.0808
3 rs10934853	17 rs11652535	14696035	0.70	0.0002472	1.01	0.9004
3 rs10934853	17 rs3816780	26185484	1.76	0.0004608	0.88	0.4383
3 rs10934853	17 rs4144279	28935750	2.15	0.0006111	1.81	0.01604
3 rs10934853	17 rs8076471	44615310	1.73	0.0008363	1.14	0.5022
3 rs10934853	17 rs1396215	50963766	1.45	0.0008212	0.91	0.4515
3 rs10934853	17 rs8064930	56765384	0.45	0.0009661	0.89	0.6531
3 rs10934853	17 rs4791159	61042287	0.71	0.0002787	1.24	0.05244
3 rs10934853	17 rs7211524	61862086	0.43	0.0000393	0.56	0.008886
3 rs10934853	18 rs9304191	34283363	0.71	0.000453	1.19	0.1294
3 rs10934853	18 rs4940315	49989709	0.68	0.0002693	0.96	0.7119
3 rs10934853	18 rs2535731	51867168	2.11	0.0001875	1.69	0.04004
3 rs10934853	18 rs4800960	52914826	1.49	0.00004247	1.10	0.4093
3 rs10934853	19 rs17771320	33318566	0.62	0.000622	1.53	0.004515
3 rs10934853	20 rs6016681	40158225	2.33	0.0004756	1.23	0.4259
3 rs10934853	20 rs6125184	46010121	0.72	0.0006413	1.06	0.575
3 rs10934853	20 rs6014648	54255152	0.65	0.00003944	1.22	0.1179
3 rs10934853	20 rs6069892	54820158	0.73	0.0009859	1.03	0.7789
3 rs10934853	22 rs468789	16960723	2.01	0.0004286	0.84	0.4516
3 rs10934853	22 rs5760832	23802577	1.55	0.0006322	0.86	0.3063
3 rs10934853	22 rs7288993	23807008	0.72	0.0008134	0.88	0.2663
3 rs10934853	22 rs1534917	23865396	0.67	0.0001546	0.94	0.6267
3 rs10934853	22 rs9624734	23873540	1.45	0.0006823	1.13	0.3257
3 rs10934853	22 rs136753	44256658	1.46	0.0001162	1.12	0.3112
3 rs2660753	1 rs1181888	3694948	0.51	0.0006713	2.09	0.03029
3 rs2660753	1 rs10916721	20282532	1.76	0.0003837	0.90	0.609
3 rs2660753	1 rs2481974	28201521	0.61	0.0004579	1.24	0.2794
3 rs2660753	1 rs10796886	36683904	1.61	0.0006791	0.92	0.6334
3 rs2660753	1 rs11210864	43660925	0.63	0.0008363	1.41	0.06803
3 rs2660753	1 rs995318	58541000	0.42	0.00004357	0.80	0.4094
3 rs2660753	1 rs338935	58565914	0.47	0.00002276	0.71	0.1317
3 rs2660753	1 rs6687251	60736743	2.57	0.0009023	1.51	0.271
3 rs2660753	1 rs11208933	66815251	0.45	0.0000511	1.10	0.7559
3 rs2660753	1 rs10889640	66839872	0.54	0.00003526	1.03	0.8796
3 rs2660753	1 rs10789215	66863206	1.65	0.0003303	0.80	0.2109
3 rs2660753	1 rs3738572	85103161	1.55	0.0009138	1.22	0.2499
3 rs2660753	1 rs12409006	112181913	2.44	0.0006014	0.59	0.1491
3 rs2660753	1 rs4143029	116760372	2.43	0.0001754	0.78	0.3605
3 rs2660753	1 rs16832604	147770803	0.43	0.000546	1.05	0.9019
3 rs2660753	1 rs10917648	159651437	2.09	0.0004602	1.34	0.3866
3 rs2660753	1 rs6677532	164294730	1.70	0.0004555	0.96	0.8516
3 rs2660753	1 rs4650964	174046320	1.64	0.000191	0.99	0.9679
3 rs2660753	1 rs2153279	196995354	0.59	0.000685	0.66	0.06431
3 rs2660753	1 rs3753971	197928988	0.63	0.0005933	0.77	0.1615

3 rs2660753	1 rs662852	198404271	1.89	0.0007199	0.79	0.3699
3 rs2660753	1 rs17022757	210937416	1.67	0.0009165	1.30	0.2028
3 rs2660753	1 rs11118016	214593090	1.65	0.0008508	1.14	0.5413
3 rs2660753	1 rs2884089	228860187	2.90	0.0006206	1.22	0.6658
3 rs2660753	1 rs2152556	236929355	0.64	0.0009122	0.98	0.9091
3 rs2660753	2 rs1454232	3392114	1.66	0.0005771	0.77	0.1944
3 rs2660753	2 rs11893189	14185288	1.91	0.0001516	1.14	0.5986
3 rs2660753	2 rs969855	15283475	0.59	0.0007173	1.15	0.5108
3 rs2660753	2 rs2113422	23850658	1.65	0.0001189	1.04	0.8172
3 rs2660753	2 rs4666212	29524865	1.56	0.0007892	0.97	0.8522
3 rs2660753	2 rs10495895	42374531	2.41	0.000901	2.07	0.04743
3 rs2660753	2 rs10460550	53699928	0.53	0.0002146	0.97	0.8959
3 rs2660753	2 rs17029550	65018020	2.36	0.0006829	1.14	0.6952
3 rs2660753	2 rs997548	96280788	0.55	0.0008888	1.28	0.3547
3 rs2660753	2 rs17427636	98351233	0.39	0.0005942	1.22	0.6185
3 rs2660753	2 rs2278723	101077839	0.63	0.0006091	1.19	0.3422
3 rs2660753	2 rs12615112	106909043	0.45	0.0008675	1.38	0.3254
3 rs2660753	2 rs11693134	106933273	0.55	0.0003551	1.21	0.4261
3 rs2660753	2 rs13400671	122877704	0.64	0.0008752	1.01	0.9624
3 rs2660753	2 rs12623983	125043273	0.56	0.0004578	0.78	0.2865
3 rs2660753	2 rs6747825	127088958	0.62	0.0009266	0.78	0.2249
3 rs2660753	2 rs11694347	127346839	2.44	0.0004378	1.36	0.3408
3 rs2660753	2 rs11899448	127365176	2.59	0.000328	1.34	0.4102
3 rs2660753	2 rs841302	129033335	2.15	0.0005878	0.74	0.2394
3 rs2660753	2 rs1370323	139711680	1.91	0.0002258	0.99	0.9785
3 rs2660753	2 rs493102	141195954	1.56	0.0009281	1.15	0.4671
3 rs2660753	2 rs6722597	177538398	1.63	0.0001929	0.85	0.3523
3 rs2660753	2 rs16836537	205412928	1.95	0.0005504	0.86	0.5559
3 rs2660753	2 rs6743162	211590568	0.58	0.0009881	0.99	0.9758
3 rs2660753	2 rs6431547	238275118	1.70	0.000314	0.73	0.1013
3 rs2660753	3 rs2668349	9177419	0.64	0.0005611	0.96	0.8225
3 rs2660753	3 rs4684072	11489860	0.61	0.0003935	0.87	0.4652
3 rs2660753	3 rs6550497	37681271	0.62	0.0002799	1.01	0.9805
3 rs2660753	3 rs408277	41075204	1.60	0.0002261	0.98	0.9309
3 rs2660753	3 rs11707034	41346108	1.72	0.0006713	0.87	0.4959
3 rs2660753	3 rs7651010	69679137	2.03	0.0005079	0.69	0.1726
3 rs2660753	3 rs12638331	80354009	2.41	0.0006092	1.19	0.6774
3 rs2660753	3 rs869247	121609926	1.71	0.00006705	0.94	0.7394
3 rs2660753	3 rs9828349	174048977	0.55	0.00008584	0.62	0.01157
3 rs2660753	3 rs6801312	190881174	1.63	0.0009876	0.89	0.548
3 rs2660753	4 rs727488	15572610	0.54	0.0008245	0.99	0.9773
3 rs2660753	4 rs10033728	18664242	0.29	0.0005157	0.77	0.5591
3 rs2660753	4 rs11733752	24742794	0.61	0.0009614	0.60	0.009355
3 rs2660753	4 rs1484322	39493708	1.63	0.0004697	1.11	0.5777
3 rs2660753	4 rs9683743	39525760	0.62	0.0005671	0.75	0.1162
3 rs2660753	4 rs6822653	44470131	0.60	0.0001857	1.37	0.1109
3 rs2660753	4 rs1391133	55561243	1.68	0.0001992	1.01	0.9739
3 rs2660753	4 rs11943048	57095496	1.66	0.0002487	1.47	0.04128
3 rs2660753	4 rs13109164	88064003	0.49	0.0005504	1.00	0.9895
3 rs2660753	4 rs1585616	89110224	2.15	0.0006065	1.15	0.6816
3 rs2660753	4 rs1603924	133513765	4.11	0.00007331	1.55	0.3046
3 rs2660753	4 rs7664184	133750664	3.85	0.0004173	1.66	0.2497

3 rs2660753	4 rs10519419	138582729	0.42	0.0008586	3.05	0.02343
3 rs2660753	4 rs10018731	143086556	0.56	0.0004515	0.70	0.09451
3 rs2660753	4 rs6813893	143154746	0.54	0.00002318	0.82	0.3137
3 rs2660753	4 rs17035514	158298193	0.42	0.00003706	1.42	0.2979
3 rs2660753	4 rs6830495	158320259	0.60	0.0007467	1.09	0.6965
3 rs2660753	4 rs10004048	170450003	1.60	0.0005124	1.02	0.9379
3 rs2660753	5 rs16869827	2544676	3.17	0.0006549	1.05	0.8919
3 rs2660753	5 rs10066908	4531547	0.59	0.0002962	0.93	0.6941
3 rs2660753	5 rs17464155	25453889	0.48	0.00077	0.95	0.871
3 rs2660753	5 rs2876936	28028248	1.64	0.0004297	0.69	0.06312
3 rs2660753	5 rs6876409	28033256	0.62	0.0003317	1.13	0.5711
3 rs2660753	5 rs10942267	80877670	0.63	0.0008569	0.96	0.8351
3 rs2660753	5 rs27363	82372518	0.59	0.0001114	1.06	0.7671
3 rs2660753	5 rs11950651	103037667	2.53	0.0007437	1.72	0.1463
3 rs2660753	5 rs10056109	103192139	2.08	0.0007683	1.30	0.4031
3 rs2660753	5 rs6897116	106450926	0.63	0.0006425	0.90	0.5563
3 rs2660753	5 rs11950195	113265537	1.60	0.0003625	1.12	0.5422
3 rs2660753	5 rs2078404	134986764	0.64	0.0007747	1.24	0.2832
3 rs2660753	5 rs7719292	153042023	1.68	0.0009339	1.23	0.3844
3 rs2660753	5 rs6873055	153253361	1.93	0.0004534	1.09	0.7305
3 rs2660753	5 rs17637310	153754689	0.62	0.0006009	0.82	0.2981
3 rs2660753	5 rs1038704	160483665	0.52	0.0002748	1.50	0.1938
3 rs2660753	5 rs290117	163213107	0.62	0.0002023	0.88	0.5118
3 rs2660753	5 rs410056	163226607	1.63	0.0008136	1.18	0.4093
3 rs2660753	5 rs255833	168879441	0.63	0.0006693	1.11	0.6129
3 rs2660753	5 rs26413	171030730	1.67	0.0005102	0.93	0.7133
3 rs2660753	5 rs1368430	171884506	1.63	0.000333	0.73	0.09611
3 rs2660753	6 rs9392436	2816084	1.66	0.0006751	0.93	0.7186
3 rs2660753	6 rs539629	13450536	1.63	0.0008336	0.85	0.4168
3 rs2660753	6 rs9464886	16495782	0.54	0.0008287	0.61	0.04566
3 rs2660753	6 rs10946938	27658775	1.75	0.0004625	1.29	0.2941
3 rs2660753	6 rs4713175	28743571	2.41	0.0001988	1.44	0.2364
3 rs2660753	6 rs3130826	29289293	1.72	0.0006207	0.62	0.02986
3 rs2660753	6 rs2256902	30048351	2.14	0.0007243	1.40	0.3285
3 rs2660753	6 rs9277927	33236373	0.53	0.0004584	0.83	0.4507
3 rs2660753	6 rs6938946	35388675	0.53	0.0005024	1.30	0.3598
3 rs2660753	6 rs9395593	50483811	0.64	0.0007967	1.23	0.2593
3 rs2660753	6 rs12525474	53474020	0.50	0.0007916	1.86	0.06924
3 rs2660753	6 rs12200439	55488267	1.68	0.0003542	0.77	0.175
3 rs2660753	6 rs2210338	66304250	0.64	0.00072	1.03	0.865
3 rs2660753	6 rs4945747	106748323	1.86	0.0006252	0.64	0.05349
3 rs2660753	6 rs12201458	106749380	0.47	0.0006456	1.31	0.4479
3 rs2660753	6 rs11751513	106763455	3.13	0.0007093	0.54	0.1225
3 rs2660753	6 rs671116	106867290	1.68	0.0002309	0.64	0.02186
3 rs2660753	6 rs9401955	127760755	2.19	0.0004875	0.90	0.6662
3 rs2660753	6 rs1012049	128572000	0.62	0.0009399	1.00	0.9847
3 rs2660753	6 rs1768987	153767229	1.57	0.0008603	1.33	0.1367
3 rs2660753	6 rs13193316	165514710	1.90	0.0005174	0.84	0.4938
3 rs2660753	6 rs874277	167088250	1.84	0.0008383	1.04	0.8826
3 rs2660753	7 rs10256972	812244	0.63	0.0003574	0.90	0.538
3 rs2660753	7 rs9639696	818179	1.67	0.0004123	1.24	0.3043
3 rs2660753	7 rs11769226	1121336	1.70	0.000312	1.14	0.4983

3 rs2660753	7 rs2041409	14647621	1.70	0.0001867	1.13	0.5618
3 rs2660753	7 rs6974070	16340894	1.75	0.0004529	0.86	0.4747
3 rs2660753	7 rs17686402	20995709	0.46	0.0009096	0.81	0.5011
3 rs2660753	7 rs2286491	22759108	0.62	0.0008567	1.43	0.09422
3 rs2660753	7 rs3922327	24354369	2.33	0.0002501	1.30	0.3925
3 rs2660753	7 rs2598082	37783054	0.60	0.0007933	0.75	0.1773
3 rs2660753	7 rs6956760	38311138	0.57	0.0005031	0.89	0.6272
3 rs2660753	7 rs12536329	49661010	1.56	0.0008508	0.86	0.41
3 rs2660753	7 rs333209	79197788	1.69	0.0008285	1.23	0.3401
3 rs2660753	7 rs724050	83486094	0.41	0.0005338	2.55	0.02857
3 rs2660753	7 rs1269642	107481430	1.62	0.0006257	1.02	0.8988
3 rs2660753	7 rs10250019	131542034	0.48	0.000519	0.98	0.9475
3 rs2660753	7 rs2241728	131572315	0.53	0.0002427	1.22	0.3918
3 rs2660753	8 rs10094938	10432736	0.63	0.0004527	1.19	0.3721
3 rs2660753	8 rs10098699	10714166	1.55	0.0009296	1.00	0.9833
3 rs2660753	8 rs11781400	11411481	0.64	0.0008985	0.91	0.6483
3 rs2660753	8 rs7815367	14508910	0.60	0.0008661	1.02	0.9267
3 rs2660753	8 rs1717300	16761513	2.37	0.0007598	1.01	0.9839
3 rs2660753	8 rs7817892	53044771	2.22	0.0007547	1.24	0.5152
3 rs2660753	8 rs13266168	62852078	0.36	0.000348	0.93	0.8518
3 rs2660753	8 rs12676236	84251934	2.50	0.0005553	0.75	0.3119
3 rs2660753	8 rs10505143	111349752	0.41	0.0004007	0.79	0.4294
3 rs2660753	8 rs9649944	119130302	1.62	0.000363	1.20	0.332
3 rs2660753	8 rs13340559	119952577	1.86	0.00009596	1.04	0.8657
3 rs2660753	8 rs4481638	136363511	0.56	0.00002425	0.90	0.561
3 rs2660753	9 rs7871924	26749215	0.62	0.0001367	1.24	0.2508
3 rs2660753	9 rs10971709	33794813	1.77	0.0007236	1.11	0.6431
3 rs2660753	9 rs4263860	88419476	0.31	0.0009128	0.87	0.7718
3 rs2660753	9 rs1857496	88597597	1.62	0.0004274	1.14	0.5364
3 rs2660753	9 rs11794342	102645868	2.37	0.0004526	0.88	0.6867
3 rs2660753	9 rs12337381	117354713	1.87	0.0009682	0.85	0.5397
3 rs2660753	9 rs792932	119124015	1.57	0.0004831	0.87	0.4186
3 rs2660753	10 rs11251389	2624260	0.41	0.0001961	1.24	0.5978
3 rs2660753	10 rs7083059	6906048	1.88	0.0009763	0.73	0.2744
3 rs2660753	10 rs12761607	13896105	0.62	0.0005147	1.13	0.5294
3 rs2660753	10 rs2642282	27972354	0.62	0.0004445	1.09	0.6572
3 rs2660753	10 rs2493360	65893000	0.62	0.0004305	0.97	0.8545
3 rs2660753	10 rs12573151	66727823	0.63	0.00069	1.03	0.8855
3 rs2660753	10 rs7901264	66741701	1.74	0.00006517	0.83	0.3329
3 rs2660753	10 rs12358407	83759675	1.75	0.0009228	1.03	0.8985
3 rs2660753	10 rs10882634	97335712	2.74	0.0004944	1.00	0.9965
3 rs2660753	10 rs11197560	117912191	2.15	0.00007854	1.13	0.6114
3 rs2660753	10 rs2478429	122219519	4.26	0.0002201	0.65	0.2485
3 rs2660753	11 rs7101498	26649543	0.59	0.000419	0.77	0.2131
3 rs2660753	11 rs12278579	42694572	0.41	0.0009535	8.47	0.03748
3 rs2660753	11 rs10792633	70730303	0.54	0.0003215	0.93	0.7386
3 rs2660753	11 rs10792642	70748750	0.42	0.0004214	0.84	0.5167
3 rs2660753	11 rs638509	85462627	1.63	0.0002012	0.82	0.2702
3 rs2660753	11 rs7933429	100195727	1.91	0.0004102	0.77	0.2802
3 rs2660753	11 rs7935262	104842699	0.65	0.0007873	0.97	0.8584
3 rs2660753	11 rs4075786	120202372	2.70	0.0007054	0.88	0.7622
3 rs2660753	12 rs2024168	3310220	1.52	0.0009298	1.16	0.4355

3 rs2660753	12 rs11045598	20962480	1.78	0.0007301	1.05	0.8484
3 rs2660753	12 rs11045752	21144537	1.68	0.0003451	1.11	0.615
3 rs2660753	12 rs12423101	22111714	1.75	0.00096	0.81	0.3827
3 rs2660753	12 rs1705406	25555562	0.60	0.0003851	1.40	0.1119
3 rs2660753	12 rs17527955	32217735	0.53	0.0007811	0.83	0.4281
3 rs2660753	12 rs6581422	60409393	2.39	0.000439	1.11	0.7109
3 rs2660753	12 rs10862314	80366097	1.69	0.0006358	0.94	0.7839
3 rs2660753	12 rs2364227	92395978	1.73	0.0003387	1.12	0.5855
3 rs2660753	12 rs1463630	114523152	0.33	0.00007719	0.93	0.8097
3 rs2660753	13 rs8000064	30427497	2.03	0.0009725	0.94	0.8009
3 rs2660753	13 rs9592510	33971750	2.43	0.0007434	2.78	0.02924
3 rs2660753	13 rs12861167	35003745	0.49	0.000208	1.22	0.4891
3 rs2660753	13 rs7997367	43751671	0.33	0.0007629	0.79	0.6605
3 rs2660753	13 rs7982729	76103537	1.82	0.000444	1.10	0.6758
3 rs2660753	13 rs2296991	98300600	1.89	0.0004131	0.65	0.06759
3 rs2660753	13 rs11618877	107969573	0.62	0.000606	0.97	0.8693
3 rs2660753	14 rs7161465	42092437	0.34	0.0008333	1.05	0.8939
3 rs2660753	14 rs10142063	45545187	1.55	0.0007329	1.07	0.7029
3 rs2660753	14 rs8009037	71255927	0.63	0.0005224	1.24	0.2719
3 rs2660753	14 rs3737035	89815175	1.63	0.0003573	0.88	0.5487
3 rs2660753	14 rs4337231	92397374	1.73	0.0008259	0.96	0.8822
3 rs2660753	14 rs1956713	94002672	1.86	0.0009221	1.05	0.8469
3 rs2660753	14 rs8016700	99764910	0.26	0.0001337	1.72	0.2398
3 rs2660753	15 rs2956147	31046945	1.60	0.0003955	1.19	0.3511
3 rs2660753	15 rs1398199	68519773	0.61	0.0004138	1.11	0.6325
3 rs2660753	15 rs2586182	77970821	2.35	0.0002171	1.21	0.6152
3 rs2660753	15 rs2073987	89500676	1.70	0.0006182	0.68	0.04769
3 rs2660753	16 rs2273679	1582424	0.50	0.0003512	1.23	0.4387
3 rs2660753	16 rs11861975	1656295	0.31	8.85E-06	1.44	0.3381
3 rs2660753	16 rs2272893	1660845	0.53	0.0003324	1.23	0.4205
3 rs2660753	16 rs6500854	6838384	1.60	0.0004741	0.90	0.5872
3 rs2660753	16 rs8048341	7623106	1.57	0.0005807	1.14	0.4548
3 rs2660753	16 rs1437181	57631452	0.50	0.0005786	0.86	0.5536
3 rs2660753	16 rs35167	63532013	0.58	0.0003597	0.91	0.6429
3 rs2660753	16 rs1862689	65976653	2.41	0.0007105	0.97	0.9078
3 rs2660753	16 rs9941051	67352875	2.21	0.0006133	0.78	0.3554
3 rs2660753	17 rs9896111	4354461	0.46	0.0001334	0.97	0.9136
3 rs2660753	17 rs1844737	29132773	1.97	0.0008344	1.28	0.3721
3 rs2660753	17 rs7221850	50664576	1.87	0.000955	0.74	0.2421
3 rs2660753	17 rs12450393	66606554	1.73	0.0005725	1.06	0.7965
3 rs2660753	17 rs2305345	71551888	0.62	0.0007703	0.85	0.3868
3 rs2660753	18 rs9965071	4457751	0.61	0.0006426	0.95	0.8024
3 rs2660753	18 rs16967040	31548814	2.26	0.0004625	0.81	0.5228
3 rs2660753	18 rs674716	38766846	2.42	0.0006762	0.41	0.003318
3 rs2660753	18 rs8098865	41064385	1.67	0.0005716	0.90	0.5782
3 rs2660753	18 rs9807683	42545247	0.63	0.0004384	1.02	0.9111
3 rs2660753	18 rs11874706	64002155	1.68	0.0006587	0.92	0.6625
3 rs2660753	18 rs17084552	67310050	0.55	0.0004872	1.20	0.4744
3 rs2660753	18 rs4891271	71228159	1.89	0.0003739	0.51	0.00223
3 rs2660753	19 rs17175790	7184497	0.43	0.0008921	1.40	0.5144
3 rs2660753	19 rs8110947	37447630	0.63	0.0006525	0.93	0.7028
3 rs2660753	19 rs3909374	46824888	0.60	0.0007241	1.36	0.1967

3 rs2660753	19 rs2356400	49013616	0.58	0.00005749	1.52	0.03369
3 rs2660753	20 rs6133451	7596350	2.42	0.000266	1.97	0.04395
3 rs2660753	20 rs6040061	10588306	0.62	0.000268	1.19	0.3421
3 rs2660753	20 rs2423569	11474470	2.20	0.0003408	0.55	0.02971
3 rs2660753	20 rs6041424	12451872	1.77	0.0001911	0.98	0.9354
3 rs2660753	20 rs445182	15193592	0.39	0.0006439	1.23	0.6483
3 rs2660753	21 rs4816927	24293541	0.63	0.0003932	1.17	0.3845
3 rs2660753	21 rs13048373	30313542	0.42	4.17E-06	0.69	0.1368
3 rs2660753	21 rs2832574	30346273	0.44	0.0001708	0.90	0.6848
3 rs2660753	21 rs8131597	30362632	0.47	0.00007127	0.73	0.2234
3 rs2660753	21 rs9978236	35476813	2.16	0.0001559	1.32	0.2991
3 rs2660753	21 rs1709816	37999129	1.58	0.0006501	0.82	0.2832
3 rs2660753	21 rs2070995	38008835	0.59	0.0008304	1.99	0.01033
3 rs2660753	21 rs2244297	40200979	2.17	0.0004475	0.97	0.9217
3 rs2660753	22 rs1320	20924091	2.76	0.000722	0.52	0.04315
3 rs2660753	22 rs6518932	33793433	0.55	0.0006534	0.71	0.169
3 rs2660753	22 rs8139100	45787968	2.16	0.0001682	0.99	0.9764
4 rs17021918	1 rs7523606	18115321	0.68	0.0003135	0.98	0.8514
4 rs17021918	1 rs760923	22102523	0.70	0.0007193	1.13	0.3421
4 rs17021918	1 rs1981135	26131881	0.64	0.0008525	0.86	0.4133
4 rs17021918	1 rs2783633	26189407	1.41	0.0006892	0.84	0.1601
4 rs17021918	1 rs6657309	29564024	1.55	0.000122	1.00	0.9867
4 rs17021918	1 rs6663618	42840915	0.72	0.0004384	0.92	0.4571
4 rs17021918	1 rs12760654	47381345	0.68	0.0004948	1.25	0.1397
4 rs17021918	1 rs12142958	54050660	1.37	0.0007123	1.09	0.4394
4 rs17021918	1 rs10889118	58933668	0.69	0.0004869	0.78	0.06777
4 rs17021918	1 rs12564158	87873348	0.52	0.0007859	1.34	0.1267
4 rs17021918	1 rs12027686	102894931	0.52	0.000709	1.01	0.9669
4 rs17021918	1 rs2084447	104814335	0.72	0.0005013	0.89	0.3162
4 rs17021918	1 rs11590559	118812023	0.73	0.0007218	1.03	0.79
4 rs17021918	1 rs260905	160704742	0.60	0.0004049	0.75	0.08091
4 rs17021918	1 rs10917897	160763532	0.68	0.00003547	0.89	0.3081
4 rs17021918	1 rs10921050	188659910	2.07	0.0004521	0.84	0.4987
4 rs17021918	1 rs12128250	212561135	0.67	0.0006617	1.00	0.9996
4 rs17021918	1 rs7524283	227164321	0.45	0.00001907	0.73	0.1174
4 rs17021918	1 rs4262613	230405187	1.48	0.0005924	0.79	0.0823
4 rs17021918	1 rs16833108	232505083	0.58	0.0008546	1.33	0.08508
4 rs17021918	1 rs6678766	238016595	1.47	0.0002468	0.72	0.01119
4 rs17021918	1 rs316896	238655855	0.71	0.0006504	0.98	0.8656
4 rs17021918	2 rs17017737	3152093	0.43	0.0006429	1.46	0.2471
4 rs17021918	2 rs10190873	26474267	0.54	0.0002657	1.18	0.4078
4 rs17021918	2 rs17538672	40782160	1.97	0.0003951	0.63	0.1372
4 rs17021918	2 rs4953156	45101414	0.64	0.0001784	0.93	0.5944
4 rs17021918	2 rs13391006	52625828	0.69	0.0002998	0.87	0.2607
4 rs17021918	2 rs13431750	65485843	3.35	0.0003959	0.90	0.7489
4 rs17021918	2 rs4953908	134794333	0.52	0.0001461	0.93	0.6946
4 rs17021918	2 rs2731562	144216915	1.37	0.0007664	0.89	0.312
4 rs17021918	2 rs1427297	145061190	0.71	0.0006871	0.99	0.951
4 rs17021918	2 rs12471739	156837733	0.72	0.0006656	1.12	0.3288
4 rs17021918	2 rs2950650	182391149	0.63	0.0009464	1.04	0.7734
4 rs17021918	2 rs2675043	183766950	1.50	0.0008675	0.84	0.2395
4 rs17021918	2 rs4517938	184712936	1.56	0.0008932	0.98	0.8982

4 rs17021918	2 rs958753	223820786	1.57	0.0008131	1.02	0.9111
4 rs17021918	2 rs3935695	239659769	0.66	0.0003809	1.08	0.58
4 rs17021918	2 rs4675966	241964332	0.72	0.0003667	0.93	0.5227
4 rs17021918	2 rs1476698	242016439	1.50	0.00003443	1.30	0.02821
4 rs17021918	2 rs764081	242114131	1.45	0.0002538	1.20	0.1512
4 rs17021918	3 rs1508722	7357827	1.42	0.0001856	1.04	0.7422
4 rs17021918	3 rs1039263	7384970	0.73	0.0006689	0.92	0.4735
4 rs17021918	3 rs2929401	20071739	0.73	0.0009039	0.94	0.5682
4 rs17021918	3 rs3844589	32420250	0.63	0.0006972	0.71	0.02939
4 rs17021918	3 rs3821895	45562987	0.70	0.0003889	0.97	0.7865
4 rs17021918	3 rs12491562	55187293	0.60	0.0007024	0.79	0.2087
4 rs17021918	3 rs815533	55450313	1.54	0.0004988	0.80	0.1196
4 rs17021918	3 rs2100139	109986955	0.72	0.0008412	1.09	0.4645
4 rs17021918	3 rs2169564	112181956	1.51	0.0005419	1.14	0.3127
4 rs17021918	3 rs9858155	118957425	2.14	0.0008441	1.03	0.8934
4 rs17021918	3 rs779608	119536275	1.64	0.00004168	0.82	0.1825
4 rs17021918	3 rs16836571	126359447	2.24	0.0002907	1.14	0.6289
4 rs17021918	3 rs17750418	128036341	0.59	0.000581	1.16	0.4476
4 rs17021918	3 rs8179952	138242944	1.49	0.0009438	1.02	0.8802
4 rs17021918	3 rs1357087	155146120	0.54	0.0002153	0.87	0.5526
4 rs17021918	3 rs7642986	163804086	0.73	0.0007717	0.95	0.6207
4 rs17021918	3 rs6788992	164112869	2.41	0.0004487	0.95	0.873
4 rs17021918	3 rs10084713	175518832	0.70	0.0002912	0.88	0.2701
4 rs17021918	3 rs4677825	196529209	0.65	0.0001574	0.88	0.3385
4 rs17021918	4 rs10008996	18481188	1.46	0.000239	0.94	0.6034
4 rs17021918	4 rs10428460	31275339	2.54	0.00001348	1.45	0.09601
4 rs17021918	4 rs784944	52768157	1.42	0.0008166	1.07	0.6179
4 rs17021918	4 rs9998819	53920205	0.62	8.03E-06	1.11	0.3903
4 rs17021918	4 rs6852347	102574745	1.40	0.0002951	1.15	0.2195
4 rs17021918	4 rs17865121	119091260	1.37	0.0006523	1.17	0.1546
4 rs17021918	4 rs2061443	120272273	1.44	0.0002229	1.08	0.4909
4 rs17021918	4 rs4864109	130964402	1.48	0.0001203	0.95	0.6809
4 rs17021918	4 rs7663798	142073035	2.03	0.0006251	1.00	0.9931
4 rs17021918	4 rs6852759	153269852	0.67	0.0002352	0.80	0.07643
4 rs17021918	4 rs10017505	168794842	1.41	0.0002773	0.88	0.2499
4 rs17021918	5 rs6554843	14204799	1.47	0.00006963	1.00	0.9863
4 rs17021918	5 rs13354126	31288427	2.62	0.00006544	1.17	0.5625
4 rs17021918	5 rs2269227	54312361	0.69	0.0008242	1.14	0.3061
4 rs17021918	5 rs9654427	74502589	2.10	0.000304	0.91	0.6718
4 rs17021918	5 rs5744707	74926374	1.86	0.00008232	0.93	0.6758
4 rs17021918	5 rs6895497	85085730	0.71	0.0005945	1.00	0.9874
4 rs17021918	5 rs2898554	87128149	1.55	0.0009197	1.63	0.1538
4 rs17021918	5 rs7736608	107168166	0.68	0.0003398	1.06	0.6799
4 rs17021918	5 rs6882183	107173152	1.51	0.00002226	0.83	0.09732
4 rs17021918	5 rs17144869	118376957	0.67	0.0004588	1.15	0.3256
4 rs17021918	5 rs2678070	118840079	1.40	0.0002768	0.79	0.03537
4 rs17021918	5 rs10065236	121205457	0.38	0.0009223	0.87	0.6712
4 rs17021918	5 rs6875467	153755596	1.40	0.0006224	0.99	0.9581
4 rs17021918	5 rs13357130	157721603	0.44	0.00008446	0.84	0.4486
4 rs17021918	5 rs30943	174278768	0.66	0.0006708	1.10	0.5298
4 rs17021918	5 rs418131	174293508	0.71	0.0006961	0.97	0.7711
4 rs17021918	6 rs9406234	9048537	2.16	0.0005233	1.48	0.1151

4 rs17021918	6 rs763047	36840409	1.48	0.0001928	0.94	0.5837
4 rs17021918	6 rs9472371	44897085	0.45	0.0003571	0.82	0.4544
4 rs17021918	6 rs9357944	57306982	0.73	0.0006057	0.98	0.8349
4 rs17021918	6 rs1737661	97611373	1.72	0.0001634	1.10	0.5602
4 rs17021918	6 rs6916746	137010692	2.62	0.000717	1.47	0.1599
4 rs17021918	6 rs9455734	169070112	2.12	0.0006466	0.84	0.5624
4 rs17021918	7 rs17790410	1993333	0.67	0.0005097	0.96	0.7681
4 rs17021918	7 rs6970324	11837354	0.70	0.0009574	1.07	0.5859
4 rs17021918	7 rs17360344	23933409	0.72	0.0009191	0.90	0.3438
4 rs17021918	7 rs17638806	41613597	0.57	0.0004245	1.14	0.5901
4 rs17021918	7 rs2877277	55151950	1.50	0.0001483	1.11	0.3973
4 rs17021918	7 rs4947508	55249875	1.54	0.00001372	1.19	0.1321
4 rs17021918	7 rs12718964	55272626	0.69	0.0003681	0.83	0.09316
4 rs17021918	7 rs815966	55330837	1.51	0.00003355	1.08	0.5181
4 rs17021918	7 rs10273103	82654593	1.59	0.0007734	0.80	0.221
4 rs17021918	7 rs2709922	82669969	1.38	0.0007929	0.97	0.8251
4 rs17021918	7 rs39341	103055224	1.47	0.0006439	0.81	0.1608
4 rs17021918	7 rs987165	119927118	0.68	0.0007924	0.85	0.1983
4 rs17021918	7 rs2372762	145800239	1.56	0.000235	1.32	0.06429
4 rs17021918	7 rs3778732	154083224	1.59	0.0005543	1.08	0.64
4 rs17021918	8 rs9314520	4027441	1.43	0.000971	1.15	0.2589
4 rs17021918	8 rs7833212	6520083	1.45	0.000529	1.10	0.4737
4 rs17021918	8 rs10113481	8510372	0.68	0.0006972	0.90	0.444
4 rs17021918	8 rs11998467	10003076	2.99	0.0004455	0.62	0.1271
4 rs17021918	8 rs10100940	13962514	1.40	0.0002698	1.07	0.4993
4 rs17021918	8 rs17119934	14544460	1.53	0.0007542	0.84	0.2232
4 rs17021918	8 rs6587015	16991666	1.42	0.0008122	0.98	0.8901
4 rs17021918	8 rs2683321	19195109	1.76	0.0006622	0.81	0.2235
4 rs17021918	8 rs2616242	20619442	0.73	0.0005287	1.10	0.3566
4 rs17021918	8 rs7837445	62147372	0.72	0.0006471	1.01	0.9012
4 rs17021918	8 rs6472656	73090669	1.49	0.0002815	1.05	0.7011
4 rs17021918	8 rs4739780	82083789	0.71	0.0004784	1.20	0.1274
4 rs17021918	8 rs10091879	82178230	2.40	0.0003122	0.81	0.5259
4 rs17021918	8 rs7844026	93622913	1.37	0.0007131	1.02	0.8471
4 rs17021918	8 rs983674	104193805	1.39	0.0003944	1.02	0.8791
4 rs17021918	8 rs3134295	104496535	1.38	0.0004913	1.00	0.9949
4 rs17021918	8 rs7828295	124220998	0.69	0.0002232	1.11	0.4328
4 rs17021918	8 rs4871398	124717042	0.68	0.0002652	0.92	0.5076
4 rs17021918	8 rs4559211	129397547	0.34	0.0001941	0.57	0.06136
4 rs17021918	8 rs4620329	139214490	0.58	0.0009279	1.15	0.5037
4 rs17021918	9 rs515913	3232902	1.92	0.0003545	0.97	0.9387
4 rs17021918	9 rs10974787	4784758	0.64	0.0002634	0.98	0.906
4 rs17021918	9 rs1781276	8196576	1.46	0.0008178	0.88	0.3475
4 rs17021918	9 rs2791446	18382900	1.55	0.0008471	0.82	0.267
4 rs17021918	9 rs2007566	23300836	2.28	0.0003424	1.10	0.7223
4 rs17021918	9 rs353436	26279217	0.55	0.0008661	1.03	0.8921
4 rs17021918	9 rs11791707	27413067	0.73	0.00076	1.10	0.3703
4 rs17021918	9 rs10812811	28399229	2.26	0.0005367	0.80	0.472
4 rs17021918	9 rs309444	37444874	0.58	0.0001388	1.17	0.3768
4 rs17021918	9 rs6476635	37488334	0.68	0.00009888	1.01	0.9207
4 rs17021918	9 rs10781232	68694486	1.51	0.0003108	0.93	0.5925
4 rs17021918	9 rs17268798	80918964	1.85	0.0008394	0.84	0.402

4 rs17021918	9 rs7029950	91686888	0.71	0.0009854	1.00	0.9843
4 rs17021918	9 rs16905591	95587395	1.75	0.0004411	0.82	0.2311
4 rs17021918	9 rs10820813	105356259	1.41	0.0004346	0.86	0.1559
4 rs17021918	9 rs6477696	109047119	1.64	0.0008323	0.82	0.2565
4 rs17021918	9 rs4978434	110891000	0.62	0.0008579	0.92	0.6554
4 rs17021918	9 rs2418144	111062541	1.97	0.0002259	0.78	0.1912
4 rs17021918	9 rs7860748	111282057	0.73	0.0009447	0.75	0.00739
4 rs17021918	9 rs10793963	130548010	1.52	0.0006131	0.89	0.419
4 rs17021918	10 rs11251240	2466773	0.67	0.0007915	0.80	0.1326
4 rs17021918	10 rs768166	8087556	1.63	0.0002419	1.45	0.03326
4 rs17021918	10 rs7902102	10917012	0.73	0.0007555	0.85	0.1368
4 rs17021918	10 rs11256857	10922507	1.41	0.0003857	1.06	0.5935
4 rs17021918	10 rs7898914	22367327	1.52	0.00004529	1.02	0.8804
4 rs17021918	10 rs793096	31425455	0.71	0.0002764	0.89	0.3158
4 rs17021918	10 rs1915681	52728063	0.68	0.0006894	0.94	0.6785
4 rs17021918	10 rs7899294	85611735	1.66	0.0003725	0.99	0.9459
4 rs17021918	10 rs7082818	95927822	1.48	0.0008693	0.84	0.214
4 rs17021918	10 rs17103129	123900389	2.28	0.0005209	1.44	0.2223
4 rs17021918	10 rs7077275	126687200	1.38	0.0007561	0.92	0.5089
4 rs17021918	10 rs7083801	129725918	0.61	0.0007386	1.20	0.2583
4 rs17021918	10 rs4750806	132114712	0.50	0.000578	1.03	0.8949
4 rs17021918	11 rs1429793	20882832	1.63	0.0003337	0.97	0.8803
4 rs17021918	11 rs7950996	34903288	1.37	0.0009362	1.05	0.6809
4 rs17021918	11 rs7938933	47062890	0.30	8.12E-06	0.84	0.5865
4 rs17021918	11 rs4939148	57047537	0.72	0.0007048	1.18	0.1352
4 rs17021918	11 rs12421838	90381665	2.77	0.0004422	0.48	0.04485
4 rs17021918	11 rs7121036	126698215	1.42	0.0001129	0.93	0.4916
4 rs17021918	11 rs7121194	126846534	0.72	0.0008229	1.24	0.0622
4 rs17021918	11 rs3017964	134012618	0.59	0.0002443	1.21	0.2591
4 rs17021918	12 rs11048459	26360694	0.47	0.0000638	1.02	0.9198
4 rs17021918	12 rs17120858	57149332	2.38	0.0007843	1.53	0.2027
4 rs17021918	12 rs12322159	57265912	2.72	0.0006054	1.03	0.9195
4 rs17021918	12 rs10492207	66453488	1.43	0.0002401	0.93	0.5334
4 rs17021918	12 rs11116559	83621264	0.37	5.79E-06	1.15	0.4916
4 rs17021918	12 rs1901242	96532780	0.63	0.0003727	0.97	0.8263
4 rs17021918	13 rs2764015	33129571	0.51	0.0007972	0.99	0.9601
4 rs17021918	13 rs797483	50112752	1.35	0.0008805	1.09	0.4413
4 rs17021918	13 rs944168	51315539	0.55	0.00005846	1.34	0.1123
4 rs17021918	13 rs7334967	73624098	0.66	0.0005159	1.00	0.982
4 rs17021918	13 rs12877408	73702574	0.57	0.00005176	1.08	0.6611
4 rs17021918	13 rs4293264	76284540	0.67	0.00003532	0.83	0.1497
4 rs17021918	13 rs9575840	84701898	1.74	0.0008178	1.27	0.1881
4 rs17021918	13 rs2209831	91930865	2.00	0.0009587	1.43	0.1672
4 rs17021918	13 rs9520020	105720481	1.63	0.0001061	1.08	0.6513
4 rs17021918	13 rs168517	105721496	1.49	0.0000408	1.05	0.6709
4 rs17021918	14 rs10438073	39858632	1.53	0.0004144	1.15	0.3697
4 rs17021918	14 rs12050305	45628448	2.22	0.0006103	1.40	0.2949
4 rs17021918	14 rs380978	58426924	0.71	0.0002429	0.85	0.125
4 rs17021918	14 rs7149285	58808440	0.60	0.0008633	1.49	0.02282
4 rs17021918	14 rs1272669	58885535	0.69	0.000323	1.22	0.1166
4 rs17021918	14 rs17834280	59130489	0.61	0.0003476	1.20	0.2569
4 rs17021918	14 rs2145423	67866683	1.37	0.000905	1.05	0.6626

4 rs17021918	14 rs2239219	71922573	0.72	0.0003619	1.00	0.9702
4 rs17021918	14 rs4899917	86921011	0.74	0.0009984	0.97	0.7816
4 rs17021918	14 rs11625405	95734651	0.71	0.0009657	1.01	0.9417
4 rs17021918	15 rs8037622	21660397	1.56	0.0009749	1.01	0.9361
4 rs17021918	15 rs11633122	31375943	0.53	0.0009857	0.95	0.8324
4 rs17021918	15 rs10520146	37746757	0.64	0.0002231	0.79	0.1111
4 rs17021918	15 rs2252546	43914283	0.62	0.0007572	0.96	0.8296
4 rs17021918	15 rs11857757	46894506	1.89	0.0008624	1.21	0.4174
4 rs17021918	15 rs2062643	52976998	0.68	0.0004675	0.90	0.424
4 rs17021918	15 rs8039796	63285178	1.39	0.0007514	0.98	0.8542
4 rs17021918	15 rs1670262	97414876	0.72	0.0008852	1.12	0.3306
4 rs17021918	16 rs220376	3268519	0.69	0.0005674	0.96	0.7484
4 rs17021918	16 rs4436764	13525219	1.48	0.0002458	0.91	0.4655
4 rs17021918	16 rs12325419	68926410	1.69	0.0003586	0.98	0.9032
4 rs17021918	16 rs7195364	74611536	1.58	0.0001586	0.91	0.5303
4 rs17021918	17 rs9915336	9024397	0.73	0.0008658	1.17	0.1769
4 rs17021918	17 rs9898249	11586709	1.49	0.0003641	0.84	0.1922
4 rs17021918	17 rs10512470	30795317	0.64	0.0002239	0.94	0.663
4 rs17021918	17 rs7220928	59496712	1.76	0.0007781	1.03	0.881
4 rs17021918	17 rs1470453	59758122	0.70	0.0008841	1.01	0.947
4 rs17021918	17 rs236548	65742847	0.68	0.000239	0.97	0.805
4 rs17021918	17 rs17180903	67551441	0.70	0.0006778	0.93	0.5668
4 rs17021918	17 rs4647887	72070401	1.38	0.0007225	0.94	0.6006
4 rs17021918	17 rs4239000	72800535	0.72	0.0003198	1.00	0.9688
4 rs17021918	18 rs9303978	5756949	2.18	0.0004887	1.08	0.7116
4 rs17021918	18 rs6505737	12251064	0.70	0.0001088	0.89	0.2792
4 rs17021918	18 rs10502481	22831048	0.73	0.000892	0.92	0.4746
4 rs17021918	18 rs12970813	52573825	0.50	0.0005433	1.02	0.9301
4 rs17021918	18 rs4941229	53796541	1.39	0.0008757	0.92	0.5068
4 rs17021918	19 rs1159776	15611803	0.64	0.0006271	0.81	0.1701
4 rs17021918	19 rs4808346	15619931	0.68	0.00006827	1.09	0.4593
4 rs17021918	19 rs7259442	62114142	1.59	0.000633	1.06	0.7294
4 rs17021918	20 rs2076652	2361320	0.72	0.0007714	1.15	0.2504
4 rs17021918	20 rs6140292	7403922	0.61	0.00003908	1.13	0.4297
4 rs17021918	20 rs864178	12755016	0.60	0.0000293	1.09	0.5759
4 rs17021918	20 rs6111006	16205484	1.36	0.0009523	0.89	0.2885
4 rs17021918	20 rs6101600	37604600	0.39	0.0003438	0.81	0.518
4 rs17021918	20 rs1395364	37706111	0.31	0.00005485	0.90	0.7244
4 rs17021918	20 rs3827032	49658613	0.71	0.0005988	1.15	0.2468
4 rs17021918	20 rs6126690	50948742	0.71	0.000991	1.10	0.4585
4 rs17021918	20 rs2762929	52199602	1.41	0.000242	0.82	0.07428
4 rs17021918	20 rs2762932	52201798	1.56	0.0007699	0.88	0.3658
4 rs17021918	20 rs4812073	57379252	2.31	0.0005768	0.73	0.2201
4 rs17021918	21 rs9984237	22108851	1.52	0.0004634	1.15	0.3185
4 rs17021918	21 rs2830183	26642550	0.62	0.0004066	0.74	0.05806
4 rs17021918	21 rs2836441	38792180	1.88	8.68E-06	1.16	0.3698
4 rs17021918	22 rs9620752	26649420	0.51	0.0001948	0.90	0.5461
4 rs17021918	22 rs5762924	27693489	0.57	0.0002074	0.88	0.4402
4 rs17021918	22 rs9621764	32458221	1.72	0.0009391	0.94	0.7424
4 rs17021918	22 rs5999196	32793846	1.79	0.0003624	0.62	0.01847
4 rs17021918	22 rs2050142	37929790	0.64	0.00004518	0.90	0.3434
4 rs17021918	22 rs2839705	41191112	0.70	0.0004492	0.98	0.8342

4 rs17021918	22 rs5759305	42080325	1.65	0.0002719	1.02	0.8702
4 rs7679673	1 rs10799220	4233475	1.49	0.0009029	0.86	0.3466
4 rs7679673	1 rs11120773	6821359	1.65	0.0007311	1.20	0.384
4 rs7679673	1 rs3124625	11434738	0.71	0.0002209	1.11	0.4013
4 rs7679673	1 rs2594289	11548534	1.44	0.0006866	1.04	0.7989
4 rs7679673	1 rs10916846	20731863	1.99	0.0003311	0.96	0.9067
4 rs7679673	1 rs2798353	47353061	0.65	0.0007234	0.99	0.9717
4 rs7679673	1 rs11206480	55128848	0.75	0.0009741	1.20	0.1315
4 rs7679673	1 rs17131416	70866996	0.29	0.0008517	1.12	0.7741
4 rs7679673	1 rs4949800	77569704	1.41	0.0009873	1.06	0.7287
4 rs7679673	1 rs1327612	81473205	2.50	0.0006156	0.72	0.3267
4 rs7679673	1 rs10782987	94831811	0.72	0.0009573	1.40	0.01736
4 rs7679673	1 rs11185396	104466557	1.77	0.00004752	1.01	0.9399
4 rs7679673	1 rs11590544	106390848	0.54	0.0007539	1.19	0.4506
4 rs7679673	1 rs6587697	149508464	1.36	0.0006866	1.11	0.4122
4 rs7679673	1 rs12240158	149692176	1.78	0.0006008	0.98	0.9188
4 rs7679673	1 rs1327696	227008300	1.37	0.0009935	1.14	0.2986
4 rs7679673	1 rs12723373	227136582	1.61	0.0003394	0.99	0.9599
4 rs7679673	1 rs1160075	228571996	1.37	0.0007225	0.75	0.02894
4 rs7679673	1 rs4920264	230402548	0.74	0.0008073	0.95	0.6696
4 rs7679673	1 rs17578989	231044724	1.37	0.0006322	0.80	0.08566
4 rs7679673	2 rs13400823	1888657	0.73	0.0008294	0.90	0.3988
4 rs7679673	2 rs12478345	3628641	0.55	0.0007773	1.06	0.7956
4 rs7679673	2 rs1075726	23324338	0.49	0.0001155	1.25	0.2751
4 rs7679673	2 rs2059339	41268860	1.90	0.0001479	0.96	0.8876
4 rs7679673	2 rs6759598	64638452	1.36	0.0007499	1.22	0.1166
4 rs7679673	2 rs2661796	65539057	1.35	0.0005962	1.11	0.4145
4 rs7679673	2 rs10164455	147473910	0.46	0.0001728	0.65	0.05785
4 rs7679673	2 rs10490605	171943980	0.69	0.0008673	0.87	0.3815
4 rs7679673	2 rs17287497	172176740	1.56	0.0009338	0.94	0.7411
4 rs7679673	2 rs4972717	172901857	0.63	0.00009005	0.95	0.7487
4 rs7679673	2 rs10804071	196941663	1.47	0.00009913	1.13	0.3518
4 rs7679673	2 rs3762474	196950654	1.71	0.0003826	0.86	0.4317
4 rs7679673	2 rs3771000	206470672	1.53	0.0004093	0.78	0.1348
4 rs7679673	2 rs2372221	214745171	0.71	0.0001986	1.18	0.1597
4 rs7679673	2 rs10169381	237921651	0.72	0.0003347	0.96	0.736
4 rs7679673	3 rs1354235	2464729	0.72	0.0003926	0.87	0.2633
4 rs7679673	3 rs17518622	25202083	1.54	0.0009819	0.98	0.9359
4 rs7679673	3 rs4681044	25295225	1.42	0.0001208	1.11	0.4334
4 rs7679673	3 rs6801474	41346418	1.45	0.0005047	1.02	0.8867
4 rs7679673	3 rs6797570	63647792	1.41	0.0007916	0.87	0.3603
4 rs7679673	3 rs6795228	65938767	0.67	0.000999	1.07	0.6635
4 rs7679673	3 rs1983419	66458112	1.42	0.0003482	1.08	0.5656
4 rs7679673	3 rs1427422	69866955	1.81	0.0009897	1.11	0.6898
4 rs7679673	3 rs9811454	72454215	0.74	0.0005862	1.02	0.8503
4 rs7679673	3 rs1447788	76717217	0.44	0.0006402	0.99	0.9668
4 rs7679673	3 rs1546311	132913692	0.64	0.0005595	1.22	0.2284
4 rs7679673	3 rs6765085	133284254	0.68	0.0007463	1.25	0.1302
4 rs7679673	3 rs924577	144577061	0.68	0.0008448	0.82	0.1847
4 rs7679673	3 rs2459131	146923605	1.43	0.0002924	1.07	0.602
4 rs7679673	3 rs17788050	150982469	1.87	0.0008422	1.19	0.4449
4 rs7679673	3 rs4373022	151160124	1.71	0.0006132	1.26	0.2534

4 rs7679673	3 rs6807753	153508494	0.73	0.0003565	0.91	0.4391
4 rs7679673	3 rs4955695	171116660	1.35	0.0005345	1.33	0.02178
4 rs7679673	3 rs6777317	198559269	0.69	0.0002034	1.10	0.4902
4 rs7679673	4 rs16875016	23780448	0.43	0.0008754	1.01	0.9677
4 rs7679673	4 rs17580825	23918979	1.41	0.0002252	1.13	0.3555
4 rs7679673	4 rs7693334	24757387	0.71	0.0008288	1.33	0.04422
4 rs7679673	4 rs17080898	31985010	0.55	0.0002566	1.13	0.6284
4 rs7679673	4 rs16989950	34363832	0.50	0.0004072	0.91	0.6683
4 rs7679673	4 rs1993570	85041409	0.71	0.0008412	1.13	0.3889
4 rs7679673	4 rs6818991	86511121	0.66	0.00006919	1.05	0.7495
4 rs7679673	4 rs17751557	88191786	0.63	0.0001402	0.99	0.9532
4 rs7679673	4 rs17007051	124801078	0.52	0.0006442	1.30	0.3547
4 rs7679673	4 rs16997921	128003351	0.50	0.0005654	0.79	0.4736
4 rs7679673	4 rs17602765	137448475	0.48	0.0006261	0.91	0.7119
4 rs7679673	4 rs919482	147453235	1.43	0.0001907	0.98	0.8526
4 rs7679673	4 rs17369400	154581653	0.62	0.0001612	0.87	0.4023
4 rs7679673	4 rs17312167	156702097	1.43	0.0001184	1.13	0.3373
4 rs7679673	4 rs1919497	172880742	1.50	0.0005609	1.06	0.7281
4 rs7679673	4 rs2178095	185984939	1.81	0.0008989	0.94	0.802
4 rs7679673	4 rs6837920	186145943	2.51	0.0002555	1.54	0.1494
4 rs7679673	5 rs2257138	5930419	0.74	0.0006894	1.52	0.002783
4 rs7679673	5 rs30635	14353652	0.67	0.00001304	1.26	0.06913
4 rs7679673	5 rs3805516	31456427	0.68	0.0008919	1.00	0.9906
4 rs7679673	5 rs13154594	45910680	1.78	0.0007295	2.00	0.02658
4 rs7679673	5 rs1816086	54288790	0.73	0.0007741	0.99	0.9057
4 rs7679673	5 rs6896511	67843968	0.75	0.0008859	1.14	0.292
4 rs7679673	5 rs159403	106246642	1.38	0.0006518	0.91	0.4312
4 rs7679673	5 rs1974788	107165363	0.59	0.0003769	0.81	0.3115
4 rs7679673	5 rs247096	128121776	0.72	0.0007695	0.99	0.9526
4 rs7679673	5 rs834389	160491841	0.73	0.0005638	0.97	0.8243
4 rs7679673	5 rs261076	169236950	0.70	0.0009096	1.04	0.7997
4 rs7679673	6 rs4146690	1440953	0.59	0.0006769	1.02	0.9273
4 rs7679673	6 rs2465669	39738442	0.74	0.0009426	1.00	0.9832
4 rs7679673	6 rs12191298	42645586	0.47	0.0006254	0.63	0.1641
4 rs7679673	6 rs7769886	47232643	0.73	0.0009951	1.10	0.4663
4 rs7679673	6 rs9473021	47235282	1.55	1.82E-06	1.01	0.9217
4 rs7679673	6 rs9447300	75597958	0.61	0.000935	1.02	0.9042
4 rs7679673	6 rs4706379	91603088	1.42	0.0004032	1.00	0.9785
4 rs7679673	6 rs17372954	109193612	0.63	0.0001465	1.00	0.9944
4 rs7679673	6 rs2222391	115043958	0.56	0.0006287	1.26	0.4072
4 rs7679673	6 rs9458135	161520767	2.04	0.0002437	1.10	0.7315
4 rs7679673	6 rs9456987	165031386	1.60	0.0005628	0.98	0.933
4 rs7679673	6 rs9356237	165034984	1.37	0.0005258	0.98	0.8404
4 rs7679673	6 rs911839	169670928	0.74	0.0009405	0.86	0.2224
4 rs7679673	7 rs4719500	644697	0.63	0.00001409	0.88	0.4175
4 rs7679673	7 rs1779	679980	0.73	0.0005596	0.87	0.2748
4 rs7679673	7 rs13240649	3030214	1.36	0.0006021	1.00	0.974
4 rs7679673	7 rs13242602	3298236	0.52	0.0002734	0.62	0.06719
4 rs7679673	7 rs2736726	30292270	1.45	0.0002267	1.08	0.6067
4 rs7679673	7 rs17172722	46393552	1.36	0.0009723	1.13	0.3024
4 rs7679673	7 rs323135	77986011	1.51	0.0004602	1.27	0.1394
4 rs7679673	7 rs12672637	88201486	0.47	0.0004902	0.93	0.7826

4 rs7679673	7 rs7810246	88527665	0.58	0.0001205	1.22	0.3114
4 rs7679673	7 rs3917586	94570972	0.58	0.0007478	1.07	0.7956
4 rs7679673	7 rs12707359	136589498	0.72	0.0002048	1.40	0.005582
4 rs7679673	7 rs17667159	156795541	1.44	0.0001685	1.32	0.04232
4 rs7679673	8 rs6988955	5540439	0.49	0.0005014	1.07	0.829
4 rs7679673	8 rs12541649	11143540	0.42	0.0008247	0.73	0.1745
4 rs7679673	8 rs6586830	19329169	1.44	0.0004833	0.79	0.1457
4 rs7679673	8 rs4307360	19348234	1.37	0.0004289	0.80	0.07186
4 rs7679673	8 rs2681599	31416828	0.66	0.0005744	0.94	0.6757
4 rs7679673	8 rs919034	41496556	0.51	0.0004833	1.59	0.03534
4 rs7679673	8 rs7821429	56677570	0.38	1.16E-06	0.78	0.3048
4 rs7679673	8 rs7835417	69304073	2.45	0.0002249	1.17	0.5421
4 rs7679673	8 rs4978305	94435778	0.70	0.0003051	1.21	0.1382
4 rs7679673	8 rs13251514	114001060	1.39	0.0002824	1.02	0.8974
4 rs7679673	8 rs12674772	119586403	1.42	0.0008449	1.07	0.6652
4 rs7679673	8 rs10505629	135777796	0.56	0.0001968	0.90	0.6029
4 rs7679673	8 rs10094719	135812425	0.71	0.0001459	0.97	0.805
4 rs7679673	8 rs1735169	146037858	0.74	0.0007951	0.79	0.06339
4 rs7679673	9 rs482376	2529495	1.42	0.000351	0.86	0.2582
4 rs7679673	9 rs10908910	89510286	0.42	0.0008826	1.89	0.07627
4 rs7679673	9 rs7857039	93032271	0.73	0.0004628	1.06	0.6341
4 rs7679673	9 rs2567304	100983985	0.75	0.000836	0.91	0.4462
4 rs7679673	9 rs16922245	102699419	2.22	0.0009631	0.98	0.9445
4 rs7679673	9 rs7856566	120110687	2.21	0.0007737	0.78	0.4187
4 rs7679673	9 rs17276873	122333360	0.63	0.0008333	1.01	0.9384
4 rs7679673	9 rs2252730	127403039	1.35	0.00092	1.04	0.7571
4 rs7679673	9 rs10760500	127616271	0.74	0.0008685	0.96	0.6919
4 rs7679673	10 rs17146629	6020756	2.78	0.0007259	0.83	0.5262
4 rs7679673	10 rs12570744	6829469	1.58	0.0001335	1.08	0.654
4 rs7679673	10 rs353181	6834085	1.38	0.0007141	1.01	0.9327
4 rs7679673	10 rs7078980	12578497	1.42	0.0008927	1.43	0.02525
4 rs7679673	10 rs17615892	36675415	0.64	0.0000688	0.84	0.2521
4 rs7679673	10 rs10763269	57271715	0.65	0.0001649	0.81	0.1587
4 rs7679673	10 rs12250363	68322528	1.83	0.0006576	1.18	0.4878
4 rs7679673	10 rs4503472	77701553	1.36	0.0004349	1.10	0.4328
4 rs7679673	10 rs10882008	82488174	1.38	0.0006407	0.96	0.7738
4 rs7679673	10 rs7908787	82969046	0.61	0.0002726	1.11	0.538
4 rs7679673	10 rs12358407	83759675	1.47	0.0005386	0.98	0.8919
4 rs7679673	10 rs10749482	85962023	0.72	0.0007162	0.98	0.9027
4 rs7679673	10 rs10887317	86305424	0.46	0.0007744	0.98	0.9563
4 rs7679673	10 rs6583787	93531568	1.39	0.0003496	1.01	0.9461
4 rs7679673	10 rs7098106	95658317	0.58	0.0002386	1.16	0.4745
4 rs7679673	10 rs7895646	99157426	0.73	0.0003893	1.15	0.2343
4 rs7679673	10 rs2943764	123794543	1.61	0.0005486	1.30	0.1398
4 rs7679673	10 rs7893870	123812962	0.66	0.00087	0.86	0.3212
4 rs7679673	10 rs2842152	128306592	1.37	0.0003909	0.99	0.9087
4 rs7679673	11 rs11605083	15311822	1.42	0.0009711	1.12	0.4151
4 rs7679673	11 rs2198706	18169711	1.43	0.0003842	0.94	0.6639
4 rs7679673	11 rs2460821	18182486	1.40	0.0005154	0.96	0.7789
4 rs7679673	11 rs10832904	18185434	0.73	0.00031	1.07	0.572
4 rs7679673	11 rs12791486	25131774	1.62	0.0004725	0.80	0.356
4 rs7679673	11 rs7929907	33372646	1.37	0.0007279	1.34	0.01983

4 rs7679673	11 rs2941060	34835730	1.36	0.0005142	0.98	0.8481
4 rs7679673	11 rs2129954	42055269	0.57	0.0009717	1.17	0.5483
4 rs7679673	11 rs2511229	61227710	1.69	0.0005288	1.15	0.5398
4 rs7679673	11 rs17709552	61797095	1.66	0.000381	0.93	0.6949
4 rs7679673	11 rs663889	63636973	1.36	0.0009268	0.86	0.2542
4 rs7679673	11 rs597587	69112459	2.29	0.0006421	0.86	0.7132
4 rs7679673	11 rs2887135	73841503	0.74	0.0007407	1.04	0.7685
4 rs7679673	11 rs684877	73860220	1.50	0.0001867	1.13	0.4114
4 rs7679673	11 rs7106746	83700473	0.62	0.00001587	1.16	0.3132
4 rs7679673	11 rs7927205	86812553	1.38	0.0004372	1.30	0.04112
4 rs7679673	11 rs1939015	102081585	0.66	0.0009504	0.99	0.9595
4 rs7679673	11 rs7940533	110583625	0.71	0.0001208	1.09	0.4933
4 rs7679673	11 rs597820	117416577	0.72	0.0001417	1.12	0.356
4 rs7679673	11 rs1287591	119409896	1.41	0.0002156	1.03	0.8348
4 rs7679673	11 rs7110565	120567696	1.50	0.0002409	1.05	0.7629
4 rs7679673	11 rs2043436	125430688	0.63	0.0001831	1.26	0.1682
4 rs7679673	11 rs1478751	134264971	1.46	0.00004286	0.96	0.7542
4 rs7679673	12 rs550338	24403304	0.69	0.0003448	1.33	0.05942
4 rs7679673	12 rs10505956	25041779	0.61	0.0003579	1.12	0.5345
4 rs7679673	12 rs768347	26222413	1.45	0.0008466	0.99	0.9673
4 rs7679673	12 rs10876078	37463672	1.52	0.0007927	1.01	0.9639
4 rs7679673	12 rs10878950	39323424	1.40	0.0002253	0.81	0.085
4 rs7679673	12 rs7953156	43215954	1.38	0.0005749	0.97	0.815
4 rs7679673	12 rs10783889	57094296	1.42	0.0001626	1.04	0.7427
4 rs7679673	12 rs12424086	64650776	1.53	0.0002621	1.07	0.6941
4 rs7679673	12 rs10879065	68637951	1.40	0.0002908	0.89	0.352
4 rs7679673	12 rs7303365	74649537	2.86	0.000975	1.74	0.184
4 rs7679673	12 rs1484991	81816137	0.68	0.0002309	1.25	0.1405
4 rs7679673	12 rs11111634	102435510	0.44	0.0001274	1.33	0.173
4 rs7679673	12 rs11067112	113331492	0.39	0.0003472	1.35	0.2528
4 rs7679673	12 rs871315	123175443	0.67	0.0003801	0.87	0.3112
4 rs7679673	12 rs10847127	125348742	1.37	0.000773	0.99	0.9433
4 rs7679673	13 rs7989018	22863837	0.63	0.0007787	0.82	0.3048
4 rs7679673	13 rs7996828	71473296	0.39	0.0003626	1.11	0.7249
4 rs7679673	13 rs4884982	71500808	0.56	0.0002299	1.00	0.9975
4 rs7679673	13 rs2175074	75613885	0.56	0.0004051	0.82	0.4402
4 rs7679673	13 rs12583741	80979151	1.87	0.0002646	0.98	0.9197
4 rs7679673	13 rs9531198	80980055	1.57	5.78E-06	1.22	0.1488
4 rs7679673	13 rs9517637	98639816	0.73	0.0008456	0.83	0.1426
4 rs7679673	13 rs912129	98831653	0.58	0.0001966	0.76	0.1756
4 rs7679673	13 rs2892976	98856562	0.68	0.0007767	0.90	0.5086
4 rs7679673	14 rs1957022	31996704	1.52	0.0003071	1.04	0.8125
4 rs7679673	14 rs12435259	32232570	0.71	0.0006496	0.98	0.9031
4 rs7679673	14 rs4277263	33238314	0.62	0.0004632	1.15	0.4955
4 rs7679673	14 rs2415543	38929967	0.72	0.0003823	0.83	0.1474
4 rs7679673	14 rs9671590	40998659	0.56	0.0009133	0.86	0.509
4 rs7679673	14 rs8022754	47353954	0.68	0.0008525	0.71	0.05176
4 rs7679673	14 rs10145585	52997098	0.53	0.0006297	1.38	0.3
4 rs7679673	14 rs8016735	78732379	0.73	0.0007027	1.13	0.3435
4 rs7679673	14 rs7143288	91407630	1.35	0.0006482	1.04	0.7673
4 rs7679673	14 rs1052912	102673406	0.61	0.0005349	1.20	0.3756
4 rs7679673	15 rs9920483	24230680	1.38	0.0003337	1.25	0.07165

4 rs7679673	15 rs11637272	37429770	1.61	0.0004015	1.30	0.1455
4 rs7679673	15 rs10851768	65064567	0.74	0.0005638	1.11	0.407
4 rs7679673	15 rs12912393	69540196	1.45	0.0001559	1.04	0.7643
4 rs7679673	15 rs2730089	82022482	0.62	0.0007948	0.87	0.4994
4 rs7679673	15 rs11633075	82914976	0.70	0.0002526	0.99	0.9423
4 rs7679673	15 rs17623915	83811108	0.69	0.0009718	0.87	0.3647
4 rs7679673	15 rs2880974	84216204	0.65	0.00002491	1.03	0.8362
4 rs7679673	15 rs4842907	84239094	0.61	0.00009293	0.94	0.7096
4 rs7679673	15 rs1695969	85555170	1.40	0.0001843	0.99	0.9232
4 rs7679673	16 rs11647571	12633787	2.38	5.95E-06	0.94	0.8309
4 rs7679673	16 rs4625709	56943853	0.74	0.0007314	1.10	0.443
4 rs7679673	16 rs12446847	76238251	0.72	0.0002754	1.00	0.992
4 rs7679673	16 rs12924681	85203519	1.37	0.0008117	1.08	0.5732
4 rs7679673	16 rs8056525	85606556	1.63	0.0009303	0.75	0.2162
4 rs7679673	17 rs3744251	7701708	0.52	0.0002525	1.26	0.2888
4 rs7679673	17 rs10521196	12269756	1.84	0.0007521	1.09	0.7583
4 rs7679673	17 rs12944981	30049544	1.84	0.0009717	1.28	0.2992
4 rs7679673	18 rs898199	8461457	1.43	0.0004578	1.06	0.668
4 rs7679673	18 rs3902213	8806054	0.72	0.0005462	0.94	0.6306
4 rs7679673	18 rs7244675	11281204	0.36	0.0008578	1.66	0.1685
4 rs7679673	18 rs9959171	73954438	0.74	0.0009463	0.97	0.8124
4 rs7679673	19 rs720308	40489900	0.64	0.0003177	0.91	0.5998
4 rs7679673	19 rs1079082	60784611	1.45	0.0009827	1.11	0.5242
4 rs7679673	20 rs6109448	12443017	0.67	0.0001257	0.86	0.2437
4 rs7679673	20 rs6033655	13207584	2.82	0.00003853	1.40	0.3555
4 rs7679673	20 rs6103041	40845679	1.52	0.00002646	0.70	0.02212
4 rs7679673	20 rs17811425	40856507	1.39	0.0003181	0.91	0.4387
4 rs7679673	20 rs1201971	58723831	1.44	0.00006049	1.37	0.01202
4 rs7679673	21 rs4407340	42472814	0.57	0.0007119	1.63	0.044
4 rs7679673	21 rs762418	44435321	0.68	0.0002146	1.03	0.8161
4 rs7679673	21 rs914238	45840089	0.74	0.0006162	0.95	0.6497
4 rs7679673	22 rs5749006	16134904	1.82	0.0004636	1.89	0.02408
4 rs7679673	22 rs5771644	47495666	1.48	0.0004154	0.87	0.3625
4 rs7679673	22 rs131029	47499889	1.64	0.0009947	0.92	0.6791
4 rs7679673	22 rs17178683	47764527	1.67	0.0006361	0.86	0.5407
6 rs9364554	1 rs1980722	4874378	0.71	0.000847	1.00	0.9872
6 rs9364554	1 rs973857	14096672	0.72	0.0008762	1.22	0.1097
6 rs9364554	1 rs16824858	21009684	2.96	0.0003515	1.18	0.6687
6 rs9364554	1 rs11809083	42919148	3.74	0.0002269	1.16	0.7047
6 rs9364554	1 rs941129	53758577	0.70	0.0009107	1.20	0.2045
6 rs9364554	1 rs12733534	60322577	0.62	0.0003772	0.81	0.1884
6 rs9364554	1 rs4131156	71282141	1.54	0.00001287	0.98	0.859
6 rs9364554	1 rs4509530	72885892	0.70	0.0006404	1.04	0.7663
6 rs9364554	1 rs1321690	86671445	0.69	0.0009272	1.10	0.4547
6 rs9364554	1 rs7526687	118993125	1.37	0.0006619	0.89	0.3101
6 rs9364554	1 rs16845082	169608020	0.39	0.0009068	1.26	0.4549
6 rs9364554	1 rs2737668	196797274	0.74	0.000796	1.25	0.0531
6 rs9364554	1 rs12041297	196818081	0.58	0.00003437	1.25	0.1541
6 rs9364554	1 rs4950791	199434010	1.57	0.0007336	1.14	0.4609
6 rs9364554	1 rs11120222	210402531	0.52	0.0004785	1.06	0.8359
6 rs9364554	1 rs17006599	216325160	0.65	0.0001109	0.90	0.4043
6 rs9364554	1 rs12746891	226830344	1.37	0.0005203	0.91	0.4366

6 rs9364554	2 rs2462394	5530018	0.72	0.0002925	0.94	0.5884
6 rs9364554	2 rs2043949	7605263	1.71	0.00002886	0.93	0.6065
6 rs9364554	2 rs4669211	7863252	1.51	0.0007761	1.13	0.3919
6 rs9364554	2 rs11125327	21394699	0.70	0.0009751	0.86	0.2776
6 rs9364554	2 rs12618086	29650653	1.40	0.0008116	0.93	0.58
6 rs9364554	2 rs10182925	29781856	0.43	0.000382	0.61	0.08695
6 rs9364554	2 rs10178620	37655030	0.49	0.0001366	0.90	0.6176
6 rs9364554	2 rs183984	46337298	0.60	0.0001867	0.78	0.1093
6 rs9364554	2 rs10184716	50282033	1.38	0.0007404	0.94	0.6159
6 rs9364554	2 rs17049476	58492433	1.58	0.0002147	1.06	0.6899
6 rs9364554	2 rs17584593	78826492	1.96	0.0005389	1.22	0.4536
6 rs9364554	2 rs7585507	117661796	1.75	0.0009919	1.02	0.9348
6 rs9364554	2 rs11893089	139009722	0.53	0.000706	1.03	0.8948
6 rs9364554	2 rs2163585	140042643	1.37	0.0008545	0.82	0.06917
6 rs9364554	2 rs2509903	158340018	1.60	0.0005738	0.80	0.2268
6 rs9364554	2 rs7587839	170185904	0.48	0.0009695	1.13	0.6207
6 rs9364554	2 rs10930538	172930986	1.38	0.0009252	1.17	0.1806
6 rs9364554	2 rs6759009	187082721	0.66	0.00001228	0.92	0.5044
6 rs9364554	2 rs7559746	226634541	0.69	0.0002678	0.92	0.4878
6 rs9364554	2 rs13396115	233708217	0.71	0.0003715	1.21	0.1157
6 rs9364554	3 rs6794992	1855954	0.71	0.0002819	0.95	0.6438
6 rs9364554	3 rs13093332	2852859	0.70	0.0006542	1.02	0.912
6 rs9364554	3 rs6791694	15922942	0.67	0.0007118	1.09	0.5514
6 rs9364554	3 rs7636380	16077213	1.48	0.00004654	0.98	0.8509
6 rs9364554	3 rs6775678	39738875	1.43	0.0009837	1.07	0.653
6 rs9364554	3 rs9851798	44552617	1.50	0.0001366	0.79	0.08622
6 rs9364554	3 rs6790214	54120944	0.62	0.0005162	1.28	0.1512
6 rs9364554	3 rs3772507	59959395	0.65	0.0005822	0.84	0.2162
6 rs9364554	3 rs1391769	69656092	1.46	0.0002556	0.98	0.8922
6 rs9364554	3 rs6798211	69670985	1.55	0.0005075	0.94	0.6912
6 rs9364554	3 rs12490476	69775191	0.70	0.0008398	0.78	0.03772
6 rs9364554	3 rs6789471	73119312	1.63	0.0004736	0.88	0.4577
6 rs9364554	3 rs1519195	142072711	1.47	0.0005004	1.12	0.4033
6 rs9364554	3 rs4681593	151399719	1.66	0.00008099	1.05	0.7766
6 rs9364554	3 rs13064996	164672556	0.49	0.0003515	1.02	0.934
6 rs9364554	3 rs1881986	176118592	1.54	0.00033	1.10	0.5115
6 rs9364554	3 rs6801807	176150148	1.46	0.0008135	1.31	0.05671
6 rs9364554	3 rs491087	189118868	0.72	0.0008759	1.04	0.7495
6 rs9364554	4 rs1107435	22529821	1.42	0.0007233	0.99	0.9032
6 rs9364554	4 rs1378948	25623144	0.68	0.0006582	1.02	0.8987
6 rs9364554	4 rs17723773	30893646	1.63	0.0003828	0.90	0.4748
6 rs9364554	4 rs17643945	78551289	0.71	0.0005074	1.00	0.998
6 rs9364554	4 rs7671436	85253087	2.50	0.0003625	0.88	0.5658
6 rs9364554	4 rs2446300	90188905	1.52	0.0002209	1.21	0.1746
6 rs9364554	4 rs13130138	102099994	0.73	0.0009449	1.32	0.0277
6 rs9364554	4 rs11098599	122329660	1.40	0.0005016	0.98	0.8725
6 rs9364554	4 rs11099242	134744780	0.66	0.0007107	0.95	0.7395
6 rs9364554	4 rs6848375	149452052	2.12	0.0009025	1.34	0.2556
6 rs9364554	4 rs1852870	160677417	1.39	0.0004029	1.00	0.9835
6 rs9364554	4 rs17297591	175899192	0.72	0.000802	0.96	0.7521
6 rs9364554	5 rs11741881	1885240	0.70	0.0008622	0.83	0.1722
6 rs9364554	5 rs371741	8445393	0.73	0.0009013	0.89	0.3017

6 rs9364554	5 rs182905	8448369	0.62	9.81E-06	0.87	0.2982
6 rs9364554	5 rs1508798	9609694	1.59	0.00006143	0.94	0.6623
6 rs9364554	5 rs27107	14506904	1.51	0.0008601	1.52	0.00828
6 rs9364554	5 rs10461690	30665403	0.68	0.0009719	0.95	0.7485
6 rs9364554	5 rs10057467	30749452	0.66	0.0001954	1.03	0.8662
6 rs9364554	5 rs1039325	30797178	0.70	0.0001879	0.91	0.4155
6 rs9364554	5 rs4704592	71520574	0.65	0.0008659	1.34	0.05452
6 rs9364554	5 rs11956209	71570610	0.57	0.0001952	1.39	0.1013
6 rs9364554	5 rs10454913	73720859	1.38	0.0005398	0.85	0.155
6 rs9364554	5 rs341917	77985321	1.39	0.0007872	1.08	0.4964
6 rs9364554	5 rs152727	78322007	0.66	0.0008563	1.19	0.2619
6 rs9364554	5 rs9885339	115853167	1.52	0.0009239	0.89	0.4511
6 rs9364554	5 rs1029942	148290344	2.01	0.000624	0.54	0.01444
6 rs9364554	5 rs6893678	166264139	0.73	0.000717	1.02	0.8511
6 rs9364554	5 rs17075508	172380368	1.61	0.0005658	0.91	0.5477
6 rs9364554	6 rs13191921	3947847	2.01	0.0005652	0.77	0.2291
6 rs9364554	6 rs793663	24477494	1.36	0.0008937	0.95	0.6502
6 rs9364554	6 rs6911628	30847825	1.42	0.0008998	0.87	0.3224
6 rs9364554	6 rs2257663	35157032	0.73	0.0009356	1.04	0.7226
6 rs9364554	6 rs10484578	35354297	1.41	0.0002763	0.92	0.4992
6 rs9364554	6 rs7765634	78070874	0.42	0.0004163	1.01	0.9643
6 rs9364554	6 rs1483047	78527050	1.50	0.0001549	0.91	0.4263
6 rs9364554	6 rs11756923	123267793	2.14	0.0004651	1.19	0.5264
6 rs9364554	6 rs4532461	129216254	0.74	0.0009014	0.90	0.3101
6 rs9364554	6 rs9388767	130399246	1.42	0.000679	1.01	0.9223
6 rs9364554	6 rs6902235	147356989	1.39	0.0003748	0.87	0.2133
6 rs9364554	6 rs12197503	148466477	0.59	0.0004948	0.75	0.07286
6 rs9364554	7 rs7786556	3707556	0.69	0.0007527	1.15	0.3368
6 rs9364554	7 rs2189437	10495237	1.50	0.0008233	1.06	0.7027
6 rs9364554	7 rs10243441	14602750	1.47	0.0002249	0.70	0.003444
6 rs9364554	7 rs10265841	30004021	1.85	0.000032	1.15	0.4145
6 rs9364554	7 rs1042009	45477211	0.73	0.0009316	1.22	0.1191
6 rs9364554	7 rs10279080	55359141	0.60	0.0008929	0.98	0.9139
6 rs9364554	7 rs6951573	88406486	0.63	0.0007227	0.92	0.5956
6 rs9364554	7 rs12704720	93751054	0.72	0.0005357	1.14	0.2513
6 rs9364554	7 rs1989848	93751533	0.50	0.0001202	0.74	0.1673
6 rs9364554	7 rs962223	97987728	1.46	0.0004807	1.24	0.1106
6 rs9364554	7 rs6465956	103245303	0.61	0.0008096	1.32	0.1393
6 rs9364554	7 rs1421307	132137053	1.47	0.0001597	0.95	0.6459
6 rs9364554	7 rs10267826	132141753	0.68	0.00005633	0.91	0.3819
6 rs9364554	7 rs12534625	136524871	1.42	0.0001786	1.34	0.01465
6 rs9364554	7 rs6973199	137868967	0.59	0.0003589	1.08	0.6681
6 rs9364554	7 rs10235075	139345613	0.36	0.0001691	0.73	0.279
6 rs9364554	8 rs12541726	478249	1.78	0.0005553	0.94	0.7659
6 rs9364554	8 rs1008975	25960681	0.70	0.0001847	1.20	0.1163
6 rs9364554	8 rs2200439	25972991	0.34	0.0005561	1.03	0.925
6 rs9364554	8 rs6557880	25976212	1.46	0.00003918	1.10	0.3855
6 rs9364554	8 rs7018249	27428106	1.54	0.0006391	0.97	0.8531
6 rs9364554	8 rs974555	64522613	1.40	0.0003786	0.95	0.6242
6 rs9364554	8 rs10104207	96536353	0.70	0.0002743	0.89	0.3348
6 rs9364554	8 rs17750399	96665094	0.70	0.0005079	1.04	0.7738
6 rs9364554	8 rs6990385	106211752	1.49	0.0001997	0.97	0.7983

6 rs9364554	8 rs3946441	111442878	0.40	0.0006032	1.06	0.8318
6 rs9364554	8 rs11780880	124668357	0.49	0.000756	1.03	0.9266
6 rs9364554	8 rs16902848	129468914	0.27	0.0000503	0.89	0.7019
6 rs9364554	9 rs668205	9506348	1.38	0.0006194	1.01	0.9401
6 rs9364554	9 rs2803366	9677742	1.71	0.0005385	0.91	0.6336
6 rs9364554	9 rs12336397	32252917	3.47	0.000186	0.96	0.9122
6 rs9364554	9 rs11139400	81602763	0.72	0.0008231	0.91	0.4345
6 rs9364554	9 rs4978557	113715044	1.36	0.0007932	0.97	0.7867
6 rs9364554	9 rs1335405	117072576	2.09	0.0003849	0.88	0.5921
6 rs9364554	10 rs10794843	2079841	1.40	0.0002819	1.01	0.9426
6 rs9364554	10 rs7072496	6648319	1.61	0.000194	1.12	0.4549
6 rs9364554	10 rs7901380	20156892	0.65	0.0008876	0.97	0.8141
6 rs9364554	10 rs16929394	29277691	1.57	0.000937	1.18	0.3192
6 rs9364554	10 rs10826812	30887477	1.44	0.00047	0.91	0.4621
6 rs9364554	10 rs12219561	32037943	2.16	0.0001908	1.07	0.7353
6 rs9364554	10 rs2139783	62731639	0.49	0.0009615	0.78	0.3236
6 rs9364554	10 rs7099208	116644564	1.38	0.0005598	1.18	0.1594
6 rs9364554	10 rs11197150	117039323	1.41	0.0005256	1.16	0.2441
6 rs9364554	10 rs4281410	122620577	0.69	0.0006556	0.85	0.2257
6 rs9364554	10 rs12242677	123839455	2.13	0.0003122	0.58	0.09922
6 rs9364554	10 rs10902905	124968449	0.73	0.0005452	0.95	0.6603
6 rs9364554	10 rs12783736	129161697	0.60	0.00006571	1.05	0.7726
6 rs9364554	10 rs11018141	129167541	0.67	0.0001541	0.99	0.965
6 rs9364554	11 rs10769959	8775409	0.71	0.0004848	1.18	0.1675
6 rs9364554	11 rs7938228	20297643	1.60	0.0002933	1.07	0.6621
6 rs9364554	11 rs2863167	45186066	0.66	0.0009985	1.03	0.8448
6 rs9364554	11 rs11237214	70222569	1.90	0.0005048	1.53	0.118
6 rs9364554	11 rs11215486	114695202	0.62	0.0005361	1.12	0.5585
6 rs9364554	11 rs10893663	126660197	0.48	0.00006139	1.04	0.8682
6 rs9364554	12 rs4765785	4769856	0.40	0.0006285	1.01	0.9831
6 rs9364554	12 rs10840849	8199235	1.44	0.0001611	0.98	0.8951
6 rs9364554	12 rs2406681	41195131	1.38	0.000636	0.96	0.7386
6 rs9364554	12 rs3896087	41901539	0.66	0.0004041	0.92	0.5558
6 rs9364554	12 rs2169293	73105108	0.53	0.0003845	1.21	0.3803
6 rs9364554	12 rs725446	74432941	1.55	0.0004403	0.83	0.2116
6 rs9364554	12 rs7957728	92788024	1.41	0.0008051	0.95	0.6601
6 rs9364554	12 rs11609104	98605750	0.63	0.00002134	0.97	0.8274
6 rs9364554	12 rs17041551	104558499	2.43	0.000232	0.77	0.338
6 rs9364554	12 rs11113909	107376753	0.54	7.51E-06	1.20	0.2885
6 rs9364554	12 rs17040655	107421633	0.55	0.0006163	1.26	0.2869
6 rs9364554	12 rs2727683	118112295	1.45	0.000428	1.32	0.02988
6 rs9364554	12 rs7304281	125470574	1.59	0.000567	0.78	0.07072
6 rs9364554	13 rs3818424	35118292	0.70	0.0003952	0.86	0.223
6 rs9364554	13 rs12050013	37552219	0.49	0.00006381	1.20	0.4925
6 rs9364554	13 rs1924181	37666892	0.71	0.0006382	0.93	0.5371
6 rs9364554	13 rs7981919	39741099	0.68	0.0005166	1.04	0.7995
6 rs9364554	13 rs9562607	45067040	0.54	0.00005323	1.08	0.702
6 rs9364554	13 rs9316557	51287744	0.70	0.0009257	1.07	0.6476
6 rs9364554	13 rs7326342	53332502	2.09	0.000885	1.27	0.4034
6 rs9364554	13 rs1370949	68378942	1.48	0.0004377	0.91	0.4722
6 rs9364554	13 rs4417446	80951101	0.72	0.0008743	0.79	0.05926
6 rs9364554	13 rs4335682	81024756	0.72	0.0004103	0.91	0.3879

6 rs9364554	13 rs1930911	81146268	0.71	0.0003977	0.95	0.6416
6 rs9364554	13 rs9645893	98241235	0.33	0.0009072	0.99	0.9738
6 rs9364554	14 rs4983267	27239207	0.60	0.0001126	1.18	0.2933
6 rs9364554	14 rs11623436	36115243	1.40	0.0003452	1.16	0.2231
6 rs9364554	14 rs891751	88086770	2.34	0.0001461	0.82	0.5776
6 rs9364554	14 rs6119	94123765	1.68	0.0005083	0.94	0.7358
6 rs9364554	14 rs10147672	104552231	1.44	0.0003603	0.88	0.3151
6 rs9364554	15 rs2572181	31560426	1.41	0.0002314	1.02	0.8366
6 rs9364554	15 rs16972706	79144802	1.76	0.0006738	1.21	0.365
6 rs9364554	15 rs2867054	79149436	1.61	0.0001538	1.24	0.1558
6 rs9364554	15 rs11639051	99810521	0.72	0.0009999	1.04	0.7283
6 rs9364554	16 rs12447389	10112251	0.65	0.0000946	0.91	0.528
6 rs9364554	16 rs11075141	12644378	2.00	0.0003587	1.26	0.4094
6 rs9364554	16 rs183204	24048560	1.39	0.0008474	0.91	0.4341
6 rs9364554	16 rs205153	25513300	0.66	0.0001483	0.99	0.94
6 rs9364554	16 rs1381447	50280809	1.49	0.0007546	1.14	0.4005
6 rs9364554	16 rs1816594	54047409	1.54	0.0002795	0.95	0.6923
6 rs9364554	16 rs8059967	57255335	1.61	0.0005554	1.00	0.9954
6 rs9364554	16 rs8045775	57425356	0.70	0.0001894	0.95	0.6424
6 rs9364554	16 rs2052866	74906498	0.71	0.0006181	1.03	0.8059
6 rs9364554	16 rs4888984	78066835	0.63	0.0001992	0.87	0.3638
6 rs9364554	17 rs2046237	30510304	1.58	0.0007076	0.89	0.4851
6 rs9364554	17 rs12940887	44757806	0.70	0.0004024	0.95	0.6421
6 rs9364554	17 rs12453125	55400858	0.70	0.0001227	0.87	0.2206
6 rs9364554	17 rs536009	64785477	0.59	0.0001136	0.96	0.7985
6 rs9364554	18 rs2346918	2434569	0.52	0.0002353	1.15	0.5545
6 rs9364554	18 rs3850788	4403203	3.09	0.0008044	1.06	0.8627
6 rs9364554	18 rs7226645	23705037	0.66	0.0005709	0.95	0.6985
6 rs9364554	18 rs1786967	33623387	0.64	0.0001074	1.00	0.9924
6 rs9364554	18 rs8097311	38414422	2.30	0.000985	1.10	0.7975
6 rs9364554	18 rs1352516	44151658	1.46	0.0005063	1.28	0.07635
6 rs9364554	18 rs10502900	45449878	0.70	0.0004637	0.91	0.4505
6 rs9364554	18 rs2469478	45905535	1.63	0.0003978	0.98	0.8967
6 rs9364554	18 rs2862712	52003299	1.52	0.0002526	1.02	0.9072
6 rs9364554	18 rs7233420	56724131	0.45	0.00008735	0.85	0.4446
6 rs9364554	18 rs10503048	56747418	0.46	0.0001854	0.60	0.04337
6 rs9364554	19 rs2304237	10307568	0.69	0.0009149	1.02	0.8891
6 rs9364554	19 rs4802624	54981760	1.74	0.0004893	1.13	0.5489
6 rs9364554	20 rs6055437	7911891	0.69	0.0002673	0.98	0.8969
6 rs9364554	20 rs6055491	7966608	0.61	0.00005935	0.92	0.5268
6 rs9364554	20 rs6114868	24709192	1.73	0.0006837	0.85	0.4006
6 rs9364554	20 rs4142034	33106917	0.71	0.000972	1.04	0.749
6 rs9364554	20 rs1883702	38810695	1.39	0.0009312	1.09	0.5092
6 rs9364554	20 rs6017279	42235385	0.63	0.000697	0.77	0.1021
6 rs9364554	20 rs754743	46274356	1.37	0.0006611	0.88	0.2502
6 rs9364554	21 rs128647	26265038	0.34	0.0005955	0.82	0.435
6 rs9364554	21 rs2837715	40875076	2.30	0.00009089	1.13	0.6664
6 rs9364554	21 rs9647235	44923001	0.72	0.0003227	0.93	0.5178
6 rs9364554	22 rs11703122	37556038	0.72	0.0003897	1.05	0.683
6 rs9364554	22 rs5769941	47863082	1.56	0.0002116	1.20	0.2173
7 rs10486567	1 rs1849943	4559689	0.62	0.0002311	0.94	0.7139
7 rs10486567	1 rs6675934	11986671	0.62	0.0005814	0.90	0.5687

7 rs10486567	1 rs6696295	17460170	0.67	0.0009355	1.39	0.06036
7 rs10486567	1 rs3748744	19701552	1.80	0.0007434	0.91	0.6604
7 rs10486567	1 rs672429	43292737	1.43	0.0007073	1.04	0.7633
7 rs10486567	1 rs12407460	66842551	0.48	0.0004931	1.63	0.1223
7 rs10486567	1 rs1377733	77531764	0.67	0.0003766	1.09	0.5069
7 rs10486567	1 rs4644449	80277362	0.70	0.0009132	0.79	0.1195
7 rs10486567	1 rs17486685	80376233	0.71	0.0008937	1.12	0.3819
7 rs10486567	1 rs12037195	80379033	1.42	0.0007635	0.92	0.4952
7 rs10486567	1 rs962249	82273580	1.43	0.0008264	1.00	0.9866
7 rs10486567	1 rs17131041	90585849	0.50	0.0007417	0.89	0.6922
7 rs10486567	1 rs3843305	90955397	1.45	0.0002965	0.89	0.3417
7 rs10486567	1 rs12723762	113867705	0.35	0.0008314	0.87	0.7542
7 rs10486567	1 rs971173	114159956	0.69	0.0009046	0.93	0.6363
7 rs10486567	1 rs1930127	149593350	0.70	0.0009229	1.15	0.2852
7 rs10486567	1 rs4040747	151139352	1.71	0.0006187	1.19	0.3938
7 rs10486567	1 rs6427631	151183093	1.51	0.0006376	0.76	0.05531
7 rs10486567	1 rs3790455	153269374	0.66	0.0001103	0.86	0.2623
7 rs10486567	1 rs7536062	162155534	0.70	0.0007866	1.02	0.8732
7 rs10486567	1 rs199916	178367611	0.58	0.0005147	0.88	0.5059
7 rs10486567	1 rs16860727	179973438	0.60	0.0008778	1.70	0.01484
7 rs10486567	1 rs10800846	186774337	0.69	0.0004868	1.02	0.86
7 rs10486567	1 rs12562873	211082693	0.63	0.0008394	1.24	0.2487
7 rs10486567	1 rs2807645	211141913	0.68	0.0008921	1.27	0.1273
7 rs10486567	1 rs2378438	217761724	1.66	0.0006455	1.12	0.5695
7 rs10486567	1 rs12136196	218101157	0.69	0.0008071	0.81	0.1153
7 rs10486567	1 rs1254206	232694749	0.70	0.0006909	1.13	0.3452
7 rs10486567	1 rs1405628	232733506	0.66	0.0004612	1.07	0.6336
7 rs10486567	1 rs600988	232842710	0.66	0.0007274	1.12	0.41
7 rs10486567	2 rs11683808	17720916	0.70	0.0005639	0.86	0.2676
7 rs10486567	2 rs1550116	24934249	1.73	0.000249	1.40	0.1035
7 rs10486567	2 rs1104869	29366352	0.42	2.86E-06	0.90	0.6411
7 rs10486567	2 rs1447191	30794862	1.46	0.0005373	0.93	0.5719
7 rs10486567	2 rs4670073	34271817	0.58	0.0009061	0.98	0.926
7 rs10486567	2 rs13001001	36908231	0.63	0.00002208	0.85	0.2463
7 rs10486567	2 rs10495952	48499392	0.58	0.0007779	0.99	0.9328
7 rs10486567	2 rs1861145	59432695	1.43	0.0007167	1.13	0.335
7 rs10486567	2 rs11679178	59459706	0.61	0.0002589	0.79	0.1667
7 rs10486567	2 rs2422008	63692256	0.68	0.0001888	0.71	0.00873
7 rs10486567	2 rs6759372	64337600	1.46	0.0004913	1.21	0.1619
7 rs10486567	2 rs1019685	64372769	1.49	0.0003085	0.94	0.6444
7 rs10486567	2 rs17034884	68190694	1.67	0.000376	1.36	0.1055
7 rs10486567	2 rs828868	74236159	1.43	0.0006737	1.06	0.6797
7 rs10486567	2 rs4851783	105584618	1.55	0.0009703	1.26	0.1315
7 rs10486567	2 rs13010814	113042733	0.62	0.0006553	0.71	0.03424
7 rs10486567	2 rs1465859	119351818	0.44	0.0007556	0.72	0.307
7 rs10486567	2 rs6737746	125026569	0.48	0.0008901	1.12	0.7332
7 rs10486567	2 rs1564935	134681250	0.68	0.0002581	1.01	0.9451
7 rs10486567	2 rs6740528	145669489	1.79	0.0008666	1.60	0.08373
7 rs10486567	2 rs10192718	206687521	0.70	0.0009102	1.00	0.9931
7 rs10486567	2 rs13010892	212432935	1.49	0.0001774	0.92	0.5609
7 rs10486567	2 rs7593642	233508227	1.94	0.0009799	1.43	0.2104
7 rs10486567	2 rs13001532	238323556	0.65	0.0009282	1.42	0.03331

7 rs10486567	3 rs9835517	1276789	0.63	0.0005512	1.06	0.7074
7 rs10486567	3 rs732096	11868950	1.49	0.0003931	0.95	0.7077
7 rs10486567	3 rs1626875	25568131	0.62	0.0007987	0.85	0.3918
7 rs10486567	3 rs9861677	29472993	0.70	0.000608	1.04	0.7535
7 rs10486567	3 rs3773086	29582295	1.92	0.0009266	1.07	0.7926
7 rs10486567	3 rs6550242	33988128	0.69	0.0004804	1.09	0.5469
7 rs10486567	3 rs645567	39473515	0.71	0.000698	0.93	0.5956
7 rs10486567	3 rs17079910	48032151	2.41	0.0005766	1.08	0.8102
7 rs10486567	3 rs6772485	55582777	1.55	0.0009284	0.78	0.1775
7 rs10486567	3 rs1497531	99544161	0.58	0.0009727	0.95	0.7746
7 rs10486567	3 rs6803269	104641460	0.70	0.0004662	1.11	0.4447
7 rs10486567	3 rs6764854	110056473	0.69	0.0004958	0.99	0.9441
7 rs10486567	3 rs9874508	127385115	1.43	0.0004775	0.88	0.3251
7 rs10486567	3 rs12497351	130836257	0.47	0.0005705	1.08	0.7359
7 rs10486567	3 rs6785365	134745143	0.70	0.0008981	1.15	0.3217
7 rs10486567	3 rs1525892	134967410	1.45	0.0006239	1.07	0.6343
7 rs10486567	3 rs12631065	154631988	0.64	0.0001439	0.92	0.5904
7 rs10486567	3 rs7652639	154665896	1.52	0.00005805	0.98	0.8499
7 rs10486567	4 rs1364838	20866460	1.97	0.0001858	0.83	0.3864
7 rs10486567	4 rs10006010	31003088	1.56	0.00005026	1.29	0.07303
7 rs10486567	4 rs6844409	31070726	0.59	0.0005136	0.79	0.2204
7 rs10486567	4 rs2346655	63742489	3.39	0.00004036	0.79	0.4618
7 rs10486567	4 rs1365496	101082078	0.67	0.0002273	1.35	0.03455
7 rs10486567	4 rs13146022	114426435	1.54	0.00024	1.31	0.07415
7 rs10486567	4 rs6534307	122931161	1.63	0.000965	1.18	0.4068
7 rs10486567	4 rs6855512	122937187	0.71	0.0006284	1.03	0.8065
7 rs10486567	4 rs13141761	146546486	1.42	0.0007445	0.83	0.1603
7 rs10486567	4 rs1514014	157267349	1.51	0.0002887	0.93	0.5854
7 rs10486567	4 rs17073657	183928062	0.23	0.0000274	1.15	0.7244
7 rs10486567	5 rs658910	32507133	1.49	0.0006383	0.79	0.1163
7 rs10486567	5 rs12332617	57608312	2.53	0.0005988	1.78	0.1434
7 rs10486567	5 rs300248	73914951	1.49	0.000691	0.93	0.6114
7 rs10486567	5 rs9632417	76892794	3.37	0.0004416	0.59	0.1589
7 rs10486567	5 rs16878204	80203761	1.98	0.0004972	1.58	0.05421
7 rs10486567	5 rs33003	80206890	1.45	0.0007851	0.92	0.5849
7 rs10486567	5 rs320667	103156317	1.42	0.0008981	1.05	0.7335
7 rs10486567	5 rs331068	127777197	1.48	0.0001642	1.12	0.395
7 rs10486567	5 rs9327528	128918675	1.53	0.0005775	0.91	0.5312
7 rs10486567	5 rs2916638	136631654	0.68	0.0004508	1.06	0.6508
7 rs10486567	5 rs6866397	155624502	1.86	0.0002911	0.77	0.1946
7 rs10486567	5 rs1037786	160988154	0.66	0.0007441	1.36	0.0742
7 rs10486567	5 rs11134938	175226111	1.47	0.0003325	0.82	0.1434
7 rs10486567	6 rs1246933	4904789	0.39	0.0009947	0.85	0.6608
7 rs10486567	6 rs573788	10853068	1.42	0.0007559	0.85	0.2065
7 rs10486567	6 rs7775506	21837941	1.52	0.00006242	1.04	0.7893
7 rs10486567	6 rs1265075	31221092	0.48	0.0005981	1.36	0.1052
7 rs10486567	6 rs2074489	31348107	0.67	0.0009782	1.25	0.1292
7 rs10486567	6 rs2475491	40081258	1.70	0.0006624	1.03	0.8752
7 rs10486567	6 rs9296362	41460396	1.81	0.0003248	1.00	0.9911
7 rs10486567	6 rs9464069	54364639	0.65	0.0009499	0.95	0.7576
7 rs10486567	6 rs11963855	93836552	2.04	0.0001177	1.02	0.9347
7 rs10486567	6 rs12663926	96683549	0.63	0.0009299	0.78	0.2033

7 rs10486567	6 rs12197003	130553829	0.67	0.0009255	1.07	0.6295
7 rs10486567	6 rs17802869	132937171	0.61	0.0006376	1.02	0.9069
7 rs10486567	6 rs11155599	149177507	1.49	0.0008828	0.93	0.6057
7 rs10486567	6 rs554159	163508378	0.66	0.0004407	0.83	0.1981
7 rs10486567	6 rs9356465	166660099	0.70	0.0009328	0.96	0.7424
7 rs10486567	6 rs12202785	167027874	0.62	0.000958	1.08	0.6354
7 rs10486567	6 rs6913256	169000066	1.42	0.0008085	0.96	0.7543
7 rs10486567	7 rs17134834	4277417	0.22	0.000152	0.87	0.6106
7 rs10486567	7 rs12702671	7716635	1.45	0.000617	0.83	0.1409
7 rs10486567	7 rs10271419	10632892	0.67	0.0006454	0.93	0.6084
7 rs10486567	7 rs492187	16381891	1.41	0.0008189	1.25	0.0921
7 rs10486567	7 rs7785730	27869439	1.50	0.0005078	1.10	0.498
7 rs10486567	7 rs6973569	34396264	1.57	0.0004695	1.01	0.9435
7 rs10486567	7 rs17260962	37221961	1.57	0.0006617	1.46	0.0185
7 rs10486567	7 rs3778887	38206107	2.14	0.0001597	1.34	0.3766
7 rs10486567	7 rs12718168	49089964	1.45	0.0004678	1.06	0.6866
7 rs10486567	7 rs6975920	51530686	0.61	0.0008061	1.26	0.2248
7 rs10486567	7 rs12698946	69745997	1.59	0.0004038	1.28	0.1763
7 rs10486567	7 rs12705596	108700334	1.53	0.0007862	0.83	0.2431
7 rs10486567	7 rs2040587	114269474	1.44	0.0007036	1.17	0.2591
7 rs10486567	7 rs1357939	144141618	0.64	0.0001548	0.74	0.04553
7 rs10486567	7 rs17236183	147019637	0.67	0.0002974	1.29	0.06734
7 rs10486567	8 rs2301963	1501416	0.65	0.00003228	1.18	0.2106
7 rs10486567	8 rs1353319	15382260	1.59	0.0004746	0.94	0.6909
7 rs10486567	8 rs6557885	26048599	0.63	0.0005384	1.13	0.4829
7 rs10486567	8 rs17315018	53361642	0.62	0.0005716	0.83	0.3029
7 rs10486567	8 rs2975955	56550047	1.47	0.0005294	1.07	0.6524
7 rs10486567	8 rs7822965	72192169	1.99	0.000153	0.88	0.6437
7 rs10486567	8 rs7017008	72598755	1.41	0.000919	1.00	0.9751
7 rs10486567	8 rs1424874	72606648	0.64	0.0009625	0.81	0.1726
7 rs10486567	8 rs971147	87790676	0.63	0.0002276	1.12	0.4281
7 rs10486567	8 rs16917870	87879587	0.59	0.0005034	1.16	0.4415
7 rs10486567	8 rs7011543	125844159	1.41	0.0007171	1.00	0.9836
7 rs10486567	8 rs7357375	126172002	1.89	1.60E-06	1.44	0.08424
7 rs10486567	8 rs4871570	126187341	1.87	0.0004376	1.40	0.1824
7 rs10486567	8 rs7815170	139602640	0.43	0.0006198	1.79	0.07787
7 rs10486567	9 rs10964697	20775099	1.47	0.0002995	1.09	0.5548
7 rs10486567	9 rs1032473	28783393	1.79	0.00007049	0.89	0.4903
7 rs10486567	9 rs2309741	70403235	1.41	0.000849	0.92	0.5613
7 rs10486567	9 rs12378119	76285557	0.63	0.000655	0.93	0.6816
7 rs10486567	9 rs11137770	78462425	0.61	0.00003055	0.88	0.413
7 rs10486567	9 rs11138252	79316665	1.70	0.000514	1.10	0.5725
7 rs10486567	9 rs11793319	84096469	2.27	0.0001229	1.12	0.6405
7 rs10486567	9 rs17814060	111096227	0.60	0.0009042	1.03	0.8604
7 rs10486567	9 rs4458937	117719782	1.47	0.0003282	1.01	0.9428
7 rs10486567	9 rs12551571	121446457	0.68	0.0006972	1.02	0.8975
7 rs10486567	9 rs1078052	131755940	2.85	0.0004705	0.90	0.7784
7 rs10486567	10 rs7080557	1897280	2.03	0.0001088	0.78	0.2552
7 rs10486567	10 rs867354	26735756	0.70	0.0009955	1.23	0.1138
7 rs10486567	10 rs789921	29670222	1.44	0.0006787	0.85	0.2411
7 rs10486567	10 rs1774933	29678005	0.61	6.88E-06	1.19	0.201
7 rs10486567	10 rs10826834	30976220	0.51	0.0007431	0.76	0.2466

7 rs10486567	10 rs9418078	34077361	1.86	0.0002543	0.81	0.3189
7 rs10486567	10 rs12267015	45043213	2.69	0.0005539	0.89	0.7517
7 rs10486567	10 rs4084894	85574756	1.64	0.0000313	0.97	0.8447
7 rs10486567	10 rs17521564	96624300	0.60	0.0002571	0.73	0.05782
7 rs10486567	10 rs11194726	111323910	0.67	0.0007789	0.82	0.1876
7 rs10486567	10 rs7901239	128063217	1.42	0.0009797	1.07	0.6525
7 rs10486567	10 rs4751521	129486305	0.60	0.0004864	1.04	0.8287
7 rs10486567	11 rs7396889	9051084	0.55	0.0009928	0.91	0.6574
7 rs10486567	11 rs446760	9782499	0.50	0.0005093	1.12	0.6439
7 rs10486567	11 rs11022039	11770641	1.41	0.000965	0.83	0.1365
7 rs10486567	11 rs10765911	11912756	0.70	0.0008031	1.02	0.869
7 rs10486567	11 rs10766249	15368232	0.66	0.0004091	0.84	0.2428
7 rs10486567	11 rs3802970	17777758	0.66	0.0002574	1.11	0.4633
7 rs10486567	11 rs12577018	21020898	0.57	0.0009104	1.45	0.0812
7 rs10486567	11 rs1463327	21231743	0.56	0.0006155	0.75	0.1864
7 rs10486567	11 rs10835702	30644759	1.57	0.0008139	1.09	0.6017
7 rs10486567	11 rs4755794	44224233	0.62	0.0003667	0.85	0.3833
7 rs10486567	11 rs11039024	46879744	0.60	0.0006854	1.03	0.895
7 rs10486567	11 rs518385	56301321	1.40	0.000812	1.33	0.03097
7 rs10486567	11 rs1939820	105411569	0.59	0.0006709	1.09	0.6441
7 rs10486567	11 rs1056562	117630835	0.71	0.0007789	0.98	0.8464
7 rs10486567	11 rs11601839	123521934	1.97	0.00004935	0.90	0.6059
7 rs10486567	12 rs7312997	19573151	0.55	0.0007018	0.86	0.4601
7 rs10486567	12 rs12172778	24913513	1.96	0.0008262	0.66	0.06019
7 rs10486567	12 rs1917657	45801408	0.68	0.0004978	1.16	0.3095
7 rs10486567	12 rs1371075	89065988	0.53	0.0004575	1.17	0.5744
7 rs10486567	12 rs1847461	89579976	2.67	0.00003166	1.35	0.3851
7 rs10486567	12 rs12424591	119570865	0.39	0.000106	1.44	0.1643
7 rs10486567	13 rs4770253	21699653	0.66	0.0008846	1.23	0.1637
7 rs10486567	13 rs7318796	23013563	0.45	0.0002879	1.28	0.3782
7 rs10486567	13 rs9580678	23021517	0.63	0.0007921	1.01	0.9701
7 rs10486567	13 rs17067085	45179187	1.61	0.0009571	1.02	0.896
7 rs10486567	13 rs3812855	69580924	0.66	0.0004574	0.92	0.5939
7 rs10486567	13 rs9514047	102173710	0.64	0.00001971	1.44	0.005042
7 rs10486567	13 rs1434348	103981567	0.70	0.0009937	0.97	0.8198
7 rs10486567	13 rs9519416	104070053	0.71	0.0008325	1.19	0.1935
7 rs10486567	13 rs9583520	110099883	1.66	0.0008913	0.87	0.5305
7 rs10486567	14 rs8018458	43447643	0.60	0.000585	1.09	0.6444
7 rs10486567	14 rs2792573	47745307	0.46	0.0004402	0.92	0.7546
7 rs10486567	14 rs12435655	62315720	1.44	0.0005489	0.75	0.03265
7 rs10486567	14 rs10146172	74112091	2.43	0.0004505	0.93	0.8355
7 rs10486567	14 rs996211	79682157	1.47	0.0004932	1.00	0.9997
7 rs10486567	14 rs17122990	86645925	0.49	0.0002603	0.85	0.5249
7 rs10486567	14 rs6575234	91775559	1.57	0.0007492	1.00	0.9945
7 rs10486567	15 rs7164661	35340940	0.70	0.0009194	0.97	0.8069
7 rs10486567	15 rs11071562	58936508	0.44	0.0008551	1.16	0.6357
7 rs10486567	15 rs9652490	75750942	0.64	0.0004076	0.95	0.7566
7 rs10486567	15 rs1552922	81966115	1.46	0.000449	1.31	0.04673
7 rs10486567	16 rs2908668	5013774	1.56	0.0009937	1.04	0.8007
7 rs10486567	16 rs8044011	12793162	1.59	0.0005337	0.91	0.5755
7 rs10486567	16 rs2283524	22748993	1.68	0.0004376	1.24	0.2773
7 rs10486567	16 rs2726045	26806567	1.47	0.0004379	0.90	0.4468

7 rs10486567	16 rs8044769	52396636	1.42	0.0005798	1.02	0.8762
7 rs10486567	16 rs2667609	77106075	2.31	0.0004515	0.48	0.02658
7 rs10486567	16 rs12923299	83642896	1.48	0.0005687	1.05	0.7513
7 rs10486567	17 rs17808525	8584001	3.92	0.0007822	0.64	0.3025
7 rs10486567	17 rs9902605	29592153	2.43	0.0000141	1.08	0.735
7 rs10486567	17 rs10515155	53836943	0.60	0.0001263	0.75	0.06506
7 rs10486567	17 rs8079527	61945723	1.48	0.0008376	0.84	0.179
7 rs10486567	17 rs11077600	67858412	0.71	0.000874	0.73	0.0138
7 rs10486567	17 rs11077612	68063427	0.68	0.0001613	1.03	0.8372
7 rs10486567	17 rs6501775	70822168	0.37	0.0007925	0.59	0.09512
7 rs10486567	18 rs462857	11297648	0.48	0.0001758	1.22	0.3584
7 rs10486567	18 rs6507460	18886005	0.67	0.0008891	1.04	0.808
7 rs10486567	18 rs1313578	26831745	1.49	0.0005104	1.21	0.2098
7 rs10486567	18 rs17751362	52837203	0.70	0.0009131	0.85	0.2602
7 rs10486567	18 rs17077078	63133295	2.07	0.0004082	1.41	0.1704
7 rs10486567	19 rs3948683	5275831	1.49	0.0001338	0.83	0.1579
7 rs10486567	19 rs10406209	8935265	1.46	0.0006764	1.01	0.9687
7 rs10486567	19 rs3786576	16054337	0.71	0.0009648	0.96	0.7884
7 rs10486567	19 rs12151190	23750132	0.67	0.0002021	1.19	0.184
7 rs10486567	19 rs2195948	35600426	0.70	0.0005575	1.17	0.2447
7 rs10486567	20 rs6055959	8562681	1.46	0.0005312	0.89	0.3971
7 rs10486567	20 rs2244284	24696432	0.70	0.0003123	0.93	0.5939
7 rs10486567	20 rs6058149	33018149	0.68	0.0007299	1.28	0.08522
7 rs10486567	20 rs4812553	39971506	0.52	0.0001313	0.89	0.5391
7 rs10486567	20 rs4810994	48005080	0.67	0.00009549	0.81	0.105
7 rs10486567	21 rs11702798	27695980	0.39	0.0002412	0.83	0.5535
7 rs10486567	21 rs12152040	40990938	1.77	0.0001279	1.13	0.5549
7 rs6465657	1 rs8019	10300753	1.34	0.0009412	1.17	0.133
7 rs6465657	1 rs12402967	10552190	1.41	0.0003005	0.99	0.949
7 rs6465657	1 rs12564154	14534841	0.66	0.000683	1.13	0.4623
7 rs6465657	1 rs4310409	18290146	1.38	0.0002843	0.95	0.6232
7 rs6465657	1 rs11563	25578999	1.32	0.0007141	1.05	0.6241
7 rs6465657	1 rs16832301	44996809	0.69	0.0007525	0.81	0.08073
7 rs6465657	1 rs17265671	61561283	1.69	0.0002079	0.93	0.6921
7 rs6465657	1 rs499870	65231818	0.41	0.0003908	0.83	0.556
7 rs6465657	1 rs10889777	68711260	1.51	0.000527	1.16	0.2873
7 rs6465657	1 rs347026	91330417	1.31	0.0009594	1.01	0.8928
7 rs6465657	1 rs2798445	118841856	0.73	0.0003273	0.93	0.4953
7 rs6465657	1 rs6670563	153756485	1.47	0.0006849	1.05	0.7422
7 rs6465657	1 rs7516582	161668634	0.31	0.0001537	0.97	0.9274
7 rs6465657	1 rs1933090	165300569	0.71	0.000847	0.86	0.2289
7 rs6465657	1 rs2038043	168237269	0.63	0.0001959	0.81	0.1296
7 rs6465657	1 rs4650	180628618	1.33	0.0008882	0.83	0.0802
7 rs6465657	1 rs1321676	182449769	3.13	0.0008106	1.03	0.9109
7 rs6465657	1 rs17649943	191773362	1.48	0.0002367	0.92	0.5101
7 rs6465657	1 rs6604563	214364225	0.70	0.0004586	1.13	0.4145
7 rs6465657	1 rs12691537	234068562	1.35	0.0009188	0.96	0.7472
7 rs6465657	1 rs528486	241890664	1.34	0.000616	1.04	0.6805
7 rs6465657	1 rs6664332	244454970	0.74	0.000792	1.08	0.4674
7 rs6465657	2 rs1850133	14453440	1.48	0.00003316	0.77	0.02095
7 rs6465657	2 rs4416191	14529614	1.46	0.00001809	0.88	0.2334
7 rs6465657	2 rs10929915	14602486	1.35	0.0003515	0.85	0.1035

7 rs6465657	2 rs4668441	15332929	0.67	0.0002431	0.99	0.9143
7 rs6465657	2 rs7606345	15785637	1.43	0.0002682	0.75	0.008586
7 rs6465657	2 rs6723770	16717294	1.34	0.0004863	1.15	0.1747
7 rs6465657	2 rs13029602	29486526	1.34	0.0005031	0.98	0.8346
7 rs6465657	2 rs2160337	36876402	0.73	0.000669	1.03	0.8007
7 rs6465657	2 rs2134056	47984768	1.57	0.00005968	1.11	0.4041
7 rs6465657	2 rs4672233	58407927	0.76	0.0008125	1.09	0.4199
7 rs6465657	2 rs13382983	60700704	0.68	0.00009671	0.94	0.6256
7 rs6465657	2 rs11125845	60749168	0.61	0.0005031	1.11	0.4906
7 rs6465657	2 rs17017372	112179283	0.45	0.0001314	1.12	0.6544
7 rs6465657	2 rs6712572	113236909	1.38	0.000175	1.25	0.03901
7 rs6465657	2 rs10194921	148254165	0.53	0.0009371	1.01	0.9701
7 rs6465657	2 rs12987503	161577028	2.25	0.0007716	1.77	0.01401
7 rs6465657	2 rs17426142	171113217	1.36	0.0002318	0.99	0.9517
7 rs6465657	2 rs13024531	180155089	1.41	0.0007156	1.10	0.4233
7 rs6465657	2 rs1517710	180162089	1.63	0.0001444	1.39	0.05301
7 rs6465657	2 rs11904349	180312936	0.76	0.0008777	0.91	0.3812
7 rs6465657	2 rs10196293	180387968	0.67	0.0005401	1.09	0.5304
7 rs6465657	2 rs6712217	188326436	0.69	0.0005461	1.04	0.7779
7 rs6465657	2 rs12620820	188616390	0.45	0.0003137	1.10	0.7392
7 rs6465657	2 rs13000891	200917200	0.66	0.0002249	1.05	0.7246
7 rs6465657	2 rs2715907	201359642	1.33	0.0007998	1.11	0.3218
7 rs6465657	2 rs719126	201843336	0.40	0.0002234	1.56	0.09163
7 rs6465657	2 rs6714237	237851348	1.91	0.0001248	1.27	0.3081
7 rs6465657	3 rs17043306	5703839	1.51	0.0005871	1.24	0.1405
7 rs6465657	3 rs6442171	10479602	0.40	0.0004049	0.53	0.03112
7 rs6465657	3 rs1865614	25557572	2.38	0.000706	1.00	0.9926
7 rs6465657	3 rs11707031	59868985	0.72	0.0001108	1.11	0.3062
7 rs6465657	3 rs10934011	111272260	0.71	0.000677	1.12	0.3683
7 rs6465657	3 rs6774120	140964048	2.06	0.0002905	0.94	0.8147
7 rs6465657	3 rs1527237	145712894	0.74	0.0003065	0.89	0.2354
7 rs6465657	3 rs11706517	165369493	0.58	0.0007518	0.70	0.1312
7 rs6465657	3 rs9810728	177913825	1.77	0.000112	1.22	0.3244
7 rs6465657	3 rs12489992	181147627	1.41	0.0004413	1.09	0.442
7 rs6465657	4 rs2127853	34997815	0.71	0.0008903	0.81	0.1184
7 rs6465657	4 rs1949201	67129766	1.59	0.0004627	1.23	0.1638
7 rs6465657	4 rs11726899	69826769	1.65	0.0006238	0.77	0.124
7 rs6465657	4 rs1399244	71246116	1.34	0.0006891	1.09	0.4364
7 rs6465657	4 rs937719	90566901	0.75	0.0007839	1.25	0.03809
7 rs6465657	4 rs1493122	109222255	1.40	0.0007653	0.85	0.1617
7 rs6465657	4 rs1396757	131658641	0.47	0.0004351	0.79	0.4251
7 rs6465657	4 rs7670848	141350236	1.35	0.0008998	1.17	0.1314
7 rs6465657	4 rs10025949	164338426	0.52	0.0002105	1.43	0.06525
7 rs6465657	4 rs2546582	181754656	1.47	0.0007268	1.25	0.09082
7 rs6465657	5 rs17614326	16940346	0.36	0.0008145	0.66	0.191
7 rs6465657	5 rs2933870	24852645	0.72	0.0005409	1.03	0.7881
7 rs6465657	5 rs2707767	66799348	1.39	0.0004515	0.96	0.7218
7 rs6465657	5 rs2860531	73818739	0.70	0.0001157	1.31	0.01414
7 rs6465657	5 rs7706501	122783375	1.40	0.00007181	0.95	0.5899
7 rs6465657	5 rs17700949	133102377	1.36	0.0003641	1.24	0.04343
7 rs6465657	5 rs10059472	172946882	0.74	0.0006329	0.91	0.3498
7 rs6465657	6 rs10080391	4857440	2.15	0.0009747	0.85	0.5581

7 rs6465657	6 rs2327036	8156190	0.67	0.00001063	1.07	0.5273
7 rs6465657	6 rs6935000	10281599	1.33	0.000653	1.02	0.8516
7 rs6465657	6 rs6917645	23296935	0.52	0.0009422	0.68	0.08807
7 rs6465657	6 rs6458094	39177246	0.68	5.94E-06	0.98	0.8186
7 rs6465657	6 rs6936566	75534295	1.37	0.0006909	1.11	0.3495
7 rs6465657	6 rs1415482	102264507	0.57	0.0002408	1.20	0.3691
7 rs6465657	6 rs927016	106992478	1.34	0.0005362	1.01	0.9659
7 rs6465657	6 rs1467404	133131834	1.61	0.000365	0.88	0.4622
7 rs6465657	6 rs3911601	153891268	1.60	0.0003491	1.20	0.1826
7 rs6465657	7 rs6957306	6980230	0.68	0.0004651	0.93	0.5708
7 rs6465657	7 rs1017002	8524672	0.74	0.0004833	1.02	0.8403
7 rs6465657	7 rs10235525	10352989	0.74	0.0009923	1.06	0.6019
7 rs6465657	7 rs7801347	11733287	0.69	0.0009003	1.14	0.284
7 rs6465657	7 rs6970724	28307122	0.68	0.0003968	1.21	0.1534
7 rs6465657	7 rs12673161	37710414	1.34	0.00058	0.90	0.2828
7 rs6465657	7 rs6955251	47746274	0.69	0.000296	0.91	0.435
7 rs6465657	7 rs2124018	54584144	1.86	0.000245	1.13	0.5674
7 rs6465657	7 rs17583407	54740562	1.34	0.0005025	1.02	0.8488
7 rs6465657	7 rs844684	70939648	1.58	0.0009066	1.28	0.1116
7 rs6465657	7 rs13221565	83492211	0.75	0.0006189	1.06	0.5599
7 rs6465657	7 rs319345	95222476	0.72	0.0007201	0.78	0.03725
7 rs6465657	7 rs17167270	95259172	0.60	0.00001539	0.77	0.0755
7 rs6465657	7 rs4383914	103602484	1.38	0.0002467	1.02	0.8631
7 rs6465657	7 rs6465984	103604218	1.63	0.0009	0.96	0.8201
7 rs6465657	7 rs11764157	107058709	0.63	0.0009616	1.06	0.7688
7 rs6465657	7 rs2299438	115935705	1.51	0.00003069	1.27	0.04068
7 rs6465657	7 rs38854	115951162	0.75	0.0009524	0.99	0.9192
7 rs6465657	7 rs41751	116043001	0.72	0.0001551	0.96	0.6781
7 rs6465657	7 rs12533164	116122532	1.50	0.0001219	1.19	0.167
7 rs6465657	7 rs1029396	116618771	1.69	0.0007613	1.09	0.6309
7 rs6465657	7 rs7789577	126744449	0.63	0.0007882	1.04	0.7977
7 rs6465657	7 rs1077483	128337075	1.67	0.0002504	0.89	0.4483
7 rs6465657	7 rs10238194	145520605	1.34	0.0004208	1.02	0.8175
7 rs6465657	7 rs7781309	151488838	0.66	0.0002154	0.96	0.7753
7 rs6465657	8 rs17074600	5534696	1.51	0.0004542	1.09	0.5518
7 rs6465657	8 rs17622689	16499985	1.86	0.0007961	1.04	0.8284
7 rs6465657	8 rs13268900	18137019	1.77	0.0009849	1.03	0.8315
7 rs6465657	8 rs17127331	18754122	2.15	0.0003379	0.96	0.86
7 rs6465657	8 rs6987996	31626313	0.75	0.000502	1.04	0.7309
7 rs6465657	8 rs2589349	35482483	1.43	0.0005716	1.08	0.5054
7 rs6465657	8 rs270794	56012658	0.75	0.0005452	1.08	0.4544
7 rs6465657	8 rs1498184	56014728	0.69	0.0001157	1.02	0.8936
7 rs6465657	8 rs17396192	66842137	1.79	0.0002411	0.86	0.5135
7 rs6465657	8 rs10092405	76549358	1.34	0.0004653	0.96	0.7268
7 rs6465657	8 rs7822447	76718379	1.52	0.0005676	0.87	0.361
7 rs6465657	8 rs4469428	110144284	1.38	0.000148	1.16	0.136
7 rs6465657	8 rs12548343	114983155	0.74	0.0005213	1.11	0.3387
7 rs6465657	8 rs7833804	135567849	0.74	0.0005972	0.80	0.04229
7 rs6465657	9 rs7027669	18007562	1.32	0.0007561	0.88	0.2311
7 rs6465657	9 rs7028297	18060964	0.75	0.0006457	1.14	0.1895
7 rs6465657	9 rs10756940	18121475	1.33	0.0006339	1.15	0.1885
7 rs6465657	9 rs16936919	18622055	0.37	0.0004133	0.80	0.4535

7 rs6465657	9 rs17719825	26292964	1.67	0.0006828	1.02	0.9254
7 rs6465657	9 rs17061487	75482941	0.59	0.00004392	0.92	0.5732
7 rs6465657	9 rs4744357	94417088	1.35	0.0003332	0.84	0.09353
7 rs6465657	9 rs4743624	102979968	1.48	0.0000577	0.96	0.7372
7 rs6465657	9 rs10776936	134585580	1.43	0.0005052	0.88	0.2893
7 rs6465657	9 rs863701	137745956	0.70	0.0008068	1.03	0.78
7 rs6465657	9 rs975978	137862993	0.71	0.0003683	0.87	0.2303
7 rs6465657	10 rs12258781	6954963	1.34	0.0008818	0.95	0.6478
7 rs6465657	10 rs1412702	37018312	0.67	0.0001653	1.31	0.05901
7 rs6465657	10 rs11816907	37073665	0.51	0.0001114	1.12	0.5777
7 rs6465657	10 rs268322	43876608	0.62	0.0009097	0.79	0.123
7 rs6465657	10 rs17599688	72022774	1.34	0.0005845	1.17	0.1557
7 rs6465657	10 rs947366	72578681	1.40	0.0006414	1.20	0.1346
7 rs6465657	10 rs1248895	79349695	1.37	0.0004262	0.99	0.9299
7 rs6465657	10 rs7080359	108867209	0.56	0.0004682	0.79	0.2122
7 rs6465657	10 rs7914264	109385346	0.75	0.0006335	1.12	0.2769
7 rs6465657	10 rs2125071	109387449	0.67	0.00053	1.04	0.7746
7 rs6465657	10 rs11517113	113465462	0.70	0.0006905	1.09	0.5411
7 rs6465657	10 rs7476241	117007181	1.33	0.0008384	0.81	0.0543
7 rs6465657	10 rs2173244	123543255	0.75	0.000923	1.16	0.1719
7 rs6465657	11 rs536715	220368	1.85	0.00001548	0.90	0.5371
7 rs6465657	11 rs360162	9841363	0.30	8.98E-06	1.33	0.4493
7 rs6465657	11 rs1350006	11711632	1.32	0.0008556	1.34	0.005062
7 rs6465657	11 rs1356737	20735225	0.67	0.0008299	1.00	0.9784
7 rs6465657	11 rs4922623	20741119	0.70	0.00004338	0.93	0.5108
7 rs6465657	11 rs1996982	49929195	1.34	0.0006178	0.90	0.3083
7 rs6465657	11 rs10897950	81676279	0.73	0.0004778	0.92	0.4705
7 rs6465657	11 rs11600512	83266085	1.54	0.0000798	1.01	0.9337
7 rs6465657	11 rs1559856	83741830	0.62	0.00005179	0.81	0.1662
7 rs6465657	11 rs7931112	90659411	1.57	0.000607	0.97	0.8685
7 rs6465657	11 rs1176743	113309318	1.50	0.00002851	1.00	0.9983
7 rs6465657	12 rs11064366	687774	1.44	0.0001605	0.92	0.4321
7 rs6465657	12 rs220599	13866565	0.73	0.0004159	0.95	0.6357
7 rs6465657	12 rs4764442	19002026	0.75	0.0006636	1.11	0.3283
7 rs6465657	12 rs11044373	19033436	0.68	0.0002433	0.98	0.9099
7 rs6465657	12 rs10743391	20760701	1.36	0.0006898	1.16	0.1715
7 rs6465657	12 rs11050142	29276583	0.63	0.0007081	0.90	0.536
7 rs6465657	12 rs7954360	51931465	0.74	0.0003461	0.98	0.8736
7 rs6465657	12 rs7297178	95768931	0.74	0.0004606	1.06	0.6044
7 rs6465657	12 rs2011247	97001093	0.76	0.0008792	1.03	0.7782
7 rs6465657	12 rs5742612	101377331	0.45	0.0008226	0.93	0.7614
7 rs6465657	12 rs7310933	106133141	2.37	0.0003327	0.90	0.6646
7 rs6465657	12 rs1896080	106916780	1.49	0.0007177	0.90	0.4022
7 rs6465657	12 rs7969848	115294853	1.40	0.00009056	1.12	0.3054
7 rs6465657	13 rs7989555	42288045	0.69	0.0004021	0.98	0.8803
7 rs6465657	13 rs16967433	105265195	1.70	0.0008427	1.00	0.9881
7 rs6465657	14 rs12890237	41517699	1.63	0.00008317	0.93	0.5874
7 rs6465657	14 rs198247	56258660	1.79	0.0009169	1.13	0.5671
7 rs6465657	14 rs1465788	68333352	1.40	0.0004526	0.93	0.5419
7 rs6465657	14 rs2787450	83601874	1.59	0.00001563	1.05	0.7065
7 rs6465657	14 rs1857781	85896030	1.46	6.86E-06	1.06	0.5891
7 rs6465657	14 rs8023231	95004929	0.73	0.0002455	1.15	0.1762

7 rs6465657	15 rs10518689	50489692	0.68	0.0006207	1.07	0.662
7 rs6465657	15 rs2440327	50848448	0.74	0.0004687	0.81	0.04345
7 rs6465657	15 rs12101974	92659893	0.71	0.0003371	0.94	0.6069
7 rs6465657	16 rs2660226	4866727	1.61	0.0003544	0.95	0.7531
7 rs6465657	16 rs12925538	27809788	2.00	0.0008503	1.69	0.07814
7 rs6465657	16 rs1362631	48161930	1.40	0.0008001	1.07	0.6044
7 rs6465657	16 rs12446482	54452786	0.46	0.0006543	0.59	0.128
7 rs6465657	16 rs8052338	70743175	1.33	0.0005543	1.13	0.2719
7 rs6465657	16 rs12716945	81060424	0.44	0.0002148	1.18	0.4916
7 rs6465657	16 rs12444562	86214995	0.62	0.0004286	1.14	0.4305
7 rs6465657	17 rs4968212	7408940	1.36	0.0009514	1.03	0.7863
7 rs6465657	17 rs3803852	9645051	0.63	0.0007589	1.19	0.2602
7 rs6465657	17 rs7223573	12926937	0.69	0.0002639	0.87	0.2315
7 rs6465657	17 rs8067716	13495529	1.76	0.0001423	0.89	0.5684
7 rs6465657	17 rs1671026	71071798	0.73	0.0007088	0.97	0.7732
7 rs6465657	17 rs4788933	72105587	0.75	0.0008197	1.08	0.4482
7 rs6465657	17 rs12449859	76746508	0.57	0.0003945	0.75	0.1103
7 rs6465657	18 rs613575	5293009	0.68	0.0003556	1.10	0.5181
7 rs6465657	18 rs12954062	6859732	1.33	0.0009217	1.03	0.7518
7 rs6465657	18 rs1866854	7892147	0.73	0.0007958	1.05	0.6614
7 rs6465657	18 rs751015	19813224	2.98	0.0004116	1.59	0.07625
7 rs6465657	18 rs2035041	27300190	1.34	0.0006836	1.07	0.4833
7 rs6465657	18 rs9959668	33876621	1.52	0.0007737	1.04	0.8243
7 rs6465657	18 rs8097047	54874907	0.62	0.000253	1.32	0.09257
7 rs6465657	18 rs9319823	67521649	0.72	0.0003553	0.85	0.137
7 rs6465657	19 rs11083880	52699980	0.62	0.0004296	1.18	0.3001
7 rs6465657	20 rs2207101	11138087	1.34	0.0004029	1.03	0.7751
7 rs6465657	20 rs1578411	17126434	0.72	0.0001219	0.95	0.6221
7 rs6465657	20 rs6044678	17129298	1.37	0.0003281	0.91	0.3522
7 rs6465657	20 rs2057062	18841843	0.73	0.0007377	1.04	0.7077
7 rs6465657	20 rs6132864	25685388	1.47	0.0004915	0.87	0.3427
7 rs6465657	20 rs379863	42694108	0.68	0.0006677	0.99	0.9291
7 rs6465657	20 rs2902986	55137854	1.31	0.0008954	1.11	0.3208
7 rs6465657	20 rs6099506	55242563	0.63	0.0004086	1.28	0.1657
7 rs6465657	21 rs2822560	14596503	0.53	0.0003237	1.33	0.1825
7 rs6465657	21 rs16999927	24761194	2.00	0.0006926	0.88	0.5709
7 rs6465657	21 rs2835402	36899239	0.72	0.0003117	1.09	0.4518
7 rs6465657	22 rs5765720	43238565	1.46	0.00001452	1.04	0.7418
8 rs10086908	1 rs2273299	10152705	0.59	0.0004931	0.97	0.8309
8 rs10086908	1 rs6660924	16475006	0.72	0.0007732	1.11	0.3761
8 rs10086908	1 rs9426277	29655999	1.61	0.000571	1.11	0.512
8 rs10086908	1 rs10798977	33806427	0.71	0.0006501	1.05	0.6929
8 rs10086908	1 rs538758	39824281	1.44	0.0003733	1.07	0.5683
8 rs10086908	1 rs4660411	40623018	1.43	0.0005627	1.01	0.9125
8 rs10086908	1 rs11163924	75844091	0.66	0.0001609	0.90	0.4128
8 rs10086908	1 rs1166586	77969125	1.48	0.0003423	0.97	0.7918
8 rs10086908	1 rs10873963	78214374	1.85	0.0001328	1.01	0.9665
8 rs10086908	1 rs10782872	102359498	0.71	0.0005288	1.07	0.5366
8 rs10086908	1 rs10430081	106891798	0.55	0.0008615	0.79	0.2188
8 rs10086908	1 rs611514	114363118	1.38	0.0005047	1.11	0.3509
8 rs10086908	1 rs927698	154739528	0.70	0.0002668	0.96	0.7088
8 rs10086908	1 rs903340	161868342	1.83	0.00005047	0.88	0.489

8 rs10086908	1 rs11117772	213670035	1.44	0.0003732	1.00	0.994
8 rs10086908	1 rs11590729	231748218	1.44	0.0002573	1.03	0.8225
8 rs10086908	2 rs2447739	38321921	0.71	0.0005079	1.20	0.1016
8 rs10086908	2 rs12476909	53732253	0.62	0.0002602	1.17	0.2508
8 rs10086908	2 rs895758	79160402	1.54	0.0005745	0.93	0.6187
8 rs10086908	2 rs283842	79179363	1.64	3.01E-06	0.86	0.2138
8 rs10086908	2 rs1403378	79227400	0.72	0.0007349	1.16	0.1899
8 rs10086908	2 rs1375050	79228077	1.46	0.0002944	1.00	0.9966
8 rs10086908	2 rs988475	122974655	2.00	0.0005507	1.09	0.7268
8 rs10086908	2 rs2139010	123403864	1.38	0.0008625	1.13	0.2754
8 rs10086908	2 rs6748388	134231189	1.75	0.0003772	0.76	0.141
8 rs10086908	2 rs11683083	146260528	0.64	0.0005472	0.83	0.2115
8 rs10086908	2 rs10490525	155146337	0.71	0.000573	1.04	0.7556
8 rs10086908	2 rs249701	155173730	0.72	0.0003601	0.92	0.4259
8 rs10086908	2 rs1682448	184588381	0.73	0.0009383	0.87	0.2023
8 rs10086908	2 rs1123595	190198621	2.64	0.00009261	1.31	0.4178
8 rs10086908	2 rs2645779	238093612	0.69	0.0008696	1.20	0.1898
8 rs10086908	3 rs2589673	12491501	0.72	0.0003802	0.90	0.3608
8 rs10086908	3 rs2454427	12582929	1.56	0.0001708	0.90	0.4725
8 rs10086908	3 rs1962515	12586269	0.69	0.0001192	1.01	0.9329
8 rs10086908	3 rs906673	12873941	0.73	0.0008567	0.97	0.7883
8 rs10086908	3 rs9811516	13706787	0.58	0.00027	0.99	0.9642
8 rs10086908	3 rs17204177	20739135	0.67	0.0002195	0.97	0.7951
8 rs10086908	3 rs6781111	24378214	1.51	0.0001841	0.88	0.3022
8 rs10086908	3 rs9840835	36495461	1.75	0.0004858	1.02	0.9315
8 rs10086908	3 rs7649848	40316715	0.47	0.0008375	1.71	0.1061
8 rs10086908	3 rs7618987	45181119	0.67	0.0008283	0.86	0.2925
8 rs10086908	3 rs3849498	76609556	0.73	0.0009862	1.00	0.9755
8 rs10086908	3 rs2932306	87966934	0.66	0.0007395	1.33	0.05021
8 rs10086908	3 rs16839969	99771821	1.42	0.0004173	1.19	0.1399
8 rs10086908	3 rs1871794	100561296	0.68	0.0004207	1.04	0.7539
8 rs10086908	3 rs1916047	110766432	1.77	0.0003679	1.04	0.8392
8 rs10086908	3 rs9289185	123188590	1.49	0.0004779	0.86	0.2542
8 rs10086908	3 rs2222275	156841581	1.70	0.0001088	0.82	0.1599
8 rs10086908	3 rs1399797	175797869	1.53	0.0006585	1.00	0.9869
8 rs10086908	3 rs12495203	179193869	1.53	0.0008575	1.24	0.1822
8 rs10086908	4 rs4689863	7906752	1.96	0.0002231	1.15	0.4692
8 rs10086908	4 rs6811030	20406870	1.43	0.0005635	1.02	0.8674
8 rs10086908	4 rs17512637	40261732	0.53	0.000571	0.87	0.5442
8 rs10086908	4 rs704638	59281513	0.70	0.0005307	0.92	0.459
8 rs10086908	4 rs2196514	96959473	1.49	0.0006962	1.08	0.5784
8 rs10086908	4 rs17032185	103508631	0.57	0.00069	0.82	0.2737
8 rs10086908	4 rs1433211	125121070	1.42	0.0003601	1.03	0.7946
8 rs10086908	4 rs10031347	139887115	1.53	0.00004442	1.06	0.6263
8 rs10086908	4 rs1497389	143662197	1.50	0.00007217	1.10	0.4222
8 rs10086908	4 rs7667026	166807520	2.27	0.0002191	0.68	0.1426
8 rs10086908	4 rs17071489	182741988	1.66	0.0003093	0.97	0.8264
8 rs10086908	4 rs6816265	185801002	1.38	0.0008694	1.08	0.4979
8 rs10086908	5 rs11951456	2627195	0.61	0.0008114	1.22	0.2275
8 rs10086908	5 rs367866	2654281	0.72	0.0005237	1.07	0.5266
8 rs10086908	5 rs10475171	2703624	0.37	0.0001254	0.91	0.7541
8 rs10086908	5 rs12654488	31427712	0.35	0.0008437	0.94	0.8384

8 rs10086908	5 rs4421130	36617671	1.58	0.0006254	0.96	0.7658
8 rs10086908	5 rs336103	54462945	1.49	0.0007905	1.06	0.6655
8 rs10086908	5 rs10035747	63042816	1.46	0.000801	0.75	0.04234
8 rs10086908	5 rs10514138	77822520	1.43	0.0002204	1.18	0.1458
8 rs10086908	5 rs10044597	84143126	1.87	0.00005978	1.07	0.7263
8 rs10086908	5 rs2036347	84158672	1.52	0.0002245	1.02	0.8762
8 rs10086908	5 rs154599	115855255	0.67	0.0008017	1.04	0.807
8 rs10086908	5 rs253901	116207799	0.57	0.0007677	1.08	0.6493
8 rs10086908	5 rs6877490	155998224	1.77	0.0003754	0.88	0.4394
8 rs10086908	5 rs157670	156045799	2.38	0.0003606	0.77	0.251
8 rs10086908	5 rs7700961	168528015	0.67	0.000346	1.00	0.9881
8 rs10086908	5 rs11952154	169081287	0.25	0.0001188	1.34	0.3389
8 rs10086908	5 rs676259	169124652	1.92	0.0002922	1.14	0.5447
8 rs10086908	5 rs11741956	180467926	0.72	0.0006134	1.00	0.9655
8 rs10086908	6 rs2326028	2686816	0.53	0.0003776	0.65	0.04468
8 rs10086908	6 rs4959388	6527122	1.41	0.0006834	1.06	0.604
8 rs10086908	6 rs12194650	7665538	0.72	0.000637	1.03	0.8047
8 rs10086908	6 rs169124	7792842	1.40	0.0007513	1.06	0.5986
8 rs10086908	6 rs1555602	9076560	2.18	0.0009226	0.89	0.6155
8 rs10086908	6 rs12201624	18087118	1.73	0.0009677	1.34	0.1344
8 rs10086908	6 rs12153939	20693000	1.97	0.0008237	1.36	0.2042
8 rs10086908	6 rs807838	21389013	1.40	0.000365	0.99	0.9603
8 rs10086908	6 rs2451334	34211640	0.69	0.0004439	1.08	0.5268
8 rs10086908	6 rs9399840	104183156	0.73	0.0007185	1.02	0.8653
8 rs10086908	6 rs9400344	110347752	0.70	0.0002355	0.88	0.2614
8 rs10086908	6 rs6922074	121302715	0.63	0.0009396	0.94	0.7066
8 rs10086908	6 rs6939038	145232252	1.46	0.0001292	0.82	0.09499
8 rs10086908	6 rs6920257	146947644	1.82	0.0006796	1.22	0.4275
8 rs10086908	6 rs1111705	164182384	0.72	0.0007639	1.22	0.07755
8 rs10086908	7 rs7801523	6936682	1.73	0.0000599	0.94	0.6798
8 rs10086908	7 rs940827	16604150	0.70	0.0007319	0.97	0.827
8 rs10086908	7 rs17353278	19223261	2.29	0.0008815	1.16	0.5736
8 rs10086908	7 rs10244981	42332958	2.22	0.0004662	1.31	0.3862
8 rs10086908	7 rs2293347	55043125	2.00	0.00001479	1.00	0.9856
8 rs10086908	7 rs1107616	55054361	1.58	0.0001504	0.94	0.6392
8 rs10086908	7 rs6979550	78715548	0.71	0.0003232	1.09	0.451
8 rs10086908	7 rs17157383	82567639	1.85	0.0007599	1.01	0.9595
8 rs10086908	7 rs2522342	82571078	1.66	0.0001877	0.91	0.5119
8 rs10086908	7 rs759532	103863569	0.66	0.0001424	1.25	0.09584
8 rs10086908	7 rs10954352	131172110	0.73	0.00076	1.06	0.5803
8 rs10086908	7 rs11981103	140425827	1.44	0.0001224	1.00	0.9726
8 rs10086908	7 rs7810856	145793242	0.64	0.0008456	0.83	0.2745
8 rs10086908	7 rs10952650	145798565	0.67	0.0005227	0.82	0.1753
8 rs10086908	7 rs2888408	145826809	0.52	0.00002882	0.81	0.2484
8 rs10086908	8 rs935557	474304	1.41	0.0008517	0.84	0.127
8 rs10086908	8 rs1036688	2099448	1.58	0.0003912	1.04	0.7773
8 rs10086908	8 rs3860866	4039531	1.43	0.0008982	0.87	0.2561
8 rs10086908	8 rs1859511	5479601	0.69	0.0004747	1.01	0.9568
8 rs10086908	8 rs2057858	5497007	1.59	0.00001826	0.87	0.2629
8 rs10086908	8 rs7816571	5506787	1.46	0.0001352	0.81	0.06277
8 rs10086908	8 rs6991017	5508780	1.53	0.0003351	0.79	0.09329
8 rs10086908	8 rs333041	19029662	1.44	0.0003565	0.86	0.1864

8 rs10086908	8 rs4922113	19779231	1.50	0.0008351	1.27	0.1228
8 rs10086908	8 rs4873729	54191589	1.42	0.0001729	1.13	0.2855
8 rs10086908	8 rs11775077	62760241	1.53	0.0003947	1.23	0.1421
8 rs10086908	8 rs17345945	68674808	1.76	0.0005649	1.13	0.5461
8 rs10086908	8 rs1559574	72694104	1.46	0.0009162	0.90	0.4561
8 rs10086908	8 rs2514808	95249292	0.68	0.0005378	0.92	0.504
8 rs10086908	8 rs2469628	133206714	0.70	0.0001233	1.03	0.7814
8 rs10086908	8 rs2469510	133212967	0.61	0.000959	0.72	0.09235
8 rs10086908	8 rs11996214	135280560	0.70	0.000585	0.92	0.4934
8 rs10086908	8 rs4909444	139770391	0.71	0.0005868	0.86	0.2034
8 rs10086908	9 rs7032456	2694399	1.41	0.0003767	1.04	0.7036
8 rs10086908	9 rs7862526	8096282	1.59	0.0001909	0.80	0.1478
8 rs10086908	9 rs1927621	16443551	1.44	0.000208	1.06	0.636
8 rs10086908	9 rs2780840	20598377	1.54	0.000865	0.83	0.2227
8 rs10086908	9 rs7026605	29410192	1.42	0.0009925	1.19	0.1809
8 rs10086908	9 rs10758069	31528849	0.66	0.0009831	1.09	0.5443
8 rs10086908	9 rs4878585	34664762	1.60	0.0005286	1.08	0.6568
8 rs10086908	9 rs2812351	34665471	1.39	0.0006979	0.93	0.5293
8 rs10086908	9 rs4877502	78086463	0.70	0.0003022	1.15	0.2173
8 rs10086908	9 rs10125807	87226684	1.53	0.0004669	1.30	0.06174
8 rs10086908	9 rs1931371	93218112	0.71	0.0008656	1.04	0.7289
8 rs10086908	9 rs12335402	108419376	0.70	0.0005826	1.02	0.8813
8 rs10086908	10 rs4489654	2593227	0.37	0.0002632	0.92	0.7873
8 rs10086908	10 rs4881281	4124507	1.64	0.00008376	0.86	0.3393
8 rs10086908	10 rs10776659	49825375	1.39	0.0006744	1.07	0.5628
8 rs10086908	10 rs4237288	63939116	1.38	0.0009206	1.21	0.08503
8 rs10086908	10 rs10997963	69591909	1.38	0.0007183	0.92	0.4567
8 rs10086908	10 rs4746955	71519684	2.31	0.000572	1.74	0.04475
8 rs10086908	10 rs1227052	73171380	1.60	0.0001682	1.10	0.4395
8 rs10086908	10 rs7923246	86453255	0.68	0.0001202	0.93	0.5281
8 rs10086908	10 rs7071217	93929142	1.57	0.0005228	1.17	0.3558
8 rs10086908	10 rs7903767	94128219	1.38	0.0006991	1.11	0.3612
8 rs10086908	10 rs503758	95396925	1.47	0.0005334	1.01	0.9279
8 rs10086908	10 rs2242387	127921642	1.76	0.0006887	1.05	0.819
8 rs10086908	10 rs359052	132009411	0.51	0.00001323	1.10	0.5416
8 rs10086908	10 rs7909923	132053910	0.48	0.00007008	1.18	0.4378
8 rs10086908	11 rs11042842	10461913	0.38	0.0009428	0.86	0.6103
8 rs10086908	11 rs1919302	14089869	1.49	0.0002294	0.93	0.5506
8 rs10086908	11 rs603109	48400487	0.60	0.00008942	0.90	0.5042
8 rs10086908	11 rs2696914	49015938	0.61	0.0001363	0.93	0.6477
8 rs10086908	11 rs506873	65523791	1.52	0.0007888	0.88	0.4329
8 rs10086908	11 rs708472	65687566	1.43	0.0001959	0.93	0.5015
8 rs10086908	11 rs17134603	75532712	0.22	0.00007467	1.17	0.5787
8 rs10086908	11 rs7942719	85515017	0.51	1.32E-06	1.29	0.09504
8 rs10086908	11 rs3844143	85527891	1.48	0.00004792	0.85	0.142
8 rs10086908	11 rs1939573	93002865	1.76	0.0002692	0.74	0.08244
8 rs10086908	11 rs1010783	96098193	1.44	0.0005472	0.92	0.5392
8 rs10086908	11 rs1348273	99791657	1.47	0.0005471	1.09	0.5267
8 rs10086908	11 rs11224288	99948852	1.78	0.0009788	0.91	0.6198
8 rs10086908	11 rs11225332	101957441	1.40	0.000552	0.99	0.9295
8 rs10086908	12 rs887353	5020020	0.70	0.000825	0.88	0.2807
8 rs10086908	12 rs3922595	24250039	0.36	0.00008554	1.54	0.1534

8 rs10086908	12 rs11183639	45557688	0.33	0.0008507	0.82	0.4973
8 rs10086908	12 rs7975628	49734791	0.56	0.0006483	0.96	0.861
8 rs10086908	12 rs10506326	52577033	1.46	0.0007761	1.13	0.4003
8 rs10086908	12 rs17121339	57400642	1.73	0.0004754	0.94	0.7155
8 rs10086908	12 rs10878652	66435951	0.66	0.0009374	0.99	0.9534
8 rs10086908	12 rs10745747	94886499	1.64	0.0004241	0.69	0.02662
8 rs10086908	12 rs7977921	117039330	1.87	0.0004756	1.34	0.2748
8 rs10086908	13 rs9511510	24384911	1.58	0.000959	0.93	0.6007
8 rs10086908	13 rs11619031	24603364	0.69	0.0006465	0.99	0.9173
8 rs10086908	13 rs17552833	27947214	1.97	0.0001591	1.14	0.4848
8 rs10086908	13 rs9533145	42012180	0.71	0.0006818	0.97	0.8277
8 rs10086908	13 rs4942306	43763582	0.65	0.0006052	1.01	0.9457
8 rs10086908	13 rs9527057	52669039	0.72	0.0005202	0.89	0.3132
8 rs10086908	13 rs5008125	52711934	0.69	0.0003773	0.91	0.4308
8 rs10086908	13 rs2587363	52813934	0.70	0.0002569	0.94	0.6014
8 rs10086908	13 rs1373271	52828812	1.45	0.0001411	1.13	0.277
8 rs10086908	13 rs12428947	53455872	1.78	0.0001424	0.83	0.2729
8 rs10086908	13 rs1553712	75634391	0.52	0.0007704	0.84	0.4843
8 rs10086908	13 rs17364139	84864697	1.87	0.0009982	0.79	0.3061
8 rs10086908	13 rs504998	100752815	1.66	0.0009557	0.98	0.8888
8 rs10086908	13 rs11618639	110482941	3.51	0.0009057	1.10	0.7554
8 rs10086908	14 rs2253012	36298255	0.73	0.0008131	0.93	0.5159
8 rs10086908	14 rs848092	36338548	1.39	0.0006747	1.19	0.1371
8 rs10086908	14 rs12589840	50789788	1.51	0.0002745	1.07	0.6359
8 rs10086908	14 rs8003291	51992404	0.72	0.0007315	1.08	0.4806
8 rs10086908	14 rs1489866	62068009	1.49	0.0007654	1.02	0.895
8 rs10086908	14 rs11158757	68209415	0.66	0.00005787	1.10	0.4438
8 rs10086908	14 rs194773	68268629	0.66	0.0009758	0.97	0.8308
8 rs10086908	14 rs8006018	74901110	0.70	0.0005658	0.97	0.7738
8 rs10086908	14 rs11622068	75854362	0.72	0.0008957	1.07	0.5545
8 rs10086908	14 rs10483933	79237212	2.33	0.0001177	1.12	0.6769
8 rs10086908	14 rs8009007	87583046	0.71	0.000398	1.22	0.07967
8 rs10086908	14 rs17124022	87601279	0.67	0.0004857	1.03	0.8075
8 rs10086908	14 rs7140821	87612307	0.72	0.000617	1.08	0.4899
8 rs10086908	14 rs7141583	87691513	0.70	0.0001756	1.06	0.59
8 rs10086908	14 rs17124146	87699102	0.62	7.15E-06	1.07	0.5882
8 rs10086908	15 rs8036575	20499870	0.69	0.0009815	1.27	0.07733
8 rs10086908	15 rs12591662	25762821	1.51	0.0003372	1.13	0.4223
8 rs10086908	15 rs16971754	31574923	1.75	0.0006744	1.08	0.729
8 rs10086908	15 rs1435102	31626486	1.60	0.0001124	0.99	0.966
8 rs10086908	15 rs8042614	44517669	0.70	0.0006559	0.97	0.834
8 rs10086908	15 rs9972524	44609354	0.70	0.0002476	1.03	0.8193
8 rs10086908	15 rs8032724	77096133	1.43	0.0001044	0.97	0.7646
8 rs10086908	16 rs17564909	8150115	0.50	0.0006683	1.01	0.9761
8 rs10086908	16 rs8057714	18040632	0.70	0.000315	1.01	0.9055
8 rs10086908	16 rs1728406	84979585	1.53	0.0004004	0.95	0.6987
8 rs10086908	17 rs4369716	2400658	0.44	0.00002371	1.97	0.002424
8 rs10086908	17 rs4985741	17028605	1.43	0.0005652	1.02	0.8753
8 rs10086908	17 rs242942	41247413	1.62	0.000813	1.18	0.3775
8 rs10086908	17 rs6501814	64358398	0.70	0.0007184	1.02	0.8887
8 rs10086908	18 rs17724172	3502216	0.62	0.00007049	0.93	0.6239
8 rs10086908	18 rs7241990	7327411	0.46	0.0002886	1.17	0.509

8 rs10086908	18 rs8084760	8782044	1.57	0.0006717	1.28	0.06967
8 rs10086908	18 rs12373455	39112764	0.42	0.0003283	1.05	0.8571
8 rs10086908	18 rs17795150	40842828	0.40	0.0003496	1.26	0.366
8 rs10086908	18 rs7240271	55060095	0.72	0.00081	0.92	0.487
8 rs10086908	18 rs607153	58731351	0.71	0.0007539	0.97	0.7789
8 rs10086908	18 rs1553834	62255847	1.73	0.00001802	0.85	0.2702
8 rs10086908	18 rs12456618	66434375	0.64	0.0002952	0.97	0.8164
8 rs10086908	18 rs17824772	69273021	0.71	0.0008115	0.97	0.7776
8 rs10086908	18 rs588453	71024920	1.44	0.0003949	1.02	0.9033
8 rs10086908	18 rs1345019	71060493	1.44	0.0003574	0.80	0.05729
8 rs10086908	19 rs8101881	38056468	1.41	0.0003277	1.15	0.2368
8 rs10086908	20 rs998277	36794835	0.53	0.0008263	1.37	0.1914
8 rs10086908	20 rs6093197	37598919	1.79	0.0008716	0.96	0.8359
8 rs10086908	20 rs947201	41209329	0.52	0.0007407	0.67	0.06069
8 rs10086908	20 rs720503	41784098	0.39	0.0009496	0.88	0.7038
8 rs10086908	20 rs1884779	45858219	0.67	0.00007031	0.93	0.4956
8 rs10086908	20 rs944882	56313905	1.94	0.0004455	1.26	0.3239
8 rs10086908	21 rs2822757	14831122	1.52	0.0001943	1.02	0.8978
8 rs10086908	21 rs964529	18506579	1.41	0.0005257	0.96	0.7467
8 rs10086908	21 rs2828177	23758457	1.37	0.0007618	1.03	0.8139
8 rs10086908	21 rs2212890	23788315	1.41	0.0009205	1.02	0.8517
8 rs10086908	21 rs2829243	24959375	1.88	0.0002451	0.93	0.7071
8 rs1447295	1 rs1504589	57357322	0.61	0.0004564	1.16	0.3452
8 rs1447295	1 rs155295	57369420	0.62	0.0005353	0.99	0.9647
8 rs1447295	1 rs10754436	116480940	0.46	0.0004516	1.02	0.957
8 rs1447295	1 rs11583761	119716184	0.65	0.0009843	0.99	0.959
8 rs1447295	1 rs677277	119914340	0.64	0.0005525	1.45	0.02333
8 rs1447295	1 rs549844	179889800	1.57	0.0007199	0.69	0.01678
8 rs1447295	1 rs10489768	184849585	0.64	0.0009058	1.03	0.8703
8 rs1447295	1 rs12071479	186244541	9.82	0.000455	0.96	0.9435
8 rs1447295	1 rs335554	211276776	1.89	0.0005849	1.00	0.994
8 rs1447295	1 rs6676199	211376623	0.59	0.000121	0.85	0.3179
8 rs1447295	1 rs12120462	234631549	0.61	0.0009694	0.99	0.9482
8 rs1447295	2 rs1511324	444860	0.50	0.00003751	0.76	0.1793
8 rs1447295	2 rs13422601	6472988	0.51	0.0002217	0.93	0.7543
8 rs1447295	2 rs11692176	24315873	2.75	0.0007415	0.84	0.593
8 rs1447295	2 rs2058703	60590877	1.60	0.000623	1.27	0.1352
8 rs1447295	2 rs1367469	67889265	1.72	0.0003159	0.74	0.06987
8 rs1447295	2 rs4849427	116268192	0.55	0.0005448	1.25	0.2853
8 rs1447295	2 rs17012263	119609862	1.81	0.0006036	1.00	0.9864
8 rs1447295	2 rs11893318	136580817	0.46	0.0005229	0.71	0.2539
8 rs1447295	2 rs10496795	138638405	0.53	0.0005876	1.06	0.8027
8 rs1447295	2 rs13034670	145956283	1.64	0.0003886	1.11	0.4956
8 rs1447295	2 rs16830090	152167989	1.71	0.0003446	0.93	0.6357
8 rs1447295	2 rs6433481	152213270	0.56	0.00005647	1.04	0.8224
8 rs1447295	2 rs12624082	154690989	1.62	0.0009649	1.25	0.1868
8 rs1447295	2 rs12996382	166885402	2.41	0.0007164	0.90	0.7013
8 rs1447295	2 rs1967351	182345615	0.62	0.0005738	1.02	0.9121
8 rs1447295	2 rs16823254	183134788	0.57	0.0003292	0.84	0.3139
8 rs1447295	2 rs16855046	197295965	0.31	0.0006398	0.78	0.4706
8 rs1447295	2 rs10199059	216108480	0.64	0.0007553	0.84	0.2888
8 rs1447295	2 rs2602284	221183808	0.53	0.00009484	1.20	0.3453

8 rs1447295	2 rs3997614	224767758	0.43	0.0005497	0.96	0.9029
8 rs1447295	3 rs741495	10392929	0.60	0.0002092	0.99	0.938
8 rs1447295	3 rs13088954	30113474	1.62	0.0002796	1.04	0.786
8 rs1447295	3 rs530112	37528166	1.58	0.0008549	1.08	0.5943
8 rs1447295	3 rs1123569	38115725	0.51	0.0008289	0.88	0.5797
8 rs1447295	3 rs6784514	71402436	0.44	0.0007911	0.80	0.4069
8 rs1447295	3 rs9881321	97474308	1.61	0.0005612	1.26	0.1313
8 rs1447295	3 rs1462313	111924759	2.69	0.0005898	0.51	0.02963
8 rs1447295	3 rs1398635	118506522	0.49	0.0009338	0.81	0.3733
8 rs1447295	3 rs770063	149796853	1.92	0.0004324	0.80	0.2665
8 rs1447295	3 rs2229697	168993174	0.38	0.0001492	1.14	0.5989
8 rs1447295	3 rs9835385	175085230	1.67	0.0003592	0.83	0.2448
8 rs1447295	3 rs12497584	175102051	1.95	0.0003312	0.85	0.4124
8 rs1447295	3 rs9880079	175161642	2.04	0.00001991	1.05	0.7833
8 rs1447295	3 rs6445139	175336325	1.91	0.0007787	1.02	0.9341
8 rs1447295	3 rs12495203	179193869	0.53	0.0006159	1.07	0.7792
8 rs1447295	3 rs6444190	188174307	0.47	0.00001919	0.94	0.7516
8 rs1447295	4 rs17084784	65087316	1.91	0.0004827	1.13	0.5462
8 rs1447295	4 rs7673354	116134737	0.28	0.00004691	0.83	0.5299
8 rs1447295	4 rs2389043	116166350	0.45	0.0004907	0.98	0.9202
8 rs1447295	4 rs12503654	118381858	8.83	0.0007974	1.03	0.9351
8 rs1447295	4 rs1865176	130733227	0.58	0.0004377	0.84	0.2914
8 rs1447295	4 rs640314	130895717	0.52	0.0003621	0.96	0.8419
8 rs1447295	4 rs13101840	133990798	1.57	0.0008706	1.26	0.1648
8 rs1447295	4 rs1036342	158850579	0.58	0.000379	1.33	0.1031
8 rs1447295	4 rs7657302	160739742	0.59	0.0003904	1.13	0.4934
8 rs1447295	4 rs17633952	167382764	2.24	0.0006059	0.85	0.4956
8 rs1447295	5 rs7443398	19036917	0.52	0.00001408	1.06	0.7199
8 rs1447295	5 rs4130533	19095543	2.17	0.0008845	1.86	0.05522
8 rs1447295	5 rs13171647	19115491	0.52	0.0001426	0.95	0.764
8 rs1447295	5 rs9293292	71732698	1.85	0.0008489	0.80	0.2738
8 rs1447295	5 rs11744822	72316160	0.54	0.0007353	0.91	0.6642
8 rs1447295	5 rs11744546	83211714	0.52	0.0006574	1.28	0.3281
8 rs1447295	5 rs27639	96138798	0.50	0.0008342	1.09	0.6861
8 rs1447295	5 rs10035514	118644805	2.22	0.0001746	0.86	0.4464
8 rs1447295	5 rs6870838	130094815	0.32	0.000416	1.19	0.6942
8 rs1447295	5 rs11750225	154424570	0.26	0.0001021	2.59	0.06911
8 rs1447295	6 rs2179990	15142268	1.59	0.0009678	0.80	0.1594
8 rs1447295	6 rs4714009	36834201	0.60	0.0004954	0.97	0.8711
8 rs1447295	6 rs4714178	38831404	0.29	0.0003112	0.91	0.7642
8 rs1447295	6 rs1634188	67117396	1.77	0.0008606	1.18	0.4402
8 rs1447295	6 rs17779253	72534133	0.54	0.00001133	0.96	0.8107
8 rs1447295	6 rs13204794	72535292	1.70	0.0005622	1.16	0.3953
8 rs1447295	6 rs3927502	85451683	0.65	0.0008901	1.10	0.5146
8 rs1447295	6 rs9450109	85775198	7.79	0.0002197	1.26	0.6198
8 rs1447295	6 rs435270	91261499	0.55	0.0004602	1.06	0.7838
8 rs1447295	6 rs972931	123691325	0.63	0.0006609	1.11	0.5083
8 rs1447295	6 rs7754833	126232587	1.59	0.0009901	0.89	0.4597
8 rs1447295	6 rs9372883	128240436	0.50	0.0004528	1.26	0.4002
8 rs1447295	6 rs9402413	132868222	0.30	0.0007594	0.65	0.2671
8 rs1447295	6 rs200153	143479138	1.57	0.0007675	1.15	0.359
8 rs1447295	6 rs9283119	149228035	1.68	0.000922	0.87	0.427

8 rs1447295	6 rs9478740	157357562	2.46	0.0009734	1.20	0.5921
8 rs1447295	6 rs2803363	158187268	1.70	0.0007473	0.80	0.2233
8 rs1447295	6 rs2504925	160846805	1.83	0.0005021	1.37	0.1289
8 rs1447295	6 rs1123753	169378471	0.63	0.0006963	0.80	0.1537
8 rs1447295	7 rs1035096	8089273	1.58	0.0008112	1.26	0.1811
8 rs1447295	7 rs2192736	11807124	0.56	0.0005097	1.19	0.3523
8 rs1447295	7 rs11760674	44299715	0.58	0.0006409	1.25	0.2453
8 rs1447295	7 rs4724490	46531354	0.38	0.0009191	0.97	0.928
8 rs1447295	7 rs1524865	67240660	0.63	0.0008881	0.93	0.6399
8 rs1447295	7 rs17439102	77862477	0.62	0.0002752	0.87	0.3711
8 rs1447295	7 rs7778805	81651352	0.33	0.0003643	0.91	0.7717
8 rs1447295	7 rs10227746	94132471	0.62	0.0004755	0.97	0.845
8 rs1447295	7 rs3757460	100475075	0.60	0.0005745	0.96	0.8028
8 rs1447295	7 rs7783665	109633147	0.62	0.000679	1.07	0.6715
8 rs1447295	7 rs7795959	150514222	1.59	0.0007233	1.06	0.7334
8 rs1447295	7 rs1922081	155494791	0.58	0.0001612	1.08	0.6013
8 rs1447295	8 rs1584963	15676399	1.77	0.0002387	1.08	0.6781
8 rs1447295	8 rs10503752	24627438	2.00	0.00028	0.65	0.04364
8 rs1447295	8 rs13251736	32411332	0.30	0.0003249	1.06	0.8922
8 rs1447295	8 rs2719295	34291873	0.54	0.0008077	0.85	0.4515
8 rs1447295	8 rs1346116	54220494	0.61	0.0004638	0.95	0.7417
8 rs1447295	8 rs16888859	117889542	0.54	0.0003868	1.15	0.5045
8 rs1447295	8 rs1825511	120068844	0.57	0.0006856	1.47	0.08351
8 rs1447295	8 rs13263255	120216076	0.55	0.000263	1.09	0.6918
8 rs1447295	8 rs10875397	138300317	2.20	0.0008687	0.87	0.4866
8 rs1447295	9 rs10975284	5783102	0.62	0.0009539	1.11	0.5355
8 rs1447295	9 rs1032216	16974123	0.36	0.0005402	0.90	0.7308
8 rs1447295	9 rs7028436	21672141	2.10	0.0002871	1.33	0.1489
8 rs1447295	9 rs4978040	26068764	1.58	0.0006157	0.83	0.2413
8 rs1447295	9 rs4879470	27400373	0.53	0.0002018	1.05	0.8237
8 rs1447295	9 rs348465	72733291	0.59	0.0005172	1.33	0.1215
8 rs1447295	9 rs6560311	72841736	0.62	0.0006125	0.96	0.8231
8 rs1447295	9 rs505034	76539985	1.73	0.000814	0.90	0.5259
8 rs1447295	9 rs11140508	84156446	1.91	0.0003264	1.00	0.9939
8 rs1447295	9 rs17399090	87364581	0.59	0.0003933	0.81	0.2569
8 rs1447295	9 rs10818543	98006903	1.59	0.0007089	0.96	0.7981
8 rs1447295	9 rs7032570	98007102	0.53	0.0005592	1.30	0.2289
8 rs1447295	9 rs17268583	125858716	0.38	0.0003362	0.76	0.2456
8 rs1447295	10 rs2397658	9657974	0.61	0.0005618	1.44	0.01881
8 rs1447295	10 rs10508445	12742824	0.64	0.000906	0.99	0.9608
8 rs1447295	10 rs11595639	30363395	0.26	0.0009846	1.72	0.2204
8 rs1447295	10 rs10823823	53318020	0.63	0.0007936	1.09	0.58
8 rs1447295	10 rs10733848	70337467	0.51	0.0003451	1.30	0.3418
8 rs1447295	10 rs11190790	102762273	1.64	0.0005873	0.70	0.02965
8 rs1447295	11 rs10832721	16986224	0.62	0.0005734	1.18	0.3439
8 rs1447295	11 rs1793426	56440326	0.59	0.000304	0.91	0.5662
8 rs1447295	11 rs2851421	79143824	0.52	0.0000311	1.07	0.6921
8 rs1447295	11 rs10792786	84250025	0.43	0.0001978	0.92	0.7459
8 rs1447295	11 rs17221829	89106380	0.62	0.0004235	1.13	0.4553
8 rs1447295	11 rs6483036	89595037	0.53	8.99E-06	1.16	0.427
8 rs1447295	11 rs533727	89785784	0.64	0.0005669	0.96	0.828
8 rs1447295	11 rs512285	89843914	1.61	0.0008272	1.18	0.2974

8 rs1447295	11 rs1370018	90655656	0.44	0.0005158	0.91	0.7534
8 rs1447295	11 rs11019417	90729623	0.40	0.0001662	0.72	0.3069
8 rs1447295	11 rs4755097	104690941	1.64	0.0008832	1.40	0.03269
8 rs1447295	11 rs4537793	117558366	0.54	0.0004145	0.82	0.3203
8 rs1447295	11 rs10791132	130622655	0.59	0.0001753	1.41	0.04265
8 rs1447295	11 rs2212484	131780505	1.77	0.0009805	1.64	0.02302
8 rs1447295	12 rs2239073	2408761	1.71	0.0001387	1.00	0.9911
8 rs1447295	12 rs1805778	8974122	2.83	0.0007227	1.17	0.6948
8 rs1447295	12 rs1912886	17595979	0.52	0.0001465	0.83	0.313
8 rs1447295	12 rs11043936	18252910	0.50	0.000193	0.77	0.1952
8 rs1447295	12 rs10879135	69092818	0.56	0.0003032	0.73	0.08005
8 rs1447295	12 rs17749569	80693251	3.67	0.0006869	0.81	0.624
8 rs1447295	12 rs7131954	92515576	0.26	0.0008422	0.39	0.02875
8 rs1447295	12 rs10778367	103959845	0.55	0.0008083	0.76	0.153
8 rs1447295	12 rs6489088	125471142	0.59	0.0006133	0.91	0.5976
8 rs1447295	12 rs1842737	128331860	0.61	0.0008938	0.88	0.4327
8 rs1447295	13 rs9552026	19340879	0.57	0.0009422	0.78	0.2129
8 rs1447295	13 rs7342452	22109944	0.56	0.0009289	0.95	0.8052
8 rs1447295	13 rs912607	30702041	0.63	0.0005292	0.94	0.7211
8 rs1447295	13 rs12874181	53553301	0.49	0.0005141	0.78	0.2831
8 rs1447295	13 rs9592942	73233040	1.64	0.0003678	1.14	0.3861
8 rs1447295	13 rs2803209	100429988	2.69	0.00005571	1.10	0.6859
8 rs1447295	13 rs2803224	100461303	1.64	0.0006929	0.82	0.2141
8 rs1447295	13 rs12866842	109134812	0.61	0.0007633	1.12	0.5406
8 rs1447295	13 rs4771746	110805747	0.58	0.0004036	1.09	0.6129
8 rs1447295	13 rs2391933	110823483	0.54	0.000429	1.19	0.423
8 rs1447295	14 rs12897371	75095772	0.62	0.000565	0.99	0.9306
8 rs1447295	14 rs996211	79682157	0.63	0.0004512	0.93	0.6569
8 rs1447295	14 rs17110368	79683970	2.30	0.0004914	1.10	0.7118
8 rs1447295	14 rs17116792	82016793	4.65	0.0002902	1.69	0.1838
8 rs1447295	14 rs17655681	85243672	1.61	0.0007393	0.94	0.6832
8 rs1447295	14 rs10498648	95714790	1.67	0.0007622	1.16	0.3885
8 rs1447295	15 rs10519823	31619712	0.48	0.0009605	1.27	0.3311
8 rs1447295	15 rs7182248	88513559	2.18	0.0002284	1.05	0.8363
8 rs1447295	15 rs16948067	91807902	0.54	0.0006882	0.89	0.5895
8 rs1447295	15 rs11637980	94803657	0.52	0.0000829	0.58	0.002382
8 rs1447295	16 rs11574633	31274819	2.23	0.0003105	1.63	0.06594
8 rs1447295	16 rs1362382	50782491	1.84	0.0005552	1.22	0.3228
8 rs1447295	16 rs6540278	84178403	0.53	0.0007954	1.42	0.1654
8 rs1447295	17 rs11651630	22502808	1.67	0.0009333	1.14	0.4554
8 rs1447295	17 rs4795658	27185863	0.57	0.0008472	0.89	0.5583
8 rs1447295	17 rs10445388	29933972	0.60	0.000684	1.05	0.7949
8 rs1447295	17 rs6505034	51505327	0.57	0.0005994	1.02	0.929
8 rs1447295	17 rs2716184	65126171	1.66	0.0003462	1.04	0.8293
8 rs1447295	17 rs2947872	65232744	1.84	9.94E-06	1.02	0.9101
8 rs1447295	18 rs539632	10652515	0.53	0.0003112	1.15	0.5274
8 rs1447295	18 rs2305024	19916814	3.25	0.0006895	1.43	0.3248
8 rs1447295	18 rs3865407	22191304	0.43	0.0001891	1.13	0.6326
8 rs1447295	18 rs16973432	36295067	0.52	0.0008767	1.23	0.3437
8 rs1447295	18 rs16973604	36441366	0.38	0.0002279	3.47	0.006715
8 rs1447295	18 rs8096141	44899615	2.95	0.0009275	0.66	0.1369
8 rs1447295	18 rs317813	53403092	0.64	0.0007901	0.87	0.3478

8 rs1447295	18 rs1626874	65046262	0.60	0.000909	1.02	0.9156
8 rs1447295	18 rs12955930	71159670	0.31	0.0008804	0.76	0.4553
8 rs1447295	20 rs183525	3501069	0.58	0.0003281	0.70	0.03963
8 rs1447295	20 rs6054058	6210187	1.67	0.0001346	1.15	0.3773
8 rs1447295	20 rs6056754	9540598	1.58	0.000855	0.66	0.006321
8 rs1447295	20 rs2208203	17272003	4.80	0.0006298	0.49	0.02734
8 rs1447295	20 rs16983337	21984535	7.32	0.0004866	0.46	0.09252
8 rs1447295	20 rs709050	34292023	1.80	0.0003905	0.98	0.9385
8 rs1447295	21 rs2826190	20636234	1.89	0.00006746	1.05	0.7665
8 rs1447295	21 rs2070652	26185586	2.48	0.0004326	1.13	0.6358
8 rs1447295	21 rs9981253	38513166	0.62	0.0005748	0.98	0.8772
8 rs1447295	21 rs2836443	38793146	0.63	0.0003575	1.06	0.6928
8 rs1447295	21 rs7277699	40924024	0.45	0.0009134	0.95	0.8533
8 rs1447295	22 rs9606906	30844302	1.61	0.0009669	1.03	0.8492
8 rs1447295	22 rs6518913	33604881	0.62	0.0008625	0.83	0.2715
8 rs1447295	22 rs8141575	47735087	0.50	0.000554	1.01	0.9726
8 rs1512268	1 rs6429600	46576531	1.57	0.00001727	0.81	0.06677
8 rs1512268	1 rs10493194	55766886	0.64	0.0008838	0.78	0.1694
8 rs1512268	1 rs2767503	55864746	1.35	0.000652	1.09	0.4036
8 rs1512268	1 rs2791494	86671194	1.49	0.0007703	0.83	0.1348
8 rs1512268	1 rs753391	93172109	0.74	0.0004937	1.06	0.5234
8 rs1512268	1 rs17112682	95063518	2.75	0.0006166	1.07	0.7876
8 rs1512268	1 rs491053	111898183	1.87	0.0003726	1.03	0.8887
8 rs1512268	1 rs2040041	114024665	1.42	0.0006655	1.08	0.5294
8 rs1512268	1 rs17038102	118530522	0.65	0.0004934	1.23	0.201
8 rs1512268	1 rs2501325	156667465	1.52	0.00007647	1.04	0.7383
8 rs1512268	1 rs4657295	160221716	1.40	0.0007296	0.85	0.1469
8 rs1512268	1 rs6684425	176494926	0.74	0.0008411	1.11	0.3338
8 rs1512268	1 rs6659611	201014428	1.42	0.000561	1.22	0.08816
8 rs1512268	1 rs17333933	201021437	0.71	0.0003052	0.83	0.0922
8 rs1512268	1 rs1002063	225844248	1.44	0.0003499	1.13	0.2623
8 rs1512268	1 rs7541784	241077070	1.46	0.0001661	1.01	0.9551
8 rs1512268	2 rs2001296	9457488	1.66	0.000482	1.04	0.8173
8 rs1512268	2 rs6544949	23699375	1.86	0.0003221	1.20	0.3911
8 rs1512268	2 rs11687656	34387471	0.70	0.0006812	1.05	0.6993
8 rs1512268	2 rs17048829	57586020	1.74	0.0005226	0.96	0.8294
8 rs1512268	2 rs842766	60782650	0.74	0.0006704	0.92	0.4186
8 rs1512268	2 rs3893079	85250677	0.49	0.0003306	0.98	0.9213
8 rs1512268	2 rs7596440	101805594	2.26	0.0003008	1.12	0.6557
8 rs1512268	2 rs11124028	105415491	0.65	0.0009869	1.14	0.4167
8 rs1512268	2 rs260603	109052552	1.62	0.0002416	0.85	0.2546
8 rs1512268	2 rs11122803	121094754	0.69	0.0002735	1.08	0.5306
8 rs1512268	2 rs4954728	139553813	0.73	0.000823	0.88	0.1947
8 rs1512268	2 rs1505839	139629584	1.34	0.0008973	1.17	0.121
8 rs1512268	2 rs12613418	142424593	1.57	0.000221	0.96	0.7707
8 rs1512268	2 rs1438888	148038037	0.58	0.0006477	1.06	0.7637
8 rs1512268	2 rs16861829	174194247	1.97	0.0005179	1.12	0.5637
8 rs1512268	2 rs1861763	205354496	1.52	0.0007561	1.17	0.2305
8 rs1512268	2 rs1861719	206605493	1.48	0.0009803	0.84	0.1511
8 rs1512268	2 rs6745134	234038520	2.09	0.0001122	0.64	0.05067
8 rs1512268	3 rs17034780	1189696	0.62	0.0005052	1.14	0.3717
8 rs1512268	3 rs563129	21982871	1.39	0.0004566	1.09	0.4297

8 rs1512268	3 rs9869860	30283291	1.43	0.0003993	1.12	0.3594
8 rs1512268	3 rs12636066	30888649	1.52	0.0002859	1.01	0.9407
8 rs1512268	3 rs9867588	50501884	0.65	0.0003679	1.17	0.256
8 rs1512268	3 rs13077334	66391711	0.67	0.0001638	0.92	0.4844
8 rs1512268	3 rs1452122	85431779	0.60	0.0009568	1.13	0.591
8 rs1512268	3 rs3849469	118293883	0.70	0.0007854	1.05	0.6664
8 rs1512268	3 rs11929100	127502317	1.35	0.0006462	0.95	0.5853
8 rs1512268	3 rs10934779	127756167	0.71	0.0001948	0.87	0.178
8 rs1512268	3 rs4680044	154480267	1.34	0.0009371	1.07	0.521
8 rs1512268	3 rs6763201	154776115	0.74	0.0007583	1.14	0.2012
8 rs1512268	3 rs10936043	158179208	1.38	0.0002779	1.01	0.9356
8 rs1512268	3 rs391398	160107381	0.73	0.0003649	1.16	0.1498
8 rs1512268	3 rs12495333	164776270	0.55	0.0004395	1.33	0.1871
8 rs1512268	3 rs12638049	165087717	0.61	0.00002157	0.98	0.8686
8 rs1512268	3 rs1036585	167106536	0.49	0.0003349	0.78	0.3332
8 rs1512268	3 rs800368	180913643	0.48	0.0009257	0.68	0.07189
8 rs1512268	3 rs2611622	189099348	0.72	0.0006887	1.05	0.6188
8 rs1512268	3 rs6788594	194971914	1.88	0.00005136	0.90	0.5098
8 rs1512268	3 rs6809251	197827185	0.73	0.0007038	1.11	0.3462
8 rs1512268	3 rs12152266	198399671	1.40	0.0008287	1.01	0.9604
8 rs1512268	4 rs11942719	6178964	1.61	0.0001584	0.98	0.8851
8 rs1512268	4 rs6846844	12620298	1.66	0.000266	0.97	0.8578
8 rs1512268	4 rs12511971	19252540	0.73	0.0004295	0.95	0.5922
8 rs1512268	4 rs6851535	53226350	0.74	0.000801	0.91	0.3679
8 rs1512268	4 rs1396575	59414089	1.56	0.0008548	0.76	0.07904
8 rs1512268	4 rs4150084	78442083	0.55	0.0002781	1.19	0.3623
8 rs1512268	4 rs974062	105092390	1.37	0.0004279	0.97	0.7261
8 rs1512268	4 rs17039980	110433816	1.95	0.0003208	0.98	0.9062
8 rs1512268	4 rs17045612	114393214	0.68	0.0003319	1.01	0.932
8 rs1512268	4 rs11731598	114413410	0.72	0.0003031	0.87	0.1622
8 rs1512268	4 rs180730	122159395	1.47	0.000654	1.04	0.7514
8 rs1512268	4 rs997955	158199296	0.58	0.000596	1.25	0.3388
8 rs1512268	4 rs8396	159988422	0.73	0.0008848	1.01	0.9387
8 rs1512268	4 rs6553943	177607857	1.36	0.0007131	0.84	0.07133
8 rs1512268	4 rs723819	177610095	0.70	0.0004163	1.03	0.8157
8 rs1512268	4 rs17067123	180423511	1.65	0.000618	1.08	0.6392
8 rs1512268	4 rs4862580	187169036	1.37	0.0007988	1.12	0.2807
8 rs1512268	5 rs972890	1853436	0.54	0.00001511	0.64	0.007945
8 rs1512268	5 rs531241	6690380	0.74	0.0005915	0.94	0.5284
8 rs1512268	5 rs2967034	19391644	1.36	0.0005973	1.13	0.2478
8 rs1512268	5 rs7717664	19421152	0.61	0.0002339	0.91	0.577
8 rs1512268	5 rs2966982	19453615	1.35	0.0009954	1.24	0.03232
8 rs1512268	5 rs9293151	24748315	1.43	0.0006746	1.43	0.003312
8 rs1512268	5 rs10038396	92054696	0.72	0.0005541	0.93	0.5069
8 rs1512268	5 rs7715499	94357154	0.72	0.0006693	0.93	0.5392
8 rs1512268	5 rs1895865	94457466	0.73	0.0003766	0.96	0.728
8 rs1512268	5 rs27037	96120450	0.69	0.0001688	1.04	0.7362
8 rs1512268	5 rs2042386	96182539	0.63	0.0003817	1.14	0.37
8 rs1512268	5 rs2052007	129470786	1.56	0.0009303	1.19	0.2913
8 rs1512268	5 rs10515707	153707075	1.83	0.0004787	1.14	0.5734
8 rs1512268	5 rs2339233	170506383	1.52	0.00002397	0.92	0.4548
8 rs1512268	5 rs17052072	174395384	0.47	0.0001961	0.86	0.6164

8 rs1512268	6 rs807856	21414727	0.73	0.0007054	0.91	0.3767
8 rs1512268	6 rs9461190	25771339	0.66	0.0009628	0.94	0.6677
8 rs1512268	6 rs3117295	29761356	0.64	0.00009981	0.92	0.5196
8 rs1512268	6 rs2517910	29796480	0.70	0.00005535	0.97	0.7548
8 rs1512268	6 rs2735052	29809543	1.71	5.25E-09	1.14	0.2021
8 rs1512268	6 rs16867712	29835933	1.63	2.10E-06	1.11	0.3411
8 rs1512268	6 rs1736982	29877500	0.72	0.0007194	0.89	0.2811
8 rs1512268	6 rs2844804	30050105	1.41	0.0000761	1.21	0.06173
8 rs1512268	6 rs9393986	30081505	1.45	0.0001903	1.22	0.05832
8 rs1512268	6 rs2395185	32541145	1.38	0.000923	0.94	0.5887
8 rs1512268	6 rs2856688	32762618	1.49	0.0001609	0.99	0.9138
8 rs1512268	6 rs2647012	32772436	0.74	0.0007878	0.96	0.7233
8 rs1512268	6 rs9275312	32773706	1.59	0.0003386	0.85	0.1936
8 rs1512268	6 rs2814889	38627739	1.34	0.0008742	1.30	0.0113
8 rs1512268	6 rs9395514	49646525	0.74	0.0009125	0.93	0.5098
8 rs1512268	6 rs2397227	56947466	1.51	0.0001344	1.20	0.09551
8 rs1512268	6 rs9354759	69238499	1.37	0.0008679	1.06	0.5646
8 rs1512268	6 rs9443224	76983488	1.49	0.0008071	0.89	0.3497
8 rs1512268	6 rs4706200	85147936	2.83	0.0001608	1.14	0.6814
8 rs1512268	6 rs13211475	85436193	1.53	0.0003913	0.91	0.5375
8 rs1512268	6 rs7775872	85623104	1.97	0.00002762	0.87	0.4577
8 rs1512268	6 rs2055581	91700330	0.72	0.0006833	1.23	0.08164
8 rs1512268	6 rs12199960	93980574	0.69	0.0004415	0.96	0.7456
8 rs1512268	6 rs13216090	116214644	1.39	0.0009102	1.01	0.9574
8 rs1512268	6 rs7767681	121397552	0.45	0.0005047	0.75	0.1676
8 rs1512268	6 rs9401986	127978343	1.37	0.0004907	1.17	0.1231
8 rs1512268	6 rs7772357	128168300	1.55	0.000326	1.17	0.2973
8 rs1512268	6 rs9485219	148090377	0.38	0.0009909	0.94	0.8429
8 rs1512268	6 rs4895746	148626244	0.66	0.0008689	1.04	0.7729
8 rs1512268	6 rs17054619	157318917	0.51	0.0002087	0.95	0.8443
8 rs1512268	6 rs12212878	158837912	1.84	0.0008765	0.59	0.05176
8 rs1512268	6 rs2874545	163661047	1.37	0.0005338	0.91	0.3618
8 rs1512268	6 rs9459925	167596689	0.67	0.0003015	0.91	0.4215
8 rs1512268	7 rs41871	3659495	1.41	0.0004983	0.96	0.7305
8 rs1512268	7 rs523254	5861580	0.73	0.0006079	0.80	0.02467
8 rs1512268	7 rs6977396	7916949	1.64	0.0004991	1.43	0.019
8 rs1512268	7 rs2108507	38726936	1.56	0.00006802	1.11	0.3985
8 rs1512268	7 rs1294963	44842024	0.65	0.0008799	0.98	0.885
8 rs1512268	7 rs3757572	44919896	1.42	0.0003507	0.97	0.8016
8 rs1512268	7 rs856569	46490375	0.71	0.000578	0.96	0.7328
8 rs1512268	7 rs680236	54442584	0.60	0.00005451	1.33	0.03053
8 rs1512268	7 rs193870	87712574	0.72	0.0009114	0.80	0.07447
8 rs1512268	7 rs11563921	89528818	0.60	0.000897	1.08	0.7552
8 rs1512268	7 rs2621215	93700695	1.44	0.0005515	1.01	0.9313
8 rs1512268	7 rs12537455	105525828	1.49	0.00006173	1.04	0.7035
8 rs1512268	7 rs2729539	111427664	0.34	0.0003203	1.18	0.6077
8 rs1512268	7 rs6953179	133176461	0.63	0.00005139	1.06	0.6805
8 rs1512268	8 rs4593564	4815526	1.69	0.0001727	1.15	0.4048
8 rs1512268	8 rs17076462	6170075	1.41	0.000758	1.02	0.8928
8 rs1512268	8 rs565169	8675367	1.51	0.0005399	1.12	0.3878
8 rs1512268	8 rs6984874	13964775	1.34	0.0008293	0.97	0.7946
8 rs1512268	8 rs12548880	18875549	0.64	0.0001121	0.89	0.3967

8 rs1512268	8 rs4357330	18900123	0.72	0.000726	1.04	0.7493
8 rs1512268	8 rs11990978	30904650	1.84	0.0009119	1.03	0.8771
8 rs1512268	8 rs17644096	32446153	1.48	0.0005092	1.07	0.5947
8 rs1512268	8 rs17576390	41380284	0.48	0.0007508	0.84	0.4227
8 rs1512268	8 rs13273799	73992909	0.74	0.0008053	0.88	0.2261
8 rs1512268	8 rs6981984	87281809	1.58	0.0003883	0.95	0.7093
8 rs1512268	8 rs16867846	102659536	0.72	0.0006283	1.06	0.6176
8 rs1512268	8 rs16881028	111766770	1.52	0.0008785	0.86	0.257
8 rs1512268	8 rs11780156	129263823	0.68	0.0009203	1.06	0.7039
8 rs1512268	8 rs10090950	133629206	1.39	0.0004605	1.13	0.2452
8 rs1512268	8 rs11998266	133752712	0.52	0.0003565	0.69	0.06725
8 rs1512268	8 rs7835316	136971321	0.72	0.000473	0.93	0.4817
8 rs1512268	8 rs10104031	140497072	1.42	0.0006658	1.03	0.7955
8 rs1512268	9 rs3843574	3016333	1.47	0.0007338	0.99	0.9137
8 rs1512268	9 rs12554855	8891169	1.60	0.0006703	1.16	0.3446
8 rs1512268	9 rs320955	28869500	0.69	0.0001955	1.03	0.7946
8 rs1512268	9 rs7029178	76925036	0.74	0.0009639	1.13	0.2279
8 rs1512268	9 rs11141423	86377112	0.73	0.0006657	1.02	0.8594
8 rs1512268	9 rs10820002	101699388	1.44	0.0001476	1.00	0.9932
8 rs1512268	9 rs1484375	106147116	1.46	0.0004179	0.91	0.4033
8 rs1512268	9 rs10491524	119336808	1.39	0.0006418	1.03	0.7864
8 rs1512268	9 rs2209076	121040959	1.38	0.0002982	0.87	0.1891
8 rs1512268	9 rs4237110	131470483	1.39	0.0003364	0.97	0.7871
8 rs1512268	10 rs10903569	1887722	0.61	0.0008058	1.02	0.8883
8 rs1512268	10 rs2496075	19629561	0.72	0.0008655	1.03	0.7832
8 rs1512268	10 rs11012086	20812000	1.66	0.0005047	1.26	0.2086
8 rs1512268	10 rs10899933	43695641	0.50	0.0006064	0.57	0.002978
8 rs1512268	10 rs11238781	43748991	0.42	0.0008778	0.42	0.0008493
8 rs1512268	10 rs12763621	49887969	0.62	0.0001823	1.03	0.8518
8 rs1512268	10 rs10824952	54661875	1.43	0.0004462	0.93	0.5384
8 rs1512268	10 rs12245746	63000468	0.69	0.0003927	0.92	0.441
8 rs1512268	10 rs16922823	67755168	0.61	0.0005435	0.87	0.3303
8 rs1512268	10 rs1472814	70673618	1.41	0.0007163	1.09	0.4386
8 rs1512268	10 rs555766	78685945	0.68	0.0000694	1.30	0.01946
8 rs1512268	10 rs7899861	90063270	0.66	0.0004634	0.86	0.2311
8 rs1512268	10 rs12266064	90161951	0.70	0.0009314	0.86	0.1733
8 rs1512268	10 rs821693	108110180	0.67	0.000852	1.15	0.2645
8 rs1512268	10 rs526930	116015312	0.74	0.000838	1.12	0.2628
8 rs1512268	10 rs17094717	118175613	0.53	0.0006905	1.34	0.1991
8 rs1512268	10 rs12573657	121133569	2.41	0.000945	0.65	0.1243
8 rs1512268	11 rs10840002	8199602	1.38	0.0003698	1.02	0.861
8 rs1512268	11 rs717015	19444347	0.73	0.0005975	1.03	0.7748
8 rs1512268	12 rs11062032	1929078	0.68	0.0009716	0.93	0.6022
8 rs1512268	12 rs12296438	24172890	0.58	0.00007026	1.14	0.4532
8 rs1512268	12 rs303795	50532205	0.72	0.000266	0.99	0.9103
8 rs1512268	12 rs2870964	66657121	0.69	0.000427	0.97	0.8086
8 rs1512268	12 rs2261987	67381380	1.38	0.0008884	1.15	0.2169
8 rs1512268	12 rs770112	76938607	1.80	0.0007638	0.96	0.787
8 rs1512268	12 rs11109470	97290749	0.67	0.0003311	0.96	0.7299
8 rs1512268	12 rs829876	97344606	0.73	0.0004712	0.85	0.1132
8 rs1512268	12 rs1616091	97392521	0.74	0.000502	0.91	0.3363
8 rs1512268	12 rs4762498	97467205	0.67	0.00004409	0.95	0.6288

8 rs1512268	12 rs692902	119659844	0.68	0.0004991	0.94	0.6401
8 rs1512268	12 rs7966514	127671255	0.71	0.0005217	1.02	0.8676
8 rs1512268	12 rs10848161	129625278	0.71	0.0004617	0.91	0.3608
8 rs1512268	13 rs1337953	33728822	0.73	0.000725	1.02	0.8728
8 rs1512268	13 rs9540388	33761720	1.34	0.0009395	0.88	0.2093
8 rs1512268	13 rs4340188	38769823	1.41	0.0001927	1.17	0.1367
8 rs1512268	13 rs17597289	42173595	0.42	0.0003306	0.69	0.2068
8 rs1512268	13 rs2573294	45353865	0.55	0.0004278	0.79	0.2569
8 rs1512268	13 rs9528693	63460098	0.72	0.0002483	1.02	0.8384
8 rs1512268	13 rs17665533	67340994	1.58	0.0005622	0.93	0.6252
8 rs1512268	13 rs2769554	67948616	0.65	0.0006024	1.06	0.6743
8 rs1512268	13 rs1450408	68099732	0.73	0.0004399	1.21	0.08075
8 rs1512268	13 rs7335460	68276549	0.65	0.0003271	0.97	0.8076
8 rs1512268	13 rs2182958	106620110	0.72	0.0006893	0.96	0.7081
8 rs1512268	14 rs12050391	31841097	1.46	0.0006204	1.02	0.8999
8 rs1512268	14 rs3825630	44044802	1.61	0.0008156	0.92	0.6135
8 rs1512268	14 rs724623	46373327	1.45	0.00001931	1.07	0.488
8 rs1512268	14 rs1979670	46428286	0.69	0.0007155	0.84	0.1654
8 rs1512268	14 rs12885936	46469938	1.48	0.000106	1.14	0.2431
8 rs1512268	14 rs7161141	50969338	1.36	0.0008097	0.84	0.1006
8 rs1512268	14 rs17824034	76948436	0.73	0.0005218	1.21	0.06092
8 rs1512268	14 rs10130481	76950058	0.67	0.0005093	1.14	0.3135
8 rs1512268	14 rs1061638	76998278	0.71	0.0004001	1.07	0.5565
8 rs1512268	14 rs12589346	84902306	0.65	0.0001066	0.84	0.1405
8 rs1512268	14 rs7149816	97574929	2.01	0.0009338	0.99	0.9692
8 rs1512268	15 rs4778114	25498990	0.72	0.0004904	1.02	0.8557
8 rs1512268	15 rs4924287	36759469	0.69	0.0005366	1.20	0.148
8 rs1512268	15 rs16976434	53707341	0.63	0.0008321	1.04	0.8256
8 rs1512268	15 rs11072827	77251535	1.55	0.0007742	0.77	0.06288
8 rs1512268	15 rs16977990	85139553	2.28	0.0009085	1.04	0.8753
8 rs1512268	15 rs7170211	90274770	0.71	0.0004535	1.00	0.9839
8 rs1512268	16 rs9928116	5901031	0.51	0.0008387	0.79	0.2405
8 rs1512268	16 rs6564990	80753903	0.32	0.0002607	1.12	0.7577
8 rs1512268	17 rs4567777	28113011	1.36	0.0008532	0.88	0.208
8 rs1512268	17 rs8070414	60859402	1.60	0.0009492	1.32	0.08297
8 rs1512268	17 rs4561502	61827442	1.47	0.00003519	1.22	0.05526
8 rs1512268	17 rs7406843	75833660	1.44	0.00007794	1.02	0.818
8 rs1512268	18 rs8095402	2299492	1.37	0.0005617	0.98	0.8252
8 rs1512268	18 rs2155677	11543980	0.60	0.000338	0.78	0.1158
8 rs1512268	18 rs752856	22293487	2.12	0.00002986	0.70	0.1061
8 rs1512268	18 rs1506223	60534163	0.63	0.000303	0.95	0.7343
8 rs1512268	19 rs1811200	14899095	2.28	0.0001032	0.86	0.4474
8 rs1512268	19 rs2335887	19986791	1.40	0.0001462	0.97	0.7873
8 rs1512268	19 rs2918384	41429105	1.41	0.0003759	0.88	0.2413
8 rs1512268	20 rs159797	4350637	1.60	0.00004736	1.09	0.5054
8 rs1512268	21 rs1060180	39690887	0.71	0.0002655	1.09	0.4465
8 rs1512268	21 rs12482418	39774207	0.74	0.0005391	1.02	0.878
8 rs1512268	21 rs1571726	41103974	1.74	0.0004091	0.85	0.3914
8 rs1512268	22 rs7289259	30465488	1.91	0.0001033	1.03	0.89
8 rs1512268	22 rs2283916	32273741	1.40	0.0001923	0.83	0.06381
8 rs16901979	1 rs12407853	47830208	0.26	0.0009384	1.34	0.5993
8 rs16901979	1 rs11590812	62222605	0.45	0.0005112	1.41	0.2287

8 rs16901979	1 rs12117302	62229326	2.63	0.0007722	1.11	0.7371
8 rs16901979	1 rs4655923	87320083	0.38	0.0004344	0.63	0.1136
8 rs16901979	1 rs4908147	101618302	0.19	0.00007326	0.55	0.2269
8 rs16901979	1 rs11578927	149541545	0.45	0.0006704	0.83	0.5
8 rs16901979	1 rs10798780	177277953	2.19	0.0008717	1.78	0.04368
8 rs16901979	1 rs4558044	200087985	2.98	0.0006776	1.54	0.1752
8 rs16901979	1 rs11120089	209666720	0.16	0.0009694	1.99	0.5272
8 rs16901979	2 rs829608	30544171	0.27	0.00005508	0.60	0.1259
8 rs16901979	2 rs10191166	61953803	0.35	0.0002542	1.07	0.7944
8 rs16901979	2 rs11125893	61958366	0.35	0.0002293	1.45	0.2464
8 rs16901979	2 rs7609513	62145996	0.36	0.0006968	2.56	0.03508
8 rs16901979	2 rs6751578	119963716	0.35	0.0007008	0.68	0.2317
8 rs16901979	2 rs10172703	127221099	2.51	0.0005822	0.88	0.6426
8 rs16901979	2 rs2012128	187456318	0.42	0.000543	0.85	0.5551
8 rs16901979	3 rs7613136	20007268	2.52	0.0001792	1.24	0.4375
8 rs16901979	3 rs11920008	30764458	0.24	0.000822	0.60	0.1934
8 rs16901979	3 rs4390968	31526784	0.41	0.000589	0.96	0.893
8 rs16901979	3 rs13075117	135812233	0.42	0.0006468	0.72	0.2455
8 rs16901979	4 rs2691394	58059098	3.01	0.0007951	1.14	0.7102
8 rs16901979	4 rs6855237	59927922	3.22	0.0008515	1.34	0.3516
8 rs16901979	4 rs701789	117387516	2.31	0.0007377	0.69	0.1573
8 rs16901979	4 rs4863551	139676939	0.44	0.0009255	1.07	0.798
8 rs16901979	4 rs6825410	139682079	0.38	0.0002239	1.10	0.7457
8 rs16901979	4 rs10025660	163857603	0.39	0.0002912	0.90	0.7273
8 rs16901979	4 rs6834299	188072164	2.30	0.0007373	1.32	0.331
8 rs16901979	5 rs10052524	24673805	3.76	0.0003278	1.18	0.6379
8 rs16901979	5 rs12652494	53928103	3.05	0.0007054	0.88	0.7058
8 rs16901979	5 rs4700090	65448190	0.23	0.00003979	1.81	0.1962
8 rs16901979	5 rs259065	79136473	0.39	0.0007703	1.00	0.9966
8 rs16901979	5 rs11951910	79975227	5.61	0.0008087	0.47	0.06117
8 rs16901979	5 rs34899	95116957	0.46	0.000645	1.16	0.5642
8 rs16901979	5 rs13160447	107354226	0.35	0.00005924	0.69	0.2019
8 rs16901979	5 rs13165315	120871703	3.13	0.0003062	0.67	0.1556
8 rs16901979	5 rs1434651	136535856	0.42	0.0003268	1.35	0.3058
8 rs16901979	6 rs943603	6853291	0.16	0.0009736	0.23	0.01434
8 rs16901979	6 rs707830	15440198	0.27	0.0003998	0.64	0.2164
8 rs16901979	6 rs11757415	15507671	2.42	0.0008997	1.08	0.7935
8 rs16901979	6 rs2523439	29535499	2.59	0.0006707	0.84	0.5068
8 rs16901979	6 rs782714	93985066	2.36	0.000281	0.99	0.9559
8 rs16901979	6 rs881627	159858751	0.30	0.00003094	0.99	0.9631
8 rs16901979	6 rs4709391	160429168	0.37	0.0005361	1.08	0.8107
8 rs16901979	6 rs4709657	163298093	0.41	0.0005452	1.13	0.6485
8 rs16901979	7 rs6461517	20560513	2.67	0.0002987	1.13	0.6389
8 rs16901979	7 rs17661752	48158057	4.38	0.0006252	0.82	0.5631
8 rs16901979	7 rs537511	70609486	0.33	0.0004562	1.08	0.8176
8 rs16901979	7 rs7808038	88539529	0.41	0.0003373	1.25	0.4256
8 rs16901979	7 rs38943	88585522	2.16	0.0009284	0.84	0.4827
8 rs16901979	8 rs1495750	18282666	0.44	0.0003693	1.25	0.4185
8 rs16901979	8 rs7013253	18287748	0.40	0.00009805	0.91	0.7376
8 rs16901979	8 rs4921911	18316387	0.41	0.0002379	0.65	0.1361
8 rs16901979	8 rs4574842	36668391	0.42	0.0007379	0.65	0.1352
8 rs16901979	8 rs12546660	40014360	0.26	0.000763	1.33	0.4995

8 rs16901979	8 rs814441	69431024	0.48	0.0006533	1.06	0.8338
8 rs16901979	8 rs4613994	83971251	3.43	0.0001053	1.02	0.963
8 rs16901979	8 rs6988859	84038379	2.66	0.0001744	0.75	0.278
8 rs16901979	8 rs2270673	104137085	0.38	0.0004233	1.22	0.4997
8 rs16901979	9 rs12376699	36372790	2.61	0.0008857	0.96	0.8974
8 rs16901979	9 rs1536993	69613030	2.56	0.0002053	0.78	0.3403
8 rs16901979	9 rs1537301	82459555	0.44	0.0005242	0.99	0.9781
8 rs16901979	9 rs1591068	91305092	0.28	0.0006138	0.72	0.3883
8 rs16901979	9 rs12340405	91475077	0.26	0.0005445	1.25	0.6281
8 rs16901979	10 rs7073056	11917275	0.29	0.000309	1.44	0.3886
8 rs16901979	10 rs7898359	11968115	0.39	0.0004012	1.60	0.135
8 rs16901979	10 rs3740000	29120188	0.27	0.0007977	1.94	0.1867
8 rs16901979	10 rs12779881	87076105	2.70	0.0009764	0.81	0.4366
8 rs16901979	11 rs11600637	19769325	0.41	0.0006964	0.74	0.3096
8 rs16901979	11 rs1222164	30091502	3.74	0.000346	0.92	0.809
8 rs16901979	11 rs17649971	36989125	0.39	0.0008321	1.31	0.422
8 rs16901979	11 rs517638	57200374	0.37	0.0009027	0.96	0.8988
8 rs16901979	11 rs11827626	74210569	2.78	0.0003431	0.69	0.2169
8 rs16901979	11 rs7104007	126983013	2.18	0.0005903	1.21	0.5049
8 rs16901979	12 rs11061946	1698788	0.14	0.0008203	2.25	0.1995
8 rs16901979	12 rs2239074	2408810	0.40	0.0001575	0.79	0.3648
8 rs16901979	12 rs7980095	17131098	2.44	0.0008481	0.92	0.7969
8 rs16901979	12 rs4762708	21606457	0.39	0.0005271	0.85	0.6471
8 rs16901979	12 rs4963577	24649800	0.32	0.0009599	0.80	0.5835
8 rs16901979	12 rs4963584	24721231	0.43	0.0004153	0.87	0.59
8 rs16901979	13 rs2146679	21545690	2.65	0.0006984	0.59	0.08746
8 rs16901979	13 rs17498440	107686748	0.23	0.0009064	2.05	0.1534
8 rs16901979	14 rs12436929	21474007	0.44	0.00059	0.99	0.956
8 rs16901979	14 rs4900927	49088491	0.40	0.000623	0.71	0.2625
8 rs16901979	14 rs10150231	70397651	0.27	0.0008248	1.22	0.6785
8 rs16901979	14 rs10083466	79054471	0.37	0.0007697	0.85	0.6032
8 rs16901979	15 rs6494246	59141061	3.02	0.0008612	1.26	0.4485
8 rs16901979	15 rs12443071	76316594	2.92	0.0008312	1.02	0.9496
8 rs16901979	15 rs4984600	94006099	2.54	0.0004298	0.90	0.6755
8 rs16901979	16 rs1070502	10172658	2.28	0.0006905	0.92	0.7553
8 rs16901979	16 rs12598775	17343617	2.72	0.0001832	0.86	0.5388
8 rs16901979	16 rs6499560	70705167	0.44	0.0007225	1.11	0.6963
8 rs16901979	16 rs6563925	71948643	0.40	0.0008798	1.08	0.779
8 rs16901979	16 rs3935513	76334254	0.14	0.00004755	1.01	0.9845
8 rs16901979	16 rs437620	77849307	0.37	0.0006001	0.99	0.9852
8 rs16901979	16 rs250157	78146121	2.49	0.0001997	0.90	0.6858
8 rs16901979	16 rs12599222	82060988	0.44	0.000534	0.88	0.6474
8 rs16901979	17 rs12103880	9639067	2.89	0.0007025	1.09	0.7884
8 rs16901979	17 rs3764855	63756173	0.40	0.000195	0.79	0.3841
8 rs16901979	18 rs17829298	69444007	0.41	0.0003837	1.12	0.6833
8 rs16901979	18 rs17763263	69473889	2.53	0.0001894	0.73	0.2139
8 rs16901979	20 rs912116	1291807	0.46	0.0007681	1.50	0.1233
8 rs16901979	20 rs6087445	29453913	0.28	0.00001773	0.92	0.7562
8 rs16901979	20 rs6088109	29454880	0.25	0.00007442	0.93	0.8089
8 rs16901979	20 rs6025403	55149790	0.42	0.0004691	0.59	0.03812
8 rs16901979	20 rs4811822	55212376	2.22	0.0009653	0.68	0.1278
8 rs16901979	21 rs4817229	14795654	3.52	0.0007466	0.66	0.2521

8 rs16901979	22 rs2050142	37929790	0.36	0.0008254	0.83	0.5087
8 rs2928679	1 rs4949184	31016492	0.70	0.0006595	0.92	0.5528
8 rs2928679	1 rs771390	34420029	1.40	0.0008754	0.87	0.2689
8 rs2928679	1 rs1440574	59772480	0.62	0.0008129	1.00	0.9891
8 rs2928679	1 rs6678065	61406231	0.46	0.0005683	1.17	0.5177
8 rs2928679	1 rs4908092	99033580	1.35	0.0006574	0.81	0.05448
8 rs2928679	1 rs10798585	174662779	0.72	0.0007454	0.88	0.3266
8 rs2928679	1 rs11589503	174678348	0.65	0.0006888	0.78	0.1401
8 rs2928679	1 rs17279065	176464850	0.74	0.0004392	1.17	0.1399
8 rs2928679	1 rs10921986	192638354	1.35	0.0005357	0.98	0.8812
8 rs2928679	1 rs9660926	199468704	0.55	0.0005569	0.87	0.4162
8 rs2928679	1 rs4511139	212670717	0.45	0.000989	0.79	0.437
8 rs2928679	1 rs1361256	216996080	2.04	0.0006363	0.80	0.4907
8 rs2928679	1 rs4131253	230376656	0.70	0.0001079	1.11	0.3702
8 rs2928679	1 rs3009952	231118522	0.64	0.0003997	0.89	0.4118
8 rs2928679	1 rs2126384	236497249	0.71	0.00006597	0.74	0.005253
8 rs2928679	1 rs2066298	236509990	1.36	0.0003691	1.19	0.1039
8 rs2928679	1 rs4316356	237230875	1.57	6.43E-06	1.00	0.9897
8 rs2928679	2 rs13392122	6611343	0.72	0.000324	1.07	0.5329
8 rs2928679	2 rs10206116	15401244	1.33	0.000895	1.13	0.2612
8 rs2928679	2 rs17744052	29201062	0.71	0.0009538	0.79	0.0684
8 rs2928679	2 rs3100218	29306978	0.67	0.0002029	0.82	0.1615
8 rs2928679	2 rs12474717	55854868	1.79	0.0002841	1.07	0.7403
8 rs2928679	2 rs7588040	56247188	0.69	0.0002665	0.93	0.5559
8 rs2928679	2 rs7589935	58728000	0.72	0.0009776	0.99	0.9382
8 rs2928679	2 rs17030202	65496406	1.85	0.0005633	0.95	0.8337
8 rs2928679	2 rs3771371	71539194	1.34	0.0008981	1.00	0.9996
8 rs2928679	2 rs11689409	80090769	0.72	0.0002221	1.06	0.6059
8 rs2928679	2 rs10173073	80101041	1.40	0.0000809	0.91	0.3741
8 rs2928679	2 rs11691507	118596042	0.66	0.0006136	1.03	0.8782
8 rs2928679	2 rs7591709	138247317	1.64	0.0009003	1.16	0.424
8 rs2928679	2 rs13384962	167546825	0.62	0.0004771	0.94	0.7602
8 rs2928679	2 rs6725295	170425197	0.64	0.0003398	0.90	0.559
8 rs2928679	2 rs2197787	187315877	1.40	0.0005204	1.18	0.1677
8 rs2928679	2 rs970833	218154545	0.67	0.0006083	0.96	0.7324
8 rs2928679	2 rs16864909	224224345	2.40	0.0003728	0.83	0.6121
8 rs2928679	2 rs7597309	227049749	0.72	0.0005979	1.12	0.3404
8 rs2928679	2 rs927594	230472203	0.69	0.00001219	0.98	0.8417
8 rs2928679	2 rs4973228	230483001	1.49	0.0001418	1.09	0.5024
8 rs2928679	2 rs10203572	236881728	1.56	0.0007837	0.99	0.944
8 rs2928679	3 rs11128917	1982438	2.02	0.000433	1.07	0.756
8 rs2928679	3 rs4684384	3322090	0.72	0.0001694	1.07	0.528
8 rs2928679	3 rs2572671	5898845	0.57	0.0005803	1.09	0.7257
8 rs2928679	3 rs4679484	59374708	1.35	0.0004694	1.38	0.002237
8 rs2928679	3 rs557993	62688320	1.42	0.0007448	1.02	0.8701
8 rs2928679	3 rs2171930	67481337	1.47	0.0003817	1.19	0.2417
8 rs2928679	3 rs4266190	86242666	0.76	0.0009891	1.10	0.3943
8 rs2928679	3 rs6790241	102333618	0.66	0.0002663	0.76	0.0326
8 rs2928679	3 rs6441582	102337278	0.74	0.0007731	0.88	0.2343
8 rs2928679	3 rs3218647	122675040	0.48	0.0002639	1.26	0.4403
8 rs2928679	3 rs12639090	151597202	1.38	0.0005186	1.04	0.7233
8 rs2928679	3 rs7626725	151599933	1.38	0.0001487	1.04	0.6909

8 rs2928679	3 rs10936741	174255696	2.05	0.0009769	0.81	0.3812
8 rs2928679	4 rs10939198	27822638	1.41	0.0001325	1.02	0.8514
8 rs2928679	4 rs921901	64347688	2.32	0.0007182	1.33	0.4058
8 rs2928679	4 rs2882007	65247340	2.19	0.0004684	1.13	0.6155
8 rs2928679	4 rs12649108	69010708	0.72	0.0006613	1.17	0.1671
8 rs2928679	4 rs1490912	112600776	1.39	0.0005958	1.08	0.4928
8 rs2928679	4 rs7663969	113678157	0.60	0.0008648	0.87	0.4499
8 rs2928679	4 rs12641854	116082070	0.57	0.0001545	1.08	0.6405
8 rs2928679	4 rs10857080	122621750	1.55	0.0005415	1.15	0.3779
8 rs2928679	4 rs11098616	122661546	1.42	0.0003362	1.03	0.8097
8 rs2928679	4 rs1431345	141745853	1.47	0.0008878	1.04	0.7604
8 rs2928679	4 rs2292082	167353952	1.38	0.0002496	1.06	0.5797
8 rs2928679	4 rs2309460	182653260	1.41	0.0002672	1.16	0.1849
8 rs2928679	4 rs17071170	182654936	0.75	0.0008398	0.90	0.3183
8 rs2928679	4 rs4861946	182655636	1.50	0.00002639	1.04	0.7381
8 rs2928679	5 rs10069375	2409789	1.68	0.0008379	1.19	0.3395
8 rs2928679	5 rs7701038	27199215	0.73	0.0008415	1.23	0.07533
8 rs2928679	5 rs17519929	34712322	1.42	0.0004958	0.96	0.7297
8 rs2928679	5 rs723166	44431772	0.72	0.0004117	1.12	0.3102
8 rs2928679	5 rs17820064	50421035	0.72	0.0002846	0.88	0.2397
8 rs2928679	5 rs17221411	50435500	0.65	0.0006749	0.92	0.5882
8 rs2928679	5 rs7712662	59790607	0.55	0.0002089	1.08	0.7141
8 rs2928679	5 rs16878165	59830581	0.53	0.0007666	1.32	0.2324
8 rs2928679	5 rs4647038	60276615	0.42	0.0006838	0.86	0.644
8 rs2928679	5 rs2059209	95223371	2.42	0.0007007	0.86	0.5297
8 rs2928679	5 rs1298248	103436968	1.36	0.0005401	1.18	0.1228
8 rs2928679	5 rs1289212	103444711	0.73	0.0002858	1.00	0.9698
8 rs2928679	5 rs6887887	142516106	0.65	0.0008434	1.13	0.4807
8 rs2928679	5 rs11738617	158813854	1.51	0.0009034	1.35	0.04282
8 rs2928679	5 rs1422823	166128026	1.34	0.0006727	1.23	0.06473
8 rs2928679	5 rs173885	174288013	0.69	0.0003113	1.03	0.7869
8 rs2928679	5 rs13171278	175876816	0.73	0.0007735	0.93	0.5354
8 rs2928679	6 rs9405859	5621458	1.37	0.0002106	1.27	0.02451
8 rs2928679	6 rs17606561	11090345	1.50	0.00009546	1.12	0.3955
8 rs2928679	6 rs3798707	11099921	1.38	0.0002304	0.92	0.4295
8 rs2928679	6 rs6930152	15830078	2.13	0.0002273	1.08	0.7311
8 rs2928679	6 rs7748911	20916218	0.47	0.0008062	1.23	0.4185
8 rs2928679	6 rs9393608	25138033	1.55	0.0005352	0.85	0.2846
8 rs2928679	6 rs3129996	30759566	1.68	0.0009114	0.84	0.4013
8 rs2928679	6 rs9295993	31496574	0.71	0.0009595	0.83	0.1373
8 rs2928679	6 rs9394156	33683075	1.86	0.0004524	1.23	0.3427
8 rs2928679	6 rs9462492	39285552	1.59	0.0006557	0.99	0.932
8 rs2928679	6 rs12194008	72416321	1.82	0.0005067	1.31	0.1448
8 rs2928679	6 rs2502481	75419953	0.67	0.0001828	1.10	0.4772
8 rs2928679	6 rs9320787	121362384	1.54	0.00006119	0.92	0.5486
8 rs2928679	6 rs9401367	121445811	1.46	0.0004059	0.86	0.2904
8 rs2928679	6 rs17056422	129095532	2.18	0.0000728	1.12	0.5764
8 rs2928679	6 rs7742705	145042946	0.71	0.0007793	1.28	0.04852
8 rs2928679	6 rs980281	152090377	0.72	0.00009568	0.95	0.6134
8 rs2928679	7 rs13222836	4704817	0.72	0.0001204	1.06	0.6014
8 rs2928679	7 rs11974899	34258061	0.51	0.0005601	1.40	0.1367
8 rs2928679	7 rs6462627	35577687	0.74	0.0008103	0.92	0.4401

8 rs2928679	7 rs6583477	48718424	1.40	0.0001097	0.97	0.7906
8 rs2928679	7 rs17132833	48781257	0.62	0.00003332	1.19	0.219
8 rs2928679	7 rs1649699	52557860	0.54	0.0008436	1.26	0.2418
8 rs2928679	7 rs7793465	80177246	0.53	0.0007872	0.85	0.4753
8 rs2928679	7 rs12704267	85851481	0.71	0.0009739	1.24	0.09708
8 rs2928679	7 rs12704597	90477835	0.67	0.0005242	1.18	0.2646
8 rs2928679	7 rs17166293	93726083	0.55	0.0001059	1.49	0.05665
8 rs2928679	7 rs6942778	125126237	0.73	0.0003001	1.05	0.629
8 rs2928679	7 rs2306846	137249029	0.65	0.0005132	0.89	0.4425
8 rs2928679	7 rs1973815	144168025	0.69	0.0008519	0.93	0.5797
8 rs2928679	7 rs10270394	153073590	0.57	0.0007487	1.00	0.9917
8 rs2928679	7 rs12154718	156640753	0.73	0.0002944	0.93	0.4617
8 rs2928679	8 rs17064458	322415	0.51	0.0001735	0.74	0.1704
8 rs2928679	8 rs13259957	2292130	1.79	0.000235	0.92	0.6958
8 rs2928679	8 rs488323	26749890	1.38	0.000256	0.97	0.803
8 rs2928679	8 rs602382	36223678	0.68	0.0003859	1.19	0.2169
8 rs2928679	8 rs7829181	39509376	0.52	0.0005705	1.13	0.654
8 rs2928679	8 rs4278157	48901858	0.53	0.0009227	1.40	0.1106
8 rs2928679	8 rs1384830	51707146	0.49	0.0008362	0.92	0.7298
8 rs2928679	8 rs176183	53533226	0.71	0.0002867	0.99	0.9448
8 rs2928679	8 rs346613	73405227	0.70	0.00009584	1.11	0.355
8 rs2928679	8 rs4739608	82008759	1.41	0.0002045	1.07	0.5681
8 rs2928679	8 rs980904	92397002	0.60	0.0007751	1.04	0.8274
8 rs2928679	8 rs514589	97136355	0.71	0.0001807	0.88	0.236
8 rs2928679	8 rs2176118	115330310	1.58	0.0004933	0.98	0.8825
8 rs2928679	9 rs1415609	1158939	0.72	0.0002233	0.92	0.4469
8 rs2928679	9 rs7859432	1311394	0.73	0.0001856	1.03	0.8127
8 rs2928679	9 rs7871243	4563218	1.37	0.0003904	0.93	0.4965
8 rs2928679	9 rs1556395	32193380	0.71	0.00007399	1.00	0.9894
8 rs2928679	9 rs2780974	83476538	1.43	0.000101	1.01	0.9448
8 rs2928679	9 rs1408069	108298555	0.69	0.0008292	0.96	0.7982
8 rs2928679	9 rs2771051	117367262	0.74	0.0008359	0.93	0.4884
8 rs2928679	10 rs2388252	2613568	1.43	0.0009545	0.95	0.7348
8 rs2928679	10 rs11258827	14128843	0.64	0.0006062	1.05	0.7568
8 rs2928679	10 rs11008620	32069270	0.66	0.000198	1.00	0.9724
8 rs2928679	10 rs7911009	49808465	0.64	0.0008343	0.76	0.1241
8 rs2928679	10 rs12414440	67486723	1.47	0.0008364	0.97	0.8065
8 rs2928679	10 rs1037988	67645001	1.52	0.0002033	0.90	0.4295
8 rs2928679	10 rs12762984	72185294	1.82	0.0003364	1.02	0.9227
8 rs2928679	10 rs7909516	77555343	1.47	0.0001761	0.88	0.2873
8 rs2928679	10 rs2295879	123986966	1.42	0.0001687	0.84	0.1465
8 rs2928679	10 rs1413592	128850976	1.39	0.0002949	1.14	0.2278
8 rs2928679	11 rs366257	5447119	1.43	0.0009611	0.86	0.2303
8 rs2928679	11 rs1393954	19140620	0.64	0.000535	0.93	0.635
8 rs2928679	11 rs10833498	21277881	1.39	0.0002985	0.96	0.6909
8 rs2928679	11 rs746718	44349849	0.74	0.0004375	0.82	0.06621
8 rs2928679	11 rs7479811	64065360	0.63	0.0003308	1.02	0.8767
8 rs2928679	11 rs12293379	88915814	1.47	0.000607	0.94	0.7125
8 rs2928679	11 rs12293940	90374034	1.53	0.00007804	1.13	0.3211
8 rs2928679	11 rs11019417	90729623	1.84	0.0001892	0.98	0.9486
8 rs2928679	11 rs10831357	94861128	1.38	0.0002501	1.00	0.9845
8 rs2928679	11 rs2663635	118943625	0.74	0.0009569	1.00	0.9714

8 rs2928679	11 rs1940197	123164659	0.45	0.00061	1.11	0.687
8 rs2928679	11 rs11600358	130366454	0.71	0.0002467	1.10	0.4281
8 rs2928679	12 rs10770681	20682239	1.40	0.00006677	1.01	0.9146
8 rs2928679	12 rs10431220	28939812	1.41	0.00006487	1.03	0.8004
8 rs2928679	12 rs12230818	64723760	0.71	0.0004513	1.22	0.1081
8 rs2928679	12 rs12371165	65101815	0.65	0.0004997	1.02	0.9238
8 rs2928679	12 rs11179198	71101177	1.71	0.0009092	1.11	0.6252
8 rs2928679	12 rs10492333	113038197	1.59	0.0008808	1.05	0.7903
8 rs2928679	13 rs2001430	37685101	1.43	0.0003259	1.19	0.1662
8 rs2928679	13 rs2146368	39398414	0.69	0.0009497	0.82	0.1727
8 rs2928679	13 rs7330032	60966849	1.50	0.000891	0.97	0.8546
8 rs2928679	13 rs2001582	77937963	2.61	0.0005796	0.67	0.2084
8 rs2928679	13 rs7335436	82107063	0.74	0.0009548	0.98	0.8748
8 rs2928679	13 rs991342	88771638	2.30	0.0002227	0.72	0.1607
8 rs2928679	13 rs9588656	89022634	1.55	0.0004657	0.77	0.1282
8 rs2928679	13 rs7997970	89868323	0.62	0.0006273	1.23	0.2302
8 rs2928679	13 rs7321962	96727232	1.82	0.0002451	0.76	0.173
8 rs2928679	14 rs722200	28141545	1.51	0.0003158	1.14	0.3067
8 rs2928679	14 rs7150852	28149798	1.44	0.00008857	1.12	0.3134
8 rs2928679	14 rs17103110	34762120	0.59	0.0008586	1.14	0.476
8 rs2928679	14 rs3985184	41673179	1.36	0.0004594	0.89	0.2616
8 rs2928679	14 rs10438151	62652487	1.56	0.0009691	1.13	0.5191
8 rs2928679	14 rs17730574	83607255	0.68	0.000939	1.12	0.4347
8 rs2928679	14 rs17119662	83659536	0.73	0.0007945	1.10	0.4121
8 rs2928679	14 rs11620665	90516662	2.44	0.0009372	0.93	0.8136
8 rs2928679	15 rs17757180	21633840	1.38	0.0006367	1.11	0.3472
8 rs2928679	15 rs6576353	22389618	0.72	0.000422	1.21	0.1054
8 rs2928679	15 rs4489949	27701362	0.47	0.0001357	0.89	0.6651
8 rs2928679	15 rs7179327	34494802	0.74	0.0006065	1.02	0.8866
8 rs2928679	15 rs11070960	51262309	0.71	0.00007605	0.88	0.2292
8 rs2928679	15 rs2613109	59780021	1.60	0.0002806	0.97	0.8642
8 rs2928679	15 rs4290453	90127824	0.74	0.0004926	1.00	0.9638
8 rs2928679	15 rs17597283	90414222	0.65	0.0006547	1.07	0.6572
8 rs2928679	15 rs7179934	95006613	1.72	0.0002818	1.05	0.7781
8 rs2928679	16 rs4787182	8330368	1.73	0.0000856	0.77	0.1824
8 rs2928679	16 rs1345300	8671929	1.42	0.0008833	1.04	0.7514
8 rs2928679	16 rs1273349	8687298	1.61	0.0003532	0.99	0.9502
8 rs2928679	16 rs17639473	74810551	0.68	0.000758	1.04	0.771
8 rs2928679	17 rs11078215	13847659	0.76	0.0009333	0.91	0.3723
8 rs2928679	17 rs9916336	13852348	0.71	0.0005297	0.92	0.5219
8 rs2928679	17 rs16948122	44887512	2.00	0.0008206	0.67	0.2163
8 rs2928679	17 rs8070513	68659303	1.55	0.0001861	0.88	0.3715
8 rs2928679	18 rs17761972	54878786	0.61	0.0004655	0.98	0.9152
8 rs2928679	18 rs1400569	59849271	1.57	0.00004131	0.93	0.5345
8 rs2928679	18 rs7232887	67021408	0.64	0.00009574	1.01	0.952
8 rs2928679	18 rs2923220	67061593	0.75	0.0006291	0.99	0.9491
8 rs2928679	18 rs17084556	67310800	1.57	0.0003191	0.92	0.5643
8 rs2928679	18 rs6566094	70543084	0.54	0.0007372	0.77	0.2547
8 rs2928679	19 rs17833533	38322533	1.57	0.000405	1.00	0.9948
8 rs2928679	19 rs12984401	41718910	2.11	0.0002758	0.94	0.7567
8 rs2928679	19 rs3219341	55589829	1.94	0.00002315	1.29	0.2475
8 rs2928679	20 rs6074263	11157119	1.41	0.0002252	0.97	0.8131

8 rs2928679	20 rs6080859	17766141	1.41	0.000385	1.14	0.2802
8 rs2928679	20 rs6035701	20745014	1.59	0.0001615	1.35	0.02784
8 rs2928679	20 rs7265241	34953360	1.84	0.0003514	1.28	0.1781
8 rs2928679	20 rs11906033	40513940	0.60	0.00002471	1.16	0.3896
8 rs2928679	20 rs16998132	51541073	2.15	0.00005635	0.52	0.001887
8 rs2928679	20 rs1182475	57758605	1.36	0.00057	0.85	0.1389
8 rs2928679	21 rs2825255	19284247	1.46	0.000928	1.00	0.985
8 rs2928679	21 rs465473	23326616	0.72	0.0001564	0.96	0.6923
8 rs2928679	21 rs2830060	26407218	1.56	0.0004967	1.33	0.1036
8 rs2928679	21 rs469490	26530136	1.79	0.00006584	1.27	0.1722
8 rs2928679	21 rs7283746	41373575	0.73	0.0006518	0.97	0.7729
8 rs2928679	21 rs2839258	46678657	0.75	0.0006108	1.00	0.9801
8 rs2928679	21 rs2070435	46786139	0.74	0.0007635	1.06	0.6255
8 rs2928679	22 rs743730	32304159	1.47	0.0004757	0.96	0.7546
8 rs445114	1 rs2270701	21903426	0.66	0.0007122	1.13	0.3715
8 rs445114	1 rs3737744	46522550	1.41	0.0002164	1.03	0.8334
8 rs445114	1 rs12566236	52108964	1.44	0.00008144	0.98	0.8749
8 rs445114	1 rs2151392	56635771	0.32	0.0005825	1.05	0.8739
8 rs445114	1 rs4128921	56645443	1.37	0.0003867	1.01	0.9208
8 rs445114	1 rs10443263	72783481	1.42	0.000807	0.95	0.6669
8 rs445114	1 rs1434285	109792851	0.63	0.0001047	0.92	0.5332
8 rs445114	1 rs3789597	113968181	1.40	0.0005042	0.86	0.2031
8 rs445114	1 rs4130748	119412266	0.72	0.0003659	0.87	0.1981
8 rs445114	1 rs7543720	119418008	1.39	0.0006389	1.05	0.7013
8 rs445114	1 rs2383476	183059193	0.71	0.0001882	0.97	0.7823
8 rs445114	1 rs4915196	196882453	0.74	0.0009535	0.99	0.9618
8 rs445114	1 rs12096500	202573277	0.68	0.0002338	1.03	0.8378
8 rs445114	1 rs12759211	214391999	0.73	0.0007499	1.01	0.9524
8 rs445114	1 rs10047116	215026686	0.72	0.000273	0.82	0.06848
8 rs445114	1 rs1965776	221197255	0.74	0.0008137	0.98	0.8668
8 rs445114	1 rs4653438	222528125	0.73	0.0006247	1.00	0.9814
8 rs445114	1 rs4271181	222572764	0.69	0.0002585	1.06	0.652
8 rs445114	1 rs12136759	222627786	1.37	0.0006837	0.86	0.1665
8 rs445114	1 rs11122474	226685417	2.12	0.000642	0.86	0.5535
8 rs445114	1 rs10797474	230043119	1.43	0.0002584	0.85	0.1712
8 rs445114	1 rs6429230	237459149	1.52	0.0007859	1.25	0.1261
8 rs445114	2 rs12053038	2474885	1.57	0.0009003	0.93	0.6577
8 rs445114	2 rs1550253	8952090	0.53	0.0001669	0.64	0.04932
8 rs445114	2 rs10495727	22818868	1.46	0.000121	0.92	0.4645
8 rs445114	2 rs17010231	30903721	2.83	0.000006209	0.91	0.635
8 rs445114	2 rs12470473	39916941	0.71	0.0001075	1.03	0.7943
8 rs445114	2 rs10180284	50627667	0.72	0.0002992	0.86	0.1544
8 rs445114	2 rs759507	50666464	0.72	0.0003251	0.85	0.1411
8 rs445114	2 rs7602729	57494572	1.89	0.0002972	0.78	0.2806
8 rs445114	2 rs17048806	57555970	1.56	0.0009575	0.92	0.6212
8 rs445114	2 rs10176492	58577516	0.64	0.000553	0.97	0.8342
8 rs445114	2 rs755409	73082385	0.54	0.0008386	0.91	0.5877
8 rs445114	2 rs2309434	98765022	1.39	0.0006827	0.97	0.7876
8 rs445114	2 rs891428	109394432	1.45	0.0002926	0.97	0.7938
8 rs445114	2 rs6750117	184216480	1.41	0.0002438	0.83	0.08122
8 rs445114	2 rs13000592	184217167	1.50	0.0004551	0.83	0.1483
8 rs445114	2 rs6754252	184217496	0.74	0.0007127	1.04	0.7463

8 rs445114	2 rs6756590	217034077	1.35	0.0009908	1.24	0.05538
8 rs445114	2 rs1307667	233245477	1.38	0.0006497	0.89	0.3231
8 rs445114	2 rs17296210	233272073	0.72	0.0007773	1.01	0.9227
8 rs445114	2 rs2317018	236609263	1.39	0.0003792	1.02	0.8698
8 rs445114	2 rs2304431	238438936	0.67	0.00009501	1.02	0.8617
8 rs445114	2 rs12987518	239334071	1.53	0.0006659	0.82	0.1861
8 rs445114	3 rs9681213	41894	0.72	0.000432	0.96	0.7408
8 rs445114	3 rs1516332	80793	0.65	0.0001888	0.89	0.4134
8 rs445114	3 rs9858342	5053255	0.57	0.00009543	1.50	0.04793
8 rs445114	3 rs10510304	5435814	0.63	0.0007622	1.09	0.5792
8 rs445114	3 rs6777162	68244863	2.29	0.0006397	1.51	0.1171
8 rs445114	3 rs6767471	74660611	0.49	0.0004415	1.46	0.2261
8 rs445114	3 rs6766092	74723690	0.44	0.0001516	1.80	0.05886
8 rs445114	3 rs17281311	112807155	0.64	0.0008823	1.08	0.6215
8 rs445114	3 rs9877859	112923379	0.73	0.0005842	1.00	0.9835
8 rs445114	3 rs11711722	123467540	0.61	0.0008019	0.99	0.9401
8 rs445114	3 rs13076828	123899279	1.65	0.0008236	0.95	0.7986
8 rs445114	3 rs4894255	136606390	1.50	0.000632	1.25	0.1046
8 rs445114	3 rs11718068	154114427	1.40	0.0004394	0.95	0.6749
8 rs445114	3 rs12488931	154978529	1.38	0.0007539	1.09	0.4972
8 rs445114	4 rs11735197	11985236	0.74	0.0007793	0.89	0.2985
8 rs445114	4 rs1845586	14585273	0.71	0.0002085	1.14	0.2403
8 rs445114	4 rs10011670	20816314	1.39	0.0002195	1.04	0.743
8 rs445114	4 rs210759	27088271	1.60	0.0006789	1.44	0.04833
8 rs445114	4 rs4368591	28300534	1.39	0.00023	0.84	0.1053
8 rs445114	4 rs6842814	41046687	0.64	0.0002059	0.88	0.3673
8 rs445114	4 rs13101973	57604047	2.15	0.0002247	0.97	0.8998
8 rs445114	4 rs4518273	78376978	1.40	0.0007286	1.02	0.9002
8 rs445114	4 rs7663795	83169272	1.39	0.0008383	1.02	0.8919
8 rs445114	4 rs4478147	87830955	0.73	0.0005385	1.00	0.9771
8 rs445114	4 rs3775427	91044297	3.01	0.0005372	1.34	0.3002
8 rs445114	4 rs11097399	95239623	1.85	0.0009773	1.32	0.2347
8 rs445114	4 rs12499640	101852968	0.69	0.000167	0.80	0.05552
8 rs445114	4 rs6820436	150198382	1.85	0.0003482	0.81	0.3744
8 rs445114	4 rs722825	177052919	1.40	0.0001755	1.05	0.6621
8 rs445114	4 rs3860668	190243902	1.47	0.000653	0.96	0.752
8 rs445114	5 rs11952651	2305228	0.69	0.0005545	0.91	0.4636
8 rs445114	5 rs6882539	16933120	2.00	0.0006643	0.69	0.09521
8 rs445114	5 rs4867061	31311924	1.47	0.0004865	1.36	0.02098
8 rs445114	5 rs16895978	66263448	0.45	0.00009577	1.21	0.3792
8 rs445114	5 rs751768	66809711	0.70	0.0002566	0.96	0.748
8 rs445114	5 rs12515498	76575728	0.68	0.0002669	0.95	0.7077
8 rs445114	5 rs2306344	76681558	1.38	0.0008625	1.05	0.6953
8 rs445114	5 rs10085063	76701573	0.67	0.0007309	0.97	0.8118
8 rs445114	5 rs256219	133001222	0.68	0.00002145	0.81	0.04772
8 rs445114	5 rs17659728	150617326	1.86	0.00005357	1.23	0.3014
8 rs445114	5 rs6556364	158090223	0.68	0.0005358	0.80	0.1228
8 rs445114	5 rs1978706	158206649	1.42	0.0002337	1.03	0.8048
8 rs445114	5 rs1544754	158346883	1.50	0.0006749	1.07	0.6199
8 rs445114	5 rs10079410	164136953	0.70	0.000672	1.00	0.9986
8 rs445114	6 rs17133789	154462	0.65	0.0004016	0.83	0.2117
8 rs445114	6 rs17398435	7549105	0.51	0.0001114	0.93	0.749

8 rs445114	6 rs4716110	17215147	1.36	0.000965	1.22	0.08622
8 rs445114	6 rs9466285	22301383	1.56	0.0002312	0.98	0.911
8 rs445114	6 rs9466637	23242518	0.69	0.0008578	1.32	0.0389
8 rs445114	6 rs1056285	24528523	0.52	0.0004558	0.89	0.5301
8 rs445114	6 rs2170542	64734370	1.41	0.000539	1.03	0.8022
8 rs445114	6 rs1999891	76940553	1.44	0.0004848	1.00	0.9842
8 rs445114	6 rs2219553	81613720	0.65	0.0007267	1.09	0.6528
8 rs445114	6 rs619087	94232000	0.74	0.0009917	0.92	0.4749
8 rs445114	6 rs6920677	110461257	1.38	0.0004322	1.06	0.6118
8 rs445114	6 rs3828927	110531034	1.36	0.0008212	0.98	0.8657
8 rs445114	6 rs211590	133778889	0.72	0.000436	0.94	0.5609
8 rs445114	6 rs12661753	147450928	2.03	0.00071	0.93	0.7962
8 rs445114	6 rs3020308	152160799	0.71	0.0002606	0.87	0.2218
8 rs445114	6 rs9384365	156233916	0.71	0.000497	1.02	0.8436
8 rs445114	6 rs7756134	162709215	0.42	0.0008629	0.76	0.2835
8 rs445114	7 rs10951957	5304023	0.63	0.0005834	1.04	0.8363
8 rs445114	7 rs1012775	24622069	1.56	0.000004191	1.02	0.8405
8 rs445114	7 rs12154357	48052385	0.61	0.0008593	1.18	0.3023
8 rs445114	7 rs10248341	52769456	0.53	0.0005623	1.31	0.2722
8 rs445114	7 rs10229649	52877466	0.64	0.0007077	1.15	0.3874
8 rs445114	7 rs17172297	53954091	2.23	0.0001732	0.83	0.5102
8 rs445114	7 rs3923606	69615810	0.72	0.0006661	1.06	0.6365
8 rs445114	7 rs11762228	70625843	0.72	0.0002547	1.13	0.2547
8 rs445114	7 rs6949147	84640624	1.36	0.0008316	0.95	0.6703
8 rs445114	7 rs388557	107432588	0.60	0.0009669	1.18	0.3729
8 rs445114	7 rs10239213	129543033	2.89	0.0004388	0.99	0.9805
8 rs445114	7 rs2002865	154132035	0.59	0.000001942	1.35	0.02579
8 rs445114	8 rs3739212	27155796	1.38	0.0004447	1.05	0.6561
8 rs445114	8 rs10504152	54292668	0.62	0.000473	1.16	0.3734
8 rs445114	8 rs10504319	62089326	1.87	0.0005678	1.64	0.06244
8 rs445114	8 rs2380564	70767750	1.71	0.0008284	1.02	0.9342
8 rs445114	8 rs7845483	125751706	1.46	0.0002037	1.03	0.7917
8 rs445114	8 rs2172166	127063594	1.59	0.0003588	0.96	0.8068
8 rs445114	8 rs12056444	136861443	0.59	0.0009377	1.12	0.4944
8 rs445114	9 rs9408626	532902	1.94	0.0008908	1.06	0.8114
8 rs445114	9 rs7852365	6058910	1.54	0.0005066	0.93	0.6256
8 rs445114	9 rs10965267	22151828	0.51	0.0003116	0.64	0.05021
8 rs445114	9 rs658081	29555047	1.50	0.0008118	0.97	0.8225
8 rs445114	9 rs10813744	32102903	0.68	0.0006955	0.85	0.2365
8 rs445114	9 rs700806	76467321	0.47	0.0005427	0.59	0.07831
8 rs445114	9 rs10123922	76829753	0.53	0.0003385	1.06	0.8125
8 rs445114	9 rs1571536	89445192	1.44	0.000053	1.10	0.3837
8 rs445114	9 rs955965	89458660	0.58	0.0000036	1.01	0.9448
8 rs445114	9 rs10980350	110220863	1.60	0.0005967	1.26	0.2012
8 rs445114	9 rs12379047	111708717	0.66	0.0001785	1.16	0.258
8 rs445114	9 rs9942928	116379393	1.49	0.000903	1.03	0.8391
8 rs445114	9 rs13283523	124727736	1.43	0.00007414	1.01	0.9026
8 rs445114	10 rs780632	16901406	0.74	0.0007341	0.78	0.02309
8 rs445114	10 rs4748363	17287735	1.51	0.0007958	1.06	0.6593
8 rs445114	10 rs722432	33303870	0.51	0.0004241	0.78	0.2144
8 rs445114	10 rs2103201	50440321	1.76	0.0003482	0.75	0.1439
8 rs445114	10 rs4427464	65257943	1.42	0.0006008	0.88	0.3243

8 rs445114	10 rs10823655	72420675	1.60	0.000973	1.09	0.6554
8 rs445114	10 rs11595067	80049488	0.73	0.0006449	1.05	0.6292
8 rs445114	10 rs2999313	107090673	0.65	0.0004919	0.79	0.1268
8 rs445114	10 rs576289	115121791	2.45	0.0003894	1.03	0.9199
8 rs445114	10 rs12772179	124801718	0.66	0.000142	0.80	0.0805
8 rs445114	10 rs1368531	127270297	0.73	0.0006763	0.89	0.2648
8 rs445114	10 rs11591431	129944641	0.68	0.000347	1.12	0.3984
8 rs445114	10 rs2799395	129945721	0.70	0.00005142	1.16	0.1781
8 rs445114	11 rs12577015	10381085	0.63	0.00006926	1.31	0.05651
8 rs445114	11 rs16910005	11703007	2.10	0.000217	0.89	0.6314
8 rs445114	11 rs16916435	26987252	1.73	0.0008662	1.00	0.9962
8 rs445114	11 rs7933607	34241946	1.67	0.0006472	1.12	0.5255
8 rs445114	11 rs985651	45506586	0.69	0.000464	1.08	0.5416
8 rs445114	11 rs4945128	76377722	1.45	0.00004391	1.19	0.1161
8 rs445114	11 rs10898677	86740256	0.73	0.0007272	1.17	0.184
8 rs445114	11 rs11823745	93629558	2.33	0.0003781	0.95	0.842
8 rs445114	11 rs10895765	96808558	0.70	0.0001232	1.02	0.8302
8 rs445114	11 rs1712790	114126679	1.35	0.0007411	0.95	0.6268
8 rs445114	11 rs1002179	118849617	0.71	0.0004376	0.95	0.6572
8 rs445114	11 rs10892771	121073472	0.73	0.0004858	1.10	0.3954
8 rs445114	11 rs10790454	121095825	0.69	0.0001585	1.02	0.8581
8 rs445114	11 rs4935954	125373925	0.54	0.0004176	1.18	0.4397
8 rs445114	11 rs7944782	130300908	0.70	0.000102	0.92	0.4659
8 rs445114	11 rs11600358	130366454	0.71	0.0007504	0.89	0.3503
8 rs445114	12 rs10743596	26941262	1.47	0.0002596	0.82	0.1101
8 rs445114	12 rs859024	26994124	1.48	0.0005026	0.71	0.01075
8 rs445114	12 rs7135936	65919572	0.69	0.0007917	0.91	0.458
8 rs445114	12 rs17109111	69668882	0.43	0.0002186	1.03	0.9249
8 rs445114	12 rs1406556	79048079	0.73	0.000369	1.19	0.1228
8 rs445114	12 rs10858644	86706130	0.66	0.0001413	1.32	0.03234
8 rs445114	12 rs11108716	95737410	0.65	0.00000794	0.99	0.936
8 rs445114	12 rs759572	95985503	0.73	0.0004501	1.26	0.02894
8 rs445114	12 rs4762213	97680836	0.73	0.0007376	0.89	0.2859
8 rs445114	12 rs1718377	113486957	2.32	0.00003511	0.80	0.4119
8 rs445114	12 rs12424322	114712816	1.68	0.0007415	1.22	0.3227
8 rs445114	13 rs9507572	18650291	1.96	0.0007659	0.86	0.5733
8 rs445114	13 rs1072696	45170229	0.67	0.000511	0.86	0.2614
8 rs445114	13 rs1886792	45181859	0.72	0.0006288	0.76	0.01855
8 rs445114	13 rs17070259	61110001	2.09	0.0007218	0.97	0.8686
8 rs445114	13 rs7992224	70365205	1.44	0.0002055	0.81	0.05564
8 rs445114	13 rs2325352	70388901	1.46	0.00003331	0.95	0.6182
8 rs445114	13 rs803748	70421055	0.72	0.0003825	1.09	0.4494
8 rs445114	13 rs1407998	93876104	1.57	0.0008834	0.99	0.9402
8 rs445114	13 rs4772343	100374968	1.40	0.0005482	0.93	0.5456
8 rs445114	13 rs12864397	101413674	1.50	0.0006171	1.47	0.0188
8 rs445114	13 rs1467761	108517439	1.39	0.0003155	1.06	0.6322
8 rs445114	14 rs7158250	27452305	1.76	0.0009466	1.05	0.7993
8 rs445114	14 rs11627346	38521236	0.59	0.0009529	0.98	0.9265
8 rs445114	14 rs2104199	43478860	1.39	0.0005718	0.98	0.8781
8 rs445114	14 rs11627511	56300551	1.68	0.0001841	1.15	0.3782
8 rs445114	14 rs7156008	62579614	1.53	0.0008969	1.16	0.3698
8 rs445114	14 rs8014403	74525761	1.69	0.0004428	0.87	0.3905

8 rs445114	14 rs175495	74611935	2.15	0.00023	1.00	0.9951
8 rs445114	14 rs10140634	83869586	1.56	0.0007128	1.34	0.07466
8 rs445114	14 rs8017479	91965568	0.74	0.0006466	1.01	0.9603
8 rs445114	14 rs3809403	100542369	0.72	0.0005744	1.27	0.03153
8 rs445114	15 rs9302328	27945800	1.43	0.0009849	0.91	0.4554
8 rs445114	15 rs4923804	36807008	1.74	0.0002948	1.10	0.6451
8 rs445114	15 rs4774557	48220992	1.48	0.0007755	1.00	0.9938
8 rs445114	15 rs2414607	56810507	0.63	0.0003639	1.11	0.4871
8 rs445114	15 rs936896	77672115	0.73	0.0009186	1.19	0.1414
8 rs445114	15 rs17597602	90461708	0.72	0.0009258	1.11	0.3531
8 rs445114	16 rs8047273	6653498	1.42	0.0001983	1.04	0.7293
8 rs445114	16 rs4786924	6712949	0.68	0.0006429	1.04	0.781
8 rs445114	16 rs17141319	6750213	2.03	0.0001755	1.48	0.06663
8 rs445114	16 rs7205882	6755476	1.60	0.0004645	1.26	0.1106
8 rs445114	16 rs4591156	78431684	1.49	0.0005538	0.85	0.247
8 rs445114	16 rs11150225	78447460	1.50	0.0009824	0.86	0.3402
8 rs445114	16 rs8052043	81986485	0.71	0.000937	0.94	0.6053
8 rs445114	16 rs9931258	87815919	1.78	0.0004163	0.94	0.7792
8 rs445114	17 rs2097727	28409856	1.68	0.0009916	1.43	0.08904
8 rs445114	17 rs7212444	28478980	0.72	0.0005188	1.21	0.09628
8 rs445114	17 rs1990263	30053750	1.37	0.000531	0.94	0.5847
8 rs445114	17 rs16970375	30121822	0.62	0.0008679	0.93	0.6953
8 rs445114	17 rs17683047	40201220	0.75	0.0009907	1.28	0.02067
8 rs445114	17 rs242942	41247413	1.67	0.0003095	0.73	0.07813
8 rs445114	17 rs9303510	61965362	0.68	0.0008783	1.11	0.4559
8 rs445114	17 rs2620019	69251751	0.74	0.0009131	1.00	0.9683
8 rs445114	17 rs7503591	78190542	0.69	0.0005515	1.07	0.594
8 rs445114	18 rs17548840	342577	0.70	0.0005676	1.04	0.7953
8 rs445114	18 rs656899	21798141	1.57	0.0007073	0.83	0.2518
8 rs445114	18 rs9948413	43154941	0.70	0.000315	0.88	0.3166
8 rs445114	18 rs9304350	43281413	0.68	0.0003987	0.95	0.6914
8 rs445114	18 rs17072300	59782413	2.14	0.0008696	0.95	0.839
8 rs445114	18 rs11663149	65262208	0.51	0.0005008	1.08	0.764
8 rs445114	18 rs1866732	71062175	0.70	0.0002243	1.17	0.1739
8 rs445114	18 rs6566062	71072851	0.69	0.0003979	1.23	0.1055
8 rs445114	19 rs12981757	14976949	1.52	0.0004805	1.16	0.3568
8 rs445114	19 rs11086103	18263117	1.38	0.000372	1.02	0.841
8 rs445114	20 rs6117185	6193805	0.65	0.0009368	0.86	0.3436
8 rs445114	20 rs2145943	37996659	0.71	0.0002693	1.04	0.769
8 rs445114	20 rs6094017	42721501	0.70	0.0001923	0.96	0.7166
8 rs445114	20 rs6128390	56638309	1.46	0.0004343	1.13	0.4227
8 rs445114	20 rs6026509	56786978	0.63	0.0003125	1.08	0.634
8 rs445114	21 rs2824797	18684231	0.47	0.00000544	1.38	0.1294
8 rs445114	21 rs2824812	18710858	0.71	0.0004371	1.18	0.1743
8 rs445114	22 rs5752036	23713519	0.73	0.000692	0.85	0.1486
8 rs445114	22 rs1009385	32573988	1.50	0.0002064	1.02	0.8631
8 rs445114	22 rs9610402	34856062	0.63	0.0006343	0.84	0.3355
8 rs445114	22 rs132010	43741024	0.67	0.0004308	1.05	0.6888
8 rs6983267	1 rs449327	30196821	0.69	0.0004144	1.17	0.2356
8 rs6983267	1 rs3925058	47509643	0.71	0.0001457	0.92	0.4437
8 rs6983267	1 rs4603175	47586606	0.75	0.0009124	0.87	0.2002
8 rs6983267	1 rs17453329	81512646	1.53	0.0009317	1.05	0.7499

8 rs6983267	1 rs12143626	85633240	0.44	0.000943	0.75	0.272
8 rs6983267	1 rs6427697	159628003	1.33	0.0009408	0.95	0.6706
8 rs6983267	1 rs12097427	161815540	0.60	0.0004661	0.73	0.108
8 rs6983267	1 rs4951338	200961709	0.70	0.00003626	1.03	0.8037
8 rs6983267	1 rs4240944	227368299	0.75	0.0007886	1.11	0.2992
8 rs6983267	1 rs16859769	230316498	1.51	0.00085	0.91	0.547
8 rs6983267	1 rs4262613	230405187	1.47	0.0002314	0.76	0.03412
8 rs6983267	1 rs9435588	230406127	1.35	0.0005639	0.88	0.2177
8 rs6983267	2 rs1976727	14508592	0.68	0.0002228	0.92	0.4796
8 rs6983267	2 rs12615088	19883772	0.46	0.00005039	0.92	0.7262
8 rs6983267	2 rs6543897	35147706	0.37	0.0001365	1.54	0.1406
8 rs6983267	2 rs1861265	40199461	0.72	0.0009958	0.95	0.6595
8 rs6983267	2 rs924114	42650984	0.69	0.00003995	0.82	0.06276
8 rs6983267	2 rs12468708	58798690	1.37	0.0003808	0.87	0.1839
8 rs6983267	2 rs1641155	58876862	0.69	0.00008389	0.97	0.8193
8 rs6983267	2 rs2540324	58880016	0.66	0.000912	1.24	0.1577
8 rs6983267	2 rs1375050	79228077	0.71	0.0003443	1.05	0.6685
8 rs6983267	2 rs1420761	83048300	1.84	0.000518	0.80	0.2411
8 rs6983267	2 rs6748752	111328243	0.55	0.0003176	1.26	0.2384
8 rs6983267	2 rs11890171	111330997	1.64	0.0005007	1.04	0.8365
8 rs6983267	2 rs1398028	111682453	0.71	0.0007883	1.27	0.07042
8 rs6983267	2 rs1398030	111688236	1.50	0.00005459	0.86	0.2499
8 rs6983267	2 rs12463848	116683035	1.65	0.0006906	1.25	0.2499
8 rs6983267	2 rs7586235	116796417	1.47	0.0003753	0.97	0.7977
8 rs6983267	2 rs895406	119725450	0.72	0.0001407	0.98	0.8385
8 rs6983267	2 rs3920297	156441750	0.42	0.0004527	0.89	0.6816
8 rs6983267	2 rs1915815	158948847	2.59	0.0007212	0.72	0.2905
8 rs6983267	2 rs3821289	158996065	1.54	0.0004671	1.08	0.6273
8 rs6983267	2 rs13390393	169424936	0.58	0.0004415	1.18	0.3825
8 rs6983267	2 rs1863167	173507360	0.69	0.00007969	1.03	0.8224
8 rs6983267	2 rs12463612	173747720	1.56	0.0001575	1.11	0.4747
8 rs6983267	2 rs4673309	199972915	0.59	0.0004023	0.74	0.09821
8 rs6983267	2 rs4852124	240416276	1.33	0.0008176	0.92	0.4311
8 rs6983267	3 rs17743487	7946933	1.60	0.0004442	1.03	0.8208
8 rs6983267	3 rs1605519	20267224	1.34	0.000661	0.99	0.903
8 rs6983267	3 rs17006988	20442033	1.60	0.000524	0.78	0.2567
8 rs6983267	3 rs2643818	27591058	0.72	0.0002053	1.06	0.5793
8 rs6983267	3 rs2077164	30307353	0.74	0.0006487	1.01	0.9397
8 rs6983267	3 rs11717554	64494196	0.65	0.0007573	0.99	0.9436
8 rs6983267	3 rs17015773	78151332	1.92	0.0008897	1.44	0.2331
8 rs6983267	3 rs11127782	82774509	0.52	0.000755	0.72	0.1426
8 rs6983267	3 rs13099725	128410628	1.65	0.0003617	1.34	0.06833
8 rs6983267	3 rs1442621	138726195	1.57	0.0006804	1.35	0.06
8 rs6983267	3 rs936189	152118922	0.72	0.0002408	1.17	0.1665
8 rs6983267	3 rs3828371	199158962	0.45	0.0003488	1.74	0.02629
8 rs6983267	4 rs7678335	5570967	0.63	0.0004481	1.04	0.7798
8 rs6983267	4 rs16837352	5622346	1.54	0.000226	0.87	0.3371
8 rs6983267	4 rs6848114	7079745	1.41	0.0003516	0.79	0.04399
8 rs6983267	4 rs6850544	7156421	1.47	0.0002768	0.81	0.1257
8 rs6983267	4 rs13130173	13395801	1.58	0.000948	1.00	0.9991
8 rs6983267	4 rs297298	27400188	0.70	0.0001499	1.01	0.9378
8 rs6983267	4 rs6858606	37817736	1.39	0.0008194	1.02	0.8669

8 rs6983267	4 rs6854717	44274237	1.41	0.0009175	1.03	0.8419
8 rs6983267	4 rs1822698	104741796	1.45	0.0006021	1.30	0.06966
8 rs6983267	4 rs9986032	115821342	0.66	0.0003317	1.46	0.005856
8 rs6983267	4 rs300574	124681343	0.72	0.0003754	1.08	0.4934
8 rs6983267	4 rs963892	125057124	0.67	0.0002035	1.21	0.1237
8 rs6983267	4 rs10519565	142154400	1.64	0.0004416	0.77	0.1369
8 rs6983267	4 rs1364886	142182979	0.66	0.0001199	1.05	0.7101
8 rs6983267	4 rs6844820	167122194	0.73	0.0004181	1.01	0.9428
8 rs6983267	4 rs2331452	170326125	0.65	0.0006837	1.27	0.2091
8 rs6983267	4 rs13150580	171467287	1.89	0.000163	1.15	0.4984
8 rs6983267	4 rs7677777	179058343	1.42	0.0007438	1.08	0.536
8 rs6983267	4 rs227585	188010502	0.69	0.0007211	1.12	0.3868
8 rs6983267	5 rs12515754	3398843	1.39	0.0003508	1.01	0.9533
8 rs6983267	5 rs2925915	9050334	0.65	0.0006384	0.98	0.9223
8 rs6983267	5 rs2245050	11699533	0.71	0.0003396	1.16	0.1885
8 rs6983267	5 rs1862556	28713880	0.48	0.0002563	1.31	0.126
8 rs6983267	5 rs154230	33592447	0.74	0.0006232	1.00	0.985
8 rs6983267	5 rs6897038	33668474	0.61	0.0009997	1.27	0.1531
8 rs6983267	5 rs17370357	57467932	1.75	0.0005096	0.82	0.2336
8 rs6983267	5 rs346420	62564968	0.61	0.0001995	1.03	0.8572
8 rs6983267	5 rs1979015	65176074	0.61	0.0005138	1.24	0.2652
8 rs6983267	5 rs1549604	71026492	1.58	0.0003559	1.18	0.3185
8 rs6983267	5 rs1425542	113902191	1.43	0.0004831	0.97	0.8453
8 rs6983267	5 rs10041078	114161200	1.36	0.0003664	0.88	0.2269
8 rs6983267	5 rs17371316	117970732	1.47	0.0001781	0.92	0.5089
8 rs6983267	5 rs7717807	134820683	0.55	0.0001559	1.04	0.8537
8 rs6983267	5 rs33951	141906092	1.46	0.0001807	0.83	0.1751
8 rs6983267	5 rs11739922	155517714	1.40	0.000148	1.02	0.8393
8 rs6983267	5 rs4921364	160365553	0.51	0.000342	1.38	0.2323
8 rs6983267	5 rs12655524	161944537	2.35	0.000181	1.37	0.2005
8 rs6983267	6 rs6925395	2605049	1.51	0.0002746	1.02	0.8947
8 rs6983267	6 rs2018839	25408718	0.74	0.0009529	0.68	0.0006189
8 rs6983267	6 rs1359781	33870082	1.39	0.0003151	1.09	0.4542
8 rs6983267	6 rs9395218	46935198	0.69	0.0009547	1.18	0.2131
8 rs6983267	6 rs481033	54520930	0.70	0.0002919	1.04	0.7678
8 rs6983267	6 rs1948954	54670894	0.70	0.0001667	1.12	0.3315
8 rs6983267	6 rs16886475	76095614	1.47	0.0005795	0.71	0.01978
8 rs6983267	6 rs2791821	102393894	0.48	0.0003536	0.87	0.5281
8 rs6983267	6 rs1018810	105666302	1.55	0.0009148	0.62	0.01332
8 rs6983267	6 rs3827648	107279093	1.81	0.0005763	1.08	0.7719
8 rs6983267	6 rs516817	137937097	1.46	0.0004168	0.87	0.2856
8 rs6983267	6 rs9373201	138301730	1.37	0.0004619	0.92	0.3927
8 rs6983267	6 rs1468708	139849739	1.36	0.0005385	1.16	0.1844
8 rs6983267	6 rs1590054	145051345	1.37	0.0009493	1.06	0.6112
8 rs6983267	7 rs10266202	8730281	0.73	0.0002625	1.06	0.6222
8 rs6983267	7 rs11770464	25043670	1.44	0.0009096	1.04	0.8063
8 rs6983267	7 rs10239558	34378857	0.68	0.0006005	0.79	0.1057
8 rs6983267	7 rs1006108	42935862	0.71	0.0006374	1.27	0.04168
8 rs6983267	7 rs1569251	53611606	1.66	8.18E-06	0.84	0.2754
8 rs6983267	7 rs4144070	53640734	1.67	0.0001349	0.94	0.7524
8 rs6983267	7 rs4730594	112945775	1.37	0.0005192	1.24	0.0459
8 rs6983267	7 rs11976075	130969132	0.71	0.0001926	0.98	0.8596

8 rs6983267	7 rs6978076	131091680	1.60	0.00007623	0.66	0.01994
8 rs6983267	7 rs6972590	157334298	0.75	0.0007502	1.14	0.22
8 rs6983267	8 rs10093402	1280468	1.42	0.00005866	1.12	0.2916
8 rs6983267	8 rs7013545	5705244	1.55	0.00001147	0.99	0.901
8 rs6983267	8 rs10503390	8707032	0.54	0.0002484	0.73	0.102
8 rs6983267	8 rs9918809	9358369	1.36	0.0009997	1.03	0.7765
8 rs6983267	8 rs10089418	20684141	0.60	0.0008985	0.82	0.3128
8 rs6983267	8 rs1035747	21283211	1.54	0.00002727	1.24	0.07701
8 rs6983267	8 rs890315	21312570	1.46	0.00006103	1.15	0.1947
8 rs6983267	8 rs17676811	22673310	1.34	0.0008698	1.00	0.9641
8 rs6983267	8 rs4733094	31717135	1.40	0.0008566	1.06	0.6667
8 rs6983267	8 rs10087939	32712835	1.65	0.0004163	0.93	0.6605
8 rs6983267	8 rs2141433	35245289	0.62	0.0001151	0.95	0.6969
8 rs6983267	8 rs7012238	40578757	0.53	0.0003234	1.32	0.1446
8 rs6983267	8 rs11985466	69864993	1.71	0.0009155	1.14	0.5001
8 rs6983267	8 rs11984938	80517492	1.73	0.0008029	0.85	0.4755
8 rs6983267	8 rs4437618	98422854	1.56	0.0009218	0.97	0.857
8 rs6983267	8 rs285787	106144424	0.65	0.0003449	0.81	0.1563
8 rs6983267	8 rs1870100	119158261	1.81	0.0008808	1.09	0.71
8 rs6983267	8 rs4870786	123387102	1.39	0.0008709	0.98	0.8648
8 rs6983267	8 rs3739262	134274895	0.73	0.0006612	0.79	0.04861
8 rs6983267	9 rs10117277	9788298	0.48	0.0009178	0.82	0.4921
8 rs6983267	9 rs1916309	14995594	1.50	0.0002934	0.76	0.03446
8 rs6983267	9 rs10810590	16679291	0.60	0.00004327	1.08	0.5912
8 rs6983267	9 rs10814173	34859459	0.69	0.0005438	0.81	0.109
8 rs6983267	9 rs12686139	77720781	1.36	0.000302	0.96	0.6814
8 rs6983267	9 rs2184046	77905071	1.46	0.0002304	1.05	0.6942
8 rs6983267	9 rs4978374	108726538	0.66	0.00005592	1.02	0.8916
8 rs6983267	9 rs2275633	108743676	1.41	0.00006939	1.07	0.5273
8 rs6983267	10 rs7076111	7356969	0.75	0.0009323	1.20	0.0941
8 rs6983267	10 rs2603796	16911462	0.71	0.0001714	1.21	0.07744
8 rs6983267	10 rs1335826	24084471	1.39	0.0006412	1.07	0.5775
8 rs6983267	10 rs1773881	29223278	0.70	0.0002107	1.07	0.5521
8 rs6983267	10 rs12414470	29825460	0.64	0.0003776	1.28	0.08425
8 rs6983267	10 rs10826749	30338528	1.34	0.0006561	1.02	0.8308
8 rs6983267	10 rs7069613	59773147	0.35	0.000398	1.28	0.4287
8 rs6983267	10 rs11191553	104841386	1.42	0.0002519	1.01	0.9322
8 rs6983267	10 rs4523630	110435718	0.72	0.0001846	0.95	0.6112
8 rs6983267	10 rs2901247	122315444	1.41	0.0001253	1.21	0.09182
8 rs6983267	10 rs11597338	122336055	0.71	0.0002603	0.83	0.1144
8 rs6983267	11 rs7126238	10961397	1.36	0.0005795	0.89	0.3189
8 rs6983267	11 rs1106705	19258998	0.72	0.0003142	0.99	0.9432
8 rs6983267	11 rs17531912	19857712	2.14	0.0003283	1.43	0.1758
8 rs6983267	11 rs10500981	24500051	1.80	0.0008859	1.58	0.0312
8 rs6983267	11 rs17309034	26395999	1.51	0.0006575	0.98	0.9127
8 rs6983267	11 rs10767553	26513545	1.40	0.0007002	0.88	0.2895
8 rs6983267	11 rs11036448	41520971	2.25	0.0005012	0.88	0.7091
8 rs6983267	11 rs11038993	46767492	0.75	0.0005894	0.92	0.4751
8 rs6983267	11 rs6591721	55436559	1.38	0.0004019	0.96	0.7224
8 rs6983267	11 rs4939046	55937359	1.64	5.58E-07	0.89	0.3335
8 rs6983267	11 rs11228715	56195641	0.72	0.0003128	0.90	0.3607
8 rs6983267	11 rs7110093	93621003	1.38	0.0002471	1.06	0.5743

8 rs6983267	11 rs566321	96331805	0.71	0.00008276	1.02	0.8326
8 rs6983267	12 rs241980	3704103	0.72	0.0008461	1.08	0.5383
8 rs6983267	12 rs6488711	14824483	0.55	0.00002102	0.78	0.09644
8 rs6983267	12 rs1532208	19938156	1.90	0.0008964	0.75	0.272
8 rs6983267	12 rs922274	27290640	1.49	0.00002259	1.26	0.04919
8 rs6983267	12 rs11172147	55982944	1.42	0.0008601	1.09	0.4443
8 rs6983267	12 rs10784893	69743134	0.58	0.0004859	0.99	0.9689
8 rs6983267	12 rs1458624	73866397	0.59	0.0008756	1.05	0.815
8 rs6983267	12 rs1526969	78087509	0.70	0.0001129	0.99	0.8987
8 rs6983267	12 rs12302628	114713496	1.84	0.0004304	0.94	0.7682
8 rs6983267	12 rs2555283	118145202	0.75	0.0007786	1.11	0.3466
8 rs6983267	12 rs12312623	123241383	0.37	0.0006533	0.60	0.1973
8 rs6983267	13 rs7337913	32810463	0.66	0.0007432	1.08	0.617
8 rs6983267	13 rs9805400	56364561	2.27	0.0001442	0.84	0.6382
8 rs6983267	13 rs9571556	65676662	1.34	0.0008801	0.90	0.3182
8 rs6983267	13 rs7983202	80144010	0.69	0.0008445	1.01	0.9191
8 rs6983267	13 rs12429646	82105139	1.58	0.0004201	0.98	0.8754
8 rs6983267	13 rs9556280	92779273	0.71	0.0009813	0.79	0.06664
8 rs6983267	13 rs17591502	102042584	0.57	0.0005831	0.93	0.7028
8 rs6983267	14 rs8017869	31578767	0.75	0.0007296	1.01	0.92
8 rs6983267	14 rs8018851	51715458	1.39	0.0004161	1.04	0.7548
8 rs6983267	14 rs993268	58688868	1.87	0.000608	1.35	0.1992
8 rs6983267	14 rs11158743	67975727	0.65	0.0005956	0.95	0.721
8 rs6983267	14 rs12147614	78987414	0.61	0.0005611	0.94	0.6998
8 rs6983267	14 rs10148779	79098554	0.55	0.0008753	0.75	0.1538
8 rs6983267	15 rs1017888	57391188	1.37	0.0009491	0.97	0.7851
8 rs6983267	15 rs1106890	60319873	0.72	0.0007181	1.29	0.0264
8 rs6983267	15 rs12442298	78786645	1.55	0.0009795	1.09	0.5693
8 rs6983267	15 rs2082538	85319916	1.42	0.0005602	0.86	0.2108
8 rs6983267	16 rs4474682	6225092	1.42	0.0006106	1.14	0.3168
8 rs6983267	16 rs4372708	7385147	0.57	0.0009557	0.99	0.9816
8 rs6983267	16 rs1344167	12729540	1.44	0.0003968	1.09	0.4929
8 rs6983267	16 rs1898685	13228839	0.60	0.00069	0.90	0.4974
8 rs6983267	16 rs7193523	18873564	0.62	0.0009607	0.93	0.6535
8 rs6983267	16 rs16974689	22870103	0.62	0.0007387	1.30	0.09423
8 rs6983267	16 rs16951846	24340757	1.46	0.000467	0.72	0.02134
8 rs6983267	16 rs12918183	58565924	0.73	0.000412	1.01	0.9474
8 rs6983267	16 rs4783598	65051905	0.52	0.0009243	1.08	0.7153
8 rs6983267	16 rs9935170	83570758	1.38	0.0002471	0.99	0.8982
8 rs6983267	16 rs9921417	83596360	0.70	0.000684	1.05	0.7058
8 rs6983267	17 rs6505523	23216840	1.43	0.00005257	0.85	0.1316
8 rs6983267	17 rs11656109	29655534	1.54	0.0004705	1.27	0.1068
8 rs6983267	17 rs4413004	40462370	0.72	0.0003462	1.03	0.8261
8 rs6983267	17 rs9915259	40473703	1.41	0.0003969	1.14	0.3166
8 rs6983267	17 rs10468525	50038318	0.74	0.0009461	1.01	0.9463
8 rs6983267	17 rs4790945	60802342	0.63	0.00005358	0.89	0.3746
8 rs6983267	17 rs11077757	70122718	0.69	0.00003276	1.05	0.6814
8 rs6983267	17 rs480399	70132849	1.51	3.71E-06	1.00	0.9757
8 rs6983267	18 rs1460599	27161641	1.34	0.0005826	1.15	0.1924
8 rs6983267	18 rs10460050	29667669	0.74	0.0008124	0.98	0.8347
8 rs6983267	18 rs12607404	36155548	1.52	0.0003927	0.98	0.9056
8 rs6983267	18 rs3819128	40049391	1.53	0.0007436	1.22	0.1999

8 rs6983267	18 rs1349626	42341053	0.73	0.0007416	1.04	0.7252
8 rs6983267	18 rs11082532	42359269	0.64	0.0004086	1.02	0.9017
8 rs6983267	18 rs3764465	46825370	0.72	0.0003022	0.86	0.1951
8 rs6983267	18 rs9962772	54302118	0.70	0.0004047	1.03	0.8103
8 rs6983267	18 rs10514170	71283036	1.84	0.0002057	0.93	0.7288
8 rs6983267	20 rs926909	11399707	0.72	0.0008039	0.98	0.8916
8 rs6983267	20 rs6136143	17520757	0.72	0.000349	0.96	0.7054
8 rs6983267	20 rs1326016	54147878	0.60	0.0006444	1.06	0.7183
8 rs6983267	21 rs2403729	14413431	1.51	0.0009038	1.05	0.8028
8 rs6983267	21 rs243700	28137133	1.77	7.14E-06	1.63	0.00358
8 rs6983267	21 rs2832964	30935883	1.35	0.0007499	1.03	0.7723
8 rs6983267	21 rs1734921	40266878	1.39	0.0001838	0.97	0.7677
8 rs6983267	21 rs11701426	41120633	1.51	0.00002765	0.94	0.5619
8 rs6983267	21 rs7278654	44973569	1.66	0.0008389	1.12	0.5369
8 rs6983267	22 rs9609696	31764227	1.47	0.0006489	1.01	0.9257
9 rs1571801	1 rs6678279	7475036	0.39	0.00071	0.72	0.5841
9 rs1571801	1 rs12756835	17440855	1.63	0.0003356	1.20	0.6759
9 rs1571801	1 rs7528422	41037308	1.47	0.0004783	0.85	0.5784
9 rs1571801	1 rs17357836	41059050	0.61	0.0004101	1.00	0.9999
9 rs1571801	1 rs356117	55683780	1.64	0.0006112	1.07	0.8436
9 rs1571801	1 rs9662151	69264695	0.72	0.0009007	1.17	0.5614
9 rs1571801	1 rs912765	87355968	1.45	0.0001786	1.50	0.1618
9 rs1571801	1 rs10875076	97549585	0.66	0.0001706	0.89	0.6823
9 rs1571801	1 rs1777876	101645713	0.66	0.00002736	1.07	0.8017
9 rs1571801	1 rs1182587	104149923	0.71	0.0004125	0.77	0.3398
9 rs1571801	1 rs12239371	107895124	0.61	0.000636	0.88	0.7827
9 rs1571801	1 rs559761	108412679	1.86	0.0000262	0.73	0.3534
9 rs1571801	1 rs10923897	120009337	0.51	0.0001556	0.57	0.2772
9 rs1571801	1 rs16858688	163890585	1.65	0.000928	0.45	0.04982
9 rs1571801	1 rs10779301	214240671	1.51	0.0008231	1.10	0.7637
9 rs1571801	2 rs17013129	33621940	1.75	0.000955	3.02	0.05848
9 rs1571801	2 rs10202598	53442926	0.72	0.0008895	1.02	0.9416
9 rs1571801	2 rs13030077	80004378	0.65	0.00053	1.27	0.4993
9 rs1571801	2 rs17340143	80667959	0.69	0.0001118	1.05	0.8467
9 rs1571801	2 rs10195171	82261874	1.40	0.0008102	0.97	0.9189
9 rs1571801	2 rs6543088	97830799	1.45	0.0007335	1.61	0.1735
9 rs1571801	2 rs11890542	103240619	0.62	0.0007208	1.78	0.2187
9 rs1571801	2 rs9653422	112573873	1.39	0.0007113	0.83	0.489
9 rs1571801	2 rs13387130	121316431	0.46	0.0004435	1.71	0.4004
9 rs1571801	2 rs12463889	148249377	1.39	0.0009832	1.29	0.3652
9 rs1571801	2 rs2287619	169662237	0.52	0.0001847	0.65	0.3879
9 rs1571801	2 rs262254	180729438	0.71	0.0005369	0.62	0.0786
9 rs1571801	2 rs16867204	180816880	0.69	0.0006393	0.83	0.4718
9 rs1571801	2 rs17587775	195277088	0.36	0.0006578	1.06	0.9344
9 rs1571801	2 rs6705720	215090138	0.64	0.0008949	0.50	0.04828
9 rs1571801	2 rs7589782	216279751	0.54	0.0006156	0.74	0.5484
9 rs1571801	2 rs10933327	230867285	1.45	0.0001618	1.07	0.8361
9 rs1571801	2 rs4663132	235087332	0.72	0.000826	1.56	0.112
9 rs1571801	3 rs1394904	16172488	0.56	0.0003097	1.17	0.7046
9 rs1571801	3 rs4858519	19735087	0.69	0.000366	0.77	0.3702
9 rs1571801	3 rs12491852	59430544	0.68	0.0001148	1.17	0.5517
9 rs1571801	3 rs569618	62788482	0.45	0.000907	0.19	0.02507

9 rs1571801	3 rs6445370	63578080	0.61	0.0008779	1.05	0.8832
9 rs1571801	3 rs291501	73911714	2.00	0.0004778	0.59	0.2445
9 rs1571801	3 rs7651338	86312390	0.70	0.0006175	1.31	0.3255
9 rs1571801	3 rs2720269	128793896	1.74	0.0006332	1.07	0.8748
9 rs1571801	3 rs6768709	135691564	0.32	0.0002137	1.08	0.8967
9 rs1571801	3 rs9816964	141476373	0.43	0.0009276	1.05	0.9418
9 rs1571801	3 rs4680130	155597709	1.44	0.0006948	2.11	0.0189
9 rs1571801	3 rs11706651	184795863	0.62	0.0001268	0.54	0.08155
9 rs1571801	4 rs7654086	7583348	0.68	0.00009734	0.90	0.6787
9 rs1571801	4 rs9995399	31225178	0.72	0.0009702	0.95	0.8447
9 rs1571801	4 rs1396069	55210406	1.72	0.0003579	2.65	0.02126
9 rs1571801	4 rs17827760	55337190	0.69	0.0001976	0.91	0.6999
9 rs1571801	4 rs11097537	98342132	1.46	0.0002784	0.54	0.01965
9 rs1571801	4 rs4146266	120882593	2.82	0.0009227	0.58	0.3429
9 rs1571801	4 rs7670292	151461475	1.46	0.0008042	0.62	0.1172
9 rs1571801	4 rs1316364	152518066	0.44	0.0001006	1.32	0.5599
9 rs1571801	4 rs1490555	157609521	1.60	0.0004213	1.35	0.4146
9 rs1571801	4 rs332962	173273710	1.38	0.0009551	1.04	0.8948
9 rs1571801	4 rs10009213	180887793	1.48	0.0008291	0.93	0.8088
9 rs1571801	5 rs6555234	3905314	0.71	0.0004491	1.09	0.7496
9 rs1571801	5 rs6866016	10033315	1.70	0.000827	0.94	0.8549
9 rs1571801	5 rs2247611	36073535	0.48	0.0005194	1.08	0.9242
9 rs1571801	5 rs2964193	57577676	1.99	0.0005202	0.56	0.1497
9 rs1571801	5 rs16872173	74004814	0.60	0.0004574	0.41	0.01688
9 rs1571801	5 rs4703789	79119435	0.60	0.0007871	1.64	0.1938
9 rs1571801	5 rs17160700	107233208	2.00	0.000588	1.28	0.5794
9 rs1571801	5 rs26825	122644111	0.61	0.0003359	1.12	0.7705
9 rs1571801	5 rs2652092	134680388	1.99	0.0009225	0.89	0.7941
9 rs1571801	5 rs867339	174945094	0.62	0.0009621	1.80	0.207
9 rs1571801	6 rs1738824	47207829	1.42	0.0005084	0.85	0.564
9 rs1571801	6 rs7769886	47232643	1.47	0.0002775	0.70	0.2073
9 rs1571801	6 rs6921664	48429369	0.53	0.000337	1.27	0.5613
9 rs1571801	6 rs9454982	70894916	0.65	0.000793	0.97	0.9435
9 rs1571801	6 rs1212603	71875975	2.18	0.000296	1.26	0.6597
9 rs1571801	6 rs6902999	105866239	2.55	0.00009595	1.04	0.949
9 rs1571801	6 rs11964864	110201319	0.69	0.0008503	1.35	0.2971
9 rs1571801	6 rs11962048	112638961	0.44	0.0007263	0.27	0.04784
9 rs1571801	6 rs3822856	116422796	1.44	0.0003834	0.69	0.154
9 rs1571801	6 rs7740762	143586433	1.97	0.0002607	0.50	0.124
9 rs1571801	6 rs3020331	152100894	1.38	0.0009554	0.98	0.9341
9 rs1571801	6 rs578512	153216415	1.46	0.0002418	0.95	0.8705
9 rs1571801	7 rs6977800	7345455	1.53	0.0001567	1.25	0.4296
9 rs1571801	7 rs9785055	8628663	0.59	0.000194	0.79	0.5243
9 rs1571801	7 rs950934	23523510	0.55	0.0009203	0.52	0.2778
9 rs1571801	7 rs12536496	23818475	0.48	0.0001111	1.88	0.4453
9 rs1571801	7 rs310353	28410364	0.65	0.00002568	1.19	0.5085
9 rs1571801	7 rs2329938	51919389	0.68	0.0001139	1.43	0.1936
9 rs1571801	7 rs17140079	67798913	0.53	0.0005645	1.29	0.6578
9 rs1571801	7 rs12705390	106004728	0.63	0.0001761	1.04	0.9004
9 rs1571801	7 rs7793221	135157112	0.60	0.0003376	0.92	0.8091
9 rs1571801	7 rs6963863	146533742	1.61	0.00009892	0.71	0.292
9 rs1571801	8 rs2732973	5501059	1.49	0.00005429	2.43	0.001937

9 rs1571801	8 rs11776232	8162788	1.48	0.0009156	1.45	0.2565
9 rs1571801	8 rs2736280	11260432	1.41	0.0006379	1.22	0.4585
9 rs1571801	8 rs9298491	54200590	0.68	0.0008581	1.34	0.3586
9 rs1571801	8 rs7815589	58805837	2.12	0.0006886	1.19	0.8712
9 rs1571801	8 rs7840690	65401649	2.10	0.00007419	1.00	0.999
9 rs1571801	8 rs2513849	99059394	0.71	0.0005518	1.05	0.8735
9 rs1571801	8 rs12675103	102093988	0.50	0.0009925	1.28	0.5862
9 rs1571801	8 rs1148497	102925693	0.64	0.0001724	1.42	0.3031
9 rs1571801	8 rs7822074	108149427	1.69	0.0003605	1.10	0.8289
9 rs1571801	8 rs3134326	110752980	0.60	0.0007858	1.87	0.1631
9 rs1571801	8 rs7830840	118957077	1.57	0.0002363	0.97	0.9035
9 rs1571801	8 rs2929946	134289873	1.51	0.00005019	1.36	0.262
9 rs1571801	9 rs3920702	68399684	0.65	0.00001009	1.15	0.6057
9 rs1571801	9 rs7020327	76805040	1.41	0.000406	1.10	0.719
9 rs1571801	9 rs7869484	80177844	1.80	0.0009487	0.64	0.33
9 rs1571801	9 rs16912035	95071878	0.58	0.0009292	2.11	0.2745
9 rs1571801	9 rs13296936	108682956	0.69	0.0004168	0.82	0.4758
9 rs1571801	9 rs7042036	116846523	1.44	0.000722	1.34	0.3036
9 rs1571801	9 rs7047145	121901730	1.45	0.0008543	1.09	0.7452
9 rs1571801	9 rs636033	124922255	0.68	0.0001669	1.14	0.6534
9 rs1571801	9 rs2501557	137845097	1.62	0.0004385	2.21	0.05438
9 rs1571801	10 rs10906361	13453919	0.63	0.00001052	1.06	0.842
9 rs1571801	10 rs7922720	13541208	0.70	0.0003345	1.02	0.9583
9 rs1571801	10 rs11819227	13593351	2.33	0.00001265	0.66	0.375
9 rs1571801	10 rs11011732	20336899	1.66	0.0007319	2.75	0.03899
9 rs1571801	10 rs12776025	27279372	0.73	0.0008317	0.57	0.03297
9 rs1571801	10 rs1762003	29055189	0.66	0.00004957	0.71	0.1881
9 rs1571801	10 rs1343678	54483886	1.39	0.0009602	0.92	0.7491
9 rs1571801	10 rs1237521	70965123	0.72	0.0006869	1.18	0.4996
9 rs1571801	10 rs12776858	105514154	1.72	0.000741	1.55	0.3167
9 rs1571801	10 rs1147610	105931157	0.70	0.0003214	0.83	0.4709
9 rs1571801	10 rs537432	116142344	1.42	0.0004378	1.54	0.1233
9 rs1571801	10 rs1570224	116167599	2.07	0.0005747	1.62	0.3535
9 rs1571801	10 rs10160093	116193964	1.42	0.0007313	1.47	0.1515
9 rs1571801	10 rs12268190	116208374	0.71	0.000903	0.87	0.6228
9 rs1571801	10 rs1622217	118527758	1.40	0.0007067	1.03	0.9196
9 rs1571801	11 rs7116074	15452732	1.56	0.0001977	1.17	0.6703
9 rs1571801	11 rs2299638	17400163	0.63	0.0005191	1.10	0.8072
9 rs1571801	11 rs10766631	20116441	0.59	0.0008386	0.65	0.3191
9 rs1571801	11 rs4293115	20877829	1.48	0.00088	1.05	0.8812
9 rs1571801	11 rs1429786	20894431	2.57	0.0005264	2.13	0.2397
9 rs1571801	11 rs16927726	35545178	1.64	0.0004547	0.71	0.3495
9 rs1571801	11 rs2456557	93343020	1.62	0.0000308	0.92	0.8103
9 rs1571801	12 rs4764361	17862142	1.42	0.0008392	0.93	0.81
9 rs1571801	12 rs2304630	30773076	0.71	0.0005485	0.67	0.1457
9 rs1571801	12 rs2043668	64959835	1.49	0.0006255	0.94	0.8407
9 rs1571801	12 rs1947791	76839226	0.62	8.67E-06	0.69	0.2034
9 rs1571801	12 rs17252053	84230416	1.60	0.0005312	0.77	0.4831
9 rs1571801	12 rs12423369	86464566	3.09	0.00007569	2.49	0.2495
9 rs1571801	12 rs12319284	106424696	0.60	0.000267	1.49	0.3752
9 rs1571801	12 rs12425191	106433208	0.69	0.0008862	1.02	0.9462
9 rs1571801	12 rs16947644	116394618	3.57	0.00001269	0.24	0.04037

9 rs1571801	12 rs784852	118358595	0.67	0.00009525	1.24	0.4316
9 rs1571801	13 rs3135629	33307603	1.92	0.0004441	2.00	0.2485
9 rs1571801	13 rs7988551	39634804	1.46	0.0001353	0.68	0.131
9 rs1571801	13 rs9542967	71947706	1.81	0.0008811	0.51	0.1966
9 rs1571801	13 rs10220214	73627277	0.70	0.0006768	1.21	0.4915
9 rs1571801	13 rs7986376	85510117	0.71	0.0009554	0.81	0.3901
9 rs1571801	13 rs10508017	94728686	1.46	0.000163	0.62	0.07122
9 rs1571801	14 rs3909622	35958318	0.68	0.0004416	0.77	0.3845
9 rs1571801	14 rs8017202	64924711	0.55	0.0009645	2.06	0.2762
9 rs1571801	14 rs12435231	77420732	1.82	0.0001653	0.90	0.8012
9 rs1571801	14 rs8007050	79219317	1.85	0.0006639	0.73	0.4527
9 rs1571801	14 rs2033417	88188444	1.59	0.0008834	1.21	0.6219
9 rs1571801	14 rs2181663	89193260	0.68	0.0006469	0.82	0.5335
9 rs1571801	14 rs1952772	89398821	0.61	0.00007796	0.91	0.7555
9 rs1571801	14 rs7156020	97860860	0.38	0.0008063	0.87	0.8534
9 rs1571801	15 rs3097531	25584546	0.54	0.0003142	1.13	0.8291
9 rs1571801	15 rs16950413	25695955	0.47	0.0005505	326700000.00	0.9975
9 rs1571801	15 rs16957279	31741519	1.52	0.00003548	1.22	0.5044
9 rs1571801	15 rs17467239	46930524	1.43	0.0002757	0.86	0.5749
9 rs1571801	15 rs1115995	52821134	1.89	0.0004454	1.45	0.352
9 rs1571801	15 rs11858195	53785887	1.43	0.0006552	0.80	0.3927
9 rs1571801	16 rs1397141	9250868	0.62	0.0004201	1.90	0.1725
9 rs1571801	16 rs6565173	29881668	1.44	0.0003297	1.01	0.97
9 rs1571801	16 rs243853	53992707	0.70	0.0007344	1.19	0.4913
9 rs1571801	16 rs2399560	55414472	0.38	0.0001952	0.84	0.733
9 rs1571801	16 rs12933386	76002010	1.55	0.0008468	1.77	0.1539
9 rs1571801	16 rs4240784	85549747	0.71	0.0004343	0.86	0.5601
9 rs1571801	16 rs12934520	86577164	0.68	0.0003138	0.80	0.3579
9 rs1571801	17 rs4794889	26819348	0.71	0.0007537	1.16	0.5845
9 rs1571801	17 rs1263963	47134066	1.44	0.0003486	1.17	0.5905
9 rs1571801	18 rs12454996	44053392	1.49	0.0006099	1.18	0.6297
9 rs1571801	19 rs16962569	34311969	0.46	0.0003358	0.89	0.8502
9 rs1571801	19 rs10415265	58889573	1.58	0.0001327	0.89	0.7145
9 rs1571801	20 rs17221018	40187216	1.49	0.0001558	0.97	0.903
9 rs1571801	20 rs2299692	42704710	0.36	0.0007627	0.75	0.6519
9 rs1571801	20 rs6065783	43150273	0.65	0.0006651	0.78	0.5273
9 rs1571801	20 rs4624440	46203007	0.66	0.0002968	0.77	0.3866
9 rs1571801	20 rs2426130	47147339	0.51	0.0003461	2.96	0.132
9 rs1571801	21 rs2823806	16736908	1.48	0.0009959	0.70	0.2593
9 rs1571801	21 rs220248	42344967	0.60	0.0008488	0.71	0.4533
9 rs1571801	21 rs1455735	42389446	0.42	0.0004722	0.43	0.2239
9 rs1571801	22 rs5747297	16489946	1.40	0.0006194	1.08	0.7549
9 rs1571801	22 rs4822693	24957732	1.51	0.0009127	1.12	0.7334
9 rs1571801	22 rs5997307	26531693	0.67	0.000347	1.08	0.8378
9 rs1571801	22 rs5754888	32914205	1.39	0.0007593	0.80	0.3782
10 rs10993994	1 rs1983602	19826370	1.76	0.000399	0.75	0.1613
10 rs10993994	1 rs11205665	39259917	0.51	0.00036	1.28	0.3993
10 rs10993994	1 rs11585732	41064229	0.65	0.0004869	1.20	0.3084
10 rs10993994	1 rs839754	43525003	0.72	0.0003238	1.07	0.5643
10 rs10993994	1 rs12058296	66114445	1.43	0.0001691	1.21	0.1037
10 rs10993994	1 rs676269	76806847	1.40	0.000666	0.85	0.174
10 rs10993994	1 rs12132199	82009443	1.38	0.0008623	1.09	0.5047

10 rs10993994	1 rs9659484	92242691	3.90	0.0003582	0.99	0.9708
10 rs10993994	1 rs4845563	150442099	1.39	0.0001081	0.98	0.8585
10 rs10993994	1 rs1336146	153815516	0.74	0.000781	1.11	0.3186
10 rs10993994	1 rs10494309	153931494	0.69	0.000834	1.27	0.1317
10 rs10993994	1 rs17366341	160565938	1.40	0.000894	1.01	0.9233
10 rs10993994	1 rs12750940	171944653	1.45	0.0003352	1.25	0.1044
10 rs10993994	1 rs7520456	175721121	1.34	0.0009375	1.03	0.7804
10 rs10993994	1 rs10157996	182049774	0.73	0.0003862	0.86	0.1823
10 rs10993994	1 rs2294850	206966536	3.50	0.0006453	0.88	0.7048
10 rs10993994	1 rs4546928	218467932	0.66	0.0004385	1.04	0.8045
10 rs10993994	1 rs10788875	245380462	1.51	0.0009626	0.90	0.6528
10 rs10993994	1 rs4584434	245384401	2.03	0.0001303	1.08	0.7657
10 rs10993994	2 rs988179	50740682	0.72	0.0008566	0.98	0.8733
10 rs10993994	2 rs1025131	63273167	1.45	0.0008468	1.08	0.5678
10 rs10993994	2 rs6546272	67057084	0.74	0.0003828	1.17	0.143
10 rs10993994	2 rs6725675	67067747	0.65	0.0006703	1.36	0.04864
10 rs10993994	2 rs17009433	74011666	1.71	0.0004546	1.18	0.4145
10 rs10993994	2 rs11126705	79420947	1.35	0.0007304	1.06	0.6225
10 rs10993994	2 rs4676115	107332517	0.65	0.0003759	0.96	0.7952
10 rs10993994	2 rs12052977	123162446	1.67	0.0001745	0.96	0.8293
10 rs10993994	2 rs10190320	142672626	1.38	0.0007071	0.95	0.6807
10 rs10993994	2 rs10205188	150195073	1.78	0.0003185	0.92	0.6534
10 rs10993994	2 rs11679533	150380935	1.59	0.00008997	1.12	0.4413
10 rs10993994	2 rs6739264	150433138	0.72	0.0004218	0.95	0.6649
10 rs10993994	2 rs2377145	150439471	1.48	0.0003685	1.09	0.5474
10 rs10993994	2 rs13410490	152519956	1.83	0.0000842	1.12	0.5976
10 rs10993994	2 rs3768655	152539531	0.60	0.0004745	0.95	0.7732
10 rs10993994	2 rs12623301	154505923	0.45	0.0001139	1.36	0.1636
10 rs10993994	2 rs13000464	191612374	0.74	0.00046	0.79	0.02946
10 rs10993994	2 rs6753398	212772701	1.71	0.0003285	1.02	0.9234
10 rs10993994	2 rs13418146	215805916	0.42	0.0008771	0.67	0.1508
10 rs10993994	3 rs155840	1451706	0.58	0.0004952	1.10	0.6902
10 rs10993994	3 rs1440525	29649071	1.83	0.0005717	0.98	0.9355
10 rs10993994	3 rs9811632	64804520	1.47	0.0005592	0.78	0.06095
10 rs10993994	3 rs6794294	65618598	0.75	0.0008384	1.07	0.5652
10 rs10993994	3 rs1183655	110529311	2.15	0.0001727	0.98	0.9454
10 rs10993994	3 rs1797616	114319079	1.58	0.0001734	0.87	0.3581
10 rs10993994	3 rs12629515	117922473	1.56	0.000439	1.17	0.2951
10 rs10993994	3 rs9857704	146024770	1.36	0.0008295	1.01	0.9664
10 rs10993994	3 rs9819626	151230280	0.71	0.0002686	1.17	0.1976
10 rs10993994	3 rs16853620	170582819	1.40	0.0006143	1.02	0.8991
10 rs10993994	3 rs6770420	172132451	1.38	0.0002195	1.05	0.6863
10 rs10993994	3 rs674548	184087390	0.65	0.0006282	0.80	0.1806
10 rs10993994	3 rs1020492	190389067	0.74	0.0005186	1.05	0.6561
10 rs10993994	3 rs1584576	190394100	1.36	0.0009934	0.87	0.2182
10 rs10993994	3 rs12487771	195982223	0.70	0.0005001	0.81	0.08697
10 rs10993994	4 rs4235361	10041362	0.54	0.000247	1.35	0.1132
10 rs10993994	4 rs10516208	10338003	0.74	0.0003348	1.12	0.2891
10 rs10993994	4 rs13115026	10346315	1.36	0.0008165	0.94	0.5744
10 rs10993994	4 rs4859406	77017679	0.75	0.0009123	0.96	0.6869
10 rs10993994	4 rs17024269	96898509	2.00	0.0004928	1.03	0.8939
10 rs10993994	4 rs17015869	143580334	0.66	0.000989	0.95	0.7752

10 rs10993994	4 rs17037864	160251996	1.58	0.0005659	1.00	0.9867
10 rs10993994	4 rs12498847	160286512	1.39	0.0004642	1.18	0.1554
10 rs10993994	4 rs4350954	178310248	0.75	0.0007865	0.89	0.2859
10 rs10993994	4 rs2309537	183010452	0.71	0.0005131	0.83	0.1852
10 rs10993994	4 rs13123635	186879590	0.67	0.0002334	0.90	0.4492
10 rs10993994	5 rs17443474	32768617	0.53	0.0002868	0.90	0.6506
10 rs10993994	5 rs459172	55603322	0.72	0.0002608	1.00	0.9755
10 rs10993994	5 rs6864250	76485946	0.72	0.0001979	0.99	0.9486
10 rs10993994	5 rs2972339	76503286	0.74	0.0006731	0.98	0.8309
10 rs10993994	5 rs33714	87548288	1.41	0.0008501	1.21	0.1766
10 rs10993994	5 rs10039507	98386598	1.85	0.0006958	1.04	0.8529
10 rs10993994	5 rs254226	115913181	1.51	0.0001296	0.96	0.7505
10 rs10993994	5 rs17145616	119010597	1.54	0.000699	1.31	0.08906
10 rs10993994	5 rs17618187	128720813	1.36	0.000706	0.83	0.106
10 rs10993994	5 rs6897548	148322249	1.54	0.0004379	1.56	0.003837
10 rs10993994	5 rs42673	154658886	0.68	0.000807	1.01	0.9471
10 rs10993994	5 rs6862611	159716937	0.59	0.0003258	0.94	0.7024
10 rs10993994	5 rs9313913	161536536	0.69	0.0002348	1.09	0.4863
10 rs10993994	5 rs17285868	163631534	0.68	0.0008639	0.81	0.1245
10 rs10993994	5 rs10079693	175063703	0.57	0.000193	1.30	0.1997
10 rs10993994	5 rs12719855	178001582	1.49	0.0005494	1.41	0.03259
10 rs10993994	6 rs17733807	4009340	0.59	0.000287	0.80	0.2655
10 rs10993994	6 rs5028948	20731184	0.73	0.0002131	0.96	0.6849
10 rs10993994	6 rs12055697	25411079	0.58	0.000416	1.15	0.5874
10 rs10993994	6 rs9275690	32795698	1.47	0.0004056	1.25	0.1189
10 rs10993994	6 rs11757663	40151180	0.48	0.0008088	1.21	0.4696
10 rs10993994	6 rs1231690	91244330	1.55	0.0000223	0.86	0.2883
10 rs10993994	6 rs9399284	100340591	1.37	0.0003642	0.85	0.1233
10 rs10993994	6 rs17075102	113824414	1.87	0.00004009	0.65	0.02135
10 rs10993994	6 rs4946631	123124355	0.54	0.0001822	0.62	0.01449
10 rs10993994	6 rs11751990	130829469	1.75	0.00004993	0.97	0.8331
10 rs10993994	6 rs11155086	140191586	0.73	0.0005604	1.00	0.9798
10 rs10993994	6 rs9376517	140718454	0.66	0.00004902	0.91	0.472
10 rs10993994	6 rs6916835	152182138	0.68	0.0007086	0.99	0.93
10 rs10993994	6 rs4407724	152775527	1.36	0.0008944	0.90	0.3902
10 rs10993994	6 rs6911312	154853397	0.71	0.00007792	0.81	0.05738
10 rs10993994	6 rs1205665	163538486	0.72	0.0002576	0.92	0.4803
10 rs10993994	6 rs7763289	170483609	0.73	0.00091	0.96	0.7445
10 rs10993994	7 rs4719676	2593444	1.50	0.0002816	1.08	0.5931
10 rs10993994	7 rs1178176	18572070	1.47	0.000373	1.01	0.9494
10 rs10993994	7 rs13235830	35224140	1.35	0.0007528	0.80	0.05318
10 rs10993994	7 rs2302535	54928897	1.41	0.0005544	1.00	0.9943
10 rs10993994	7 rs11977086	81948152	0.39	0.0001808	1.06	0.8774
10 rs10993994	7 rs2040875	83352889	0.65	0.0008774	1.21	0.2741
10 rs10993994	7 rs7808864	83367998	0.69	0.0005182	1.25	0.104
10 rs10993994	7 rs4308660	84956054	0.59	0.0007304	1.58	0.04776
10 rs10993994	7 rs717708	85203029	1.40	0.0006685	1.08	0.5324
10 rs10993994	7 rs41441	85419283	1.59	0.0003383	1.18	0.2779
10 rs10993994	7 rs2250343	112352645	1.48	0.0006374	1.09	0.5316
10 rs10993994	7 rs269220	139730181	0.75	0.0009892	0.91	0.404
10 rs10993994	8 rs4876003	2433825	0.69	0.0001988	0.97	0.8185
10 rs10993994	8 rs1483809	2436906	0.64	0.0002195	0.93	0.659

10 rs10993994	8 rs6558922	4687540	0.64	0.0005451	1.09	0.5732
10 rs10993994	8 rs9314379	29497880	0.55	0.0007396	1.51	0.07491
10 rs10993994	8 rs10954792	29966034	1.37	0.0006363	1.22	0.1033
10 rs10993994	8 rs7013855	61305549	1.63	0.0007706	1.11	0.5223
10 rs10993994	8 rs2625414	63342562	0.47	0.0003687	0.82	0.4945
10 rs10993994	8 rs4738371	74556180	1.39	0.000706	0.97	0.81
10 rs10993994	8 rs4738372	74556620	1.33	0.0009143	0.94	0.542
10 rs10993994	8 rs785964	84382402	0.68	0.0004034	1.22	0.1758
10 rs10993994	8 rs12335126	84851120	1.37	0.0003784	0.86	0.1623
10 rs10993994	8 rs7841798	108802606	0.73	0.0007859	1.22	0.09253
10 rs10993994	8 rs4573245	111895484	0.67	0.0005058	0.98	0.8947
10 rs10993994	8 rs16896527	123075319	1.49	0.0006959	0.91	0.5341
10 rs10993994	8 rs1329803	132071758	1.36	0.0005843	0.75	0.008144
10 rs10993994	8 rs7835689	132440005	0.58	0.0006628	1.54	0.05158
10 rs10993994	8 rs6471070	133552166	1.45	0.0007222	0.99	0.9131
10 rs10993994	8 rs924768	134920548	1.35	0.0006651	1.18	0.1381
10 rs10993994	9 rs3780375	5099431	1.50	0.0001543	1.01	0.9232
10 rs10993994	9 rs4742202	6420598	1.45	0.0009572	1.11	0.4441
10 rs10993994	9 rs12686617	9453332	0.73	0.0008178	0.98	0.8888
10 rs10993994	9 rs633719	9516138	0.63	0.000213	1.09	0.6137
10 rs10993994	9 rs17792943	10563347	1.41	0.0005573	0.79	0.05048
10 rs10993994	9 rs1359848	13764683	1.46	0.00002771	0.98	0.8289
10 rs10993994	9 rs1887455	37478725	1.41	0.000213	1.15	0.2384
10 rs10993994	9 rs11143483	72970036	0.75	0.0004854	0.98	0.8333
10 rs10993994	9 rs2209882	79166970	1.71	0.000569	0.98	0.9099
10 rs10993994	9 rs1999122	94453207	1.37	0.0003213	1.04	0.7323
10 rs10993994	9 rs10990524	102928278	1.59	0.000399	0.74	0.06278
10 rs10993994	9 rs13292657	105782630	0.55	0.0002644	0.92	0.7322
10 rs10993994	9 rs13284736	109331304	1.37	0.0009697	1.06	0.6419
10 rs10993994	9 rs1409637	116665017	1.48	0.0002867	0.94	0.6403
10 rs10993994	9 rs16927114	123918982	2.40	0.0001192	0.92	0.7107
10 rs10993994	9 rs10760430	126245642	0.70	0.0005153	1.00	0.9954
10 rs10993994	9 rs7862560	132059593	0.74	0.0007757	1.19	0.1544
10 rs10993994	10 rs1574318	2957596	1.38	0.0004501	1.11	0.3362
10 rs10993994	10 rs604663	6544132	1.34	0.0006505	0.96	0.7025
10 rs10993994	10 rs4749487	30074383	1.50	0.000185	1.27	0.06734
10 rs10993994	10 rs11000459	53443290	1.43	0.0005961	0.96	0.7634
10 rs10993994	10 rs12777563	59080903	1.45	0.0005851	0.98	0.8563
10 rs10993994	10 rs1341616	72582138	0.70	0.00008252	0.99	0.9419
10 rs10993994	10 rs2255684	89409951	0.72	0.0002217	1.04	0.7474
10 rs10993994	10 rs1980647	89412267	1.36	0.0008159	1.01	0.92
10 rs10993994	10 rs12414821	131818633	1.53	0.0009579	1.27	0.1212
10 rs10993994	11 rs12270581	19136477	1.37	0.0009411	0.97	0.8369
10 rs10993994	11 rs4923433	27187126	0.67	0.0006864	0.84	0.3152
10 rs10993994	11 rs1222208	30317953	1.47	0.0005254	0.87	0.2895
10 rs10993994	11 rs11032810	34658182	0.53	0.0009572	1.09	0.7289
10 rs10993994	11 rs6484855	36407515	0.75	0.0009526	1.03	0.8168
10 rs10993994	11 rs10742373	36422029	0.71	0.0000933	0.98	0.838
10 rs10993994	11 rs11224567	100418658	0.65	0.0003358	0.89	0.4531
10 rs10993994	11 rs11822667	126965781	2.05	0.0007118	1.42	0.287
10 rs10993994	11 rs11823005	130511925	1.80	0.0001313	1.08	0.7199
10 rs10993994	12 rs10849189	4982288	1.90	0.0001826	0.99	0.9478

10 rs10993994	12 rs6487064	20226964	1.44	0.0001368	1.08	0.529
10 rs10993994	12 rs11170937	53171239	0.66	0.0009053	0.79	0.1363
10 rs10993994	12 rs1691607	53175287	0.73	0.0001945	0.85	0.144
10 rs10993994	12 rs1239917	68734138	0.75	0.0009078	1.12	0.3021
10 rs10993994	12 rs7306225	90347623	1.61	0.0004017	1.09	0.6245
10 rs10993994	12 rs2730446	117763908	1.58	0.0008485	0.95	0.7664
10 rs10993994	12 rs4403877	119935725	0.59	0.0007307	1.25	0.2449
10 rs10993994	12 rs5744990	131822932	1.49	0.0008602	1.03	0.8177
10 rs10993994	13 rs7328675	20976174	1.47	0.00009933	0.99	0.9117
10 rs10993994	13 rs6490662	21051280	1.34	0.0007287	1.13	0.2531
10 rs10993994	13 rs7317661	77064835	0.73	0.0009597	1.11	0.3799
10 rs10993994	13 rs6563011	77076452	0.56	0.0002497	1.54	0.06815
10 rs10993994	13 rs7996126	85158895	1.39	0.0001879	1.10	0.3744
10 rs10993994	13 rs7329514	94714801	0.49	0.0004193	0.80	0.4515
10 rs10993994	13 rs9519494	104294803	1.42	0.0001876	0.95	0.6622
10 rs10993994	14 rs7160536	32977247	1.52	0.0007979	1.27	0.1946
10 rs10993994	14 rs2878169	54395743	1.70	0.0005495	1.18	0.3716
10 rs10993994	14 rs7145108	65449224	1.43	0.0008701	1.16	0.3069
10 rs10993994	14 rs2359737	75071810	0.71	0.0004381	0.91	0.4724
10 rs10993994	14 rs7142548	76320661	0.74	0.0005624	0.99	0.9471
10 rs10993994	14 rs11159269	77046078	0.64	0.0001426	1.44	0.02555
10 rs10993994	14 rs12436626	77049471	0.56	0.0003197	1.45	0.09706
10 rs10993994	14 rs8006322	78724765	1.38	0.0006	0.97	0.7637
10 rs10993994	14 rs7147013	82565742	0.68	0.0008464	1.03	0.837
10 rs10993994	14 rs1601343	86750489	1.47	0.00007927	1.06	0.6374
10 rs10993994	14 rs2073328	90321823	1.67	0.0006827	0.63	0.003141
10 rs10993994	15 rs11633430	31375987	1.66	0.0001031	1.03	0.8964
10 rs10993994	15 rs12911377	51175266	0.71	0.0008982	0.91	0.5176
10 rs10993994	15 rs17819509	54561241	0.41	9.66E-06	0.84	0.4306
10 rs10993994	15 rs16967947	74261010	1.67	0.0002128	1.12	0.4671
10 rs10993994	15 rs2456050	74266145	1.45	0.0002255	1.03	0.8139
10 rs10993994	15 rs1551971	83944508	1.69	0.000102	1.20	0.2872
10 rs10993994	15 rs8042438	83965937	1.88	0.0002909	1.21	0.387
10 rs10993994	15 rs1105704	84095010	1.46	0.0006131	1.08	0.5679
10 rs10993994	16 rs716567	7317908	0.73	0.0007573	1.00	0.9958
10 rs10993994	16 rs3785240	7562242	1.85	0.000182	1.30	0.2039
10 rs10993994	16 rs17226741	49496936	0.57	0.0002812	0.77	0.09905
10 rs10993994	16 rs4784967	57272628	0.63	0.0003127	0.85	0.3052
10 rs10993994	16 rs8058363	82267067	0.29	0.00005439	0.47	0.0358
10 rs10993994	17 rs11869614	16295768	1.44	0.0001777	0.87	0.2358
10 rs10993994	17 rs4796759	37428367	1.64	0.0001292	0.89	0.4512
10 rs10993994	17 rs12453496	52172766	0.73	0.0005081	0.95	0.658
10 rs10993994	17 rs9916431	59670386	0.69	0.0003018	1.08	0.5606
10 rs10993994	18 rs1662312	3210450	0.53	0.0004881	0.70	0.08295
10 rs10993994	18 rs11659984	34365126	1.40	0.0008128	1.09	0.4707
10 rs10993994	18 rs2849760	35223460	1.96	0.000359	1.18	0.4757
10 rs10993994	18 rs7241566	73676037	1.36	0.000806	0.88	0.291
10 rs10993994	19 rs4809210	15544645	1.42	0.0005869	1.11	0.4648
10 rs10993994	19 rs3794989	15584528	1.39	0.0003507	0.99	0.9283
10 rs10993994	19 rs11881456	15914250	0.68	0.0009327	0.97	0.8288
10 rs10993994	19 rs8112673	37193129	0.52	0.0002339	0.78	0.2805
10 rs10993994	20 rs6076612	4021370	0.71	0.0003791	1.02	0.8778

10 rs10993994	20 rs6039278	8727673	0.39	0.00006006	1.09	0.8028
10 rs10993994	20 rs6025579	55473019	0.69	0.0002702	0.92	0.5922
10 rs10993994	20 rs2902991	55500962	0.74	0.0009182	1.01	0.9573
10 rs10993994	21 rs2183582	41325887	1.59	0.0009901	0.98	0.8874
10 rs10993994	22 rs670264	32495933	1.40	0.0003124	1.10	0.4036
10 rs4962416	1 rs6429732	15304244	1.44	0.000677	0.91	0.4782
10 rs4962416	1 rs12044504	23216402	0.67	0.0009505	0.98	0.9255
10 rs4962416	1 rs274588	74654693	0.72	0.0009969	1.20	0.1581
10 rs4962416	1 rs10922563	89258824	1.42	0.0009056	1.05	0.7191
10 rs4962416	1 rs17016893	104258058	3.56	0.0003436	0.94	0.89
10 rs4962416	1 rs10733097	118014414	1.59	0.0007406	0.81	0.2083
10 rs4962416	1 rs6689034	204834583	0.63	0.0003103	1.22	0.2359
10 rs4962416	2 rs1024143	2455460	0.49	0.0009816	1.01	0.9835
10 rs4962416	2 rs16863632	5418410	0.53	0.0009287	0.82	0.4382
10 rs4962416	2 rs11904476	29644688	1.74	0.0004728	1.07	0.7399
10 rs4962416	2 rs2264692	57643595	0.52	0.0001374	0.75	0.2574
10 rs4962416	2 rs6738024	64116770	2.29	0.0004853	1.39	0.2917
10 rs4962416	2 rs17428000	98357103	1.96	0.0006224	1.00	0.9905
10 rs4962416	2 rs1541434	102022052	0.68	0.0001025	0.93	0.5744
10 rs4962416	2 rs740273	102057917	1.44	0.0004121	0.99	0.9611
10 rs4962416	2 rs11676463	102138702	1.47	0.0009073	0.96	0.7608
10 rs4962416	2 rs938872	103886477	0.65	0.0008097	0.92	0.6394
10 rs4962416	2 rs7568278	104395063	0.45	0.0004066	1.35	0.2443
10 rs4962416	2 rs4848110	121187766	0.66	0.0001111	0.94	0.7018
10 rs4962416	2 rs12996713	129199336	0.74	0.0008951	0.95	0.6622
10 rs4962416	2 rs1471887	140836154	0.42	0.0002065	1.02	0.9509
10 rs4962416	2 rs1357966	141667353	1.74	0.0002604	1.03	0.9039
10 rs4962416	2 rs1249429	141776471	0.71	0.0006249	0.84	0.1793
10 rs4962416	2 rs13033532	156135411	1.37	0.0008194	0.96	0.7657
10 rs4962416	2 rs877635	160728354	0.73	0.0004819	0.79	0.05547
10 rs4962416	2 rs11897691	160795932	0.71	0.0005624	0.95	0.7203
10 rs4962416	2 rs3769466	201037111	0.66	0.0002748	0.89	0.5171
10 rs4962416	2 rs2663872	208388633	0.49	0.0005953	1.18	0.5837
10 rs4962416	2 rs876853	209836998	1.59	0.0000171	1.01	0.9246
10 rs4962416	2 rs2551201	222508441	1.37	0.0009209	1.01	0.9449
10 rs4962416	2 rs10460436	232640846	0.30	0.0009138	0.76	0.3904
10 rs4962416	2 rs1876714	235159493	0.65	0.0002607	1.02	0.8866
10 rs4962416	2 rs2645766	238039896	0.65	0.0009187	0.98	0.9043
10 rs4962416	3 rs7647462	6229257	0.73	0.0008959	0.97	0.7858
10 rs4962416	3 rs12633811	84045573	0.72	0.0008029	1.06	0.6431
10 rs4962416	3 rs777903	105861811	0.72	0.0005121	0.93	0.5562
10 rs4962416	3 rs2932061	112463446	1.50	0.0003501	1.00	0.9807
10 rs4962416	3 rs2698351	112661390	1.54	0.000371	0.76	0.07007
10 rs4962416	3 rs6444891	171257523	0.64	0.0002304	0.76	0.1158
10 rs4962416	3 rs6770368	182191889	1.50	0.0006382	0.94	0.6994
10 rs4962416	3 rs3109465	182347437	0.64	0.0007709	0.84	0.3067
10 rs4962416	4 rs12647998	25180158	1.44	0.0003192	0.73	0.01687
10 rs4962416	4 rs7691134	32862361	0.63	0.000822	1.38	0.1681
10 rs4962416	4 rs17088979	58655767	1.38	0.0008448	1.08	0.5317
10 rs4962416	4 rs6851219	77537009	0.55	0.0004381	1.05	0.7895
10 rs4962416	4 rs7681664	114908087	0.58	0.0004799	1.07	0.8158
10 rs4962416	4 rs6533707	114942343	0.49	0.0004763	1.73	0.08561

10 rs4962416	4 rs6841480	140524999	1.46	0.0005165	0.94	0.6882
10 rs4962416	4 rs4863683	141033990	1.55	0.0001597	1.14	0.3873
10 rs4962416	4 rs6831959	141034585	1.39	0.0006988	1.00	0.9978
10 rs4962416	4 rs7676879	165798474	0.72	0.0008371	0.77	0.05359
10 rs4962416	4 rs6552216	178487153	1.53	0.0003506	0.94	0.6968
10 rs4962416	5 rs10040003	6406731	0.59	0.0003648	0.86	0.4893
10 rs4962416	5 rs1013699	9841350	0.71	0.0003206	0.82	0.1097
10 rs4962416	5 rs3094364	9862917	1.68	4.18E-06	1.05	0.7383
10 rs4962416	5 rs1173723	32870969	0.69	0.00008324	0.92	0.51
10 rs4962416	5 rs6864343	41614811	1.88	0.0007099	0.60	0.03463
10 rs4962416	5 rs6885560	41657338	1.61	0.0005573	0.63	0.007097
10 rs4962416	5 rs2910471	61459037	2.12	2.79E-06	1.03	0.8921
10 rs4962416	5 rs4700003	61512814	1.51	0.0002689	1.04	0.774
10 rs4962416	5 rs3842912	61594233	2.03	0.0006609	1.05	0.8402
10 rs4962416	5 rs10085160	72627499	1.48	0.0003272	0.93	0.6134
10 rs4962416	5 rs12518031	125482446	2.04	0.0001132	1.20	0.4928
10 rs4962416	5 rs468229	127671617	0.63	0.0001363	1.01	0.95
10 rs4962416	5 rs244670	133446638	1.68	0.000657	1.26	0.1911
10 rs4962416	5 rs6882623	149579567	2.48	0.0008615	1.83	0.1248
10 rs4962416	5 rs12658385	159032920	0.67	0.0005603	1.37	0.07162
10 rs4962416	5 rs11135088	159393888	1.71	0.0003088	0.92	0.6275
10 rs4962416	6 rs6904862	23483510	0.69	0.0004583	0.97	0.8217
10 rs4962416	6 rs2101582	26730713	0.73	0.0006591	0.87	0.2902
10 rs4962416	6 rs9468915	31358780	0.63	0.0005626	1.28	0.2143
10 rs4962416	6 rs3916765	32793528	1.83	0.0001145	0.81	0.2377
10 rs4962416	6 rs3901254	37767278	0.61	0.000881	0.91	0.5863
10 rs4962416	6 rs4714560	42134168	0.68	0.0009582	0.96	0.7875
10 rs4962416	6 rs1327270	51401289	1.41	0.0009441	1.03	0.813
10 rs4962416	6 rs4712004	52345897	0.60	0.0006745	0.93	0.7493
10 rs4962416	6 rs1563610	70566078	1.51	0.0001626	0.95	0.7028
10 rs4962416	6 rs10498950	85801584	0.68	0.0008754	1.10	0.5514
10 rs4962416	6 rs221647	105646523	0.54	0.000505	1.08	0.7444
10 rs4962416	6 rs637547	124952087	1.75	0.000439	1.49	0.05492
10 rs4962416	6 rs953863	154714753	0.41	0.0007566	0.91	0.813
10 rs4962416	7 rs12113707	32889485	0.72	0.0007604	0.99	0.9323
10 rs4962416	7 rs2237420	41874733	1.43	0.0005239	1.37	0.02193
10 rs4962416	7 rs4273807	51169069	0.73	0.0004352	0.90	0.3958
10 rs4962416	7 rs4281012	66304123	1.68	0.0009969	0.72	0.08782
10 rs4962416	7 rs3113303	67994295	0.71	0.0006715	1.03	0.8531
10 rs4962416	7 rs1426474	135415516	0.44	0.0004784	0.91	0.7756
10 rs4962416	8 rs12679454	31732298	0.47	0.0005823	1.16	0.6715
10 rs4962416	8 rs2291217	75057302	1.47	0.0001556	0.90	0.4124
10 rs4962416	8 rs936889	79060481	0.70	0.0006784	1.03	0.8156
10 rs4962416	8 rs7008715	81232410	1.45	0.0001335	1.00	0.9823
10 rs4962416	8 rs160420	90697858	0.58	0.0002352	1.01	0.9716
10 rs4962416	8 rs10086056	122441750	0.68	0.00004688	1.16	0.257
10 rs4962416	8 rs16893043	124936555	0.62	0.0007595	1.15	0.4773
10 rs4962416	8 rs6992166	136494294	2.42	0.0002085	0.66	0.08446
10 rs4962416	9 rs4111491	4254425	0.67	0.0003841	0.84	0.2617
10 rs4962416	9 rs150409	10118645	1.42	0.0002198	1.20	0.1393
10 rs4962416	9 rs10756461	13175149	0.66	0.00001889	0.97	0.8346
10 rs4962416	9 rs11793993	13255893	0.64	2.21E-06	1.00	0.9958

10 rs4962416	9 rs10813818	32439244	1.40	0.0007271	0.95	0.7002
10 rs4962416	9 rs11789773	73386684	1.56	0.0002262	1.36	0.05848
10 rs4962416	9 rs10820381	102977737	1.78	0.0001065	1.15	0.4908
10 rs4962416	9 rs7032883	103521601	0.66	0.0008713	0.93	0.6382
10 rs4962416	9 rs16905585	117230287	0.65	0.0001979	1.02	0.8915
10 rs4962416	9 rs7866507	119051914	1.41	0.0007094	0.89	0.3655
10 rs4962416	9 rs10776925	135133293	1.42	0.000246	1.04	0.7495
10 rs4962416	10 rs7923998	9710437	0.70	0.0003758	1.22	0.1594
10 rs4962416	10 rs11256586	10470833	0.72	0.0004689	0.78	0.0592
10 rs4962416	10 rs11256715	10712073	0.73	0.000835	0.80	0.08342
10 rs4962416	10 rs1439777	80274620	1.58	0.0002151	0.82	0.2118
10 rs4962416	10 rs1274343	92259991	0.58	0.0001184	1.01	0.9603
10 rs4962416	10 rs11189444	99679091	1.59	0.0008481	0.89	0.5367
10 rs4962416	10 rs1269918	108345864	0.70	0.0001197	1.07	0.5963
10 rs4962416	10 rs2459216	126076316	2.72	0.0006768	0.99	0.9829
10 rs4962416	10 rs2629529	126524405	0.65	0.0001292	0.98	0.909
10 rs4962416	11 rs12273015	11244173	1.99	0.0003493	1.23	0.5076
10 rs4962416	11 rs11031118	30476739	1.43	0.0005277	1.28	0.05704
10 rs4962416	11 rs7929195	36415162	0.55	0.00004049	1.44	0.1022
10 rs4962416	11 rs764849	36925830	0.50	0.000392	1.03	0.9307
10 rs4962416	11 rs518385	56301321	1.40	0.0002117	1.07	0.591
10 rs4962416	11 rs7942719	85515017	0.66	0.0008707	0.79	0.1348
10 rs4962416	11 rs10898438	85535901	0.73	0.0005245	0.99	0.9095
10 rs4962416	11 rs11235119	86757814	0.73	0.0009714	0.86	0.2525
10 rs4962416	11 rs2852069	97668623	1.51	0.0005969	1.14	0.3986
10 rs4962416	11 rs1481977	102974608	1.66	0.0002817	0.92	0.6483
10 rs4962416	11 rs17543669	113367667	2.33	0.0003075	1.00	0.9982
10 rs4962416	11 rs948404	119655743	0.64	0.00021	1.09	0.6272
10 rs4962416	11 rs7951628	119666327	0.70	0.0005407	1.03	0.819
10 rs4962416	11 rs1002777	124949814	0.68	0.000103	1.11	0.4198
10 rs4962416	11 rs7125657	128762678	0.59	0.0002129	1.17	0.4727
10 rs4962416	12 rs10849124	4693176	0.60	0.0009828	1.13	0.5841
10 rs4962416	12 rs7312492	6420012	0.72	0.0007866	1.19	0.191
10 rs4962416	12 rs10842434	24983390	0.48	0.0002745	0.72	0.3511
10 rs4962416	12 rs1989911	45688176	1.44	0.0003982	1.19	0.2508
10 rs4962416	12 rs12818241	46443286	1.56	0.0007191	1.10	0.5843
10 rs4962416	12 rs2288367	49977018	1.70	0.0008195	1.21	0.3465
10 rs4962416	12 rs11169869	50210591	2.07	0.0003816	1.39	0.2467
10 rs4962416	12 rs3741644	66338445	1.39	0.000471	0.98	0.8811
10 rs4962416	12 rs7964667	78813032	2.04	0.0007964	0.95	0.8226
10 rs4962416	12 rs2120576	91732657	1.67	0.0008393	0.92	0.6737
10 rs4962416	12 rs11108965	96196086	0.67	0.0005604	0.99	0.9281
10 rs4962416	12 rs10860647	99744566	0.70	0.0002061	0.99	0.935
10 rs4962416	12 rs10860648	99748070	1.42	0.0002922	1.08	0.5464
10 rs4962416	12 rs12296349	99813841	2.30	0.0005533	1.99	0.04275
10 rs4962416	12 rs10861572	105191043	1.50	0.0001429	0.97	0.8249
10 rs4962416	12 rs7295604	111751512	0.35	0.00005055	0.97	0.9183
10 rs4962416	12 rs7136520	130258313	0.71	0.0003085	1.04	0.7659
10 rs4962416	13 rs953977	39598622	0.69	0.0005379	1.08	0.5906
10 rs4962416	13 rs9595095	43748295	0.73	0.0009259	1.10	0.465
10 rs4962416	13 rs9538737	60005314	1.61	0.0003153	0.86	0.387
10 rs4962416	13 rs7982369	60192819	0.70	0.0006377	1.05	0.7507

10 rs4962416	13 rs12869360	73665773	1.72	0.0004501	0.84	0.4141
10 rs4962416	13 rs9543648	73923652	1.47	0.00005638	0.89	0.3472
10 rs4962416	13 rs9285289	73943307	0.71	0.0005468	1.17	0.2433
10 rs4962416	13 rs1577066	83242210	0.34	0.0003308	0.67	0.2645
10 rs4962416	13 rs336214	109331094	1.39	0.0003397	1.12	0.3641
10 rs4962416	13 rs1982314	109649496	0.73	0.000877	1.29	0.05914
10 rs4962416	14 rs7147677	39981108	0.40	0.000675	1.52	0.3082
10 rs4962416	14 rs1209087	54562970	0.72	0.0006841	1.00	0.9877
10 rs4962416	14 rs10145296	57391087	2.19	0.0007165	0.77	0.3289
10 rs4962416	14 rs435006	64394985	4.50	0.0002576	1.00	0.9993
10 rs4962416	14 rs1057552	74364871	1.67	0.0006302	1.08	0.6317
10 rs4962416	14 rs10083386	74417338	1.40	0.0004784	1.03	0.789
10 rs4962416	14 rs3825677	87763436	1.53	0.0001574	0.86	0.2991
10 rs4962416	14 rs10873474	96306113	0.57	0.0006614	0.77	0.177
10 rs4962416	15 rs2103056	28009955	1.48	0.0006745	0.81	0.2021
10 rs4962416	15 rs304951	67961463	1.53	0.0006874	1.28	0.139
10 rs4962416	15 rs7169622	69387523	1.48	0.0007031	1.08	0.6107
10 rs4962416	15 rs2469548	74330965	0.66	0.0000647	0.78	0.0707
10 rs4962416	16 rs8056560	1744036	0.57	0.0008694	1.42	0.1472
10 rs4962416	16 rs4784303	51908283	0.63	0.000918	1.22	0.2854
10 rs4962416	16 rs10492886	55168116	0.34	0.00024	1.04	0.9262
10 rs4962416	16 rs7200698	77220411	0.59	0.000195	1.11	0.5931
10 rs4962416	17 rs7218702	3921263	1.98	0.0005648	1.07	0.7729
10 rs4962416	17 rs1002186	14894303	0.58	0.0008388	1.20	0.4534
10 rs4962416	17 rs9906340	25423103	0.71	0.0006235	1.11	0.4148
10 rs4962416	18 rs16955694	9804986	0.45	0.0001377	0.99	0.9648
10 rs4962416	18 rs11660303	17668757	0.65	0.00009965	0.90	0.4649
10 rs4962416	18 rs8092742	18686441	1.71	0.0003454	0.80	0.2009
10 rs4962416	18 rs1025205	34380240	0.57	0.0006374	1.17	0.5019
10 rs4962416	18 rs4133965	42382849	1.42	0.0009898	0.90	0.437
10 rs4962416	18 rs17769960	55274474	0.60	0.0008295	1.02	0.9385
10 rs4962416	18 rs1473279	74402791	1.41	0.0003186	0.84	0.1567
10 rs4962416	19 rs1043346	16105056	1.63	0.0004572	1.05	0.76
10 rs4962416	20 rs6040338	11004362	1.53	0.0007981	0.67	0.01158
10 rs4962416	20 rs3887413	11754851	0.71	0.00038	0.87	0.2901
10 rs4962416	20 rs6026274	56445340	0.71	0.0003076	1.16	0.2435
10 rs4962416	21 rs2824737	18614952	0.70	0.0001683	0.86	0.2018
10 rs4962416	21 rs1786401	20767362	1.54	0.0006763	1.31	0.1128
10 rs4962416	21 rs395610	42893502	0.73	0.0009068	0.97	0.7711
10 rs4962416	21 rs11702511	43317348	0.68	0.0001392	0.91	0.4601
10 rs4962416	21 rs2239574	46844239	0.70	0.0002985	1.06	0.6656
11 rs10896449	1 rs2803394	14948035	1.34	0.0004851	0.97	0.7504
11 rs10896449	1 rs16866144	30528952	1.38	0.0003309	1.16	0.1873
11 rs10896449	1 rs646198	30554618	1.50	0.0009276	1.11	0.456
11 rs10896449	1 rs1015266	33962941	1.36	0.0003648	1.01	0.9528
11 rs10896449	1 rs11590681	34010096	1.35	0.000594	0.87	0.1886
11 rs10896449	1 rs11210199	41595341	0.46	0.0003228	1.15	0.5132
11 rs10896449	1 rs4336891	43795533	0.56	0.0008473	0.80	0.1742
11 rs10896449	1 rs11206329	54489583	1.51	0.0008562	1.00	0.9899
11 rs10896449	1 rs6687355	57733227	1.41	0.00009191	0.96	0.6928
11 rs10896449	1 rs12126079	61068078	0.63	0.0006257	0.88	0.426
11 rs10896449	1 rs12047470	65267954	1.64	0.0008737	1.38	0.1728

11 rs10896449	1 rs1251490	76230714	0.70	0.00005108	0.97	0.7572
11 rs10896449	1 rs507630	76861228	0.75	0.0008015	0.89	0.256
11 rs10896449	1 rs1999186	85797566	0.48	0.0005841	1.14	0.5134
11 rs10896449	1 rs10873734	86084416	0.74	0.000877	0.90	0.3017
11 rs10896449	1 rs906241	91724175	0.72	0.0007453	0.93	0.5468
11 rs10896449	1 rs2615977	103164413	1.38	0.0005977	1.08	0.4975
11 rs10896449	1 rs4338381	103284948	1.35	0.0007106	1.01	0.948
11 rs10896449	1 rs3820032	119620805	1.41	0.0003965	0.90	0.3841
11 rs10896449	1 rs4132958	144188841	1.38	0.0004939	1.23	0.06972
11 rs10896449	1 rs649269	149836143	2.00	0.0001634	0.98	0.9305
11 rs10896449	1 rs1609772	185285256	0.72	0.0006289	0.85	0.1578
11 rs10896449	1 rs2942926	192495532	0.73	0.0004579	1.02	0.8553
11 rs10896449	1 rs2257002	196797370	1.65	0.00004561	1.05	0.7156
11 rs10896449	1 rs10920617	200050279	2.09	0.0003348	1.12	0.6039
11 rs10896449	1 rs1322785	228329936	0.64	0.0006996	0.88	0.395
11 rs10896449	1 rs9659187	242365233	1.66	0.0006697	1.18	0.3406
11 rs10896449	2 rs2631968	29840262	1.47	0.0003142	1.06	0.6486
11 rs10896449	2 rs1496329	42600448	0.65	0.0007289	0.85	0.2893
11 rs10896449	2 rs7586538	57801003	1.79	0.0004601	1.50	0.07488
11 rs10896449	2 rs12713404	59918356	0.73	0.0004414	0.88	0.2229
11 rs10896449	2 rs1019264	59924453	1.40	0.00008999	0.98	0.8165
11 rs10896449	2 rs2433384	64421770	0.75	0.0005461	0.95	0.6428
11 rs10896449	2 rs11897643	125895735	1.58	0.0008962	1.12	0.5135
11 rs10896449	2 rs11679108	126139507	1.50	0.0001777	1.11	0.4449
11 rs10896449	2 rs744265	128660654	0.75	0.0008895	1.05	0.6349
11 rs10896449	2 rs6728444	158203775	1.46	0.0005414	1.04	0.7524
11 rs10896449	2 rs11679541	165574667	1.51	0.0009837	1.00	0.9773
11 rs10896449	2 rs7575195	204749693	0.49	0.0004543	1.91	0.04685
11 rs10896449	2 rs1530022	216166488	0.66	0.00006077	1.05	0.6779
11 rs10896449	2 rs6709297	216239166	0.75	0.0007412	1.07	0.5524
11 rs10896449	2 rs207667	230079354	1.37	0.0008172	1.02	0.8366
11 rs10896449	2 rs3116236	232737830	1.81	0.0001813	0.87	0.5383
11 rs10896449	2 rs4994756	239349125	1.34	0.0004679	0.98	0.8459
11 rs10896449	3 rs999968	14368805	1.52	0.00002112	1.09	0.4957
11 rs10896449	3 rs9874842	22952418	2.86	0.0005652	0.95	0.8756
11 rs10896449	3 rs304822	30717566	1.44	0.0002305	0.89	0.3555
11 rs10896449	3 rs4076086	33136902	0.58	0.0007552	1.23	0.2562
11 rs10896449	3 rs545397	39505087	1.40	0.0004234	0.99	0.9529
11 rs10896449	3 rs17759069	39700502	1.56	0.0007144	1.00	0.9873
11 rs10896449	3 rs2708317	58069559	0.47	0.0009926	1.17	0.5327
11 rs10896449	3 rs13075657	58116082	0.59	0.0003032	1.04	0.7938
11 rs10896449	3 rs12634123	58120303	1.34	0.0009191	1.00	0.987
11 rs10896449	3 rs7652163	60930930	1.49	0.00005483	1.02	0.847
11 rs10896449	3 rs956352	68597229	1.48	0.0001267	0.86	0.2028
11 rs10896449	3 rs1489844	79397852	1.65	0.0005483	0.99	0.9462
11 rs10896449	3 rs11924965	79693315	1.50	0.0002425	1.04	0.7555
11 rs10896449	3 rs1732187	110782731	0.73	0.0008975	0.81	0.04497
11 rs10896449	3 rs13066225	128974029	1.44	0.0005229	0.99	0.921
11 rs10896449	3 rs1380168	147848915	0.75	0.0003875	0.98	0.8657
11 rs10896449	3 rs2019689	153660406	0.68	0.0002913	0.99	0.9111
11 rs10896449	3 rs4440163	160580782	1.42	0.000515	0.99	0.9243
11 rs10896449	3 rs1489919	160634428	1.39	0.0001787	0.97	0.7815

11 rs10896449	3 rs961879	175443138	0.73	0.0009968	0.99	0.9246
11 rs10896449	3 rs1421425	175448166	0.76	0.0009574	0.87	0.1841
11 rs10896449	3 rs3796160	196387911	1.89	0.0007397	0.66	0.06139
11 rs10896449	4 rs4273466	14063619	1.36	0.0005525	1.01	0.9217
11 rs10896449	4 rs1845586	14585273	1.36	0.0003932	0.89	0.2788
11 rs10896449	4 rs2881944	44753045	0.68	0.000929	0.98	0.9083
11 rs10896449	4 rs2129267	61720510	1.43	0.0001027	0.96	0.6676
11 rs10896449	4 rs1352165	61749171	0.75	0.0009077	1.08	0.4718
11 rs10896449	4 rs162570	65934254	1.57	0.0001379	0.95	0.7392
11 rs10896449	4 rs11097033	86357634	0.67	0.000376	1.07	0.5995
11 rs10896449	4 rs2510762	95755155	1.35	0.0005617	0.91	0.3372
11 rs10896449	4 rs1311620	100370269	0.70	0.00009899	1.04	0.7399
11 rs10896449	4 rs10305895	148792293	1.43	0.0006436	1.32	0.04893
11 rs10896449	4 rs7656411	154985260	0.71	0.0009044	0.87	0.2604
11 rs10896449	4 rs2046876	157622230	0.68	0.000505	1.01	0.9629
11 rs10896449	4 rs6821252	159355053	1.34	0.0007983	0.96	0.6642
11 rs10896449	4 rs1380355	166960190	1.34	0.0007664	1.09	0.4256
11 rs10896449	4 rs4692775	171262097	0.56	0.0005194	0.86	0.377
11 rs10896449	4 rs17074601	184609964	1.78	0.00008096	1.16	0.335
11 rs10896449	5 rs12716144	3389382	0.75	0.0009723	0.83	0.08269
11 rs10896449	5 rs11949792	13545497	0.72	0.000601	1.03	0.8046
11 rs10896449	5 rs7712828	13563647	0.74	0.0004311	0.98	0.8595
11 rs10896449	5 rs17252415	14865003	1.71	0.0003421	1.31	0.1115
11 rs10896449	5 rs2463772	38121657	1.55	0.0003485	1.01	0.9616
11 rs10896449	5 rs10512739	40467638	1.69	0.0007793	0.93	0.7134
11 rs10896449	5 rs1878290	41045656	0.73	0.0004094	1.00	0.9918
11 rs10896449	5 rs6880055	52425185	0.73	0.0005192	1.16	0.1475
11 rs10896449	5 rs3867077	98953245	1.40	0.000105	1.13	0.2356
11 rs10896449	5 rs1833752	123447650	0.74	0.0005231	1.13	0.236
11 rs10896449	5 rs10075120	163766675	1.91	0.0009717	1.10	0.7105
11 rs10896449	5 rs258878	172983775	1.41	0.0001217	1.10	0.3519
11 rs10896449	6 rs1887510	6824519	0.72	0.00008819	0.96	0.7108
11 rs10896449	6 rs7771213	20737470	0.60	0.0003862	0.93	0.6145
11 rs10896449	6 rs527846	24106729	1.35	0.0006535	0.86	0.1536
11 rs10896449	6 rs1883214	26414663	0.68	0.0006061	0.80	0.1279
11 rs10896449	6 rs2498374	26922391	1.97	0.0003281	0.77	0.29
11 rs10896449	6 rs9258220	29819020	2.10	0.0003139	1.20	0.4221
11 rs10896449	6 rs9258557	29921921	1.64	0.0006449	1.32	0.1555
11 rs10896449	6 rs10484565	32903010	1.63	0.0009641	1.19	0.2536
11 rs10896449	6 rs9463275	47057796	2.31	0.0009455	0.89	0.7116
11 rs10896449	6 rs9363459	66610047	0.71	0.000362	1.02	0.8847
11 rs10896449	6 rs9293974	75291797	0.56	0.000846	1.15	0.4797
11 rs10896449	6 rs6928573	75293279	0.63	0.0001839	1.12	0.4321
11 rs10896449	6 rs6454654	88619751	0.59	0.0004561	0.97	0.865
11 rs10896449	6 rs7742539	94992029	1.56	0.0005463	1.09	0.619
11 rs10896449	6 rs2503772	110392108	0.73	0.0007574	1.09	0.4484
11 rs10896449	6 rs774556	113635101	0.41	0.0006185	1.10	0.7495
11 rs10896449	6 rs4896067	134873179	1.33	0.0009268	1.11	0.3352
11 rs10896449	6 rs11155308	143959393	0.44	0.0003814	1.02	0.9426
11 rs10896449	6 rs9497132	145292919	0.64	0.0006832	0.82	0.1762
11 rs10896449	7 rs10488192	12050321	0.69	0.0006961	1.04	0.8087
11 rs10896449	7 rs272712	23923103	0.75	0.0007408	0.87	0.1882

11	rs10896449	7	rs6972154	30657513	1.78	0.00009048	1.10	0.6308
11	rs10896449	7	rs7799384	30683968	2.18	0.0001903	0.80	0.4315
11	rs10896449	7	rs4621704	31991975	0.72	0.0008604	0.97	0.8122
11	rs10896449	7	rs891867	46527360	0.69	0.0002778	1.06	0.6598
11	rs10896449	7	rs10240695	46530745	1.35	0.0007426	0.87	0.1707
11	rs10896449	7	rs7786596	48634374	0.62	0.0001523	1.23	0.1762
11	rs10896449	7	rs17133264	49234831	0.56	0.0005085	1.03	0.8632
11	rs10896449	7	rs17133507	49623448	1.72	0.0002221	0.87	0.366
11	rs10896449	7	rs4255073	78174649	1.37	0.000578	1.02	0.8537
11	rs10896449	7	rs12668286	85944884	1.58	0.0006597	0.89	0.5098
11	rs10896449	7	rs7802075	88124445	1.72	0.0005001	0.76	0.08744
11	rs10896449	7	rs7781684	90765338	0.68	0.0009083	0.93	0.5899
11	rs10896449	7	rs2710976	90871471	0.61	0.000363	0.90	0.487
11	rs10896449	7	rs846700	122195796	1.42	0.00009232	1.06	0.5827
11	rs10896449	7	rs4425699	129975820	1.58	0.00004983	0.97	0.8325
11	rs10896449	7	rs13235400	149875978	1.33	0.0006868	1.17	0.1406
11	rs10896449	7	rs6965868	154903278	1.52	0.0003544	0.95	0.6788
11	rs10896449	7	rs10246957	154950467	1.39	0.0008014	0.97	0.8059
11	rs10896449	7	rs10282118	158165463	1.41	0.0006073	0.96	0.7152
11	rs10896449	8	rs17186859	13100216	0.74	0.0006914	1.13	0.2564
11	rs10896449	8	rs7838241	14075129	1.36	0.0006381	0.88	0.2461
11	rs10896449	8	rs7460945	54690819	0.71	0.0004347	1.02	0.8573
11	rs10896449	8	rs7834844	73928872	1.35	0.0008919	1.12	0.3335
11	rs10896449	8	rs6992037	81053427	0.71	0.0001784	1.12	0.3074
11	rs10896449	8	rs869831	102200097	0.41	0.0001735	0.84	0.4468
11	rs10896449	8	rs3779989	124499104	0.74	0.000678	1.05	0.626
11	rs10896449	8	rs12548836	125598536	0.68	0.0002562	1.20	0.1523
11	rs10896449	8	rs4733648	129862457	1.59	0.0007671	1.31	0.1106
11	rs10896449	8	rs3750209	144692014	0.65	0.0007569	1.02	0.8907
11	rs10896449	9	rs10757845	293639	1.61	0.0005912	1.14	0.4773
11	rs10896449	9	rs639833	3901421	1.46	0.0001566	1.01	0.9537
11	rs10896449	9	rs1260463	6622061	0.74	0.0006386	1.03	0.8073
11	rs10896449	9	rs952436	68448640	1.44	0.000545	1.02	0.8891
11	rs10896449	9	rs2026794	69581993	0.50	0.000724	0.97	0.8896
11	rs10896449	9	rs6560173	70885631	0.68	0.0008238	0.80	0.07445
11	rs10896449	9	rs10869503	74956159	1.35	0.0005041	0.90	0.2949
11	rs10896449	9	rs11138989	80881659	1.52	0.0005425	0.80	0.1039
11	rs10896449	9	rs13296817	93168512	1.65	0.0004438	0.94	0.7478
11	rs10896449	9	rs6479490	93331038	1.94	0.00002548	1.12	0.5531
11	rs10896449	9	rs2772021	94442909	1.48	0.0005343	0.83	0.1858
11	rs10896449	9	rs2182815	109625863	1.42	0.0008491	0.97	0.8182
11	rs10896449	10	rs10794768	1638439	1.43	0.0003218	1.01	0.9367
11	rs10896449	10	rs1937904	5120724	1.35	0.0005404	1.11	0.3504
11	rs10896449	10	rs11252994	5168269	0.72	0.0001149	0.95	0.6137
11	rs10896449	10	rs9417900	19484188	1.45	0.000163	1.30	0.04152
11	rs10896449	10	rs1111367	20313589	0.72	0.0004094	1.06	0.5976
11	rs10896449	10	rs12218350	32069556	1.45	0.0001004	1.00	0.9714
11	rs10896449	10	rs2036510	58603797	0.70	0.0001381	1.11	0.3616
11	rs10896449	10	rs10821932	63361914	1.40	0.0008838	0.85	0.2091
11	rs10896449	10	rs1925609	68424913	0.75	0.0005756	1.00	0.9787
11	rs10896449	10	rs17746658	84561249	0.58	0.0006434	1.06	0.7769
11	rs10896449	10	rs932763	95885718	0.72	0.0003793	0.79	0.03338

11 rs10896449	10 rs11812127	106712423	0.51	0.0004328	0.85	0.3996
11 rs10896449	10 rs2259409	131072363	0.74	0.0006959	0.96	0.7022
11 rs10896449	11 rs3901227	1466652	0.75	0.0009083	1.20	0.08411
11 rs10896449	11 rs7128926	2653320	0.68	0.0006371	0.93	0.5978
11 rs10896449	11 rs1474844	32266552	1.41	0.00003805	0.88	0.2243
11 rs10896449	11 rs355240	40981542	1.42	0.0001766	1.22	0.07958
11 rs10896449	11 rs879238	44258914	0.74	0.0005187	0.87	0.1931
11 rs10896449	11 rs1792270	70821713	1.98	0.0008411	0.75	0.2179
11 rs10896449	11 rs3794060	70865327	1.48	0.00004959	0.97	0.741
11 rs10896449	11 rs3814715	74840402	0.61	0.0009886	1.46	0.0394
11 rs10896449	11 rs643902	86645821	1.62	0.0006526	1.23	0.2353
11 rs10896449	11 rs10501843	95479768	0.66	0.00001688	0.84	0.1122
11 rs10896449	11 rs651301	100316987	0.67	0.0003377	0.99	0.9244
11 rs10896449	12 rs2887780	2369887	1.38	0.0009889	0.84	0.1328
11 rs10896449	12 rs2710696	53683341	0.74	0.0004099	1.23	0.0572
11 rs10896449	12 rs11176426	65463692	1.63	0.0006348	0.94	0.7406
11 rs10896449	12 rs12372454	103919873	0.60	0.0007567	1.15	0.4868
11 rs10896449	12 rs16947275	115954423	1.54	0.0007223	0.99	0.9397
11 rs10896449	12 rs10773664	128465361	0.68	0.00001536	1.06	0.5753
11 rs10896449	13 rs1458276	53368915	1.53	0.0008109	1.05	0.7627
11 rs10896449	13 rs875589	72172873	0.70	0.000302	0.86	0.1973
11 rs10896449	13 rs11148981	74658333	0.71	0.00009111	0.99	0.953
11 rs10896449	13 rs7998577	100891283	1.60	0.0002819	1.00	0.9823
11 rs10896449	14 rs12435990	21649154	0.71	0.0004294	0.83	0.1194
11 rs10896449	14 rs10136424	57556772	0.74	0.0006485	0.82	0.05964
11 rs10896449	14 rs178490	57596355	0.72	0.000154	0.93	0.4582
11 rs10896449	14 rs1609699	57600437	1.42	0.00007472	0.98	0.865
11 rs10896449	14 rs17116603	81827905	2.62	0.00003011	1.34	0.2272
11 rs10896449	14 rs11621127	89871803	0.71	0.0001291	1.07	0.5643
11 rs10896449	14 rs877455	97430765	0.55	0.0009034	1.11	0.622
11 rs10896449	14 rs4905904	99378672	1.41	0.0003144	0.99	0.8951
11 rs10896449	15 rs11630609	24158745	1.53	0.0007564	1.15	0.4249
11 rs10896449	15 rs11638807	34522188	1.36	0.0002955	1.02	0.8544
11 rs10896449	15 rs11453468	43041817	0.56	0.0006782	1.26	0.2304
11 rs10896449	15 rs1961237	52013977	1.36	0.0005896	0.92	0.4346
11 rs10896449	15 rs1374155	57110121	1.42	0.0001368	1.07	0.574
11 rs10896449	15 rs902025	61019454	1.48	0.0006965	0.94	0.6016
11 rs10896449	15 rs7169831	75155737	0.69	0.00004759	1.04	0.7433
11 rs10896449	15 rs1317627	87178062	1.35	0.0004783	0.97	0.7457
11 rs10896449	16 rs4423423	49564860	0.65	0.0002303	0.83	0.1991
11 rs10896449	16 rs4643309	49862348	1.35	0.0006398	1.09	0.4033
11 rs10896449	16 rs2397369	53720869	1.53	0.0002608	0.91	0.5399
11 rs10896449	16 rs7205325	82075987	0.61	0.0004172	0.86	0.3024
11 rs10896449	16 rs12918351	82156354	0.67	0.0002183	1.15	0.3025
11 rs10896449	16 rs7203175	82261890	1.77	0.00075	1.06	0.7884
11 rs10896449	17 rs17622751	933971	1.34	0.0006621	0.98	0.8797
11 rs10896449	17 rs11655015	1018374	0.75	0.0005809	0.96	0.6937
11 rs10896449	17 rs1043515	34175722	0.74	0.0007455	1.11	0.3324
11 rs10896449	17 rs228290	34180293	0.68	0.0002155	1.30	0.03841
11 rs10896449	18 rs949306	3317801	0.69	0.0008237	0.85	0.1869
11 rs10896449	18 rs1662298	3319886	0.74	0.0006477	1.09	0.4143
11 rs10896449	18 rs1658191	4626935	0.65	0.0004113	1.02	0.9054

11 rs10896449	18 rs1433868	36245616	0.45	0.0008706	0.63	0.08888
11 rs10896449	18 rs880876	43336100	1.51	0.0003754	1.09	0.4918
11 rs10896449	18 rs2847579	46616662	1.40	0.000141	1.01	0.951
11 rs10896449	18 rs7238782	53131326	0.28	0.0001345	1.84	0.06799
11 rs10896449	18 rs6566914	53799267	1.39	0.0001365	0.99	0.955
11 rs10896449	18 rs1455555	59321762	1.37	0.00026	0.88	0.2222
11 rs10896449	18 rs531795	61024373	1.36	0.0005872	1.07	0.5166
11 rs10896449	18 rs1354065	65197906	0.72	0.0002674	0.95	0.6268
11 rs10896449	18 rs9947019	71374096	0.56	0.0005983	0.91	0.5972
11 rs10896449	19 rs273266	18144501	1.45	0.0003005	0.91	0.4414
11 rs10896449	19 rs4808263	20682646	0.43	0.0008108	1.30	0.4433
11 rs10896449	19 rs347793	33511887	0.62	0.0009899	1.43	0.04445
11 rs10896449	19 rs347786	33515727	1.35	0.0006407	0.89	0.2478
11 rs10896449	19 rs2722695	49627325	1.49	0.0002097	1.20	0.1872
11 rs10896449	19 rs10422824	58702571	1.64	0.0005697	0.88	0.4281
11 rs10896449	19 rs11666890	62582649	0.70	0.00003086	0.98	0.8787
11 rs10896449	19 rs10406875	62618298	0.68	0.00009442	0.90	0.4
11 rs10896449	20 rs12481278	16538458	0.56	0.0006813	1.14	0.5481
11 rs10896449	20 rs1578403	17165966	1.36	0.0003186	1.03	0.7636
11 rs10896449	20 rs10485634	22640624	1.36	0.0009242	1.03	0.8197
11 rs10896449	20 rs2866825	39965510	1.36	0.0003359	1.22	0.05813
11 rs10896449	20 rs6063516	48490655	1.38	0.0003794	1.12	0.2799
11 rs10896449	21 rs2221409	23690315	0.74	0.000365	0.94	0.5825
11 rs10896449	21 rs8126558	25952450	2.43	0.000818	1.36	0.2141
11 rs10896449	21 rs7283316	31138124	1.35	0.0005419	1.03	0.8118
11 rs10896449	21 rs447988	39410617	0.49	0.00001731	0.78	0.2432
11 rs10896449	21 rs9976696	43117310	1.52	0.0005064	1.04	0.7855
11 rs10896449	21 rs233274	44813916	0.74	0.000369	1.12	0.2553
11 rs10896449	22 rs178260	19648862	0.64	0.0009957	0.90	0.5026
11 rs10896449	22 rs5999081	32467490	0.65	0.00082	1.07	0.6554
11 rs12418451	1 rs10489555	69888952	0.56	0.0002872	0.79	0.2465
11 rs12418451	1 rs8179363	83819564	0.70	0.0004674	1.13	0.3167
11 rs12418451	1 rs11161991	87545464	0.60	0.0008119	1.26	0.2033
11 rs12418451	1 rs4142614	89074652	1.40	0.000705	0.91	0.4393
11 rs12418451	1 rs905720	159065758	0.67	0.0002276	1.36	0.02591
11 rs12418451	1 rs3795617	189335347	1.39	0.0006837	1.30	0.02971
11 rs12418451	1 rs12135924	208479217	1.68	0.0005692	0.85	0.446
11 rs12418451	1 rs11805285	216740118	0.63	0.0009619	0.90	0.5119
11 rs12418451	1 rs12028816	227569037	1.54	0.00004128	1.06	0.6614
11 rs12418451	1 rs10864702	228357388	0.61	0.0007829	1.29	0.2246
11 rs12418451	2 rs1511324	444860	0.67	0.0006281	1.00	0.979
11 rs12418451	2 rs6716296	38086615	0.71	0.0007037	0.80	0.05842
11 rs12418451	2 rs3908115	50952453	1.44	0.0006403	1.17	0.1954
11 rs12418451	2 rs13384511	51019138	0.67	0.00007635	0.90	0.3802
11 rs12418451	2 rs3969865	68905053	2.64	0.00001783	0.98	0.9346
11 rs12418451	2 rs11885172	74168749	1.52	0.00005765	0.93	0.5914
11 rs12418451	2 rs11678377	74882048	0.63	0.00004844	0.94	0.6507
11 rs12418451	2 rs489974	80130808	0.49	0.0006548	1.32	0.3105
11 rs12418451	2 rs12053420	127158453	0.49	0.0009739	0.94	0.8104
11 rs12418451	2 rs12615012	136954314	0.70	0.0002972	1.08	0.5443
11 rs12418451	2 rs10930331	151576147	1.39	0.0008809	1.15	0.2633
11 rs12418451	2 rs2357634	173183764	0.72	0.0009104	1.06	0.6534

11 rs12418451	2 rs2884226	173196854	0.60	0.0003667	1.06	0.7828
11 rs12418451	2 rs10174809	173212041	0.59	0.0001392	1.34	0.07098
11 rs12418451	2 rs1968618	179792310	1.42	0.0004597	1.02	0.8671
11 rs12418451	2 rs6709172	180574854	1.82	0.0001067	1.03	0.895
11 rs12418451	2 rs2944346	183789675	0.68	0.0003799	0.96	0.7391
11 rs12418451	2 rs7598883	191482605	0.67	0.0003562	0.97	0.8387
11 rs12418451	2 rs2718665	208629066	0.72	0.000617	1.03	0.8342
11 rs12418451	2 rs2621475	208631098	1.45	0.0002976	1.14	0.3398
11 rs12418451	2 rs6746998	208755107	1.44	0.0007438	1.04	0.7329
11 rs12418451	2 rs13389571	217700437	0.44	0.0005134	0.97	0.9319
11 rs12418451	2 rs2946931	228593136	0.67	0.00005994	1.01	0.9651
11 rs12418451	2 rs1721373	228624301	1.73	0.0008422	1.25	0.2549
11 rs12418451	2 rs1649918	231253804	1.45	0.0001166	1.02	0.8469
11 rs12418451	3 rs1508735	3539116	1.54	0.0003578	1.15	0.3879
11 rs12418451	3 rs345204	6792760	0.63	0.000473	1.03	0.8824
11 rs12418451	3 rs1239554	7539821	1.39	0.0005921	1.15	0.234
11 rs12418451	3 rs471336	16401431	0.70	0.000681	0.96	0.7704
11 rs12418451	3 rs9873431	19379860	1.65	0.0007938	1.32	0.1688
11 rs12418451	3 rs9860870	24766992	1.50	0.0002948	1.01	0.9556
11 rs12418451	3 rs9850953	30538490	1.42	0.0006877	1.04	0.7812
11 rs12418451	3 rs545397	39505087	0.70	0.0007403	1.03	0.8064
11 rs12418451	3 rs6786181	57491588	1.46	0.0002435	1.28	0.06294
11 rs12418451	3 rs9826722	64291432	0.67	0.0009452	1.33	0.07601
11 rs12418451	3 rs9309764	77408431	1.41	0.0004434	0.97	0.7743
11 rs12418451	3 rs1441959	77416942	1.39	0.0008939	0.99	0.9596
11 rs12418451	3 rs12633089	103011453	0.69	0.0002881	1.10	0.4372
11 rs12418451	3 rs1955156	107675598	0.30	0.0002782	2.35	0.01526
11 rs12418451	3 rs1499903	114368971	1.59	0.0005411	0.98	0.937
11 rs12418451	3 rs17702536	117509953	0.46	0.00006306	0.80	0.3711
11 rs12418451	3 rs12638324	124089788	0.62	0.000896	0.98	0.8986
11 rs12418451	3 rs1470398	124181153	0.56	0.00002136	1.23	0.2532
11 rs12418451	3 rs17349490	156972768	0.62	0.0001948	0.97	0.8658
11 rs12418451	3 rs4440163	160580782	0.66	0.0002781	1.19	0.2609
11 rs12418451	3 rs6443357	177772446	1.65	0.00002112	1.24	0.1478
11 rs12418451	3 rs2301052	186436364	1.66	0.0005586	1.10	0.6144
11 rs12418451	3 rs9850334	193709650	1.52	0.0005525	1.04	0.8216
11 rs12418451	4 rs6843133	16994547	0.71	0.0006253	0.92	0.4826
11 rs12418451	4 rs12640237	17146916	2.13	0.0007728	2.14	0.01777
11 rs12418451	4 rs7681910	62576613	0.66	0.0009603	1.17	0.3299
11 rs12418451	4 rs17292128	62679923	0.64	0.0008462	1.02	0.8937
11 rs12418451	4 rs986397	73943760	0.71	0.0002941	1.10	0.414
11 rs12418451	4 rs17001284	77239950	0.53	0.0002348	1.23	0.3331
11 rs12418451	4 rs6532511	96109197	0.71	0.0003662	1.00	0.9728
11 rs12418451	4 rs7690226	96195287	0.64	0.0003536	1.18	0.2951
11 rs12418451	4 rs397045	113121531	0.70	0.0002395	0.99	0.9489
11 rs12418451	4 rs6533588	113307066	0.68	0.00008229	0.82	0.1035
11 rs12418451	4 rs10517655	158138514	1.85	0.0002811	1.05	0.85
11 rs12418451	4 rs1969578	160640696	1.37	0.0008546	0.92	0.4845
11 rs12418451	4 rs2699027	160707037	1.45	0.0001186	0.91	0.4475
11 rs12418451	4 rs6553847	176210778	1.40	0.0005712	1.03	0.8289
11 rs12418451	4 rs17061810	176993621	0.54	0.0009975	1.24	0.3865
11 rs12418451	4 rs9312583	177023542	1.41	0.0008868	1.16	0.2612

11 rs12418451	4 rs12509604	178313642	1.41	0.0008074	1.04	0.7389
11 rs12418451	5 rs11739768	2043427	0.71	0.0006353	0.93	0.5773
11 rs12418451	5 rs1500165	31088569	0.71	0.0008695	1.26	0.09092
11 rs12418451	5 rs251516	52544094	2.34	0.0001128	0.91	0.6422
11 rs12418451	5 rs1964507	57328139	0.44	0.000813	1.34	0.4175
11 rs12418451	5 rs1349956	57347911	0.56	0.0001003	1.08	0.7238
11 rs12418451	5 rs11951879	58872538	0.39	2.92E-06	0.65	0.1039
11 rs12418451	5 rs6865975	59054550	0.44	0.000353	0.76	0.3204
11 rs12418451	5 rs10940146	67333262	0.68	0.0004901	1.19	0.2337
11 rs12418451	5 rs242061	82039023	0.61	0.000307	1.46	0.03428
11 rs12418451	5 rs27639	96138798	0.56	0.0002069	0.83	0.2696
11 rs12418451	5 rs149173	96140249	0.69	0.0009053	0.99	0.9614
11 rs12418451	5 rs4330503	108882712	1.42	0.000616	0.99	0.9459
11 rs12418451	5 rs492346	112645236	1.40	0.0003566	0.89	0.3385
11 rs12418451	5 rs6859521	113035322	0.67	0.0000944	0.86	0.2448
11 rs12418451	5 rs2416324	113037690	0.63	0.0003279	0.98	0.9085
11 rs12418451	5 rs3756325	140349043	1.44	0.0005429	0.92	0.5404
11 rs12418451	5 rs13190127	144848987	0.67	0.00021	0.93	0.5666
11 rs12418451	5 rs1422673	150419181	0.64	0.0005288	1.12	0.4382
11 rs12418451	5 rs7721406	159928142	0.59	0.0007624	1.18	0.4135
11 rs12418451	6 rs12664186	14600917	0.72	0.0005815	0.98	0.8957
11 rs12418451	6 rs6928012	20836492	1.54	0.00001067	0.96	0.7523
11 rs12418451	6 rs9366556	24078980	1.46	0.0009644	1.19	0.2532
11 rs12418451	6 rs12174959	24081497	1.43	0.0003102	1.16	0.2441
11 rs12418451	6 rs2734994	29920009	0.56	0.0001781	1.08	0.7246
11 rs12418451	6 rs10484879	52159916	1.47	0.0005928	0.92	0.5769
11 rs12418451	6 rs1321067	71104859	1.75	0.0004677	1.02	0.9408
11 rs12418451	6 rs12179479	90786998	1.55	0.0003863	0.99	0.9725
11 rs12418451	6 rs12664550	90789598	1.78	0.0006525	0.78	0.2649
11 rs12418451	6 rs12214339	114815378	1.67	0.0003212	0.75	0.07167
11 rs12418451	6 rs9375246	123704644	1.61	0.0001331	1.12	0.4821
11 rs12418451	6 rs1341200	125688823	1.68	0.0003609	0.99	0.9376
11 rs12418451	6 rs11759691	163696640	0.58	0.0009829	1.14	0.4051
11 rs12418451	7 rs16876162	9440466	0.72	0.0007998	0.90	0.3955
11 rs12418451	7 rs17166188	12392004	0.43	0.00005627	1.19	0.468
11 rs12418451	7 rs10279177	45981311	0.62	0.0009306	1.23	0.23
11 rs12418451	7 rs10275321	79509808	0.61	0.0001686	1.19	0.3669
11 rs12418451	7 rs259162	89273553	0.70	0.0005181	0.68	0.007203
11 rs12418451	7 rs883910	100706156	0.36	0.000214	1.60	0.2663
11 rs12418451	7 rs2709496	114256972	1.45	0.0001029	1.01	0.9092
11 rs12418451	7 rs11762591	120779554	1.59	0.0004273	1.12	0.4556
11 rs12418451	7 rs11984390	121668099	0.49	0.000874	1.01	0.9657
11 rs12418451	7 rs1860487	123309087	0.72	0.0006358	1.15	0.2458
11 rs12418451	7 rs4909055	157374819	1.40	0.0007216	1.15	0.2669
11 rs12418451	7 rs12698138	157385079	1.76	0.000217	0.94	0.7469
11 rs12418451	8 rs10099673	4613186	1.65	0.0002175	1.07	0.697
11 rs12418451	8 rs6988310	4688055	0.58	0.0001179	0.70	0.02595
11 rs12418451	8 rs17677666	16110852	2.34	0.0004433	1.66	0.1964
11 rs12418451	8 rs12543931	19557601	0.73	0.0009335	0.95	0.6893
11 rs12418451	8 rs9325877	20831289	0.67	0.00005675	1.10	0.4686
11 rs12418451	8 rs7834553	28331399	1.95	0.000464	0.78	0.2469
11 rs12418451	8 rs2970694	37049213	1.56	0.0005303	1.01	0.9737

11 rs12418451	8 rs2199921	56244433	0.66	0.0001846	0.95	0.6926
11 rs12418451	8 rs7003713	59951467	1.53	0.0005401	0.93	0.6341
11 rs12418451	8 rs6472849	75495378	1.47	0.0003781	0.90	0.3956
11 rs12418451	8 rs1365287	104671966	1.38	0.0009536	1.06	0.6285
11 rs12418451	8 rs853308	133999099	0.70	0.000233	1.28	0.04104
11 rs12418451	8 rs11994086	135278112	1.40	0.000453	1.07	0.5462
11 rs12418451	8 rs11996214	135280560	0.71	0.0009916	0.97	0.8331
11 rs12418451	9 rs4741774	297135	0.56	0.0004087	0.80	0.3018
11 rs12418451	9 rs10122524	2681667	1.44	0.0006249	0.93	0.5435
11 rs12418451	9 rs11788963	5110157	0.69	0.0006215	0.91	0.4638
11 rs12418451	9 rs12337475	15261918	1.69	0.0002969	1.17	0.3984
11 rs12418451	9 rs10965091	21630565	1.54	0.0004997	0.88	0.3803
11 rs12418451	9 rs9695050	27661898	1.45	0.0005523	0.84	0.1538
11 rs12418451	9 rs7859318	72118523	0.68	0.0003635	0.86	0.2349
11 rs12418451	9 rs473299	75272481	0.67	0.0008648	1.13	0.4762
11 rs12418451	9 rs4242626	84150265	0.67	0.000155	1.02	0.9128
11 rs12418451	9 rs7046578	84800155	1.98	0.0006424	1.17	0.5213
11 rs12418451	9 rs12685240	96158669	1.45	0.00008616	0.86	0.21
11 rs12418451	9 rs6477551	106807627	0.61	0.0003861	1.33	0.1066
11 rs12418451	9 rs7853704	106926884	0.53	0.0000434	1.20	0.4137
11 rs12418451	9 rs996492	115255585	1.46	0.0009456	0.91	0.5156
11 rs12418451	9 rs4837003	124741979	0.69	0.0001569	1.07	0.6222
11 rs12418451	9 rs11795094	132315684	0.64	0.0003426	0.93	0.6269
11 rs12418451	10 rs11014607	25888367	0.36	0.0007909	0.93	0.8167
11 rs12418451	10 rs2992298	26740750	0.65	0.00007433	0.94	0.6162
11 rs12418451	10 rs2475206	37842538	1.40	0.0005111	0.96	0.7307
11 rs12418451	10 rs11238809	43829722	1.72	0.0005444	0.96	0.7956
11 rs12418451	10 rs12780305	45137896	2.77	0.00001525	1.07	0.8118
11 rs12418451	10 rs748276	70914357	0.55	0.0004655	0.65	0.04227
11 rs12418451	10 rs12240946	98746803	1.87	0.00002989	0.94	0.7376
11 rs12418451	10 rs7922865	98775766	1.59	0.0002624	0.97	0.8707
11 rs12418451	10 rs17821926	105805106	1.60	0.0004127	0.74	0.07617
11 rs12418451	11 rs10838795	5877297	0.69	0.0005201	1.20	0.2039
11 rs12418451	11 rs4075664	18749936	1.38	0.0007993	0.97	0.7848
11 rs12418451	11 rs586966	81486031	0.52	0.00003066	1.07	0.7627
11 rs12418451	11 rs11021249	94989860	1.46	0.0009685	0.84	0.2351
11 rs12418451	11 rs1939875	95062515	1.44	0.0005174	0.87	0.3061
11 rs12418451	11 rs1043144	105384054	0.71	0.0003576	1.15	0.2543
11 rs12418451	11 rs7951785	127526412	1.61	0.0005535	0.79	0.1865
11 rs12418451	12 rs12579700	30119734	1.39	0.0009271	1.20	0.137
11 rs12418451	12 rs11564173	39036738	0.60	0.0006194	0.87	0.5295
11 rs12418451	12 rs10878496	39065224	0.68	0.0001525	0.94	0.5962
11 rs12418451	12 rs2098963	39066537	0.66	0.0006016	0.85	0.3293
11 rs12418451	12 rs7139087	50327485	1.72	0.0004585	0.96	0.8266
11 rs12418451	12 rs10876210	50506149	0.70	0.0003537	1.01	0.906
11 rs12418451	12 rs2446347	73872255	0.72	0.0003409	1.01	0.9353
11 rs12418451	12 rs7487233	128467519	0.70	0.0003716	0.91	0.4609
11 rs12418451	13 rs12584025	20301968	0.72	0.0007116	1.00	0.975
11 rs12418451	13 rs1572871	46870773	1.56	0.00003252	0.84	0.1822
11 rs12418451	13 rs1359541	49056940	0.70	0.0003009	0.95	0.6795
11 rs12418451	13 rs2407794	49082263	0.63	0.000777	0.90	0.5322
11 rs12418451	13 rs12876202	65182903	1.44	0.0004078	0.93	0.6005

11 rs12418451	13 rs1407581	65673401	1.46	0.0005512	0.79	0.114
11 rs12418451	13 rs2174628	70514479	1.41	0.0005081	1.14	0.2714
11 rs12418451	13 rs9600915	77164842	0.32	0.00006014	1.08	0.822
11 rs12418451	13 rs2182950	101241399	0.71	0.0003212	1.08	0.5307
11 rs12418451	13 rs11843211	106104240	1.61	0.0006607	0.88	0.4275
11 rs12418451	14 rs1040302	21650463	1.57	0.000763	0.97	0.8287
11 rs12418451	14 rs10151560	27778520	0.40	0.0007655	1.19	0.5495
11 rs12418451	14 rs9323204	50636673	0.61	0.000119	1.06	0.7264
11 rs12418451	14 rs1188076	55044228	0.67	0.0001948	1.12	0.4083
11 rs12418451	14 rs172900	69518660	2.62	0.0002031	1.03	0.95
11 rs12418451	14 rs1042897	99818376	2.02	0.00005987	0.80	0.2814
11 rs12418451	14 rs7159412	100345436	0.63	0.000208	1.29	0.1207
11 rs12418451	15 rs7183814	41316922	1.83	0.0003023	0.89	0.5475
11 rs12418451	15 rs2163194	52150269	0.40	0.0002161	0.85	0.6595
11 rs12418451	15 rs1713551	69096647	1.44	0.00009012	0.85	0.1709
11 rs12418451	16 rs7188849	6698381	1.42	0.0008518	1.04	0.7774
11 rs12418451	16 rs11862735	26024222	0.63	0.0007145	0.93	0.66
11 rs12418451	16 rs211502	26706096	0.52	0.0008626	0.68	0.1078
11 rs12418451	16 rs918663	72017320	0.63	0.00006485	0.75	0.07471
11 rs12418451	16 rs403070	82362205	0.71	0.0008263	0.95	0.7192
11 rs12418451	17 rs3859229	8501309	1.66	0.0001257	1.06	0.7429
11 rs12418451	17 rs171361	23590485	0.64	0.00002481	1.09	0.4832
11 rs12418451	17 rs6504115	43661296	0.59	0.0006543	0.83	0.3926
11 rs12418451	17 rs510629	72412530	0.58	0.0008351	0.72	0.1037
11 rs12418451	18 rs722725	405105	1.54	0.0001101	1.26	0.1057
11 rs12418451	18 rs16955689	9804187	0.46	0.0009457	0.89	0.6727
11 rs12418451	18 rs4796955	12252402	1.41	0.0003277	0.99	0.9116
11 rs12418451	18 rs12606098	34035797	0.44	0.000902	0.76	0.4858
11 rs12418451	18 rs1368165	35749778	0.67	0.0004289	1.34	0.04244
11 rs12418451	18 rs1991746	35872800	1.44	0.0009805	1.01	0.9572
11 rs12418451	18 rs12955474	55303018	0.46	0.0002347	0.95	0.8208
11 rs12418451	18 rs17682962	56732771	2.15	0.0001175	1.13	0.5836
11 rs12418451	18 rs1720844	59610346	0.67	0.00006581	1.06	0.6488
11 rs12418451	18 rs1701648	59614764	1.53	0.00009272	1.23	0.1214
11 rs12418451	18 rs8089397	69736305	1.44	0.0002732	0.95	0.679
11 rs12418451	18 rs1944550	73144551	1.53	0.0005593	1.07	0.6514
11 rs12418451	19 rs308054	3056987	1.41	0.0003464	1.08	0.51
11 rs12418451	19 rs1019212	51421059	0.72	0.0003869	0.97	0.8213
11 rs12418451	20 rs11906326	19651711	0.48	0.00005273	0.92	0.7182
11 rs12418451	20 rs12481719	60932842	0.64	0.0009962	1.27	0.1677
11 rs12418451	21 rs13049627	15596075	0.58	0.0002557	0.96	0.8327
11 rs12418451	21 rs2830201	26699693	0.55	0.0003388	1.06	0.7819
11 rs12418451	21 rs2211855	38416690	0.72	0.0006824	0.98	0.8825
11 rs12418451	22 rs2267010	21858920	0.46	0.0008204	0.95	0.8715
11 rs12418451	22 rs1489892	32937597	1.47	0.0001787	0.92	0.5235
11 rs12418451	22 rs5754914	32964600	0.72	0.0007042	1.00	0.9943
11 rs12418451	22 rs2213725	42599015	1.85	0.0008173	0.97	0.9053
11 rs12418451	22 rs136037	44580417	0.46	0.0003395	1.51	0.1809
11 rs7127900	1 rs11583248	58764910	0.58	0.0002665	0.69	0.02819
11 rs7127900	1 rs879424	71156013	2.85	0.0009053	1.09	0.7944
11 rs7127900	1 rs12060538	96998402	0.47	0.00005878	0.83	0.3837
11 rs7127900	1 rs1886736	119979586	2.00	0.0002089	0.75	0.1127

11 rs7127900	1 rs6667611	171764798	1.66	0.0003175	0.88	0.4158
11 rs7127900	1 rs10912092	184241145	2.93	0.0007052	1.22	0.5386
11 rs7127900	1 rs6666839	204565920	0.51	0.0004732	1.13	0.5916
11 rs7127900	1 rs4658774	241935174	0.54	0.0005335	0.93	0.7315
11 rs7127900	1 rs2298107	241938595	0.61	0.0002349	0.98	0.8808
11 rs7127900	2 rs11096562	19006005	0.65	0.0002749	0.88	0.353
11 rs7127900	2 rs3770827	36659563	0.63	0.0003659	0.78	0.09074
11 rs7127900	2 rs2372704	36808234	1.56	0.00007201	1.17	0.2243
11 rs7127900	2 rs6706514	64964867	2.08	0.000925	1.45	0.201
11 rs7127900	2 rs11678149	66957047	0.47	0.0004297	0.98	0.9294
11 rs7127900	2 rs6710594	99749623	1.66	0.00002453	1.22	0.144
11 rs7127900	2 rs10496340	99850827	1.84	0.00001549	1.06	0.6917
11 rs7127900	2 rs10209330	114257679	1.54	0.0001217	1.01	0.939
11 rs7127900	2 rs12998926	114262890	1.91	0.0005963	1.01	0.9489
11 rs7127900	2 rs6745541	124966817	1.55	0.0007025	0.92	0.5508
11 rs7127900	2 rs16829881	134573909	1.88	0.0001103	0.72	0.1182
11 rs7127900	2 rs10496880	142071167	0.46	0.0004575	1.27	0.3223
11 rs7127900	2 rs6760500	160773613	0.45	0.000518	1.17	0.55
11 rs7127900	2 rs3820831	173928935	2.19	0.0003494	1.26	0.3013
11 rs7127900	2 rs1406248	181260019	1.51	0.0002064	0.89	0.3353
11 rs7127900	2 rs6741676	181444160	0.66	0.0004873	0.99	0.9385
11 rs7127900	2 rs17335169	212262667	2.40	0.0004949	2.08	0.03651
11 rs7127900	2 rs7590938	217288948	1.45	0.0007787	1.03	0.7955
11 rs7127900	2 rs2276643	220225456	1.60	0.0003324	0.95	0.7258
11 rs7127900	2 rs4674730	223632885	1.82	0.000515	1.02	0.9303
11 rs7127900	2 rs12468846	224518921	2.28	0.00001946	0.72	0.1083
11 rs7127900	2 rs6436445	224547951	1.51	0.0005478	0.76	0.05382
11 rs7127900	2 rs3821002	231694546	1.45	0.0007347	1.01	0.9172
11 rs7127900	2 rs10175828	234163817	0.52	0.0004563	1.41	0.1028
11 rs7127900	3 rs1438168	10412280	1.58	0.000333	0.86	0.2797
11 rs7127900	3 rs34906	10426880	1.64	0.00006334	0.77	0.04909
11 rs7127900	3 rs2304725	10860920	1.47	0.0008559	1.36	0.02258
11 rs7127900	3 rs6769422	11698224	0.61	0.0002285	1.00	0.9817
11 rs7127900	3 rs7626688	61081361	0.69	0.0007848	0.86	0.2209
11 rs7127900	3 rs12629319	63431526	0.66	0.0009298	1.12	0.453
11 rs7127900	3 rs1490235	67406360	0.64	0.0002128	0.89	0.3737
11 rs7127900	3 rs13318899	108809843	0.54	0.0005764	1.22	0.3372
11 rs7127900	3 rs9869102	142621531	2.33	0.0005553	0.83	0.4589
11 rs7127900	3 rs13066347	151351036	1.74	0.00021	1.19	0.3299
11 rs7127900	3 rs954732	154522385	0.69	0.000994	1.08	0.5264
11 rs7127900	3 rs1554555	191533914	1.43	0.0009712	0.86	0.2261
11 rs7127900	4 rs2857861	3360736	1.43	0.0008788	0.95	0.6746
11 rs7127900	4 rs2637691	38420760	2.22	0.0005754	0.81	0.2879
11 rs7127900	4 rs980779	42765353	2.38	0.0002977	1.70	0.05749
11 rs7127900	4 rs1387954	44177052	0.69	0.0007291	0.94	0.6477
11 rs7127900	4 rs1021304	48297623	2.11	0.0007066	1.21	0.3764
11 rs7127900	4 rs1385984	72378710	1.67	0.0006052	1.15	0.4049
11 rs7127900	4 rs2298753	100615085	0.52	0.000369	0.98	0.9319
11 rs7127900	4 rs17050108	120347236	1.82	0.0003817	0.82	0.2705
11 rs7127900	4 rs12233664	125033090	7.18	2.20E-06	1.25	0.5466
11 rs7127900	4 rs17048650	137689161	0.48	0.0002481	0.94	0.801
11 rs7127900	4 rs1551491	168101866	1.61	0.0004433	0.97	0.8458

11 rs7127900	4 rs13116721	176128301	0.68	0.0004686	0.89	0.3317
11 rs7127900	4 rs1857955	189717948	1.64	0.000299	0.92	0.5885
11 rs7127900	5 rs271421	6407132	2.55	4.19E-06	0.94	0.7697
11 rs7127900	5 rs166605	6414683	1.82	0.00004334	0.86	0.3593
11 rs7127900	5 rs6889477	13651206	1.49	0.0008801	1.11	0.4422
11 rs7127900	5 rs1541079	26177408	0.46	0.0006059	1.05	0.8577
11 rs7127900	5 rs1478903	40264131	0.66	0.0005228	1.13	0.3897
11 rs7127900	5 rs2406369	52224146	1.49	0.0002613	0.80	0.08259
11 rs7127900	5 rs17315098	56938838	0.51	0.00003229	0.91	0.6483
11 rs7127900	5 rs230877	56967784	1.45	0.0007909	0.94	0.639
11 rs7127900	5 rs10052232	57080924	1.69	0.0009448	0.96	0.8037
11 rs7127900	5 rs920584	78038407	0.58	0.000319	1.02	0.8989
11 rs7127900	5 rs7737445	80239434	0.64	0.0005537	1.11	0.5247
11 rs7127900	5 rs958575	80242229	0.66	0.0001292	0.86	0.254
11 rs7127900	5 rs4568396	85353999	1.60	0.0001063	0.98	0.8498
11 rs7127900	5 rs10514346	90524423	0.44	0.0002155	1.09	0.7375
11 rs7127900	5 rs2044241	112551425	1.57	0.000568	0.96	0.7605
11 rs7127900	5 rs2900115	117442249	2.18	0.0001997	1.11	0.6083
11 rs7127900	5 rs17143539	117449102	1.68	0.0003428	1.27	0.128
11 rs7127900	5 rs1595712	124610777	1.51	0.0009947	1.04	0.7809
11 rs7127900	5 rs7724562	125145336	0.40	0.00007906	0.79	0.3464
11 rs7127900	5 rs2967789	137034740	1.64	0.0005395	1.14	0.451
11 rs7127900	5 rs2905589	137046286	0.69	0.0008245	0.88	0.293
11 rs7127900	5 rs2967807	137067637	0.61	0.00005839	0.77	0.05609
11 rs7127900	5 rs7713839	137238550	1.49	0.0003409	1.11	0.4557
11 rs7127900	5 rs10061456	137619852	1.51	0.0002955	1.06	0.6498
11 rs7127900	5 rs1113749	162987076	0.69	0.0009562	0.99	0.9444
11 rs7127900	5 rs7722673	167776814	0.46	0.0003405	1.00	0.9952
11 rs7127900	5 rs168678	169203390	0.67	0.0004018	1.04	0.7372
11 rs7127900	6 rs238048	1173644	1.52	0.0002104	0.86	0.2535
11 rs7127900	6 rs9503822	3873162	4.10	0.0003689	0.72	0.3459
11 rs7127900	6 rs742341	6486882	0.37	0.0002978	0.94	0.8399
11 rs7127900	6 rs1539421	16054656	0.54	0.0008599	0.82	0.411
11 rs7127900	6 rs586124	20279905	0.69	0.0007662	0.82	0.1141
11 rs7127900	6 rs9350220	20290813	0.66	0.0003169	0.87	0.2815
11 rs7127900	6 rs9358481	22120545	1.73	0.00075	0.81	0.2589
11 rs7127900	6 rs9266638	31455036	1.57	0.000161	1.02	0.886
11 rs7127900	6 rs11755487	42614077	1.65	0.0003368	0.73	0.03197
11 rs7127900	6 rs6939062	66690502	0.57	0.0006491	0.96	0.8154
11 rs7127900	6 rs9363524	66874633	2.05	0.000445	1.11	0.6466
11 rs7127900	6 rs6927647	72346372	2.32	0.00008858	0.83	0.4171
11 rs7127900	6 rs4235866	72592574	1.49	0.0003964	0.99	0.9569
11 rs7127900	6 rs4707795	94111589	0.60	0.0004767	0.88	0.4242
11 rs7127900	6 rs4642484	100558771	0.51	0.0002565	0.72	0.08884
11 rs7127900	6 rs527609	108292560	1.74	0.0008714	0.98	0.8891
11 rs7127900	6 rs155156	120533414	0.69	0.0008907	0.98	0.9023
11 rs7127900	6 rs12179084	135621590	0.51	0.0001856	1.18	0.382
11 rs7127900	6 rs12211587	150605756	0.59	0.000873	1.28	0.137
11 rs7127900	6 rs7738233	154662661	0.68	0.0003833	0.96	0.7531
11 rs7127900	6 rs9654572	165592870	1.86	0.0004011	0.95	0.7802
11 rs7127900	6 rs10080703	167197275	0.61	0.000478	0.86	0.3314
11 rs7127900	7 rs6948739	2706436	0.68	0.0007107	1.02	0.875

11 rs7127900	7 rs12374759	13089930	0.65	0.0005535	1.29	0.1307
11 rs7127900	7 rs7787720	13659894	0.67	0.000196	1.00	0.9969
11 rs7127900	7 rs706075	16619594	1.59	0.0006003	0.87	0.3483
11 rs7127900	7 rs17148818	23929658	2.15	0.0009478	0.78	0.2677
11 rs7127900	7 rs1112565	54638281	0.62	0.0003212	0.82	0.22
11 rs7127900	7 rs1568865	69860888	3.21	0.000157	0.35	0.00084
11 rs7127900	7 rs17142170	69912454	0.43	0.00007977	1.00	0.9871
11 rs7127900	7 rs1876429	85760340	0.54	0.0003294	1.12	0.5738
11 rs7127900	7 rs12704264	85761298	0.64	0.0006095	1.09	0.5428
11 rs7127900	7 rs7341512	86045531	0.59	0.00003611	1.06	0.7143
11 rs7127900	7 rs17164031	90931642	0.51	0.000464	1.31	0.1921
11 rs7127900	7 rs12705332	105305276	1.47	0.0004255	0.96	0.7513
11 rs7127900	7 rs6960498	111606789	1.57	0.0006073	1.09	0.5723
11 rs7127900	7 rs6943184	113303086	0.67	0.0003463	1.12	0.3854
11 rs7127900	7 rs6467054	125082379	1.66	0.0009102	0.95	0.7549
11 rs7127900	7 rs4731334	126108508	0.52	0.0003886	0.75	0.1509
11 rs7127900	8 rs10109850	1316149	0.27	0.0003256	1.14	0.7494
11 rs7127900	8 rs2740933	3866056	0.67	0.000936	0.87	0.2895
11 rs7127900	8 rs2407596	4660347	1.50	0.0007341	1.02	0.8703
11 rs7127900	8 rs4610770	6066540	0.68	0.0004398	1.10	0.4403
11 rs7127900	8 rs6530658	13526256	0.69	0.0009967	1.10	0.4577
11 rs7127900	8 rs9298035	61395904	0.60	0.0004843	0.76	0.0996
11 rs7127900	8 rs13439870	61431801	1.49	0.0006014	0.91	0.4286
11 rs7127900	8 rs6988200	61802606	0.26	0.0006371	1.46	0.3698
11 rs7127900	8 rs13279104	61950698	0.57	0.0008197	1.11	0.6109
11 rs7127900	8 rs7005218	61951706	1.51	0.0002911	1.15	0.2668
11 rs7127900	8 rs1482131	73320462	1.50	0.0007906	1.22	0.1837
11 rs7127900	8 rs160422	90738959	0.68	0.0002829	0.98	0.8493
11 rs7127900	8 rs6468716	101460931	1.46	0.0005287	1.04	0.7783
11 rs7127900	8 rs13265370	121723083	1.46	0.0005719	1.11	0.4112
11 rs7127900	9 rs5023561	2670879	0.52	0.0008336	1.64	0.04278
11 rs7127900	9 rs6476180	3003123	1.46	0.0007189	1.14	0.2944
11 rs7127900	9 rs6475052	16418625	1.52	0.0001101	0.93	0.5582
11 rs7127900	9 rs1880947	26762805	1.86	0.0007373	0.65	0.04532
11 rs7127900	9 rs17756299	26999738	2.55	0.0001224	0.72	0.237
11 rs7127900	9 rs535001	75563616	0.64	0.0002436	1.17	0.2667
11 rs7127900	9 rs17064095	77946600	0.47	0.0009852	1.12	0.6832
11 rs7127900	9 rs7861159	78714679	1.51	0.0004184	1.15	0.2951
11 rs7127900	9 rs12682685	96171224	1.86	0.0001612	0.91	0.5733
11 rs7127900	9 rs1923988	102115614	0.67	0.0008929	1.10	0.4673
11 rs7127900	9 rs10983070	115998629	0.67	0.0002624	0.91	0.439
11 rs7127900	9 rs10983477	116892897	1.55	0.0008773	1.00	0.9973
11 rs7127900	10 rs1041226	6683857	0.62	0.0008477	0.79	0.1374
11 rs7127900	10 rs10827631	36688572	1.53	0.0006421	0.96	0.7869
11 rs7127900	10 rs10857446	50101232	1.49	0.0006827	0.97	0.8062
11 rs7127900	10 rs768185	51809075	0.64	0.0006789	1.32	0.08845
11 rs7127900	10 rs17645750	55561316	0.46	0.0009649	1.27	0.4329
11 rs7127900	10 rs4572064	59043635	0.67	0.0002868	0.80	0.08817
11 rs7127900	10 rs7069584	75455075	1.50	0.0006158	0.88	0.3293
11 rs7127900	10 rs1856801	112382152	2.23	0.00002205	0.82	0.3631
11 rs7127900	10 rs11195244	112387134	1.55	0.0002955	0.80	0.1143
11 rs7127900	10 rs10885017	112435652	0.67	0.00044	1.21	0.1503

11 rs7127900	10 rs11195266	112443907	1.71	0.0001095	0.87	0.4059
11 rs7127900	10 rs12569902	113526356	0.45	0.0001499	1.38	0.1612
11 rs7127900	10 rs7099073	126599637	0.63	0.0006114	1.30	0.08876
11 rs7127900	11 rs3852528	2783193	0.35	0.0007392	1.06	0.8051
11 rs7127900	11 rs4758265	7963289	0.68	0.0007091	1.10	0.4492
11 rs7127900	11 rs16918503	28946186	2.02	0.0006861	1.38	0.2523
11 rs7127900	11 rs614397	63640561	1.70	0.0007799	1.03	0.8859
11 rs7127900	11 rs3751120	63641029	2.09	0.0006515	2.12	0.00832
11 rs7127900	11 rs17759748	86760138	3.56	5.22E-06	0.46	0.01247
11 rs7127900	11 rs2248524	92895363	0.65	0.0008962	1.06	0.6783
11 rs7127900	11 rs1939824	105489007	0.61	0.0007221	1.19	0.3193
11 rs7127900	11 rs7127780	105573165	0.54	0.0002848	0.97	0.8593
11 rs7127900	11 rs11215094	113995018	1.90	0.0002119	0.97	0.8826
11 rs7127900	11 rs2040325	114135503	2.14	0.0003912	0.75	0.2247
11 rs7127900	11 rs4581457	126091364	0.55	0.0005677	0.72	0.08677
11 rs7127900	11 rs1940367	127498119	3.08	0.0002247	1.04	0.8909
11 rs7127900	11 rs10894633	132353665	1.64	0.0004087	1.03	0.8639
11 rs7127900	12 rs11054425	11755548	0.65	0.0002888	0.95	0.7145
11 rs7127900	12 rs10845428	11995792	0.69	0.000924	0.93	0.5406
11 rs7127900	12 rs10880518	42198217	0.65	0.0002481	1.10	0.4783
11 rs7127900	12 rs1399447	99766373	1.85	0.0004955	0.91	0.6297
11 rs7127900	12 rs10459109	124544606	1.89	0.000123	0.97	0.8459
11 rs7127900	12 rs11059855	127734990	0.63	0.0002562	1.25	0.1211
11 rs7127900	13 rs2476509	21733572	0.45	0.00004542	0.78	0.3212
11 rs7127900	13 rs9569306	32777963	0.65	0.000776	1.04	0.807
11 rs7127900	13 rs2321164	32785226	0.67	0.0004245	0.98	0.8457
11 rs7127900	13 rs2315881	54908123	0.66	0.0004656	1.18	0.2245
11 rs7127900	13 rs9541944	68925673	2.33	0.0007061	0.98	0.9283
11 rs7127900	13 rs9318452	76289247	1.47	0.0007197	0.81	0.07527
11 rs7127900	13 rs729218	87784586	0.67	0.0004692	0.99	0.923
11 rs7127900	13 rs1159207	103073528	1.56	0.0008233	1.06	0.683
11 rs7127900	14 rs2255591	23971684	1.55	0.0007371	0.90	0.4586
11 rs7127900	14 rs6571965	39375665	0.67	0.0006806	0.78	0.05353
11 rs7127900	14 rs1014993	53720580	3.98	0.00004977	0.79	0.4521
11 rs7127900	14 rs10132600	57630378	0.69	0.00098	1.13	0.3056
11 rs7127900	14 rs8018477	67902720	0.68	0.000212	1.00	0.9732
11 rs7127900	14 rs8005615	70730940	0.62	0.0005079	1.07	0.6853
11 rs7127900	14 rs7161545	81498601	1.54	0.0006157	1.17	0.305
11 rs7127900	14 rs12896770	98013690	1.49	0.0007576	0.91	0.497
11 rs7127900	15 rs11636845	35355899	1.94	0.0001588	0.94	0.7339
11 rs7127900	15 rs12916154	48020898	0.69	0.0009074	0.99	0.9178
11 rs7127900	15 rs12913110	88677234	0.69	0.0008357	0.81	0.109
11 rs7127900	15 rs1816629	94525365	0.64	0.000548	0.98	0.8753
11 rs7127900	15 rs2170625	99611174	1.70	0.0006443	1.25	0.263
11 rs7127900	16 rs190081	3263570	0.65	0.000656	1.15	0.3182
11 rs7127900	16 rs7205618	20144402	0.69	0.000598	0.93	0.5298
11 rs7127900	16 rs17773933	76385234	0.50	0.0006974	0.70	0.1441
11 rs7127900	16 rs12923314	79760232	0.64	0.0005176	0.99	0.9359
11 rs7127900	16 rs2113148	82373088	0.57	0.0008677	0.81	0.2664
11 rs7127900	17 rs1731906	39361267	0.65	0.0001128	1.09	0.478
11 rs7127900	17 rs8064617	47097141	0.66	0.0003782	1.00	0.9986
11 rs7127900	17 rs1117293	49032652	1.59	0.000633	0.73	0.02449

11 rs7127900	17 rs4533321	61840752	1.84	0.0004022	1.02	0.9265
11 rs7127900	17 rs11077894	72738847	1.47	0.0005034	0.86	0.2418
11 rs7127900	18 rs2280568	5409138	0.57	0.0002184	1.14	0.398
11 rs7127900	18 rs11659534	13919189	0.65	0.0009069	0.89	0.4439
11 rs7127900	18 rs6508486	23253013	0.62	0.00002388	1.07	0.5874
11 rs7127900	18 rs12959715	23272335	0.65	0.0003582	0.98	0.8694
11 rs7127900	18 rs7244352	32192058	1.52	0.0002001	1.13	0.3187
11 rs7127900	18 rs2178862	36322610	0.60	0.0009605	0.90	0.5247
11 rs7127900	18 rs9961688	41224623	0.38	0.0008386	1.21	0.5391
11 rs7127900	18 rs11660858	41400307	1.73	0.0002529	1.07	0.6808
11 rs7127900	18 rs4890290	41454148	2.16	0.0005585	0.73	0.2967
11 rs7127900	18 rs12607649	58015656	0.67	0.000509	1.02	0.8654
11 rs7127900	18 rs8089263	62594147	1.98	0.0007144	1.55	0.08509
11 rs7127900	18 rs12604098	75920631	0.60	0.0006287	0.90	0.4923
11 rs7127900	19 rs14394	7934544	0.66	0.0009012	1.24	0.1361
11 rs7127900	20 rs6035353	19410207	0.65	0.0008806	1.09	0.544
11 rs7127900	20 rs6142034	31901215	0.59	0.0008915	0.76	0.1247
11 rs7127900	20 rs16988882	38312651	2.19	0.0006078	1.26	0.4212
11 rs7127900	20 rs6124332	39296953	0.59	0.0005673	0.84	0.3069
11 rs7127900	20 rs68049	40856870	1.53	0.0008196	0.80	0.1026
11 rs7127900	20 rs2298002	45159599	1.45	0.0008066	0.84	0.1811
11 rs7127900	20 rs2273102	47022529	1.52	0.0006311	1.16	0.282
11 rs7127900	20 rs6024731	54254823	0.67	0.0006083	0.95	0.7234
11 rs7127900	20 rs1041153	54310285	0.67	0.0004388	1.02	0.8666
11 rs7127900	20 rs6024797	54337486	0.45	0.000056	0.69	0.07609
11 rs7127900	20 rs454279	54947356	1.52	0.0001589	0.94	0.6097
11 rs7127900	20 rs6069938	54971219	1.52	0.0002812	1.09	0.4961
11 rs7127900	21 rs1108000	34123817	1.72	0.0003556	1.01	0.952
11 rs7127900	21 rs1539902	38259079	0.66	0.0007637	1.00	0.9875
11 rs7127900	21 rs2205202	40055232	2.17	0.0004444	1.26	0.3446
11 rs7127900	22 rs132650	34879088	1.51	0.0004441	0.91	0.4583
17 rs11649743	1 rs1149035	30847876	1.82	0.0005443	1.28	0.2229
17 rs11649743	1 rs562867	58415449	1.47	0.0007482	0.87	0.3457
17 rs11649743	1 rs11576201	58468669	1.61	0.0001011	0.85	0.2617
17 rs11649743	1 rs3920772	76453604	2.61	0.0009052	0.68	0.2367
17 rs11649743	1 rs6672694	76464521	0.69	0.0007738	1.00	0.9834
17 rs11649743	1 rs4259706	81371699	0.53	0.0003961	0.96	0.8309
17 rs11649743	1 rs643841	110544869	0.67	0.0009053	0.96	0.7669
17 rs11649743	1 rs12564854	113549894	0.53	0.000511	1.06	0.7713
17 rs11649743	1 rs10494638	187315272	0.57	0.0007222	1.23	0.2739
17 rs11649743	1 rs6659502	207234722	1.80	0.0004431	1.15	0.4951
17 rs11649743	1 rs10916036	223266036	0.67	0.0006843	0.88	0.346
17 rs11649743	1 rs241324	225223369	0.60	0.000466	0.88	0.4803
17 rs11649743	1 rs12240157	236806173	1.78	0.0007665	1.16	0.5026
17 rs11649743	2 rs16857265	11281010	3.11	0.0001672	1.39	0.376
17 rs11649743	2 rs4668722	11460078	0.53	0.0001005	0.86	0.4415
17 rs11649743	2 rs11680088	16453191	1.55	0.0006621	0.88	0.4002
17 rs11649743	2 rs2342551	17236175	0.57	0.00001964	1.16	0.3347
17 rs11649743	2 rs16987049	19883443	2.28	0.000708	1.03	0.9051
17 rs11649743	2 rs4420731	22910802	1.48	0.0009012	1.12	0.4146
17 rs11649743	2 rs3845785	37314606	0.58	0.00001222	0.95	0.7012
17 rs11649743	2 rs1864490	73347042	1.55	0.0007069	1.02	0.8748

17 rs11649743	2 rs7603632	102661826	2.82	0.00007384	1.14	0.5921
17 rs11649743	2 rs1367165	103401917	0.60	0.0007203	1.33	0.1119
17 rs11649743	2 rs7564172	103787520	0.69	0.0007688	1.05	0.7259
17 rs11649743	2 rs10172870	126439541	0.63	0.0001217	1.05	0.731
17 rs11649743	2 rs1446655	129391942	1.61	0.00007548	1.06	0.6868
17 rs11649743	2 rs4954000	133443595	0.38	0.0002244	0.75	0.1286
17 rs11649743	2 rs17329834	135941018	2.59	0.0006721	1.66	0.2488
17 rs11649743	2 rs1880620	141615805	1.47	0.0005545	0.80	0.08269
17 rs11649743	2 rs4315520	152097415	1.52	0.0005458	1.23	0.1399
17 rs11649743	2 rs6751505	173727370	0.66	0.0002413	0.86	0.2583
17 rs11649743	2 rs7604030	180908390	1.52	0.0001582	1.03	0.8202
17 rs11649743	2 rs6727001	195689738	1.56	0.000598	0.95	0.7044
17 rs11649743	2 rs16824707	205823523	2.10	0.0006395	0.68	0.2125
17 rs11649743	2 rs931817	212962656	2.94	0.0002826	0.81	0.6743
17 rs11649743	3 rs4858289	21081660	0.48	0.00004869	0.81	0.3578
17 rs11649743	3 rs1483829	25329353	0.38	0.0007983	1.13	0.7246
17 rs11649743	3 rs11129629	35013143	1.76	0.0006988	0.84	0.4124
17 rs11649743	3 rs11718279	68805704	0.62	0.0002675	1.28	0.1377
17 rs11649743	3 rs13327393	72358105	2.64	0.0004185	0.73	0.2638
17 rs11649743	3 rs1518997	83274783	0.65	0.0009204	1.02	0.9132
17 rs11649743	3 rs9876009	118931999	0.31	0.0002382	1.05	0.8525
17 rs11649743	3 rs12107990	171159679	1.91	0.0009321	1.54	0.07812
17 rs11649743	3 rs1425101	191552937	0.44	0.0002576	0.53	0.01532
17 rs11649743	3 rs1593313	191628315	0.60	0.0004141	0.73	0.06428
17 rs11649743	3 rs4234625	194357449	1.62	0.0005133	0.98	0.9044
17 rs11649743	4 rs13110377	17047428	0.67	0.0003735	0.96	0.7725
17 rs11649743	4 rs6824969	23739566	0.53	0.0003223	0.95	0.8038
17 rs11649743	4 rs4861025	42092009	0.67	0.0003967	0.94	0.6194
17 rs11649743	4 rs3857048	90966137	0.50	0.0001194	0.62	0.04237
17 rs11649743	4 rs6820267	91017600	0.41	0.0008459	0.73	0.3673
17 rs11649743	4 rs12640855	100809119	0.57	0.0007084	0.92	0.6692
17 rs11649743	4 rs13123292	100999291	0.60	0.0003473	0.96	0.841
17 rs11649743	4 rs2189222	105077697	0.61	0.00001038	1.03	0.8074
17 rs11649743	4 rs2214372	105084610	1.58	0.00006615	1.09	0.5568
17 rs11649743	4 rs17446418	114775610	0.64	0.0005612	1.00	0.9763
17 rs11649743	4 rs299116	139789706	0.61	0.0005353	0.79	0.1272
17 rs11649743	4 rs3914451	162056610	0.61	0.000672	0.84	0.3826
17 rs11649743	4 rs369966	167535903	2.51	0.0006568	0.93	0.8055
17 rs11649743	4 rs11931189	189725329	1.57	0.0006577	0.92	0.5889
17 rs11649743	5 rs2246725	5922722	0.63	0.00007171	1.02	0.9022
17 rs11649743	5 rs34687	34042267	0.58	0.0002391	0.87	0.443
17 rs11649743	5 rs6891980	67029156	0.57	0.0008699	1.17	0.4154
17 rs11649743	5 rs10069962	107319723	1.87	0.0005874	0.73	0.1427
17 rs11649743	5 rs10068843	168865171	2.37	0.0002876	0.80	0.3877
17 rs11649743	5 rs6893165	169334347	1.47	0.0007913	0.97	0.8357
17 rs11649743	6 rs12210411	6954379	0.54	0.0003952	0.66	0.0417
17 rs11649743	6 rs7767721	9897079	1.77	0.0007724	1.34	0.1971
17 rs11649743	6 rs6914253	9932450	1.94	0.0002226	1.38	0.1473
17 rs11649743	6 rs3132485	31351368	0.68	0.0004995	0.72	0.01385
17 rs11649743	6 rs1537232	39059976	0.55	0.0001461	1.26	0.2024
17 rs11649743	6 rs6458299	42694036	0.69	0.0006397	1.08	0.5597
17 rs11649743	6 rs9404726	58491098	2.02	0.0001359	1.23	0.3557

17 rs11649743	6 rs1207165	71876631	0.45	0.0008137	1.18	0.519
17 rs11649743	6 rs1003106	80669465	0.34	0.0009458	1.24	0.5599
17 rs11649743	6 rs10944710	94788810	1.54	0.0002213	1.02	0.9085
17 rs11649743	6 rs9354096	94941739	0.57	0.0006779	0.86	0.4422
17 rs11649743	6 rs17543938	110570204	2.26	0.0009973	1.03	0.935
17 rs11649743	6 rs362848	146724178	1.94	0.0005161	1.23	0.378
17 rs11649743	6 rs9497879	148165947	0.40	0.0006794	0.61	0.2224
17 rs11649743	6 rs17081698	152224213	0.46	0.00002322	1.07	0.7197
17 rs11649743	6 rs9479770	154578459	0.43	0.000831	0.74	0.2095
17 rs11649743	7 rs706075	16619594	1.73	0.00003536	1.12	0.4785
17 rs11649743	7 rs156422	23083790	0.26	0.0003451	1.22	0.5612
17 rs11649743	7 rs1001476	38602705	2.45	0.00009818	1.09	0.7293
17 rs11649743	7 rs7787329	64279352	0.59	3.53E-06	1.06	0.6826
17 rs11649743	7 rs12704267	85851481	1.56	0.0009911	1.07	0.6716
17 rs11649743	7 rs1196471	121228864	1.49	0.0009222	0.93	0.6095
17 rs11649743	7 rs6954522	141300966	1.47	0.0003979	1.02	0.8893
17 rs11649743	7 rs10952397	152336223	2.71	0.0005239	1.86	0.09911
17 rs11649743	8 rs7819541	22098096	0.42	0.0004992	0.88	0.5853
17 rs11649743	8 rs17059222	28519286	2.39	0.0001209	0.99	0.9549
17 rs11649743	8 rs7009022	33819946	0.63	0.00003804	0.99	0.9444
17 rs11649743	8 rs3104910	96520830	0.65	0.0007112	1.15	0.3476
17 rs11649743	8 rs13262291	104236359	1.51	0.0008536	1.05	0.7174
17 rs11649743	8 rs6469456	114478463	1.52	0.0001382	1.17	0.2393
17 rs11649743	8 rs9942736	114661787	0.66	0.0003479	0.93	0.601
17 rs11649743	8 rs7820596	136356596	2.08	0.0008019	0.81	0.4422
17 rs11649743	8 rs6577842	138882542	1.72	0.0008885	0.87	0.4347
17 rs11649743	8 rs10109395	140608594	0.63	0.0007874	0.78	0.1075
17 rs11649743	9 rs16907007	2496405	0.43	0.0004866	1.26	0.372
17 rs11649743	9 rs10121158	5473919	0.68	0.0008503	0.91	0.4853
17 rs11649743	9 rs10976327	7488282	0.51	0.0001044	1.16	0.4337
17 rs11649743	9 rs1916310	15005129	0.42	0.0003677	0.99	0.9768
17 rs11649743	9 rs10811922	23393315	1.55	0.0001451	0.95	0.6943
17 rs11649743	9 rs4977853	23394913	0.69	0.0009563	1.09	0.5203
17 rs11649743	9 rs666812	27110369	1.48	0.0007769	0.99	0.937
17 rs11649743	9 rs625767	27125713	0.67	0.0001821	0.95	0.7317
17 rs11649743	9 rs277579	34762268	0.67	0.0009226	1.28	0.1083
17 rs11649743	9 rs17197465	78206030	0.51	0.000679	1.16	0.5138
17 rs11649743	9 rs10991759	89873483	2.31	0.0002886	0.90	0.6569
17 rs11649743	9 rs17372214	95515044	0.53	0.0005247	0.81	0.3794
17 rs11649743	9 rs1475663	120402254	0.62	0.0002027	1.02	0.8747
17 rs11649743	9 rs10119203	121892632	2.34	0.0001897	1.44	0.3008
17 rs11649743	9 rs13289026	129044374	0.69	0.000986	1.00	0.9867
17 rs11649743	10 rs6602637	13254818	1.76	0.00008733	0.79	0.2474
17 rs11649743	10 rs6602640	13267610	1.94	0.0001591	1.15	0.5184
17 rs11649743	10 rs10796171	14276834	1.48	0.0009629	0.99	0.962
17 rs11649743	10 rs12765367	18753912	2.18	0.0005119	0.56	0.01599
17 rs11649743	10 rs10764051	19862776	1.90	0.00005431	1.17	0.4255
17 rs11649743	10 rs3852482	19937200	1.91	0.00007717	0.95	0.7989
17 rs11649743	10 rs10828115	21044654	1.74	0.0003368	0.88	0.4496
17 rs11649743	10 rs1891645	54300680	0.66	0.0002388	1.00	0.9789
17 rs11649743	10 rs7068672	58016296	0.56	0.0002631	1.02	0.9213
17 rs11649743	10 rs10826092	59045810	0.36	0.0002081	1.40	0.309

17 rs11649743	10 rs7100549	67336227	1.60	0.0006952	1.23	0.2335
17 rs11649743	10 rs7898272	72810822	3.95	0.0002358	0.82	0.4706
17 rs11649743	10 rs16934601	78756419	2.20	0.0003507	1.23	0.4566
17 rs11649743	10 rs10886224	85125826	2.21	0.0003729	0.87	0.5493
17 rs11649743	10 rs814626	90419016	1.61	0.0003973	0.92	0.6033
17 rs11649743	10 rs1332260	110366810	1.52	0.0007556	0.89	0.426
17 rs11649743	10 rs6482814	132295907	1.61	0.0001316	1.30	0.07551
17 rs11649743	10 rs1176490	132310499	0.69	0.0009468	1.02	0.8672
17 rs11649743	10 rs1665536	132350358	1.49	0.0002771	1.06	0.6651
17 rs11649743	11 rs7127415	2966014	0.67	0.0008145	0.97	0.8509
17 rs11649743	11 rs10500601	4412531	0.66	0.0004948	0.85	0.2468
17 rs11649743	11 rs17355605	5339917	0.52	0.00007541	0.85	0.3299
17 rs11649743	11 rs1498481	5440712	1.57	0.0001036	1.01	0.9394
17 rs11649743	11 rs2568127	19947274	1.58	0.000962	0.89	0.4804
17 rs11649743	11 rs11037304	43148619	1.56	0.000719	1.05	0.7636
17 rs11649743	11 rs7129429	80705769	0.62	0.0004877	0.76	0.09516
17 rs11649743	11 rs12275196	81898557	0.49	0.0009891	1.44	0.2091
17 rs11649743	11 rs11018528	88570025	0.67	0.0008786	0.99	0.9639
17 rs11649743	11 rs609821	106844365	0.63	0.0002023	0.75	0.03153
17 rs11649743	11 rs2846419	107981030	1.47	0.0005508	0.99	0.9131
17 rs11649743	11 rs600964	112655260	0.66	0.0006208	0.96	0.7603
17 rs11649743	11 rs7122006	128332607	0.67	0.0005322	0.97	0.8357
17 rs11649743	11 rs7938490	128334794	1.52	0.000263	0.86	0.2995
17 rs11649743	12 rs11055446	13490959	1.60	0.0004054	1.19	0.2613
17 rs11649743	12 rs12368607	13524260	2.00	0.0001147	1.26	0.3017
17 rs11649743	12 rs7965989	15252982	0.68	0.0009356	0.81	0.1343
17 rs11649743	12 rs16911922	16453667	0.42	0.0002151	1.47	0.2383
17 rs11649743	12 rs11049939	28991896	0.48	0.0009804	0.81	0.4312
17 rs11649743	12 rs954147	71189568	1.64	0.0004054	1.01	0.9382
17 rs11649743	12 rs17227367	87801692	2.38	0.0003683	1.94	0.06273
17 rs11649743	12 rs2596718	96837441	1.57	0.00007359	0.93	0.6039
17 rs11649743	12 rs1882497	103402929	0.69	0.0008915	0.95	0.6614
17 rs11649743	12 rs7138273	118085464	0.41	0.0007223	1.39	0.4072
17 rs11649743	12 rs12425558	124648097	0.44	0.0009493	1.25	0.4063
17 rs11649743	12 rs11058355	124829031	1.77	0.0005836	0.72	0.1346
17 rs11649743	12 rs11147155	132089370	1.73	0.0001603	1.18	0.3943
17 rs11649743	13 rs9568366	49464467	1.97	0.0001636	0.93	0.7415
17 rs11649743	13 rs7326634	85638600	1.44	0.0005758	1.03	0.8097
17 rs11649743	13 rs9560581	89663382	1.54	0.0004175	1.11	0.497
17 rs11649743	13 rs7981060	92931393	1.61	0.0002976	0.94	0.7007
17 rs11649743	13 rs10492629	93835154	0.61	0.000593	0.90	0.5289
17 rs11649743	13 rs17253885	93837727	0.46	0.0008469	1.10	0.7606
17 rs11649743	13 rs2146443	111652791	1.59	0.0003871	0.90	0.5102
17 rs11649743	14 rs17111750	19980248	1.53	0.0004585	0.97	0.832
17 rs11649743	14 rs1753430	22172809	0.67	0.0002242	1.22	0.1382
17 rs11649743	14 rs910509	36776630	0.66	0.0008499	1.07	0.6417
17 rs11649743	14 rs1956280	51611997	0.33	0.0007177	1.06	0.8634
17 rs11649743	14 rs17099807	61917228	3.20	0.0005759	0.63	0.2815
17 rs11649743	14 rs8010588	94471179	0.49	0.00002168	0.89	0.5556
17 rs11649743	15 rs11854682	31527568	0.25	0.0005574	0.76	0.4255
17 rs11649743	15 rs10163060	59648832	0.61	0.0001738	1.00	0.9919
17 rs11649743	15 rs1465883	86851838	1.55	0.0001287	0.95	0.7018

17 rs11649743	16 rs3764276	29580704	0.46	0.0009578	1.04	0.8829
17 rs11649743	16 rs11642983	48154924	1.68	0.0004685	0.95	0.7583
17 rs11649743	16 rs12923113	48172019	1.56	0.0003912	1.09	0.5463
17 rs11649743	16 rs2042360	62715318	0.63	0.0005327	1.03	0.8509
17 rs11649743	16 rs4985526	68979732	1.46	0.0007803	1.05	0.6932
17 rs11649743	16 rs12103403	79743405	0.49	0.0008376	1.00	0.9908
17 rs11649743	16 rs2216737	81538901	0.58	0.0001337	1.01	0.9487
17 rs11649743	16 rs4783318	81649731	0.42	0.0004155	1.06	0.8682
17 rs11649743	16 rs9930517	81679626	0.53	0.000674	1.37	0.1754
17 rs11649743	16 rs7189619	81731139	0.66	0.0008622	1.03	0.8489
17 rs11649743	17 rs17653433	29724636	0.35	0.0007026	2.19	0.06071
17 rs11649743	17 rs4458065	57763820	0.65	0.0007978	1.00	0.9955
17 rs11649743	17 rs9896748	62370036	3.14	0.0001171	0.55	0.06282
17 rs11649743	17 rs180098	65451908	1.59	0.0003109	1.18	0.281
17 rs11649743	17 rs4796808	74125270	0.67	0.0005921	0.91	0.4877
17 rs11649743	18 rs3897601	757210	1.49	0.0003233	0.87	0.3103
17 rs11649743	18 rs9948550	776995	0.59	0.00007396	1.34	0.06126
17 rs11649743	18 rs16977466	39147175	2.57	0.0002525	0.88	0.6214
17 rs11649743	18 rs9973048	41046901	0.55	0.0006939	1.16	0.5167
17 rs11649743	18 rs1468742	52514745	0.59	0.0001958	1.04	0.8392
17 rs11649743	18 rs1787467	52802468	2.58	0.0001336	1.28	0.359
17 rs11649743	18 rs644016	53315545	1.49	0.0009499	1.12	0.4318
17 rs11649743	18 rs17085473	67881593	5.55	0.0001953	1.16	0.7358
17 rs11649743	19 rs8106269	45139097	1.93	0.0007072	1.54	0.08165
17 rs11649743	19 rs12972202	58161816	1.87	0.0002754	0.64	0.04183
17 rs11649743	20 rs6108030	7575294	1.85	3.72E-06	1.19	0.2996
17 rs11649743	20 rs17800028	10991106	3.61	0.0001595	0.62	0.17
17 rs11649743	20 rs2207905	11427926	0.49	0.0003949	0.99	0.9675
17 rs11649743	20 rs6109798	13216365	1.90	0.0002597	0.94	0.6964
17 rs11649743	20 rs16985947	39703254	0.52	0.0002667	1.09	0.6208
17 rs11649743	20 rs8125172	56282003	0.44	0.0002082	0.77	0.3823
17 rs11649743	21 rs455804	30068040	1.62	0.0005361	0.97	0.8633
17 rs11649743	22 rs5999470	33336068	0.51	0.0004461	1.44	0.1504
17 rs11649743	22 rs6008959	45431951	0.54	0.0008258	0.83	0.3923
17 rs1859962	1 rs195707	24560210	1.32	0.0008595	0.93	0.4762
17 rs1859962	1 rs10903123	25071855	0.62	0.0009964	1.01	0.9636
17 rs1859962	1 rs729176	33711653	0.69	0.000293	0.92	0.5258
17 rs1859962	1 rs10908355	37704379	1.36	0.0002597	0.90	0.3446
17 rs1859962	1 rs2479393	55200390	0.69	0.0001032	1.03	0.7675
17 rs1859962	1 rs1505553	99261367	0.66	0.0005277	0.96	0.7761
17 rs1859962	1 rs1241164	103068498	0.49	0.000351	1.44	0.1382
17 rs1859962	1 rs1564140	103116344	0.50	0.0005353	1.08	0.7312
17 rs1859962	1 rs1870958	103169177	0.55	0.0007029	1.27	0.2223
17 rs1859962	1 rs11265558	157920254	1.39	0.0001615	1.03	0.7787
17 rs1859962	1 rs6658794	174045855	1.35	0.0004976	0.79	0.02851
17 rs1859962	1 rs6663339	177273982	1.66	0.0002146	1.10	0.6073
17 rs1859962	1 rs1890013	193926718	1.42	0.0006174	0.80	0.09185
17 rs1859962	1 rs10900497	202199442	1.61	0.0005799	1.09	0.6778
17 rs1859962	1 rs11577685	203190579	0.66	0.0001502	0.96	0.8016
17 rs1859962	1 rs2673951	231306043	1.98	0.0008892	0.85	0.6295
17 rs1859962	1 rs4660072	237851922	0.64	0.00008718	1.25	0.1296
17 rs1859962	1 rs10802206	241778237	1.34	0.0004133	0.94	0.5441

17 rs1859962	2 rs11694227	23752457	0.73	0.0002484	1.00	0.9872
17 rs1859962	2 rs3770941	36527948	0.72	0.0005484	1.07	0.541
17 rs1859962	2 rs7601924	37596910	0.71	0.0009063	0.95	0.6806
17 rs1859962	2 rs17323037	45766515	0.72	0.000169	0.89	0.2661
17 rs1859962	2 rs903231	53606497	0.71	0.0000501	0.98	0.8507
17 rs1859962	2 rs10166049	53682321	0.53	0.0004974	0.75	0.2092
17 rs1859962	2 rs4629196	54571254	1.47	0.0007648	0.89	0.3768
17 rs1859962	2 rs11889919	60568749	1.44	0.0006634	1.05	0.7169
17 rs1859962	2 rs3213672	74516328	1.71	0.0005429	0.88	0.4454
17 rs1859962	2 rs17648900	79047004	0.64	2.72E-06	1.09	0.4219
17 rs1859962	2 rs216666	80745015	1.33	0.0006609	0.90	0.317
17 rs1859962	2 rs7599128	83434142	0.49	0.0002353	1.51	0.07494
17 rs1859962	2 rs6706340	98828363	1.53	0.000185	1.29	0.0528
17 rs1859962	2 rs2670610	124145772	0.71	0.0001578	0.95	0.6621
17 rs1859962	2 rs4662818	128912842	1.46	0.0005859	0.96	0.7982
17 rs1859962	2 rs1989185	129734217	0.27	0.0001979	0.59	0.1855
17 rs1859962	2 rs6730963	133616835	0.73	0.0002047	0.92	0.4172
17 rs1859962	2 rs6712071	137338629	0.37	0.0002275	0.84	0.5213
17 rs1859962	2 rs2710184	137361697	0.60	0.0001545	1.02	0.9285
17 rs1859962	2 rs10170500	168835072	1.52	0.0008747	0.90	0.4433
17 rs1859962	2 rs17765288	186039662	0.69	0.0002581	1.10	0.4289
17 rs1859962	2 rs6720901	196490874	1.35	0.0005233	1.20	0.08865
17 rs1859962	2 rs6725512	208875924	0.71	0.000667	0.95	0.6835
17 rs1859962	2 rs1642922	225131337	0.68	0.0006608	1.50	0.005458
17 rs1859962	2 rs3177554	230903230	0.63	0.0005512	1.07	0.6468
17 rs1859962	2 rs6758385	240174103	0.48	0.000869	0.77	0.252
17 rs1859962	3 rs2543494	9156903	0.70	0.0003902	0.84	0.136
17 rs1859962	3 rs17032426	10142112	0.59	0.0001049	0.89	0.4913
17 rs1859962	3 rs9835776	43207073	0.65	0.0003647	0.84	0.2447
17 rs1859962	3 rs7651823	73592603	1.34	0.0007012	1.04	0.6999
17 rs1859962	3 rs13063426	99563502	1.78	0.0002554	0.97	0.8793
17 rs1859962	3 rs1966047	102053597	1.35	0.0004342	0.97	0.7445
17 rs1859962	3 rs9836163	140359729	0.72	0.0003056	0.89	0.2791
17 rs1859962	3 rs17440940	151825095	0.62	0.00007388	1.12	0.4381
17 rs1859962	3 rs7611480	153118024	0.69	0.0005647	1.17	0.2157
17 rs1859962	3 rs13433939	153191112	1.46	0.0003909	1.07	0.587
17 rs1859962	3 rs340254	160079961	0.73	0.0005549	1.07	0.5542
17 rs1859962	3 rs340263	160099672	0.70	0.0001724	1.02	0.8575
17 rs1859962	3 rs10804931	192324841	1.36	0.0004147	0.95	0.6219
17 rs1859962	4 rs2960306	3027504	0.72	0.0002723	1.05	0.6255
17 rs1859962	4 rs2540852	12536455	0.75	0.0009832	0.99	0.9006
17 rs1859962	4 rs1895866	13946010	0.70	0.0004223	0.93	0.5538
17 rs1859962	4 rs10024078	25751017	0.70	0.0004589	1.05	0.6691
17 rs1859962	4 rs10938268	43095510	0.73	0.0006212	0.95	0.613
17 rs1859962	4 rs2411265	53484407	1.54	0.00009558	1.04	0.7513
17 rs1859962	4 rs10000595	53486935	1.69	0.0003313	0.95	0.7736
17 rs1859962	4 rs10938064	74221549	1.37	0.0006846	1.17	0.1747
17 rs1859962	4 rs4694155	74296561	1.39	0.0001337	1.22	0.06306
17 rs1859962	4 rs6836241	83800233	1.98	0.0008244	0.98	0.9566
17 rs1859962	4 rs6844422	94424431	1.38	0.00008049	1.01	0.9141
17 rs1859962	4 rs1433656	94522419	0.71	0.0001515	0.90	0.3224
17 rs1859962	4 rs13112862	117016364	1.39	0.0002095	1.08	0.5132

17 rs1859962	4 rs4834668	119463142	0.73	0.0004519	0.92	0.4621
17 rs1859962	4 rs10020306	122840448	1.43	0.0006677	0.79	0.07667
17 rs1859962	4 rs1824347	174139307	0.74	0.0004529	0.96	0.7187
17 rs1859962	4 rs6833917	174151813	0.73	0.0009914	0.87	0.2512
17 rs1859962	4 rs447324	177805793	0.69	0.00007753	1.12	0.3548
17 rs1859962	4 rs17063301	177872073	2.16	0.0006696	0.75	0.2203
17 rs1859962	5 rs415998	5797647	1.33	0.0006892	0.98	0.8807
17 rs1859962	5 rs17524082	15775647	1.66	0.0001699	0.81	0.1511
17 rs1859962	5 rs17344271	25098855	0.64	0.0002382	1.07	0.6531
17 rs1859962	5 rs11741561	56743073	1.37	0.0006347	0.94	0.5897
17 rs1859962	5 rs854140	56985279	1.44	0.00005686	0.80	0.0468
17 rs1859962	5 rs1370977	92799310	0.59	0.0009521	1.10	0.6104
17 rs1859962	5 rs6880737	103481766	1.37	0.0003175	0.97	0.8091
17 rs1859962	5 rs16771	103605382	1.69	0.0001239	0.95	0.7134
17 rs1859962	5 rs10067879	128770570	1.53	0.0007454	1.24	0.2197
17 rs1859962	5 rs183140	148418996	1.51	0.00003144	0.99	0.9475
17 rs1859962	5 rs2061765	149042174	1.55	0.00007523	0.93	0.6437
17 rs1859962	5 rs17738959	169462481	0.73	0.0008134	0.78	0.03234
17 rs1859962	5 rs676699	180139626	0.72	0.0009635	1.04	0.7507
17 rs1859962	6 rs9470447	9526992	1.36	0.0006503	0.96	0.7212
17 rs1859962	6 rs9357334	9563239	0.72	0.0001331	1.24	0.05725
17 rs1859962	6 rs6922044	73404678	1.37	0.0005193	0.93	0.5108
17 rs1859962	6 rs9343469	77345236	1.36	0.0003585	0.93	0.5034
17 rs1859962	6 rs9443958	82885557	0.67	0.0003909	0.91	0.5744
17 rs1859962	6 rs1551112	91184911	1.33	0.0008449	1.03	0.7982
17 rs1859962	6 rs4624905	115805692	0.71	0.00005426	1.18	0.1498
17 rs1859962	6 rs9320538	115954226	1.36	0.0002004	0.94	0.5648
17 rs1859962	6 rs4897588	132864586	2.73	0.0004313	0.70	0.277
17 rs1859962	6 rs10484864	153367439	1.83	0.0004746	0.91	0.6198
17 rs1859962	6 rs9384145	154191235	0.69	0.0002803	0.96	0.715
17 rs1859962	6 rs300114	166320453	0.54	0.0008052	1.13	0.6239
17 rs1859962	7 rs10232672	29608670	1.82	0.0002611	1.04	0.8689
17 rs1859962	7 rs7776921	38275740	0.35	0.0001891	1.02	0.958
17 rs1859962	7 rs7801096	45548657	1.66	0.0002257	0.75	0.08822
17 rs1859962	7 rs17132457	48382869	1.78	0.0009349	0.76	0.2656
17 rs1859962	7 rs11974667	83441271	0.66	0.0007802	0.88	0.4233
17 rs1859962	7 rs10487089	89240605	0.70	0.0009293	1.10	0.4844
17 rs1859962	8 rs17754562	1277082	1.45	0.0006069	1.03	0.8449
17 rs1859962	8 rs2724984	4436543	1.32	0.0007661	0.91	0.3525
17 rs1859962	8 rs17053419	25252440	1.46	0.0007741	1.32	0.04111
17 rs1859962	8 rs13252932	25254008	1.79	0.0001409	1.37	0.0864
17 rs1859962	8 rs3817101	25278436	0.74	0.0005735	0.83	0.0905
17 rs1859962	8 rs1542114	26436375	0.67	0.0007394	1.03	0.8305
17 rs1859962	8 rs7463851	54731358	0.44	0.0007729	1.47	0.09486
17 rs1859962	8 rs6982683	105296144	1.87	0.0003687	1.09	0.6759
17 rs1859962	8 rs1476309	115006471	0.40	0.0004402	0.99	0.9504
17 rs1859962	8 rs16902148	128476181	0.46	0.0004836	1.10	0.6132
17 rs1859962	8 rs1075580	134483051	1.54	0.0007045	1.17	0.3407
17 rs1859962	9 rs10975956	6987045	0.47	0.0004449	0.78	0.3857
17 rs1859962	9 rs4742531	8696540	0.75	0.0005504	0.87	0.1985
17 rs1859962	9 rs17586734	8967444	1.42	0.0006662	0.88	0.2954
17 rs1859962	9 rs1360548	16279143	0.71	0.00024	1.05	0.6582

17 rs1859962	9 rs12343679	22905652	1.84	0.0007213	1.14	0.6941
17 rs1859962	9 rs7022470	80905050	1.37	0.0007243	1.15	0.1955
17 rs1859962	9 rs499806	84926183	0.73	0.0004311	1.09	0.3864
17 rs1859962	9 rs7018682	87357564	0.70	0.0008702	0.94	0.6257
17 rs1859962	9 rs10993749	90741199	0.75	0.0007942	1.02	0.8486
17 rs1859962	9 rs7045662	91716069	1.99	0.0006952	0.94	0.8212
17 rs1859962	9 rs2808539	98435179	0.73	0.0004147	1.03	0.7544
17 rs1859962	9 rs2295928	98689261	2.23	0.0004113	0.73	0.1552
17 rs1859962	9 rs10122978	100494277	0.72	0.00021	1.04	0.6856
17 rs1859962	9 rs4979136	107440438	1.40	0.0005179	1.02	0.85
17 rs1859962	9 rs2027433	108716859	0.70	0.0002271	0.99	0.9024
17 rs1859962	9 rs754333	108766451	1.59	0.0000585	0.93	0.6702
17 rs1859962	9 rs999730	108991096	1.59	0.0003856	1.10	0.5915
17 rs1859962	9 rs1930303	111151434	0.72	0.0003335	0.93	0.493
17 rs1859962	9 rs1335357	115051709	0.73	0.0002196	0.91	0.3928
17 rs1859962	9 rs12377200	117160727	0.63	0.0009587	0.98	0.8845
17 rs1859962	10 rs6560784	2040279	0.71	0.0002013	0.99	0.9079
17 rs1859962	10 rs7092971	20902433	1.38	0.000583	0.96	0.6785
17 rs1859962	10 rs3737056	27429320	1.77	0.0007961	1.24	0.2757
17 rs1859962	10 rs7923905	28355360	1.35	0.0009611	1.15	0.2395
17 rs1859962	10 rs11200876	85877300	1.61	0.0009842	1.34	0.08491
17 rs1859962	10 rs10749593	90364037	0.72	0.0003216	0.78	0.03595
17 rs1859962	10 rs10882589	97145471	1.82	0.0001773	0.95	0.8086
17 rs1859962	10 rs8187710	101601284	1.76	0.0005489	0.84	0.5458
17 rs1859962	10 rs2420679	122025586	1.41	0.0003972	1.09	0.5014
17 rs1859962	11 rs11039546	5886431	0.75	0.0005886	0.89	0.2451
17 rs1859962	11 rs10765955	12474058	0.72	0.0009036	1.04	0.7271
17 rs1859962	11 rs11030029	27469303	1.43	0.0004801	0.97	0.7817
17 rs1859962	11 rs12418749	36663125	1.60	0.0008699	0.95	0.8005
17 rs1859962	11 rs11034021	37178934	1.88	0.0006713	1.04	0.8784
17 rs1859962	11 rs12146493	65303909	0.72	0.0003017	0.79	0.03636
17 rs1859962	11 rs10501401	69512631	1.68	0.0001007	0.98	0.8839
17 rs1859962	11 rs6592808	78205837	0.74	0.0005542	0.95	0.6738
17 rs1859962	11 rs17143025	81240702	0.60	0.0004961	1.03	0.8816
17 rs1859962	11 rs12795211	98547270	0.70	0.00007282	0.83	0.08682
17 rs1859962	11 rs7928907	98590831	0.73	0.0004784	0.92	0.4162
17 rs1859962	11 rs1868422	104679600	1.70	0.0008762	1.21	0.3262
17 rs1859962	11 rs10891842	114744233	0.72	0.0001436	0.86	0.1441
17 rs1859962	11 rs11602493	119961743	1.33	0.0007588	0.99	0.8985
17 rs1859962	11 rs7129864	121489630	0.62	0.0008132	1.18	0.3526
17 rs1859962	12 rs1283807	21934007	0.70	0.0006452	1.14	0.3267
17 rs1859962	12 rs10879365	39609023	1.48	0.0003418	0.86	0.2665
17 rs1859962	12 rs3741555	48476920	2.36	0.0001439	0.80	0.353
17 rs1859962	12 rs7302368	72408761	0.70	0.0004253	0.90	0.3564
17 rs1859962	12 rs17760412	72421729	0.61	0.0002391	1.08	0.6064
17 rs1859962	12 rs17044634	76865046	1.81	0.0009601	1.30	0.3362
17 rs1859962	12 rs17693114	95970895	1.43	0.0007094	0.83	0.1539
17 rs1859962	12 rs10745782	95975316	1.35	0.0004443	0.91	0.3635
17 rs1859962	12 rs11109196	96658295	0.60	0.0009912	1.06	0.7665
17 rs1859962	13 rs475992	22772150	1.33	0.0006774	1.02	0.86
17 rs1859962	13 rs1220578	23628147	1.61	0.0008899	1.35	0.1314
17 rs1859962	13 rs7324510	27905035	1.41	0.0007374	1.07	0.5991

17 rs1859962	13 rs9532479	31233880	0.51	0.0007801	0.90	0.6225
17 rs1859962	13 rs9591669	32804935	0.71	0.0008504	1.08	0.5297
17 rs1859962	13 rs275972	35197154	0.75	0.0009244	1.01	0.9183
17 rs1859962	13 rs9533431	42690040	0.73	0.0009962	1.03	0.8146
17 rs1859962	13 rs7995943	46856938	1.82	0.0008524	1.34	0.1729
17 rs1859962	13 rs17056562	58879941	2.37	0.0001314	0.76	0.3065
17 rs1859962	13 rs17076555	65195007	1.99	0.0007304	0.89	0.7119
17 rs1859962	13 rs1937371	81663915	0.75	0.0006436	0.90	0.3576
17 rs1859962	13 rs9300407	96833384	0.72	0.0004698	0.82	0.08646
17 rs1859962	13 rs11843134	102526729	1.38	0.0004802	0.89	0.2819
17 rs1859962	13 rs4773330	110616833	0.62	0.0004633	1.00	0.9805
17 rs1859962	13 rs4145274	110742867	0.73	0.0005402	0.99	0.9407
17 rs1859962	14 rs1951800	24466920	1.83	0.0001596	0.91	0.5982
17 rs1859962	14 rs1956980	29975382	0.53	0.00007095	0.92	0.6595
17 rs1859962	14 rs7157968	30216757	1.43	0.0006486	1.24	0.1205
17 rs1859962	14 rs11624437	30581494	1.58	0.0003866	0.84	0.3193
17 rs1859962	14 rs17117907	46535909	1.57	0.0004982	0.89	0.5464
17 rs1859962	14 rs10143156	53822058	1.32	0.0008662	1.12	0.2713
17 rs1859962	14 rs1950208	53831209	1.44	0.000111	1.02	0.9047
17 rs1859962	14 rs10148629	56580668	0.70	0.00004634	0.83	0.08255
17 rs1859962	14 rs11159174	75639274	0.74	0.0005393	0.99	0.8899
17 rs1859962	14 rs2299922	77135153	1.39	0.0001292	1.03	0.7909
17 rs1859962	14 rs4293304	89464267	0.63	0.0006136	1.15	0.4099
17 rs1859962	15 rs2554426	22770288	0.55	0.0004544	0.94	0.7448
17 rs1859962	15 rs17669738	24186847	2.30	0.00007738	0.71	0.2305
17 rs1859962	15 rs16958595	32102317	0.47	0.000529	1.04	0.8709
17 rs1859962	15 rs1846135	33854365	1.71	0.0007146	0.76	0.1799
17 rs1859962	15 rs1902623	35591461	0.67	0.0007272	1.11	0.4665
17 rs1859962	15 rs275211	37223999	2.16	0.0001591	0.95	0.8427
17 rs1859962	15 rs499354	45933149	0.74	0.0003609	0.81	0.04679
17 rs1859962	15 rs11634895	49152021	1.34	0.0008837	1.04	0.7549
17 rs1859962	15 rs17679147	68025245	1.70	0.0003119	0.93	0.6706
17 rs1859962	15 rs4886844	72095993	1.34	0.0005727	1.18	0.1184
17 rs1859962	15 rs1484213	72370456	0.68	0.0007307	1.07	0.6243
17 rs1859962	15 rs932066	87396522	1.51	6.75E-06	1.13	0.2308
17 rs1859962	15 rs7168443	90808053	0.74	0.0009919	1.06	0.6351
17 rs1859962	16 rs972843	5715799	0.71	0.0006256	1.07	0.5858
17 rs1859962	16 rs1672866	55628876	1.55	0.00009938	1.02	0.8856
17 rs1859962	16 rs151338	64835347	0.68	0.0008722	1.06	0.7304
17 rs1859962	16 rs4075554	82107128	1.89	0.0002041	1.18	0.4101
17 rs1859962	16 rs11149578	82140245	0.73	0.0003786	0.89	0.3049
17 rs1859962	16 rs8061801	82142877	1.37	0.0005559	0.82	0.1072
17 rs1859962	16 rs4843365	84966897	0.59	0.0001058	0.84	0.2396
17 rs1859962	16 rs4782378	87196848	0.59	0.0002625	1.07	0.6585
17 rs1859962	17 rs4790867	1128916	1.35	0.0005228	1.18	0.107
17 rs1859962	17 rs157386	19639713	1.50	0.0009928	1.49	0.0137
17 rs1859962	17 rs16969454	29659666	1.41	0.0009201	1.06	0.6429
17 rs1859962	17 rs12602195	29684262	0.65	0.0004051	0.93	0.5851
17 rs1859962	17 rs2440139	58638930	1.84	0.000475	0.66	0.04972
17 rs1859962	18 rs11080927	2230220	1.48	0.0001683	1.08	0.5453
17 rs1859962	18 rs17647607	3585765	1.47	0.0002311	1.06	0.6388
17 rs1859962	18 rs17488442	10762311	0.72	0.0001802	1.08	0.4647

17 rs1859962	18 rs10460056	33205086	0.71	0.0009508	0.99	0.9524
17 rs1859962	18 rs3786180	44404973	1.59	0.0003068	1.04	0.7813
17 rs1859962	18 rs11873273	55672855	0.73	0.0007427	0.95	0.6746
17 rs1859962	18 rs641878	61243336	0.64	0.0005699	0.86	0.3182
17 rs1859962	18 rs8086400	65639534	1.40	0.0005874	0.98	0.8419
17 rs1859962	19 rs10411276	13296829	1.60	0.0001332	1.20	0.3023
17 rs1859962	19 rs2854506	48769229	0.67	0.0001337	0.95	0.6892
17 rs1859962	20 rs1050476	18245193	1.81	0.0001394	1.04	0.8537
17 rs1859962	20 rs13037428	18680966	0.72	0.0007858	1.00	0.9825
17 rs1859962	20 rs2328334	18695458	1.32	0.0006502	1.12	0.2538
17 rs1859962	20 rs6083274	23750092	1.34	0.0007847	0.85	0.1548
17 rs1859962	20 rs2762924	52189955	0.72	0.0005718	0.92	0.4415
17 rs1859962	21 rs2825061	19035782	1.46	0.00009865	1.40	0.002844
17 rs1859962	21 rs466884	30118125	1.60	0.0005142	1.10	0.5707
17 rs1859962	21 rs9977098	37754784	1.91	0.0006093	1.24	0.3982
17 rs1859962	21 rs9981687	42432896	1.47	0.0008322	0.93	0.5839
17 rs1859962	21 rs13046735	42982745	0.36	0.00007222	0.79	0.4612
17 rs1859962	22 rs8139804	25254619	0.71	0.0001076	0.88	0.2113
17 rs1859962	22 rs132686	34901150	1.40	0.0003674	1.12	0.3222
17 rs1859962	22 rs5764924	43084188	1.44	0.0006976	1.26	0.06791
17 rs4430796	1 rs539790	10822189	1.64	0.0007684	1.02	0.9091
17 rs4430796	1 rs1198440	23526167	0.63	0.0005469	1.16	0.3845
17 rs4430796	1 rs507667	37823966	1.33	0.0008107	1.17	0.1342
17 rs4430796	1 rs12747993	37859945	1.42	0.0001125	1.22	0.06988
17 rs4430796	1 rs7546898	41116258	0.73	0.0009517	1.04	0.7435
17 rs4430796	1 rs6696524	41208587	0.68	0.0002443	0.95	0.6746
17 rs4430796	1 rs12408331	41582660	1.39	0.0003127	1.01	0.8987
17 rs4430796	1 rs17555959	59680875	1.39	0.0008983	1.14	0.3373
17 rs4430796	1 rs4132542	61669234	1.36	0.0008929	1.07	0.5563
17 rs4430796	1 rs2478149	68244796	2.53	0.0009355	0.99	0.9681
17 rs4430796	1 rs12724819	75847383	2.49	0.0007174	0.88	0.6307
17 rs4430796	1 rs12755267	86062575	0.72	0.0009527	0.87	0.2492
17 rs4430796	1 rs1079750	93708715	0.56	0.0005452	1.31	0.1555
17 rs4430796	1 rs1077580	110319061	0.74	0.0004471	1.07	0.512
17 rs4430796	1 rs3904944	160449320	1.33	0.0009957	1.02	0.8253
17 rs4430796	1 rs4543871	209146053	1.41	0.000727	1.37	0.01453
17 rs4430796	1 rs1159268	215233301	1.38	0.000347	0.91	0.3653
17 rs4430796	1 rs10799316	221974766	0.67	0.00007906	0.85	0.1837
17 rs4430796	1 rs4306096	223780179	1.94	0.000146	1.04	0.8497
17 rs4430796	1 rs4653496	223835537	2.25	0.0007599	1.09	0.7175
17 rs4430796	1 rs9428791	235447392	0.66	0.0009056	0.82	0.2008
17 rs4430796	1 rs12028626	236181329	0.42	5.97E-06	1.82	0.01227
17 rs4430796	2 rs7568265	1257125	0.70	0.0007846	1.04	0.7775
17 rs4430796	2 rs13404653	2848246	1.40	0.0009515	0.85	0.2598
17 rs4430796	2 rs17040523	2865490	1.73	0.0001133	0.81	0.2005
17 rs4430796	2 rs2128833	20540069	1.40	0.0007523	1.25	0.04874
17 rs4430796	2 rs6740998	43862580	0.63	0.0002631	1.04	0.8112
17 rs4430796	2 rs637889	45843697	0.69	0.00008424	1.10	0.3972
17 rs4430796	2 rs6544854	45984903	0.71	0.0005057	1.10	0.3919
17 rs4430796	2 rs3738901	46151891	1.48	0.00006099	1.25	0.06032
17 rs4430796	2 rs6713640	171891152	1.43	0.0009194	0.95	0.7083
17 rs4430796	2 rs13010439	177713239	0.47	0.0007214	1.14	0.6107

17 rs4430796	2 rs7603617	180532008	0.72	0.0003642	0.90	0.3298
17 rs4430796	2 rs7584560	192473392	0.51	0.00001216	0.73	0.08105
17 rs4430796	2 rs13413265	198995188	0.72	0.0004254	0.90	0.3559
17 rs4430796	2 rs2467045	199076716	0.72	0.0003441	0.94	0.582
17 rs4430796	2 rs10202412	209835369	1.34	0.0005769	1.30	0.01752
17 rs4430796	2 rs4663163	235408160	1.34	0.0008745	1.23	0.06374
17 rs4430796	3 rs162586	351632	1.49	0.0005327	0.93	0.6342
17 rs4430796	3 rs1444053	4171996	1.37	0.0006884	1.17	0.157
17 rs4430796	3 rs9815301	24764023	0.74	0.000755	0.88	0.2343
17 rs4430796	3 rs17016781	25580890	0.66	0.0005868	0.97	0.8355
17 rs4430796	3 rs17710733	28186717	0.55	0.0005058	1.19	0.3935
17 rs4430796	3 rs1507882	36837292	0.73	0.000432	0.99	0.9362
17 rs4430796	3 rs358805	55290015	1.35	0.0009093	1.11	0.3395
17 rs4430796	3 rs6548689	80486910	0.74	0.0006487	0.82	0.06174
17 rs4430796	3 rs1358482	108294082	0.70	0.0005259	1.21	0.1328
17 rs4430796	3 rs1164175	110954167	1.35	0.0005847	0.98	0.8243
17 rs4430796	3 rs6769004	143437398	0.63	1.66E-07	0.94	0.552
17 rs4430796	3 rs6799752	143794410	0.74	0.0007865	0.91	0.3917
17 rs4430796	3 rs1456130	152246567	0.66	0.000795	0.88	0.4182
17 rs4430796	3 rs16833265	162930537	2.28	0.0003663	0.94	0.8453
17 rs4430796	3 rs11917938	163228138	1.54	0.0002669	1.17	0.3236
17 rs4430796	3 rs9854404	170525681	0.67	0.0008877	1.08	0.5717
17 rs4430796	3 rs4857746	179003470	1.56	0.0003466	0.79	0.1478
17 rs4430796	4 rs9994107	31760752	1.38	0.0007088	1.16	0.18
17 rs4430796	4 rs1523139	31780967	0.73	0.0006659	1.01	0.9037
17 rs4430796	4 rs1848116	102461118	1.49	0.0005051	1.05	0.7798
17 rs4430796	4 rs13147309	106253441	1.39	0.0001457	0.98	0.8585
17 rs4430796	4 rs11731956	116989615	1.88	0.0006351	0.80	0.3697
17 rs4430796	4 rs7685455	119454726	1.53	0.0001478	1.03	0.8247
17 rs4430796	4 rs6842766	138864237	1.46	0.0004803	0.89	0.399
17 rs4430796	4 rs7670597	170014056	1.37	0.0002279	1.00	0.9768
17 rs4430796	4 rs12507821	177220303	1.38	0.0007036	0.96	0.7464
17 rs4430796	5 rs12110008	32005587	1.43	0.0004498	1.22	0.1251
17 rs4430796	5 rs6861526	32028329	1.39	0.0005978	1.01	0.9168
17 rs4430796	5 rs4501345	33674471	0.68	0.0004038	0.97	0.7864
17 rs4430796	5 rs6450094	52258508	1.45	0.0006336	1.16	0.2506
17 rs4430796	5 rs1345815	53526494	1.37	0.0004156	1.08	0.494
17 rs4430796	5 rs6450395	55982524	1.38	0.0001741	0.78	0.0168
17 rs4430796	5 rs9687590	92260484	1.43	0.00003405	0.99	0.9378
17 rs4430796	5 rs13355543	109207920	1.40	0.0003026	1.09	0.4471
17 rs4430796	5 rs7448337	119360306	0.74	0.0008541	1.04	0.7103
17 rs4430796	5 rs7379159	159609415	1.57	0.0007699	1.06	0.7339
17 rs4430796	6 rs945144	6421277	0.75	0.0005802	0.96	0.7181
17 rs4430796	6 rs3846837	10897459	0.32	0.0008127	1.38	0.3623
17 rs4430796	6 rs12214647	19320134	1.53	0.0002792	0.82	0.1848
17 rs4430796	6 rs17226450	20818288	2.26	0.0006737	1.15	0.6361
17 rs4430796	6 rs4712856	24930283	1.53	0.0005877	1.55	0.01024
17 rs4430796	6 rs9348964	35215223	1.46	0.00005364	0.90	0.3699
17 rs4430796	6 rs9453677	67056383	1.38	0.0009187	0.91	0.4542
17 rs4430796	6 rs7454318	68972611	0.73	0.0003299	1.10	0.3626
17 rs4430796	6 rs4708308	77741448	1.41	0.0008958	0.93	0.5735
17 rs4430796	6 rs12212059	106891067	0.74	0.0005699	0.92	0.4508

17 rs4430796	6 rs3798232	116424137	1.34	0.0008777	1.01	0.8949
17 rs4430796	6 rs7759772	122260658	0.64	0.000758	1.05	0.7814
17 rs4430796	6 rs1741748	125541811	0.72	0.0008456	0.85	0.1806
17 rs4430796	6 rs4897267	129018778	0.72	0.000672	1.07	0.5836
17 rs4430796	6 rs13206072	131631132	0.70	0.0008489	0.87	0.3128
17 rs4430796	6 rs3811095	143970633	1.68	0.000919	0.98	0.9172
17 rs4430796	6 rs7769776	149307264	1.38	0.0002482	1.07	0.5316
17 rs4430796	6 rs17792649	157013937	1.41	0.0004956	0.83	0.1456
17 rs4430796	6 rs9346874	158121103	1.51	0.0005087	1.09	0.5807
17 rs4430796	7 rs2969018	2413382	1.51	0.0009225	1.07	0.6373
17 rs4430796	7 rs1025915	3806802	1.49	0.00008961	0.91	0.4282
17 rs4430796	7 rs16877378	7083871	1.51	0.0008819	0.76	0.08925
17 rs4430796	7 rs2040946	10365576	1.39	0.000408	0.89	0.3645
17 rs4430796	7 rs6946775	11729216	0.69	0.0009915	1.20	0.1645
17 rs4430796	7 rs956758	17492892	1.41	0.0001658	0.98	0.8527
17 rs4430796	7 rs2189000	18934458	0.61	0.0003384	0.83	0.2902
17 rs4430796	7 rs10236547	39412917	0.65	0.0003818	1.06	0.6886
17 rs4430796	7 rs10269402	75238980	1.43	0.000122	1.05	0.6542
17 rs4430796	7 rs1528267	78567185	0.65	0.0005225	1.01	0.9265
17 rs4430796	7 rs6979550	78715548	0.75	0.0007143	0.92	0.4123
17 rs4430796	7 rs10257151	82311358	0.62	0.0001978	0.92	0.6203
17 rs4430796	7 rs12704800	94818221	0.73	0.0003287	1.05	0.6815
17 rs4430796	7 rs17777694	104223843	0.47	0.0007766	1.03	0.8906
17 rs4430796	7 rs1419708	124915068	0.69	0.0000906	1.06	0.6174
17 rs4430796	7 rs3828959	134557643	1.41	0.0009416	1.09	0.4696
17 rs4430796	8 rs10903319	9936066	1.77	0.0001747	0.73	0.1323
17 rs4430796	8 rs16924069	59925974	1.60	0.0007728	1.02	0.9417
17 rs4430796	8 rs2513905	103874273	0.75	0.0008805	1.01	0.9633
17 rs4430796	8 rs16874202	107269875	1.58	0.000927	0.98	0.9331
17 rs4430796	8 rs4733583	129017407	1.42	0.0001105	1.18	0.143
17 rs4430796	8 rs6997355	130377006	1.43	0.0002014	0.92	0.4788
17 rs4430796	8 rs11781742	132055532	0.63	0.000208	1.06	0.7255
17 rs4430796	8 rs2673588	133471836	1.55	0.0006921	0.90	0.4633
17 rs4430796	8 rs17623738	134152912	0.73	0.0009709	1.10	0.4424
17 rs4430796	8 rs7013584	136052384	1.39	0.0006798	1.37	0.01371
17 rs4430796	8 rs7834052	140415953	1.34	0.0007767	1.07	0.5667
17 rs4430796	9 rs2065119	7956280	0.65	0.0007306	0.83	0.2471
17 rs4430796	9 rs11791614	16953863	0.68	0.00009738	0.94	0.6493
17 rs4430796	9 rs10812364	26181574	0.74	0.0005872	0.84	0.1121
17 rs4430796	9 rs7851298	28726988	0.67	0.0003252	0.94	0.6755
17 rs4430796	9 rs7848406	32899259	2.10	0.0001652	1.08	0.7309
17 rs4430796	9 rs10780221	88866858	0.75	0.0008536	1.00	0.9818
17 rs4430796	9 rs11789027	90096429	0.60	0.000104	1.21	0.2568
17 rs4430796	9 rs1776986	90142106	0.74	0.0005727	0.96	0.6971
17 rs4430796	9 rs1411820	116106461	1.39	0.0001794	0.77	0.01498
17 rs4430796	10 rs3847432	11479908	0.75	0.0007549	1.10	0.3472
17 rs4430796	10 rs10796188	14485618	0.71	0.0003286	1.21	0.08713
17 rs4430796	10 rs10494867	19849680	0.63	0.0007816	1.29	0.1322
17 rs4430796	10 rs678642	28988908	0.69	0.00006487	0.89	0.317
17 rs4430796	10 rs2893663	57263103	0.69	0.0001978	1.04	0.7611
17 rs4430796	10 rs1679482	58684359	0.53	0.0002245	0.98	0.9414
17 rs4430796	10 rs17179265	67930312	0.64	0.0001139	0.83	0.2003

17 rs4430796	10 rs1925622	68439644	0.75	0.0009391	1.00	0.9694
17 rs4430796	10 rs6480711	75401512	0.71	0.0004393	1.13	0.3332
17 rs4430796	10 rs7896966	75570468	1.41	0.0005574	0.94	0.6009
17 rs4430796	10 rs1871057	89574656	1.84	0.0006861	1.36	0.1077
17 rs4430796	10 rs7905939	94831097	0.67	0.0005088	0.80	0.08865
17 rs4430796	10 rs11189465	99759115	1.44	0.000453	0.87	0.2796
17 rs4430796	10 rs822325	108882883	1.36	0.0006238	0.99	0.9006
17 rs4430796	10 rs1909003	126924092	2.00	0.00002406	1.28	0.1476
17 rs4430796	11 rs4756859	16641768	1.54	0.0006542	1.22	0.2232
17 rs4430796	11 rs7481059	16961060	1.36	0.0005065	0.85	0.1528
17 rs4430796	11 rs12421609	42081025	1.36	0.0006342	0.94	0.5853
17 rs4430796	11 rs1894205	67702654	1.59	0.0007074	0.99	0.9552
17 rs4430796	11 rs6606675	68939423	1.36	0.0008928	1.07	0.5133
17 rs4430796	11 rs7934077	70668403	0.75	0.0009549	0.94	0.5845
17 rs4430796	11 rs4145954	74040814	1.34	0.000909	0.97	0.775
17 rs4430796	11 rs551998	78230904	0.74	0.0005048	1.28	0.02676
17 rs4430796	11 rs11226857	105204810	1.42	0.0001288	0.96	0.7186
17 rs4430796	11 rs11606636	109362446	0.73	0.0004122	0.85	0.1375
17 rs4430796	11 rs372064	115409866	0.70	0.00003966	1.10	0.3493
17 rs4430796	11 rs7933547	115447986	0.72	0.0001262	1.03	0.8129
17 rs4430796	11 rs4254085	131149739	1.34	0.0007143	0.99	0.8834
17 rs4430796	11 rs4936257	134269918	1.37	0.0003752	1.15	0.1745
17 rs4430796	12 rs226372	9170865	1.34	0.0006733	1.02	0.8345
17 rs4430796	12 rs2193509	13887540	0.73	0.0005765	0.92	0.4618
17 rs4430796	12 rs10506257	43444556	0.70	0.0005699	1.25	0.07021
17 rs4430796	12 rs4489787	47097367	0.55	0.0000305	0.89	0.5258
17 rs4430796	12 rs10506852	80665407	0.73	0.0004524	1.10	0.3786
17 rs4430796	12 rs11105649	89391778	0.52	0.0001255	0.72	0.149
17 rs4430796	12 rs10507099	96816696	0.60	0.00009874	1.06	0.7324
17 rs4430796	13 rs9507595	25357787	0.70	0.0004763	0.88	0.3078
17 rs4430796	13 rs9568404	49872916	0.60	0.0003069	0.89	0.5504
17 rs4430796	13 rs797483	50112752	0.75	0.0005917	0.88	0.2319
17 rs4430796	13 rs3121212	50116560	1.72	0.000302	0.73	0.07972
17 rs4430796	13 rs7991400	52485570	1.53	0.0007854	1.22	0.2711
17 rs4430796	13 rs4243025	52751577	1.35	0.0008971	1.17	0.1481
17 rs4430796	13 rs2813576	52838318	1.50	5.14E-06	1.13	0.274
17 rs4430796	13 rs9318281	73972657	1.60	0.00003486	1.13	0.4095
17 rs4430796	13 rs9565165	74950791	1.90	0.0007935	0.86	0.5272
17 rs4430796	13 rs9530810	78141337	0.66	9.68E-06	0.82	0.07464
17 rs4430796	13 rs7332387	92450024	0.57	0.000732	0.70	0.08545
17 rs4430796	13 rs1159278	96883350	1.36	0.0008858	0.95	0.6542
17 rs4430796	13 rs16972098	107634383	1.57	0.0009733	1.04	0.837
17 rs4430796	13 rs7334921	109515518	0.70	0.0001586	0.96	0.7426
17 rs4430796	13 rs6560953	113815074	1.36	0.0005164	1.03	0.7781
17 rs4430796	14 rs1684693	41618007	1.46	0.0001316	0.94	0.5733
17 rs4430796	14 rs8013464	57583627	1.34	0.0007597	0.98	0.8288
17 rs4430796	14 rs7142426	82398542	0.35	0.000869	1.23	0.4988
17 rs4430796	14 rs11851374	82761648	1.45	0.0003948	1.37	0.01262
17 rs4430796	14 rs8008253	84582918	0.55	0.0006299	0.82	0.2564
17 rs4430796	14 rs12586815	93020309	1.73	0.0008872	0.94	0.7403
17 rs4430796	15 rs4924364	37578281	2.57	0.00088	2.18	0.05678
17 rs4430796	15 rs1680481	58934236	0.55	0.0002706	1.46	0.09652

17 rs4430796	15 rs17699836	68608324	1.56	0.0009098	0.96	0.8206
17 rs4430796	15 rs1002556	89575887	0.71	0.0009619	0.95	0.7331
17 rs4430796	15 rs11636050	90897152	0.72	0.0004062	1.03	0.7804
17 rs4430796	16 rs2178725	462673	1.37	0.000251	1.27	0.03015
17 rs4430796	16 rs7199670	22782739	0.63	0.0008389	1.33	0.1521
17 rs4430796	17 rs17793742	6016321	2.57	0.0002406	1.76	0.1382
17 rs4430796	17 rs9913336	61955159	1.35	0.0004786	1.22	0.0549
17 rs4430796	17 rs10512512	61965255	1.57	0.0001543	1.36	0.04387
17 rs4430796	18 rs2240898	3585284	0.72	0.0002276	1.00	0.9684
17 rs4430796	18 rs17478171	5711992	0.59	0.0006691	0.81	0.2546
17 rs4430796	18 rs16954758	9053837	1.76	0.0009068	1.10	0.7077
17 rs4430796	18 rs9963362	65465072	0.47	0.0006135	1.09	0.7633
17 rs4430796	19 rs2283608	15620474	1.48	0.0009036	1.05	0.7694
17 rs4430796	19 rs7252015	22712124	1.80	0.0001181	0.96	0.802
17 rs4430796	19 rs10420159	58597784	0.61	0.0005769	1.01	0.9384
17 rs4430796	20 rs2023565	1592304	0.65	0.0007352	1.03	0.8505
17 rs4430796	20 rs11700361	34285729	0.69	0.0008958	0.92	0.5702
17 rs4430796	20 rs6129715	39056697	0.63	0.0004029	1.29	0.09688
17 rs4430796	20 rs6018908	46143874	0.69	0.000517	1.00	0.9739
17 rs4430796	20 rs6019222	46536439	1.97	0.0004525	1.41	0.08924
17 rs4430796	20 rs13043216	48422562	0.51	0.0005587	0.77	0.2591
17 rs4430796	20 rs1757779	61588512	0.70	0.0008292	1.02	0.8977
17 rs4430796	21 rs1022442	21277717	0.73	0.0004432	1.04	0.7439
17 rs4430796	21 rs2051279	25585400	1.39	0.0001537	1.03	0.781
17 rs4430796	21 rs2838625	44921159	0.69	0.0002696	0.98	0.8303
17 rs4430796	22 rs9625378	26691026	0.64	0.0002797	1.12	0.3765
17 rs4430796	22 rs7285440	26936851	0.51	0.00001806	1.08	0.6852
17 rs4430796	22 rs3744749	44774727	0.63	0.0005523	1.07	0.7113
19 rs2735839	1 rs1380469	4971590	0.65	0.0004432	1.30	0.3418
19 rs2735839	1 rs1533622	18468152	1.66	0.0004742	0.91	0.75
19 rs2735839	1 rs268955	30062883	1.77	0.0009879	1.23	0.5953
19 rs2735839	1 rs10888977	56709914	0.63	0.0005257	1.37	0.2777
19 rs2735839	1 rs1380665	69440427	0.56	0.0003336	0.56	0.06183
19 rs2735839	1 rs9660358	77003656	1.73	0.0006558	1.17	0.6366
19 rs2735839	1 rs589540	110431131	0.47	0.0004616	0.56	0.138
19 rs2735839	1 rs2222371	120901160	0.64	0.0005169	1.29	0.3279
19 rs2735839	1 rs6681392	151609785	1.81	0.0007981	1.18	0.6716
19 rs2735839	1 rs7536258	177552451	0.66	0.0005028	0.93	0.743
19 rs2735839	1 rs1502350	213721565	2.03	0.000228	1.00	0.9906
19 rs2735839	1 rs9431648	227583520	0.59	0.0002773	1.67	0.09811
19 rs2735839	1 rs6693656	237020917	0.44	0.0002931	0.78	0.5434
19 rs2735839	2 rs2030266	3846484	1.80	0.0004501	0.80	0.5226
19 rs2735839	2 rs6761842	12384848	1.59	0.0009515	1.27	0.4201
19 rs2735839	2 rs12692499	13471714	1.93	0.0005761	0.80	0.5275
19 rs2735839	2 rs7604694	13631661	1.82	0.0004646	0.83	0.5488
19 rs2735839	2 rs1531427	18047343	2.94	0.0004152	0.88	0.8648
19 rs2735839	2 rs4670549	36525805	0.64	0.0003	1.16	0.5613
19 rs2735839	2 rs6749107	46642141	1.62	0.0004854	0.78	0.4069
19 rs2735839	2 rs6751203	47395907	1.53	0.0008922	0.90	0.6696
19 rs2735839	2 rs6731773	166996621	0.61	0.0001569	1.23	0.391
19 rs2735839	2 rs2232316	169583069	0.48	0.0006131	1.06	0.8853
19 rs2735839	2 rs6738892	170886236	0.63	0.0001027	0.89	0.6659

19 rs2735839	2 rs801342	195465976	1.94	0.0006001	1.98	0.1361
19 rs2735839	2 rs4430944	220888568	1.54	0.0008965	1.38	0.2449
19 rs2735839	3 rs11923960	4584648	0.66	0.0009797	0.82	0.416
19 rs2735839	3 rs17034136	11223230	0.58	0.000283	0.90	0.7115
19 rs2735839	3 rs9859793	23189847	0.63	0.0009201	1.50	0.1592
19 rs2735839	3 rs17401815	23252842	0.39	0.000248	2.45	0.1232
19 rs2735839	3 rs6803915	28512136	1.57	0.0009634	1.19	0.5194
19 rs2735839	3 rs6549938	29420467	1.59	0.0005878	1.15	0.6231
19 rs2735839	3 rs9878212	30114270	1.57	0.0004949	1.94	0.02155
19 rs2735839	3 rs17509071	98215390	1.85	0.00005964	1.96	0.06949
19 rs2735839	3 rs10933967	110094388	1.54	0.0004877	0.83	0.4594
19 rs2735839	3 rs7633076	111949808	1.53	0.0005449	0.67	0.1106
19 rs2735839	3 rs9859487	116631720	0.66	0.0005386	0.71	0.1696
19 rs2735839	3 rs3914745	122282356	1.61	0.0007731	0.75	0.3199
19 rs2735839	3 rs12636559	151365340	0.51	0.0004014	0.74	0.4769
19 rs2735839	3 rs9836282	168225293	1.70	0.00002971	1.17	0.5373
19 rs2735839	3 rs12486010	168425329	1.61	0.0001463	0.94	0.7943
19 rs2735839	3 rs9874115	168528090	0.64	0.0003419	0.82	0.4492
19 rs2735839	3 rs9810131	173591257	2.23	0.0005791	0.92	0.8457
19 rs2735839	4 rs12647145	1328448	1.59	0.0001715	0.76	0.2694
19 rs2735839	4 rs2385	28631276	2.80	0.0009588	0.62	0.4265
19 rs2735839	4 rs2714555	37660385	1.75	0.0005163	1.03	0.9164
19 rs2735839	4 rs950162	45998823	1.53	0.0004686	1.63	0.05072
19 rs2735839	4 rs1021925	62011533	1.57	0.000936	0.70	0.1603
19 rs2735839	4 rs13112339	96967848	0.55	0.0003775	0.93	0.8407
19 rs2735839	4 rs1574637	164599697	1.94	0.0005912	3.31	0.05177
19 rs2735839	4 rs7687661	181786527	2.03	0.0002505	0.64	0.1984
19 rs2735839	4 rs13141373	182729245	2.10	0.00007011	0.59	0.1442
19 rs2735839	5 rs13155467	7844311	1.54	0.0004795	0.69	0.1704
19 rs2735839	5 rs10513104	11948592	1.74	0.0001185	1.84	0.04631
19 rs2735839	5 rs7716554	31236693	0.61	0.000959	0.64	0.1205
19 rs2735839	5 rs10805635	38816535	2.43	0.0007396	1.64	0.3337
19 rs2735839	5 rs16893676	61016943	0.41	0.00009053	0.81	0.6303
19 rs2735839	5 rs1525765	75241690	0.66	0.0006888	1.35	0.2374
19 rs2735839	5 rs4704453	77217527	2.13	0.00004036	1.03	0.9365
19 rs2735839	5 rs6872447	79542950	1.63	0.0004996	1.16	0.6012
19 rs2735839	5 rs10515648	150731571	1.80	0.0005057	0.65	0.1934
19 rs2735839	5 rs12189362	153037741	0.51	0.0009227	1.12	0.765
19 rs2735839	6 rs3873380	31370417	1.55	0.0009879	0.78	0.3606
19 rs2735839	6 rs9294744	67953940	0.61	0.00008227	1.18	0.5035
19 rs2735839	6 rs1577217	75321716	1.85	0.0009568	1.02	0.9661
19 rs2735839	6 rs1003106	80669465	4.12	0.0009078	4.21	0.1852
19 rs2735839	6 rs1538357	83826526	3.59	0.0006649	1.11	0.8616
19 rs2735839	6 rs4053608	90844320	0.63	0.000995	1.00	0.9881
19 rs2735839	6 rs12663131	91444831	1.76	0.0004567	1.44	0.232
19 rs2735839	6 rs658231	93960265	0.66	0.0009412	1.53	0.1007
19 rs2735839	6 rs9498663	102222977	0.62	0.0009665	0.80	0.4351
19 rs2735839	6 rs7766190	112011759	0.64	0.000628	1.16	0.6107
19 rs2735839	6 rs561060	151411941	1.58	0.0002187	1.61	0.1056
19 rs2735839	6 rs4869738	151984265	1.63	0.0008757	0.86	0.6057
19 rs2735839	7 rs10280353	2843412	0.61	0.0004072	0.83	0.5196
19 rs2735839	7 rs9648374	31127821	0.62	0.0003178	0.72	0.1965

19 rs2735839	7 rs2116669	32201694	2.56	0.0001731	1.18	0.7586
19 rs2735839	7 rs4724220	43365195	1.63	0.00009177	0.91	0.6814
19 rs2735839	7 rs3763468	93666197	1.98	0.0002885	1.25	0.6411
19 rs2735839	7 rs7807332	96299156	3.75	0.00005425	0.97	0.9659
19 rs2735839	7 rs1525515	109414615	1.85	0.0004367	0.79	0.4524
19 rs2735839	7 rs6977769	110014399	0.49	0.0007476	1.00	0.9946
19 rs2735839	7 rs6978349	114238408	0.66	0.0006248	1.18	0.5075
19 rs2735839	7 rs10253097	115738855	0.50	0.00005643	0.71	0.2782
19 rs2735839	7 rs6971450	121690344	0.65	0.0006315	0.56	0.02672
19 rs2735839	7 rs12706427	121882671	0.32	0.000548	0.26	0.0006149
19 rs2735839	7 rs834771	135305651	1.94	0.0004556	0.71	0.3636
19 rs2735839	7 rs7796493	135883478	1.59	0.0005562	1.05	0.8474
19 rs2735839	7 rs10954652	138801034	0.60	0.0001498	1.00	0.9972
19 rs2735839	7 rs2540342	158336137	0.46	0.0009619	1.02	0.9678
19 rs2735839	8 rs7814450	5648084	1.77	0.0001002	1.37	0.2368
19 rs2735839	8 rs10957153	61756123	2.93	0.0002031	0.61	0.308
19 rs2735839	8 rs2132866	104155133	3.63	0.0004837	0.68	0.5357
19 rs2735839	8 rs11986308	111522231	0.50	0.0008186	1.62	0.2927
19 rs2735839	8 rs7845888	121113969	2.17	0.0003891	1.25	0.6214
19 rs2735839	9 rs10810090	1409062	1.82	0.0004072	1.06	0.8801
19 rs2735839	9 rs9695318	7338292	1.52	0.0008567	0.77	0.3155
19 rs2735839	9 rs16929280	9384902	2.33	0.0003009	0.72	0.4689
19 rs2735839	9 rs7026798	16417378	1.56	0.0002252	1.11	0.6711
19 rs2735839	9 rs10973308	37351314	1.76	0.0004926	0.91	0.7685
19 rs2735839	9 rs1415644	101573321	0.57	0.0002817	0.85	0.6272
19 rs2735839	9 rs2807698	118817298	1.75	0.0003535	1.14	0.6792
19 rs2735839	9 rs2905076	132872506	1.61	0.0008489	0.96	0.8913
19 rs2735839	9 rs7031727	134606831	2.06	0.0006251	0.67	0.3898
19 rs2735839	10 rs17239253	2181907	0.44	0.0001831	0.86	0.7278
19 rs2735839	10 rs6602662	13587715	0.58	0.000107	0.78	0.3869
19 rs2735839	10 rs920724	54202803	0.59	0.0003574	1.53	0.2453
19 rs2735839	10 rs453818	54903987	1.76	0.0009268	0.63	0.1559
19 rs2735839	10 rs10740011	61560943	1.55	0.0004749	0.94	0.7859
19 rs2735839	10 rs5026468	68515238	2.83	0.0002076	1.11	0.8184
19 rs2735839	10 rs10509298	69606745	1.72	0.0006357	0.89	0.7211
19 rs2735839	10 rs1183901	90221698	0.66	0.0008334	1.11	0.6691
19 rs2735839	10 rs7894400	98855615	0.60	0.0005249	1.27	0.4017
19 rs2735839	10 rs11191686	105177736	1.53	0.0009059	1.28	0.3208
19 rs2735839	10 rs4918789	114811797	1.51	0.0007916	0.79	0.3154
19 rs2735839	11 rs11041272	7218131	1.81	0.0007101	0.69	0.2818
19 rs2735839	11 rs900144	13250844	1.49	0.0009141	0.75	0.2879
19 rs2735839	11 rs1986254	19950380	1.66	0.0005224	1.08	0.8108
19 rs2735839	11 rs3843611	35527929	1.73	0.0009556	2.08	0.05221
19 rs2735839	11 rs1374494	35550147	0.24	0.0007797	1.07	0.9194
19 rs2735839	11 rs640999	63626001	1.55	0.0007222	1.29	0.348
19 rs2735839	11 rs10891785	114348312	0.61	0.0002873	1.01	0.9759
19 rs2735839	11 rs2370756	121965365	2.23	3.35E-06	0.80	0.4593
19 rs2735839	11 rs12420400	126778552	2.21	0.0007651	0.48	0.1335
19 rs2735839	12 rs6489547	4442072	0.57	0.0002094	0.77	0.3532
19 rs2735839	12 rs2201174	39264447	0.57	0.00002108	1.10	0.7275
19 rs2735839	12 rs7316282	44747643	0.54	0.0006267	1.42	0.3673
19 rs2735839	12 rs4882462	82544577	1.52	0.0006427	0.97	0.9238

19 rs2735839	12 rs1401982	88492067	0.66	0.0007851	0.68	0.1363
19 rs2735839	13 rs9553916	26343373	0.53	0.0007456	0.92	0.8299
19 rs2735839	13 rs1329520	40536611	0.63	0.0005935	0.76	0.3283
19 rs2735839	13 rs9532718	40542722	1.57	0.0001725	1.15	0.5688
19 rs2735839	13 rs9318228	73399211	1.62	0.000629	0.85	0.5499
19 rs2735839	13 rs17677985	75682548	1.80	0.0008717	0.62	0.1404
19 rs2735839	13 rs584800	97836088	1.90	0.00006808	1.11	0.7452
19 rs2735839	13 rs7325465	105439540	1.48	0.0008887	1.10	0.6972
19 rs2735839	13 rs9587049	105440082	0.45	0.00023	0.97	0.9339
19 rs2735839	14 rs850274	56450969	0.66	0.0008356	1.01	0.9575
19 rs2735839	14 rs17103156	65511692	0.38	0.0009687	1.77	0.2652
19 rs2735839	14 rs1147453	65519844	0.52	0.0006535	1.21	0.6087
19 rs2735839	14 rs4899843	83422110	0.62	0.0004106	0.56	0.04025
19 rs2735839	14 rs2069607	95785760	1.70	0.0005133	0.94	0.8498
19 rs2735839	15 rs16965142	50799557	0.61	0.0006634	0.74	0.3106
19 rs2735839	15 rs935206	56245042	0.58	0.0001022	0.73	0.2365
19 rs2735839	15 rs12591175	73143126	0.43	0.0009654	0.40	0.05379
19 rs2735839	15 rs3898677	79383617	0.56	0.0001587	1.10	0.7757
19 rs2735839	15 rs4577037	79383715	0.42	0.0004689	1.18	0.7477
19 rs2735839	16 rs2041247	3972582	1.82	0.0008128	0.55	0.08597
19 rs2735839	16 rs9922123	82525901	1.59	0.0007418	1.19	0.515
19 rs2735839	17 rs213137	29850474	1.52	0.0006719	0.72	0.1747
19 rs2735839	17 rs2304943	53305299	0.52	0.0005485	1.39	0.3814
19 rs2735839	17 rs10512554	66390349	1.66	0.0004738	1.68	0.09689
19 rs2735839	17 rs11077705	69363564	1.55	0.0008852	1.20	0.4541
19 rs2735839	18 rs17562541	31615166	2.20	0.00008171	1.57	0.2761
19 rs2735839	18 rs1025208	34365598	1.93	0.00003153	0.60	0.07897
19 rs2735839	18 rs11875967	37199733	0.58	0.0006617	0.97	0.9194
19 rs2735839	18 rs8096868	50871167	0.63	0.0004225	1.51	0.1188
19 rs2735839	19 rs7508584	6515673	1.55	0.000917	1.25	0.406
19 rs2735839	19 rs12611218	47680683	0.43	0.0002309	3.13	0.124
19 rs2735839	20 rs12480944	14069131	0.57	0.000424	1.50	0.2766
19 rs2735839	20 rs2749459	24163058	0.65	0.0007907	0.59	0.04395
19 rs2735839	20 rs12480106	52050416	1.72	0.0009785	1.09	0.7832
19 rs2735839	21 rs371007	19219073	1.90	0.0001114	1.44	0.3735
19 rs2735839	21 rs2825875	20188026	1.55	0.0007419	1.11	0.7125
19 rs2735839	21 rs400603	26247159	0.34	0.0003225	0.59	0.2228
19 rs2735839	21 rs2251280	34839950	0.62	0.0005091	0.91	0.7382
19 rs2735839	21 rs8134785	34853779	1.51	0.0007259	1.09	0.736
19 rs2735839	22 rs361988	19134608	1.65	0.0002219	1.32	0.2528
19 rs2735839	22 rs16979472	23766923	1.78	0.0007916	0.61	0.1761
19 rs2735839	22 rs5999108	32526354	0.65	0.0008432	1.28	0.2959
19 rs8102476	1 rs12739426	7320722	0.70	0.0001735	0.90	0.3595
19 rs8102476	1 rs3752543	7364660	0.63	0.0001383	1.03	0.8434
19 rs8102476	1 rs11261021	18552239	1.35	0.000394	1.18	0.141
19 rs8102476	1 rs9426442	28722071	0.71	0.0003803	0.94	0.6243
19 rs8102476	1 rs6425766	31676765	1.33	0.0006514	0.93	0.5053
19 rs8102476	1 rs912537	34796167	0.74	0.0008432	0.87	0.235
19 rs8102476	1 rs2355365	44778194	1.46	0.00006079	1.17	0.189
19 rs8102476	1 rs2802884	55510712	1.64	0.00007866	0.86	0.3996
19 rs8102476	1 rs7512821	62486490	1.39	0.0001222	0.89	0.2916
19 rs8102476	1 rs2819150	63860969	1.63	0.0004296	1.03	0.8835

19 rs8102476	1 rs11165318	95315631	2.16	0.0001425	0.90	0.6944
19 rs8102476	1 rs1384159	99048038	1.71	0.0002312	0.84	0.4403
19 rs8102476	1 rs12063204	159788778	1.61	0.00007807	0.84	0.212
19 rs8102476	1 rs4916319	169998235	0.76	0.0009664	0.88	0.2506
19 rs8102476	1 rs742093	172249680	1.46	0.0009195	0.95	0.7414
19 rs8102476	1 rs4652247	174059953	0.68	0.0005772	0.97	0.7957
19 rs8102476	1 rs2808467	203662196	1.54	0.0001126	0.94	0.6775
19 rs8102476	1 rs320453	210005674	0.70	0.0003239	1.05	0.7018
19 rs8102476	1 rs10779271	213221384	1.36	0.0008722	1.30	0.02192
19 rs8102476	1 rs2066108	213265887	1.51	0.0003927	1.18	0.2555
19 rs8102476	1 rs17493593	218459288	1.60	0.0001462	0.93	0.7025
19 rs8102476	2 rs2080804	15225391	1.37	0.0007301	1.09	0.5109
19 rs8102476	2 rs12621225	53848828	0.74	0.0004727	0.98	0.8757
19 rs8102476	2 rs2160206	58959570	1.38	0.0006712	1.04	0.7555
19 rs8102476	2 rs7566349	66972647	0.69	0.0002142	0.94	0.6717
19 rs8102476	2 rs1559600	66972805	0.75	0.0007814	0.94	0.57
19 rs8102476	2 rs7599306	114123173	2.45	0.0004114	2.00	0.1267
19 rs8102476	2 rs11682435	115065734	1.66	0.000704	0.87	0.5196
19 rs8102476	2 rs1922179	122563369	1.52	0.0009413	0.81	0.3532
19 rs8102476	2 rs4536659	126266019	1.42	0.0003249	1.13	0.3761
19 rs8102476	2 rs10165332	126496311	1.65	0.0006929	0.81	0.3044
19 rs8102476	2 rs11899195	149220711	0.36	0.0003571	1.24	0.5368
19 rs8102476	2 rs16841331	157830927	1.53	0.0005835	0.82	0.2487
19 rs8102476	2 rs889920	161742594	1.36	0.0004574	0.89	0.3344
19 rs8102476	2 rs17223885	176716171	1.49	0.0003867	1.05	0.7722
19 rs8102476	2 rs6433796	180248569	1.37	0.0005772	0.87	0.2819
19 rs8102476	2 rs3732092	206251180	1.34	0.0007712	1.04	0.7422
19 rs8102476	2 rs10171250	226107278	1.99	0.0009766	1.32	0.4339
19 rs8102476	2 rs6436559	226178303	1.85	0.0004656	1.12	0.6469
19 rs8102476	2 rs4973125	229460922	0.72	0.0002016	0.95	0.6528
19 rs8102476	2 rs2873308	236348346	1.39	0.0009847	1.12	0.3698
19 rs8102476	2 rs12612406	240326168	1.33	0.0006908	0.97	0.8177
19 rs8102476	3 rs1516341	150348	1.60	0.0009745	1.31	0.1463
19 rs8102476	3 rs164961	8662561	1.52	0.0003974	1.02	0.9186
19 rs8102476	3 rs3935025	24730794	0.75	0.0008352	1.12	0.3213
19 rs8102476	3 rs9866804	35288078	1.95	0.0008827	1.04	0.9081
19 rs8102476	3 rs9311258	41030248	0.75	0.0009516	0.87	0.2066
19 rs8102476	3 rs11914780	54756671	0.69	0.0004716	1.00	0.9863
19 rs8102476	3 rs12637323	61843282	1.62	0.000936	0.97	0.8401
19 rs8102476	3 rs17653846	63677515	1.43	0.0002889	0.97	0.7854
19 rs8102476	3 rs7635168	63703611	1.38	0.000126	0.99	0.9111
19 rs8102476	3 rs9758661	67299650	1.37	0.0004994	1.07	0.5524
19 rs8102476	3 rs1391770	69661037	1.37	0.0002618	1.18	0.1619
19 rs8102476	3 rs9818139	69681031	1.38	0.0003299	0.90	0.3757
19 rs8102476	3 rs12638331	80354009	0.57	0.0006032	0.87	0.6074
19 rs8102476	3 rs13076851	80519726	0.72	0.0006452	0.97	0.8098
19 rs8102476	3 rs7631864	115278524	1.43	0.0001546	1.21	0.136
19 rs8102476	3 rs2365484	160397348	1.40	0.0004168	1.19	0.1706
19 rs8102476	3 rs2084507	160562244	1.39	0.0002427	0.93	0.5436
19 rs8102476	4 rs10014828	531182	1.55	0.0004909	0.85	0.3267
19 rs8102476	4 rs3733353	851269	1.57	0.0002249	1.17	0.4039
19 rs8102476	4 rs7676958	11143821	1.40	0.0002642	0.95	0.6682

19 rs8102476	4 rs4256222	16260715	1.52	0.00003855	0.90	0.3765
19 rs8102476	4 rs2687972	39276234	0.75	0.0005938	0.90	0.3337
19 rs8102476	4 rs1868599	67563519	1.47	0.0008165	1.17	0.2756
19 rs8102476	4 rs2365522	73141198	1.39	0.0004364	1.21	0.1287
19 rs8102476	4 rs2178603	85447928	0.67	0.0001539	0.96	0.7734
19 rs8102476	4 rs4693935	89496454	1.55	8.83E-06	1.09	0.4733
19 rs8102476	4 rs1394272	147990739	0.63	0.0006591	0.66	0.01629
19 rs8102476	4 rs4835351	148125167	0.46	0.0003957	0.87	0.6549
19 rs8102476	4 rs4692784	171313311	1.33	0.0007891	1.04	0.7157
19 rs8102476	4 rs12646523	171319428	1.41	0.0005557	1.38	0.01696
19 rs8102476	4 rs1447322	181531305	0.74	0.0003485	1.18	0.145
19 rs8102476	4 rs2037067	183948733	0.74	0.0008102	1.00	0.9657
19 rs8102476	5 rs1215664	3233770	1.36	0.0002735	1.17	0.1745
19 rs8102476	5 rs16903766	15037833	0.72	0.0008543	1.03	0.8185
19 rs8102476	5 rs17343615	25063375	0.64	0.0003554	1.12	0.5004
19 rs8102476	5 rs2731968	38492523	0.55	0.00005386	1.29	0.1333
19 rs8102476	5 rs254409	77116026	0.71	0.0001125	1.11	0.343
19 rs8102476	5 rs17370695	92932441	0.60	0.0009821	1.25	0.3554
19 rs8102476	5 rs1990901	103201508	0.69	0.0006809	1.13	0.422
19 rs8102476	5 rs6880949	116697549	2.20	0.0008832	1.00	0.9951
19 rs8102476	5 rs6880664	116697606	1.86	0.0001361	0.86	0.5028
19 rs8102476	5 rs174739	116912342	1.59	0.0002198	0.85	0.3782
19 rs8102476	5 rs1821251	145250532	0.67	0.00001724	0.86	0.179
19 rs8102476	5 rs2270820	157090950	1.35	0.0008795	1.21	0.1044
19 rs8102476	5 rs4513732	160316827	3.01	0.000294	0.75	0.4141
19 rs8102476	5 rs11743455	168674530	0.73	0.0008934	1.00	0.9878
19 rs8102476	5 rs9686557	172891636	1.34	0.0008175	0.81	0.054
19 rs8102476	6 rs2237202	16533925	0.62	0.0005121	1.01	0.9572
19 rs8102476	6 rs12529389	23554133	1.39	0.000804	0.82	0.1275
19 rs8102476	6 rs4340999	40796875	1.35	0.0005781	1.07	0.5299
19 rs8102476	6 rs16875836	47342076	0.61	0.0006731	0.80	0.2184
19 rs8102476	6 rs11752615	84437379	1.43	0.0003908	0.77	0.04701
19 rs8102476	6 rs2073267	100722373	0.69	0.0009242	1.11	0.4785
19 rs8102476	6 rs9481617	116696317	0.65	0.0004934	0.87	0.3311
19 rs8102476	6 rs10456958	125754880	0.71	0.0008548	1.14	0.2998
19 rs8102476	6 rs4897420	130760305	1.58	0.000793	0.77	0.1283
19 rs8102476	6 rs4895396	134446423	0.59	0.0003683	0.72	0.1571
19 rs8102476	6 rs12525909	164682183	0.74	0.0002916	1.02	0.841
19 rs8102476	7 rs7788517	23714975	0.67	0.0006035	1.05	0.7747
19 rs8102476	7 rs9986874	37802891	1.32	0.0007204	1.05	0.6785
19 rs8102476	7 rs1717758	37826842	1.48	0.0001691	1.15	0.3365
19 rs8102476	7 rs4301358	37872816	0.70	0.0005574	0.84	0.2011
19 rs8102476	7 rs6463181	43126646	1.35	0.0005852	1.08	0.531
19 rs8102476	7 rs2302474	76912853	1.68	0.0004791	0.98	0.929
19 rs8102476	7 rs1202283	86726943	0.65	3.64E-07	1.05	0.6453
19 rs8102476	7 rs6944873	88408936	0.72	0.0001211	0.94	0.5973
19 rs8102476	7 rs1858929	106922266	0.75	0.0007704	1.13	0.2992
19 rs8102476	7 rs12705605	108741880	1.36	0.0002842	1.18	0.132
19 rs8102476	7 rs2008619	111111891	0.63	0.0004524	0.74	0.09188
19 rs8102476	7 rs2190929	123705277	0.75	0.000888	1.17	0.1974
19 rs8102476	7 rs7777394	123768022	0.72	0.0001714	1.10	0.4181
19 rs8102476	7 rs12706879	128627624	2.55	0.0009238	0.90	0.6978

19 rs8102476	7 rs17168527	135071995	0.55	0.00009559	0.91	0.6417
19 rs8102476	7 rs10276363	141615496	0.62	0.00004358	0.98	0.9087
19 rs8102476	8 rs2955551	8160844	1.42	0.0006077	1.45	0.009425
19 rs8102476	8 rs2945873	8297855	0.75	0.0009303	0.95	0.6689
19 rs8102476	8 rs958374	9235071	0.75	0.0007451	1.15	0.2101
19 rs8102476	8 rs930991	9240511	0.69	0.0001926	1.17	0.2724
19 rs8102476	8 rs2466092	32584481	1.72	0.0003029	1.03	0.8666
19 rs8102476	8 rs7826723	64926499	0.64	0.0002528	1.02	0.9059
19 rs8102476	8 rs919037	65009964	0.76	0.0009303	0.85	0.1596
19 rs8102476	8 rs10504904	92471383	0.75	0.0008749	0.80	0.05555
19 rs8102476	8 rs11774463	99790483	1.40	0.0003872	0.98	0.8551
19 rs8102476	8 rs13264726	100932543	1.55	0.0008849	1.00	0.991
19 rs8102476	8 rs7841482	107061462	0.67	0.00005167	1.06	0.671
19 rs8102476	8 rs10505100	108347792	1.55	0.0008163	1.12	0.5311
19 rs8102476	8 rs11777978	108349088	1.40	0.0002104	0.84	0.1404
19 rs8102476	8 rs9649936	114439674	1.74	0.0001161	1.00	0.9836
19 rs8102476	8 rs3847137	128483680	0.71	0.0001249	1.01	0.9101
19 rs8102476	8 rs1001812	131567362	1.39	0.0001334	1.03	0.8112
19 rs8102476	8 rs11779306	133116253	0.73	0.0003223	0.95	0.6485
19 rs8102476	9 rs4977348	19887264	0.74	0.0004713	0.88	0.2298
19 rs8102476	9 rs7029715	23253535	0.72	0.0008702	1.18	0.1759
19 rs8102476	9 rs10738660	23297283	0.73	0.0004324	1.04	0.7073
19 rs8102476	9 rs10733392	23684188	0.68	0.0001109	1.11	0.4172
19 rs8102476	9 rs17058723	73148862	0.54	0.0004355	1.17	0.479
19 rs8102476	9 rs990001	77316279	0.63	0.0007594	0.96	0.787
19 rs8102476	9 rs1602690	102564930	1.42	0.00005645	1.00	0.9654
19 rs8102476	9 rs4979163	112687743	0.69	0.0004644	1.04	0.808
19 rs8102476	9 rs1888736	119255140	2.47	0.00002069	1.14	0.6676
19 rs8102476	9 rs943433	134610921	1.52	0.0009226	0.65	0.01369
19 rs8102476	10 rs12265381	12021837	1.53	0.0003388	1.10	0.5303
19 rs8102476	10 rs1410080	14727779	0.71	0.0001999	0.69	0.00184
19 rs8102476	10 rs1937696	53262509	1.70	0.0002509	1.07	0.6756
19 rs8102476	10 rs7896430	63560965	0.69	0.0005951	0.87	0.3205
19 rs8102476	10 rs12775863	65292283	1.43	0.0005442	1.00	0.9771
19 rs8102476	10 rs2252732	65374123	1.51	0.0005739	0.85	0.3187
19 rs8102476	10 rs7912474	66661300	0.73	0.0006605	1.13	0.3185
19 rs8102476	10 rs16935969	79890802	2.30	0.0003827	1.92	0.0671
19 rs8102476	10 rs6586188	91099323	0.72	0.000879	0.96	0.7205
19 rs8102476	10 rs11248249	125465440	2.46	0.0004677	0.88	0.6835
19 rs8102476	10 rs7085909	132439156	1.98	0.0003321	1.16	0.6442
19 rs8102476	11 rs12421906	4885032	0.61	0.0002723	0.91	0.6292
19 rs8102476	11 rs12577551	18766118	1.33	0.0008557	1.15	0.2257
19 rs8102476	11 rs1496222	43221085	1.36	0.0003121	0.89	0.3224
19 rs8102476	11 rs12575805	59535712	1.47	0.0003208	0.91	0.5075
19 rs8102476	11 rs7107068	60412531	1.35	0.0006514	0.80	0.05176
19 rs8102476	11 rs12291142	68490797	0.71	0.0005954	1.01	0.948
19 rs8102476	11 rs10501533	81992817	0.49	0.0006257	1.03	0.899
19 rs8102476	12 rs12371880	4195416	1.80	0.0002915	1.13	0.5414
19 rs8102476	12 rs11053533	10014124	0.53	0.0001816	0.92	0.6831
19 rs8102476	12 rs10842753	26588678	0.73	0.0008749	1.03	0.8121
19 rs8102476	12 rs11050234	29489113	0.52	0.0007275	0.87	0.5174
19 rs8102476	12 rs2012636	40642667	1.40	0.0004519	0.84	0.1672

19 rs8102476	12 rs17649306	43268623	1.45	0.0009247	0.89	0.4051
19 rs8102476	12 rs17805086	74105619	0.44	0.0008343	1.10	0.7448
19 rs8102476	12 rs10862083	79149623	1.43	0.0007635	0.99	0.9581
19 rs8102476	12 rs11107794	93819878	2.03	0.0005822	1.69	0.137
19 rs8102476	12 rs7306455	93858009	1.79	0.0002345	1.14	0.5546
19 rs8102476	12 rs1873053	94140046	1.74	0.0002042	1.06	0.7607
19 rs8102476	13 rs9552594	21568379	0.63	0.0007086	1.07	0.6784
19 rs8102476	13 rs17086467	27741839	2.20	0.00005422	1.30	0.2707
19 rs8102476	13 rs7329459	37149639	1.42	0.0009267	1.13	0.4129
19 rs8102476	13 rs9537938	57551696	1.42	0.0001505	1.01	0.9498
19 rs8102476	13 rs9542423	70063764	1.52	0.000723	0.94	0.7077
19 rs8102476	13 rs1163885	75983796	1.42	0.00002702	1.13	0.3052
19 rs8102476	13 rs1169357	85351739	0.66	0.0004779	1.22	0.2589
19 rs8102476	13 rs1536937	85375774	0.52	0.00005338	0.90	0.6596
19 rs8102476	14 rs4982483	21209867	0.66	0.000765	1.18	0.3513
19 rs8102476	14 rs8011092	21789520	1.38	0.0002455	1.03	0.7718
19 rs8102476	14 rs17096573	29901670	1.84	0.0009577	0.62	0.1662
19 rs8102476	14 rs2224284	47378860	1.35	0.0007359	1.09	0.4641
19 rs8102476	14 rs8006455	50469910	1.38	0.0005792	1.00	0.9999
19 rs8102476	14 rs8015216	58365449	0.71	0.00006546	0.95	0.6797
19 rs8102476	14 rs17824786	62855408	0.65	0.0003996	1.10	0.5324
19 rs8102476	14 rs241475	86299122	1.62	0.0007889	0.79	0.2576
19 rs8102476	14 rs17759977	96479993	0.62	0.0002988	1.08	0.6814
19 rs8102476	14 rs8012127	103012515	0.72	0.000287	0.83	0.1213
19 rs8102476	15 rs8023324	22410803	1.40	0.0004658	1.21	0.1453
19 rs8102476	15 rs13379809	27046714	1.84	0.00002696	0.93	0.7159
19 rs8102476	15 rs12441482	27092665	1.61	0.0004396	0.73	0.08386
19 rs8102476	15 rs1001522	50509426	1.34	0.0008447	0.98	0.8396
19 rs8102476	15 rs12901218	62057241	1.56	0.0002028	1.12	0.4998
19 rs8102476	15 rs11071918	64877357	1.33	0.0007938	0.93	0.5118
19 rs8102476	15 rs1871229	71801705	1.73	0.0008706	1.03	0.8697
19 rs8102476	15 rs4778596	78543324	1.56	0.0005312	1.20	0.3406
19 rs8102476	15 rs2654227	80165863	0.71	0.0008625	1.07	0.6567
19 rs8102476	15 rs745191	83924174	1.42	0.00019	1.08	0.5455
19 rs8102476	15 rs2001191	94679353	0.66	0.0000985	1.01	0.9362
19 rs8102476	15 rs11247123	98076503	0.73	0.0001742	1.05	0.6654
19 rs8102476	16 rs10492750	5867236	0.70	0.0009432	1.29	0.06539
19 rs8102476	16 rs767505	55770151	0.65	0.0008301	0.86	0.3943
19 rs8102476	16 rs284940	75620366	1.44	0.00003544	1.10	0.4317
19 rs8102476	17 rs9916804	3332521	0.65	0.00003617	1.12	0.3764
19 rs8102476	18 rs7234590	4979683	1.51	0.0002216	0.95	0.7533
19 rs8102476	18 rs484325	8713906	0.74	0.0009809	0.77	0.03083
19 rs8102476	18 rs11659534	13919189	0.72	0.0008463	0.93	0.5788
19 rs8102476	18 rs4552082	29920727	0.58	0.0002598	1.14	0.5267
19 rs8102476	18 rs17566463	32423505	1.68	0.0002395	0.90	0.5445
19 rs8102476	18 rs2849387	55124063	0.50	0.0008113	1.16	0.6074
19 rs8102476	18 rs12965832	70166630	0.72	0.0001578	1.04	0.7084
19 rs8102476	19 rs10419232	18265148	1.61	0.0004108	1.02	0.9098
19 rs8102476	19 rs2112507	39043615	1.68	0.0005086	0.97	0.872
19 rs8102476	19 rs833920	43194999	1.41	0.0002799	1.00	0.9953
19 rs8102476	20 rs1205843	30206657	1.66	0.0001392	0.98	0.9164
19 rs8102476	20 rs6071578	36874332	1.43	0.00005483	0.96	0.7178

19 rs8102476	20 rs6016749	40394624	1.43	0.0002373	0.96	0.7146
19 rs8102476	20 rs6126825	51433330	0.69	0.0009092	0.88	0.3825
19 rs8102476	20 rs6128156	55781996	1.51	0.0001043	0.87	0.3255
19 rs8102476	21 rs1156252	16737200	1.38	0.0004764	0.95	0.649
19 rs8102476	21 rs1701378	24078459	1.93	0.0007296	0.95	0.8683
19 rs8102476	21 rs12152086	24533962	0.42	0.0006758	1.00	0.9939
19 rs8102476	21 rs17812977	35427747	0.62	0.0000946	0.81	0.1872
19 rs8102476	21 rs7281056	35437658	0.56	0.000199	0.78	0.1761
19 rs8102476	21 rs2835493	37143203	0.74	0.0005352	1.07	0.555
19 rs8102476	22 rs5760233	22889202	2.04	0.000499	1.50	0.1258
19 rs8102476	22 rs6005492	26230543	0.43	0.0001768	1.04	0.8698
19 rs8102476	22 rs2008971	42035680	1.63	0.0001829	1.13	0.3853
19 rs887391	1 rs4328095	7618296	1.63	0.0008481	1.03	0.8525
19 rs887391	1 rs4661540	14947510	0.64	0.0003052	1.07	0.6628
19 rs887391	1 rs409226	30142053	1.45	0.0005273	1.18	0.2089
19 rs887391	1 rs7516834	43258578	2.81	0.0001669	0.90	0.7243
19 rs887391	1 rs1691283	43272118	2.17	0.00003511	0.77	0.19
19 rs887391	1 rs17482952	68351406	2.07	0.0001323	1.00	0.9948
19 rs887391	1 rs12043409	85390480	2.47	0.0003322	1.86	0.06402
19 rs887391	1 rs10922878	90756682	1.56	0.0006803	0.86	0.3395
19 rs887391	1 rs720947	95608247	0.63	0.0004394	1.21	0.2709
19 rs887391	1 rs1953423	102994452	1.59	0.0004676	1.10	0.5745
19 rs887391	1 rs4908273	103093150	1.70	0.0009113	1.07	0.757
19 rs887391	1 rs7553476	107177250	1.47	0.0008127	1.25	0.1181
19 rs887391	1 rs17722309	112051922	0.45	0.0005297	1.20	0.4702
19 rs887391	1 rs10798499	173829099	2.06	0.000526	0.59	0.077
19 rs887391	1 rs6683416	183645484	1.50	0.0008221	0.96	0.8166
19 rs887391	1 rs11578867	184578303	0.70	0.0008389	1.02	0.8658
19 rs887391	1 rs659503	196088276	1.44	0.0007344	0.82	0.1019
19 rs887391	1 rs16856148	202387382	1.76	0.0006369	0.84	0.4254
19 rs887391	1 rs1415277	236472566	1.42	0.0008912	1.06	0.6739
19 rs887391	2 rs4669724	11480967	0.62	0.0006998	0.96	0.807
19 rs887391	2 rs10208636	19200866	0.70	0.0007598	0.97	0.7875
19 rs887391	2 rs12478071	24635395	1.56	0.0006538	0.98	0.9166
19 rs887391	2 rs1997270	28748130	0.68	0.00024	1.33	0.02913
19 rs887391	2 rs4666111	28750446	0.48	0.00004242	1.50	0.06559
19 rs887391	2 rs9784016	34109111	0.66	0.0001661	1.18	0.1965
19 rs887391	2 rs17486979	34452879	1.83	0.0002715	0.86	0.4559
19 rs887391	2 rs17043590	52996260	1.72	0.0005243	1.23	0.3015
19 rs887391	2 rs13014682	57315650	0.66	0.0009697	0.99	0.9644
19 rs887391	2 rs6730863	63851068	0.64	0.0002864	1.09	0.5828
19 rs887391	2 rs11126772	80764612	0.70	0.0005361	1.16	0.2394
19 rs887391	2 rs13384147	109805604	0.58	0.0007467	1.01	0.9788
19 rs887391	2 rs2419976	123996379	0.56	0.0004631	1.56	0.08287
19 rs887391	2 rs7588521	135012488	0.64	0.0007188	0.91	0.5845
19 rs887391	2 rs3792202	160564707	1.59	0.000911	1.16	0.4228
19 rs887391	2 rs13414955	195867811	0.59	0.0003614	0.80	0.1818
19 rs887391	2 rs6749903	223479491	0.71	0.0006369	1.01	0.9142
19 rs887391	2 rs1598021	224807476	0.70	0.0003994	0.93	0.546
19 rs887391	2 rs4663313	239285626	0.65	0.0009493	1.14	0.3956
19 rs887391	3 rs3772321	1289236	0.56	0.000215	0.79	0.1586
19 rs887391	3 rs17042405	5403775	0.50	0.0007754	0.80	0.36

19 rs887391	3 rs6781429	5404527	0.64	0.00005323	0.94	0.6517
19 rs887391	3 rs1436824	21169645	0.67	0.0001018	0.98	0.9031
19 rs887391	3 rs9847186	25056861	1.42	0.0008468	1.00	0.9702
19 rs887391	3 rs9823025	25071545	1.48	0.0009726	1.01	0.9338
19 rs887391	3 rs1286729	25583580	1.81	0.0003357	0.81	0.2636
19 rs887391	3 rs4549235	35150807	1.51	0.0004029	0.90	0.4552
19 rs887391	3 rs7616625	69544986	1.43	0.0006306	1.03	0.8481
19 rs887391	3 rs7427775	70332233	0.51	0.0007612	1.00	0.9936
19 rs887391	3 rs2037477	71397819	1.88	0.000764	0.99	0.9813
19 rs887391	3 rs9871374	79785606	0.71	0.0008328	1.14	0.295
19 rs887391	3 rs2660745	87184437	0.62	0.0005609	1.17	0.3909
19 rs887391	3 rs796892	123868092	0.67	0.0006763	0.98	0.8691
19 rs887391	3 rs6772849	129789116	1.46	0.0004079	1.01	0.9707
19 rs887391	3 rs11920352	132439456	2.84	0.0007454	0.69	0.3099
19 rs887391	3 rs16860912	149989893	0.50	0.0009656	0.96	0.8628
19 rs887391	3 rs340282	160067760	1.48	0.0007268	1.20	0.2235
19 rs887391	4 rs12511418	2772065	0.70	0.000484	1.22	0.11
19 rs887391	4 rs6448619	28648302	1.50	0.0003008	1.07	0.6073
19 rs887391	4 rs919005	37592093	1.79	0.0008977	0.89	0.5387
19 rs887391	4 rs2290016	56597459	1.65	0.00001868	0.94	0.6551
19 rs887391	4 rs11658	56612017	1.73	0.0007361	0.72	0.1007
19 rs887391	4 rs10004349	57333926	1.58	0.000881	1.00	0.9795
19 rs887391	4 rs13116055	59781882	1.41	0.0006535	0.96	0.76
19 rs887391	4 rs1877116	65795074	0.61	0.0008854	0.76	0.182
19 rs887391	4 rs10517921	65921577	0.32	0.0007645	0.74	0.4416
19 rs887391	4 rs1376416	66087039	0.71	0.0007141	0.87	0.2661
19 rs887391	4 rs1868246	88206261	1.64	0.00007897	0.96	0.8296
19 rs887391	4 rs16996086	88828754	0.69	0.0007492	0.99	0.9213
19 rs887391	4 rs13327958	106823732	4.05	0.0001743	0.57	0.1856
19 rs887391	4 rs17039690	110319178	1.58	0.0009331	1.18	0.3194
19 rs887391	4 rs2635364	118857751	1.55	0.0002552	0.89	0.4112
19 rs887391	4 rs13103674	121759172	0.68	0.0008165	1.12	0.3879
19 rs887391	4 rs7679733	153274419	0.61	0.0003643	1.02	0.9184
19 rs887391	4 rs1378554	180677600	1.52	0.0003839	1.12	0.3889
19 rs887391	5 rs13166324	13289031	0.63	0.0006018	1.26	0.1792
19 rs887391	5 rs1948492	26390268	0.65	0.0004004	0.79	0.07702
19 rs887391	5 rs13185977	30839760	0.38	0.00009322	0.89	0.6764
19 rs887391	5 rs9687171	50839707	0.48	0.0000626	1.05	0.8279
19 rs887391	5 rs1400226	58131842	1.44	0.0003242	0.99	0.9199
19 rs887391	5 rs264779	64433937	0.65	0.00008707	0.97	0.7836
19 rs887391	5 rs4583845	65866380	1.51	0.0006034	1.02	0.8771
19 rs887391	5 rs4235463	65885035	1.49	0.0001756	1.01	0.9306
19 rs887391	5 rs16900407	82759932	0.58	0.0009482	0.87	0.5583
19 rs887391	5 rs341327	111855685	0.69	0.0007313	0.87	0.2823
19 rs887391	5 rs1457756	113661651	0.71	0.0009151	1.28	0.05183
19 rs887391	5 rs13181125	113708638	1.81	0.00005675	1.07	0.748
19 rs887391	5 rs187552	142239766	0.62	0.0008901	0.97	0.8693
19 rs887391	5 rs10055434	150646554	2.47	0.0005115	1.07	0.8649
19 rs887391	5 rs17061532	162702289	1.71	0.0009009	0.95	0.8094
19 rs887391	5 rs7701834	176086247	0.69	0.0003474	1.10	0.4731
19 rs887391	6 rs6919059	1729095	0.69	0.0009452	0.93	0.5461
19 rs887391	6 rs2326708	6102956	0.66	0.0008631	1.16	0.3365

19 rs887391	6 rs4959477	8263646	1.53	0.0001788	0.93	0.6543
19 rs887391	6 rs4715952	15090140	1.46	0.0002726	0.91	0.4402
19 rs887391	6 rs9466850	23697743	0.64	0.000222	0.89	0.4339
19 rs887391	6 rs9266336	31439114	1.61	0.0002025	1.14	0.3713
19 rs887391	6 rs2848713	31492458	2.14	0.0005463	1.12	0.6284
19 rs887391	6 rs17581906	38066863	1.86	0.000637	0.95	0.835
19 rs887391	6 rs9342944	73131044	0.64	0.0002593	1.17	0.2893
19 rs887391	6 rs4708285	77559105	1.54	0.0008509	0.95	0.732
19 rs887391	6 rs1415468	101575506	0.39	0.0008988	0.88	0.674
19 rs887391	6 rs9322114	148333734	0.66	0.0007981	1.24	0.1783
19 rs887391	6 rs1012883	153359053	1.49	0.0002123	1.00	0.9774
19 rs887391	7 rs273110	41249900	0.69	0.000802	0.99	0.9544
19 rs887391	7 rs1294945	44988328	0.65	0.0006695	0.97	0.8579
19 rs887391	7 rs10261929	46139205	1.93	0.00002839	0.94	0.7562
19 rs887391	7 rs7805310	50611213	2.41	0.0006758	0.98	0.9395
19 rs887391	7 rs2051893	50652124	1.64	0.0005163	0.93	0.6727
19 rs887391	7 rs890046	53398975	1.43	0.0007592	1.41	0.009255
19 rs887391	7 rs17624890	53458577	1.56	0.0001869	1.56	0.004847
19 rs887391	7 rs1990046	83392293	3.09	0.0002014	1.27	0.5187
19 rs887391	7 rs4729068	92323553	1.42	0.0009466	0.82	0.1254
19 rs887391	7 rs6947411	105213281	1.93	0.0008757	1.20	0.4825
19 rs887391	7 rs228582	143857525	0.71	0.0008059	1.12	0.3504
19 rs887391	8 rs6468384	36891516	1.45	0.000358	0.86	0.2198
19 rs887391	8 rs2625583	54043684	1.43	0.0007693	0.85	0.2095
19 rs887391	8 rs7011266	71509326	0.66	0.0004199	0.89	0.4287
19 rs887391	8 rs12678139	71556304	1.42	0.0005515	1.17	0.2161
19 rs887391	8 rs4437618	98422854	0.56	0.0006679	1.00	0.9804
19 rs887391	8 rs7007251	103123275	0.54	0.0008792	1.22	0.3404
19 rs887391	8 rs17662622	117316686	1.82	0.0007298	1.32	0.1914
19 rs887391	8 rs4871546	125872322	0.65	0.0001455	0.90	0.4573
19 rs887391	8 rs4871550	125885031	0.69	0.0003392	0.95	0.6992
19 rs887391	9 rs1412774	7702166	1.53	0.00002872	0.83	0.1478
19 rs887391	9 rs17546550	7719573	0.64	0.0002501	0.88	0.4413
19 rs887391	9 rs16906084	22420804	0.60	0.0006439	0.83	0.3006
19 rs887391	9 rs16906157	22458301	0.55	0.00005281	0.85	0.4099
19 rs887391	9 rs7042998	75680314	1.73	0.0009195	0.88	0.5462
19 rs887391	9 rs2418085	98443449	1.45	0.0008233	1.05	0.7124
19 rs887391	9 rs1828886	117677532	1.50	0.0001607	0.99	0.9457
19 rs887391	9 rs10818290	119074454	1.42	0.0006241	1.07	0.6028
19 rs887391	9 rs3780668	127752973	0.64	0.000379	0.88	0.3987
19 rs887391	9 rs7047604	135436594	1.47	0.0004013	0.95	0.6642
19 rs887391	10 rs1168573	27947861	1.80	0.0004903	0.98	0.919
19 rs887391	10 rs1106274	28809704	1.43	0.0005498	0.83	0.1452
19 rs887391	10 rs788272	42754160	1.76	0.000183	1.10	0.6402
19 rs887391	10 rs10740011	61560943	1.42	0.0007332	0.97	0.8104
19 rs887391	10 rs4747241	73706435	0.70	0.0008223	1.01	0.9283
19 rs887391	10 rs6585758	123508339	1.91	0.00008007	0.99	0.9752
19 rs887391	10 rs12765115	133349297	1.58	0.0002582	0.90	0.4346
19 rs887391	11 rs715792	5339696	0.70	0.0004771	0.77	0.04966
19 rs887391	11 rs2647545	5357973	1.55	0.0008907	0.86	0.3579
19 rs887391	11 rs4758009	7626929	1.49	0.0001949	1.08	0.5669
19 rs887391	11 rs10766504	18758916	1.49	0.0003882	1.06	0.6942

19 rs887391	11 rs1173923	35408552	0.71	0.0005819	1.13	0.3367
19 rs887391	11 rs12576830	42939051	0.41	0.0008198	0.95	0.8419
19 rs887391	11 rs2275999	62990286	0.43	0.0003981	1.12	0.6839
19 rs887391	11 rs17384174	80873188	1.49	0.0005764	0.87	0.3145
19 rs887391	11 rs11605331	90699836	1.44	0.000453	1.09	0.4646
19 rs887391	11 rs12797633	104024629	2.11	0.0008164	1.17	0.5946
19 rs887391	11 rs7938067	117429488	1.50	0.0001755	1.15	0.2988
19 rs887391	11 rs651896	117467049	2.22	0.0003783	0.88	0.638
19 rs887391	11 rs12421164	127532878	0.48	0.0001478	1.08	0.7241
19 rs887391	12 rs11062522	3112320	1.42	0.0007263	1.12	0.3956
19 rs887391	12 rs16925194	10929339	0.60	0.0007353	1.01	0.9384
19 rs887391	12 rs4963884	25457779	0.70	0.0006732	0.98	0.8487
19 rs887391	12 rs1098528	26989469	1.43	0.0008215	1.10	0.4734
19 rs887391	12 rs10844540	33349548	1.96	6.16E-06	1.35	0.09819
19 rs887391	12 rs9888427	33422705	1.60	0.0002133	1.52	0.004388
19 rs887391	12 rs10506201	40307531	1.58	0.0006804	0.91	0.5858
19 rs887391	12 rs17636351	57896294	0.58	0.0003285	1.09	0.626
19 rs887391	12 rs1549977	69054948	1.41	0.0008854	0.92	0.4951
19 rs887391	12 rs12317962	69078849	1.51	0.0005807	1.04	0.7934
19 rs887391	12 rs11110018	98630346	0.67	0.0003007	1.28	0.06412
19 rs887391	12 rs11111079	100801089	1.46	0.0008729	1.11	0.4566
19 rs887391	12 rs4441078	118035681	0.70	0.0008178	1.00	0.9729
19 rs887391	13 rs17475847	19806370	0.60	0.0006028	0.72	0.05196
19 rs887391	13 rs3129601	21460993	1.97	0.0009824	1.15	0.6278
19 rs887391	13 rs12100412	35339752	1.76	0.0007577	1.21	0.3377
19 rs887391	13 rs9603226	37041586	0.47	0.00003591	1.31	0.1823
19 rs887391	13 rs1413101	38366958	0.62	0.0007219	1.16	0.4236
19 rs887391	13 rs3012857	57624798	1.52	0.000825	1.02	0.9146
19 rs887391	13 rs9538094	57997784	1.43	0.0008066	0.99	0.9285
19 rs887391	13 rs17059106	60383124	0.52	0.0003411	1.29	0.2411
19 rs887391	13 rs9571664	66242810	1.52	0.0002693	1.06	0.6672
19 rs887391	13 rs12561294	68551327	0.64	0.0003433	1.08	0.6177
19 rs887391	13 rs7139757	72889243	1.48	0.0006834	1.03	0.8573
19 rs887391	13 rs851258	76404593	0.55	0.0005525	0.43	0.0001277
19 rs887391	13 rs1764970	85154268	1.45	0.0003335	1.11	0.4189
19 rs887391	13 rs2183346	85415680	1.44	0.0004336	1.03	0.8114
19 rs887391	13 rs4773797	93934421	1.44	0.0005147	1.05	0.6941
19 rs887391	13 rs7999382	96739498	0.68	0.0004263	0.78	0.07371
19 rs887391	13 rs7995716	105894624	0.69	0.0004832	0.86	0.2521
19 rs887391	14 rs2282046	21015255	0.70	0.000777	0.82	0.1169
19 rs887391	14 rs11850273	30997682	0.71	0.0005276	1.11	0.3961
19 rs887391	14 rs991786	37085850	0.57	0.0008602	0.96	0.8683
19 rs887391	14 rs1959515	44219296	1.47	0.0009701	0.90	0.4589
19 rs887391	14 rs2816704	48290560	0.61	0.0007392	0.98	0.9117
19 rs887391	14 rs1955906	98228637	0.45	0.0008696	1.39	0.2098
19 rs887391	14 rs17100132	100823714	0.59	0.0003067	1.22	0.262
19 rs887391	15 rs17574546	36689768	1.68	0.00008332	1.13	0.4363
19 rs887391	15 rs9972513	36718253	1.53	0.0002646	1.17	0.2705
19 rs887391	15 rs6494328	60705927	2.10	0.000145	0.55	0.06754
19 rs887391	15 rs8039796	63285178	0.66	0.0002291	1.17	0.2176
19 rs887391	15 rs12148373	63321342	0.69	0.0004305	1.10	0.4515
19 rs887391	15 rs665287	63372790	1.50	0.0002644	0.94	0.6631

19 rs887391	15 rs12914385	76685778	1.42	0.0007288	1.18	0.2158
19 rs887391	15 rs10520753	92749710	1.65	0.000349	1.03	0.8714
19 rs887391	16 rs4307960	78436954	1.69	0.0009998	1.16	0.4672
19 rs887391	16 rs1424151	80686853	2.92	0.0004721	0.90	0.7549
19 rs887391	16 rs1046200	85122172	0.63	0.0001496	1.32	0.0783
19 rs887391	16 rs1424018	85184943	0.67	0.000564	0.91	0.5248
19 rs887391	17 rs2625469	3135048	0.56	0.0005139	1.02	0.9408
19 rs887391	17 rs8077966	3161666	0.54	0.0006108	1.40	0.1188
19 rs887391	17 rs8076992	23667668	2.14	0.0008023	0.89	0.6909
19 rs887391	17 rs12937634	44799441	1.51	0.0001309	0.89	0.3163
19 rs887391	18 rs976168	8210827	0.70	0.0008244	0.86	0.2368
19 rs887391	18 rs329007	9512606	0.66	0.000678	1.04	0.7882
19 rs887391	18 rs1075892	42547212	1.50	0.0001962	0.96	0.7416
19 rs887391	18 rs1217583	53310272	0.53	0.00007377	1.11	0.5752
19 rs887391	18 rs10432254	55241841	0.59	0.000313	0.74	0.09691
19 rs887391	18 rs663212	61127336	1.41	0.0009855	1.34	0.03615
19 rs887391	18 rs1587962	61147462	0.68	0.0002152	0.74	0.01924
19 rs887391	18 rs7240367	70008255	2.18	0.00002847	0.92	0.7198
19 rs887391	19 rs6510416	39429265	0.69	0.0004622	1.01	0.9363
19 rs887391	19 rs2288871	46609708	1.44	0.0006444	1.09	0.5254
19 rs887391	20 rs2145222	3078175	0.65	0.00005481	0.93	0.6045
19 rs887391	20 rs749922	6016863	1.42	0.0004902	1.33	0.03261
19 rs887391	20 rs4616542	6954365	1.78	0.0008284	0.89	0.5167
19 rs887391	20 rs10485520	15182769	0.45	0.0006583	0.89	0.6456
19 rs887391	20 rs6048699	23233903	1.50	0.0004908	1.09	0.5489
19 rs887391	20 rs2144008	40125241	0.44	0.0007396	1.01	0.9829
19 rs887391	21 rs2250664	17358980	1.50	0.000794	1.14	0.4003
19 rs887391	22 rs175145	15682795	1.76	0.0001645	0.95	0.7956
19 rs887391	22 rs7290234	24441517	2.65	0.0009765	0.83	0.5651
19 rs887391	22 rs136558	25583633	1.48	0.0004039	1.21	0.1674
19 rs887391	22 rs2072797	37458707	0.57	0.000877	1.04	0.8435
19 rs887391	22 rs9615215	46474257	0.44	0.000383	1.05	0.8462
22 rs5759167	1 rs9729157	19363907	0.73	0.0005959	1.08	0.7994
22 rs5759167	1 rs6698110	52116162	1.35	0.0008091	1.05	0.8703
22 rs5759167	1 rs6696068	53452818	1.35	0.0007929	1.08	0.7739
22 rs5759167	1 rs12143461	56482239	1.38	0.0007409	1.23	0.4822
22 rs5759167	1 rs2994555	56495446	1.43	0.0002839	1.10	0.7859
22 rs5759167	1 rs4915802	62391223	1.50	0.0008754	1.06	0.8852
22 rs5759167	1 rs274581	74601414	1.89	0.0002735	1.12	0.8145
22 rs5759167	1 rs11185382	104396434	3.06	0.00003485	1.46	0.555
22 rs5759167	1 rs1157148	105163715	0.52	0.0004005	1.02	0.9752
22 rs5759167	1 rs2034524	105319385	0.66	0.0003184	1.54	0.2127
22 rs5759167	1 rs12096233	175214539	1.60	0.0005361	2.19	0.1283
22 rs5759167	1 rs10798778	177268611	0.75	0.0006864	1.31	0.3143
22 rs5759167	1 rs16860525	179904772	1.61	0.0002828	0.92	0.8603
22 rs5759167	1 rs12410898	204610679	3.07	0.0009166	0.34	0.3629
22 rs5759167	1 rs7417670	243173894	1.44	0.0005715	1.09	0.8164
22 rs5759167	2 rs17762102	23997257	0.64	0.0005717	0.64	0.2939
22 rs5759167	2 rs4953387	46624189	1.40	0.0001078	1.13	0.6711
22 rs5759167	2 rs12991253	57651877	0.37	0.0009214	0.73	0.6973
22 rs5759167	2 rs10184411	70516523	1.37	0.0006458	1.34	0.3108
22 rs5759167	2 rs357740	71290344	0.71	0.0003347	0.92	0.773

22 rs5759167	2 rs718466	80485384	1.52	0.0001165	0.80	0.5428
22 rs5759167	2 rs12473184	124560594	0.73	0.000522	0.89	0.6743
22 rs5759167	2 rs11883823	152819618	0.58	0.000934	0.64	0.4203
22 rs5759167	2 rs3114949	187530372	0.73	0.0003363	0.81	0.4264
22 rs5759167	2 rs296797	200928411	0.74	0.0008445	1.18	0.5682
22 rs5759167	2 rs698911	206041334	1.63	0.0002568	1.35	0.5051
22 rs5759167	2 rs10497947	212261022	1.45	0.0002691	0.97	0.9325
22 rs5759167	2 rs7556879	212290834	1.74	0.00003121	1.67	0.2774
22 rs5759167	3 rs313685	4238957	1.59	0.0005821	1.00	1
22 rs5759167	3 rs17036143	12269727	0.62	0.000306	0.67	0.3982
22 rs5759167	3 rs13326925	13840045	0.66	0.0005739	1.90	0.1419
22 rs5759167	3 rs17014491	24319779	1.66	0.00003308	1.52	0.4305
22 rs5759167	3 rs9819978	24632679	1.48	0.0007194	1.65	0.2365
22 rs5759167	3 rs322668	25318619	0.72	0.0005347	0.87	0.684
22 rs5759167	3 rs6797014	53783238	0.72	0.0003384	1.01	0.9679
22 rs5759167	3 rs7647520	71405912	1.39	0.0009844	0.55	0.08115
22 rs5759167	3 rs9851232	105660162	0.38	0.0006316	2.15	0.499
22 rs5759167	3 rs2669904	115851385	0.66	0.0005893	1.82	0.1538
22 rs5759167	3 rs10934986	133208235	0.66	0.0001451	0.96	0.9044
22 rs5759167	3 rs1429757	139091038	0.70	0.0008607	0.95	0.9061
22 rs5759167	3 rs1426955	142235236	0.57	0.0008951	0.81	0.7366
22 rs5759167	3 rs6782465	144584011	1.55	0.0005164	1.22	0.5629
22 rs5759167	3 rs11707857	144591701	1.36	0.0009801	0.88	0.657
22 rs5759167	3 rs7618036	187607032	0.64	0.0001511	0.81	0.5323
22 rs5759167	4 rs1530339	4412217	0.66	0.0005879	1.36	0.438
22 rs5759167	4 rs11945849	5968415	0.66	0.0006212	0.58	0.1208
22 rs5759167	4 rs1520310	12358426	0.71	0.0001652	0.82	0.5177
22 rs5759167	4 rs1520296	12373701	0.73	0.0002839	0.70	0.2121
22 rs5759167	4 rs10026487	38733296	1.37	0.0009202	1.24	0.4797
22 rs5759167	4 rs4576082	70064263	1.40	0.0002489	0.97	0.9241
22 rs5759167	4 rs17427571	82612087	1.37	0.0008696	1.72	0.09476
22 rs5759167	4 rs481915	116361853	1.57	0.0009746	0.57	0.2372
22 rs5759167	4 rs10008941	138881703	1.51	0.00002082	1.06	0.8463
22 rs5759167	4 rs11932033	147345105	0.73	0.0003887	1.10	0.7218
22 rs5759167	4 rs10857228	149337305	1.39	0.0005765	1.06	0.8741
22 rs5759167	4 rs13141425	149353823	1.40	0.0002411	1.00	0.9932
22 rs5759167	4 rs11726393	187723633	0.72	0.0008878	2.01	0.03534
22 rs5759167	5 rs1811225	10971321	1.40	0.000967	1.07	0.819
22 rs5759167	5 rs963416	22634616	1.39	0.0003198	1.38	0.2718
22 rs5759167	5 rs10461824	26207166	1.34	0.0008068	0.73	0.2851
22 rs5759167	5 rs4540134	51244867	0.64	0.0001233	1.33	0.4161
22 rs5759167	5 rs11741572	51404742	0.74	0.0008412	1.51	0.1547
22 rs5759167	5 rs3734010	96544548	1.37	0.0005112	0.97	0.9181
22 rs5759167	5 rs7721823	103178198	0.75	0.0009118	1.15	0.6198
22 rs5759167	5 rs1650786	110684744	0.73	0.0004043	1.13	0.6802
22 rs5759167	5 rs442919	118911114	0.72	0.0003168	1.12	0.6925
22 rs5759167	5 rs330202	119044528	0.62	0.0003214	1.55	0.3015
22 rs5759167	5 rs10059571	133438091	1.37	0.0003384	1.37	0.2707
22 rs5759167	5 rs245820	142382403	0.68	0.0004222	1.21	0.5076
22 rs5759167	5 rs4705433	145897930	0.63	0.0004898	1.07	0.8603
22 rs5759167	5 rs451197	145985029	0.57	0.0001929	0.26	0.09283
22 rs5759167	5 rs1394607	155707131	0.68	0.00003226	1.26	0.3903

22 rs5759167	5 rs10074759	157888905	1.34	0.0007806	1.46	0.1662
22 rs5759167	6 rs169293	21133400	0.63	0.0004326	0.38	0.05232
22 rs5759167	6 rs1544935	39232426	1.44	0.0005081	0.95	0.8789
22 rs5759167	6 rs4142621	92253190	0.72	0.0003333	0.90	0.7127
22 rs5759167	6 rs10498974	92298012	1.36	0.0005666	0.94	0.8219
22 rs5759167	6 rs6912263	140058715	1.35	0.0008339	1.87	0.06438
22 rs5759167	6 rs6907956	161500715	0.52	0.0009972	0.62	0.5532
22 rs5759167	6 rs12527027	162443626	1.47	0.0006677	1.17	0.6876
22 rs5759167	6 rs9348176	167097748	0.61	0.0003486	2.81	0.1601
22 rs5759167	7 rs10262589	4431366	0.67	0.0007987	1.32	0.4057
22 rs5759167	7 rs17135115	4593822	0.49	0.0004301	2.08	0.367
22 rs5759167	7 rs2390412	20800320	0.75	0.000957	1.02	0.9417
22 rs5759167	7 rs7803079	33988853	0.58	0.0007405	3.64	0.04204
22 rs5759167	7 rs2723996	37117609	1.39	0.0001404	1.46	0.2131
22 rs5759167	7 rs12702040	43200791	1.39	0.0003352	0.96	0.8863
22 rs5759167	7 rs10260007	87113233	0.52	0.0008475	0.46	0.2377
22 rs5759167	7 rs2896159	114796485	0.73	0.000548	0.71	0.2856
22 rs5759167	7 rs193688	116027478	0.74	0.0007784	0.62	0.09122
22 rs5759167	7 rs41796	116104190	2.01	0.0005908	1.64	0.4708
22 rs5759167	8 rs351584	16096972	1.53	0.0004044	1.26	0.68
22 rs5759167	8 rs12676548	16115389	1.84	0.0009717	0.74	0.7283
22 rs5759167	8 rs1548353	17211136	1.38	0.0003532	1.02	0.9488
22 rs5759167	8 rs6586843	19477489	0.64	0.0001041	0.43	0.05813
22 rs5759167	8 rs4871993	21735360	0.60	0.0002951	0.88	0.7859
22 rs5759167	8 rs2979831	25049622	0.73	0.0004303	0.75	0.3352
22 rs5759167	8 rs2008398	60147219	0.61	0.0008941	0.29	0.01497
22 rs5759167	8 rs1283649	108433819	1.47	0.0005614	1.32	0.4171
22 rs5759167	8 rs2469522	133231183	0.69	0.0006116	1.79	0.1783
22 rs5759167	8 rs12676273	143055893	1.66	0.0007883	1.31	0.5827
22 rs5759167	9 rs9299013	5362724	0.73	0.0007386	0.90	0.7084
22 rs5759167	9 rs2498596	10201759	1.85	5.72E-06	0.57	0.2555
22 rs5759167	9 rs7045753	10658198	0.65	0.0005213	1.12	0.8113
22 rs5759167	9 rs4977914	24087459	1.48	0.0004722	1.76	0.1217
22 rs5759167	9 rs10966571	24914449	1.41	0.0002538	0.86	0.603
22 rs5759167	9 rs1125516	24989327	1.43	0.00008298	0.68	0.2202
22 rs5759167	9 rs1413172	31228626	0.73	0.0004203	1.24	0.4286
22 rs5759167	9 rs4744917	69431214	0.68	0.00009003	1.26	0.4566
22 rs5759167	9 rs2564362	123365200	0.60	0.0007208	0.55	0.1654
22 rs5759167	10 rs7075295	2393764	0.75	0.000807	1.05	0.8735
22 rs5759167	10 rs7068881	16878872	1.52	0.000117	1.05	0.8918
22 rs5759167	10 rs4747375	19829342	1.48	0.0005428	1.97	0.137
22 rs5759167	10 rs12261508	22902722	1.81	0.00004195	1.68	0.2599
22 rs5759167	10 rs7075433	22907978	1.53	0.0004358	1.96	0.09407
22 rs5759167	10 rs12244144	44436500	1.55	0.0003984	1.62	0.3076
22 rs5759167	10 rs1227051	73171562	0.62	0.00001455	1.32	0.3989
22 rs5759167	10 rs12778515	94871278	0.74	0.0003942	1.80	0.05925
22 rs5759167	10 rs6584974	111918774	0.63	0.0001663	1.10	0.7821
22 rs5759167	10 rs359107	132117222	1.49	0.0005331	0.60	0.1919
22 rs5759167	11 rs2741748	6765935	0.73	0.0007091	1.34	0.3056
22 rs5759167	11 rs6486364	17342833	0.49	0.0002954	0.79	0.7213
22 rs5759167	11 rs10834976	26402767	1.56	0.0008286	0.70	0.3912
22 rs5759167	11 rs10734375	26422546	2.28	0.0007759	0.16	0.1055

22 rs5759167	11 rs601305	31023043	0.59	0.0008406	0.64	0.454
22 rs5759167	11 rs7950734	61544376	1.40	0.000782	0.82	0.5702
22 rs5759167	11 rs11228584	68766043	1.59	0.0004735	1.10	0.8115
22 rs5759167	11 rs11228593	68779604	2.00	0.0008145	1.19	0.8073
22 rs5759167	11 rs10793017	69678107	1.37	0.0007736	1.14	0.6581
22 rs5759167	11 rs10793091	73947740	1.35	0.0008172	0.81	0.4541
22 rs5759167	11 rs1388474	91207131	0.70	0.0006032	1.16	0.6578
22 rs5759167	11 rs7124495	91255060	0.68	0.00002588	1.05	0.8701
22 rs5759167	11 rs11224827	100915112	1.74	0.0001485	0.68	0.452
22 rs5759167	11 rs7928903	120004254	0.71	0.000884	1.32	0.3696
22 rs5759167	11 rs12282735	123818112	0.71	0.00006579	1.51	0.154
22 rs5759167	12 rs12425125	14304390	1.91	0.0006126	2.68	0.1976
22 rs5759167	12 rs2970791	22198342	1.59	0.0006495	1.10	0.83
22 rs5759167	12 rs1463679	26361436	1.41	0.0007343	1.12	0.7249
22 rs5759167	12 rs17536631	32543516	1.82	0.000995	0.43	0.1719
22 rs5759167	12 rs3809147	47584326	0.74	0.0009102	1.16	0.6349
22 rs5759167	12 rs10784194	59949666	1.78	0.00003504	2.25	0.114
22 rs5759167	12 rs11176125	64967716	1.40	0.0001621	1.82	0.05885
22 rs5759167	12 rs17045106	77154882	0.59	0.0009615	3.19	0.09735
22 rs5759167	12 rs12580239	82719955	0.69	0.0003647	1.30	0.5086
22 rs5759167	12 rs7486418	82839379	1.36	0.0004286	0.60	0.07821
22 rs5759167	12 rs10779109	83480291	0.70	0.0008611	1.41	0.3627
22 rs5759167	12 rs7975425	94684333	1.37	0.0005326	1.23	0.4874
22 rs5759167	12 rs12230895	105474869	0.74	0.0005293	0.90	0.7104
22 rs5759167	12 rs957628	106482220	1.44	0.0006245	1.46	0.2643
22 rs5759167	12 rs16943516	112863893	2.00	0.0002319	0.61	0.392
22 rs5759167	12 rs2727724	118139956	0.74	0.0005562	0.79	0.4308
22 rs5759167	13 rs688447	21203769	0.70	0.0002281	1.18	0.5505
22 rs5759167	13 rs17591685	26558912	0.49	0.0006717	1.84	0.3479
22 rs5759167	13 rs4287440	35842274	1.34	0.0009961	0.68	0.2306
22 rs5759167	13 rs9539217	61029958	1.36	0.0004914	0.95	0.8424
22 rs5759167	13 rs7982361	99368436	0.65	0.0008678	0.71	0.4436
22 rs5759167	13 rs17731911	107502127	0.69	0.0004235	0.80	0.507
22 rs5759167	13 rs16971748	107503980	0.39	0.0001827	0.43	0.3352
22 rs5759167	13 rs9559243	107533809	0.39	0.0002285	0.36	0.2603
22 rs5759167	14 rs11626511	39709862	1.40	0.0001182	0.64	0.1131
22 rs5759167	14 rs2934683	50128261	0.64	0.000112	0.37	0.02859
22 rs5759167	14 rs17124696	51410353	2.14	0.0003109	5.06	0.03123
22 rs5759167	14 rs4899777	80268984	0.55	0.0007641	1.15	0.7963
22 rs5759167	14 rs10143542	90654022	1.61	0.0002679	0.90	0.8336
22 rs5759167	14 rs12587429	93690316	1.95	0.0003234	1.29	0.785
22 rs5759167	14 rs2236241	94029902	0.68	0.0006603	1.41	0.3448
22 rs5759167	15 rs7169179	53475066	0.72	0.0001882	1.02	0.9313
22 rs5759167	15 rs4774941	55520686	2.32	0.00001982	4.94	0.05559
22 rs5759167	15 rs4128766	79330524	0.67	0.0001371	1.16	0.6594
22 rs5759167	15 rs3848180	79383645	0.75	0.0009175	0.64	0.1302
22 rs5759167	15 rs8026185	93318290	1.43	0.0008156	0.96	0.9207
22 rs5759167	15 rs12593543	93497206	1.79	0.0007659	0.97	0.9628
22 rs5759167	16 rs6497393	19552274	0.42	0.0004383	1.15	0.7856
22 rs5759167	16 rs1073112	26399968	1.35	0.0004847	2.13	0.01539
22 rs5759167	16 rs17822522	60016102	1.43	0.0007948	0.89	0.7029
22 rs5759167	16 rs8045081	76296491	1.54	0.0006212	1.37	0.4774

22 rs5759167	16 rs7184152	77740719	0.72	0.0007584	1.15	0.6635
22 rs5759167	16 rs11150140	77757915	0.74	0.0003308	1.44	0.1918
22 rs5759167	16 rs1687681	84946695	0.59	0.0009512	0.37	0.2163
22 rs5759167	17 rs1860862	43559835	0.72	0.0001578	0.77	0.3241
22 rs5759167	17 rs12600773	47690971	0.72	0.0005923	1.22	0.547
22 rs5759167	17 rs9895901	50339884	0.66	0.00002058	0.86	0.6292
22 rs5759167	18 rs7343039	54689614	0.69	0.0006014	1.29	0.5656
22 rs5759167	18 rs4891464	68224361	1.51	0.0003336	0.66	0.2812
22 rs5759167	19 rs2398597	14672377	0.73	0.0006443	1.11	0.7215
22 rs5759167	19 rs17708190	15543910	1.44	0.0005088	0.65	0.2371
22 rs5759167	19 rs4646522	15587360	1.43	0.00004899	0.78	0.3899
22 rs5759167	19 rs4555271	41302030	1.39	0.000535	0.82	0.4823
22 rs5759167	19 rs10426913	58472009	1.92	0.000172	0.83	0.7588
22 rs5759167	20 rs214814	2245790	1.68	0.0002185	1.96	0.0976
22 rs5759167	20 rs6084588	3988923	0.72	0.0006171	1.12	0.7192
22 rs5759167	20 rs4316997	5245859	1.41	0.0007562	1.05	0.8857
22 rs5759167	20 rs17261295	10807918	0.60	0.0007573	0.65	0.4156
22 rs5759167	20 rs1986199	16919415	1.54	0.0009753	1.59	0.4062
22 rs5759167	20 rs2869372	46475816	1.91	0.0003525	1.14	0.8021
22 rs5759167	20 rs10485614	48566687	1.91	0.0005467	3.39	0.09562
22 rs5759167	20 rs6122972	48808649	0.66	0.0001778	1.39	0.2951
22 rs5759167	20 rs6096889	50391244	0.68	0.0001667	1.28	0.4456
22 rs5759167	21 rs2248642	30644634	0.67	0.000458	0.75	0.42
22 rs5759167	21 rs8134572	39318097	0.63	6.85E-06	0.65	0.1845
22 rs5759167	21 rs2836860	39345834	0.73	0.0003201	0.84	0.5249
22 rs5759167	21 rs443684	39368104	0.69	0.0009607	0.75	0.39
22 rs5759167	22 rs362250	16956219	1.51	0.0008506	0.62	0.2815
22 rs5759167	22 rs1060376	17571056	2.21	0.000158	0.82	0.7433
22 rs5759167	22 rs756632	21794472	0.65	0.0005458	1.33	0.4594
22 rs5759167	22 rs7290681	48794692	0.71	0.0001622	0.72	0.3005
22 rs9623117	1 rs7533451	4616304	0.67	0.0006492	0.81	0.1926
22 rs9623117	1 rs4655145	23149977	1.68	0.0007573	0.62	0.02847
22 rs9623117	1 rs344929	67845095	2.29	0.0001234	0.89	0.6637
22 rs9623117	1 rs2226284	70047703	0.69	0.0005112	0.90	0.4384
22 rs9623117	1 rs7545076	92299204	1.44	0.0008597	0.86	0.2878
22 rs9623117	1 rs6668299	107337657	1.48	0.0003185	1.01	0.9498
22 rs9623117	1 rs17020762	108300626	2.71	0.0002459	1.04	0.9085
22 rs9623117	1 rs6673366	119705526	0.26	0.0003679	1.02	0.969
22 rs9623117	1 rs17727339	154493187	1.61	0.0003395	0.92	0.6851
22 rs9623117	1 rs2852723	155886798	0.53	0.0001619	1.10	0.6886
22 rs9623117	1 rs10800033	161230127	0.69	0.0009635	0.85	0.2823
22 rs9623117	1 rs1340519	161235024	1.61	0.0001623	1.26	0.1642
22 rs9623117	1 rs7515197	165287774	0.69	0.0005058	0.79	0.123
22 rs9623117	1 rs3024493	203332363	0.53	0.00003027	0.98	0.9219
22 rs9623117	1 rs291109	203460546	0.71	0.0007859	1.37	0.03165
22 rs9623117	1 rs6660850	208195179	0.70	0.0008452	1.16	0.2879
22 rs9623117	1 rs4655421	210048326	1.47	0.0009474	0.93	0.6836
22 rs9623117	1 rs17010220	218081418	0.37	0.0008278	1.09	0.8717
22 rs9623117	2 rs17040731	2999339	1.73	0.0004714	1.40	0.1031
22 rs9623117	2 rs11691910	8736930	1.44	0.0007018	0.93	0.5963
22 rs9623117	2 rs7608161	9701207	0.62	0.0001494	0.99	0.9367
22 rs9623117	2 rs1881417	29423131	0.61	0.0009968	1.25	0.3304

22 rs9623117	2 rs17784025	29443818	0.45	0.00005187	0.95	0.8554
22 rs9623117	2 rs10180864	44304046	1.53	0.0005622	1.58	0.012
22 rs9623117	2 rs2078232	50207944	0.55	0.0005116	0.91	0.7384
22 rs9623117	2 rs10496171	69926832	1.54	0.0008597	0.87	0.4264
22 rs9623117	2 rs2708932	113406906	1.51	0.0001319	0.82	0.1908
22 rs9623117	2 rs6749937	123624955	1.88	0.0005536	1.36	0.2174
22 rs9623117	2 rs12479021	137329547	0.56	0.0002415	1.32	0.2435
22 rs9623117	2 rs6734198	141793037	0.49	7.70E-06	1.24	0.3943
22 rs9623117	2 rs16845771	141910645	0.49	0.0004199	0.79	0.4014
22 rs9623117	2 rs7421643	189786537	1.84	0.0002203	0.76	0.1972
22 rs9623117	2 rs1079943	206289971	1.47	0.000376	1.05	0.7489
22 rs9623117	2 rs7579746	212842478	0.41	0.0009177	2.04	0.2232
22 rs9623117	2 rs2373077	218210346	0.54	0.0003209	1.17	0.4905
22 rs9623117	2 rs1517445	221385669	0.69	0.0004216	1.09	0.556
22 rs9623117	2 rs7590444	232546576	0.63	0.0004168	0.81	0.2209
22 rs9623117	3 rs2290611	3091438	1.57	0.0003612	0.95	0.7863
22 rs9623117	3 rs11917349	4068212	1.81	0.0003812	0.90	0.6535
22 rs9623117	3 rs9833520	6902370	1.73	0.0006455	1.27	0.3326
22 rs9623117	3 rs9872244	6910844	1.56	0.0004229	1.30	0.1787
22 rs9623117	3 rs1457586	21588589	0.57	0.0006232	1.55	0.0869
22 rs9623117	3 rs1478067	21590246	0.66	0.0001211	1.27	0.1203
22 rs9623117	3 rs4680895	28070476	1.51	0.0003394	1.14	0.3647
22 rs9623117	3 rs12494156	29826102	0.46	0.0006002	0.90	0.7483
22 rs9623117	3 rs9834970	36831034	0.70	0.0007192	0.95	0.6988
22 rs9623117	3 rs339731	42742363	0.62	0.0000687	0.83	0.2899
22 rs9623117	3 rs12492075	43043573	1.68	0.0002462	1.29	0.2078
22 rs9623117	3 rs12491817	62628355	0.62	0.0001068	1.22	0.2651
22 rs9623117	3 rs264695	65880960	0.62	0.000362	1.18	0.3665
22 rs9623117	3 rs4676891	72786769	0.53	0.0002107	0.96	0.8598
22 rs9623117	3 rs13322103	90211493	1.83	0.0009362	0.99	0.9865
22 rs9623117	3 rs12695961	95564436	0.65	0.0003827	1.17	0.3258
22 rs9623117	3 rs3925081	113038831	1.46	0.0009545	1.18	0.3005
22 rs9623117	3 rs16858936	113163289	1.55	0.0003833	1.12	0.4929
22 rs9623117	3 rs6788215	113164732	1.85	0.00007966	1.46	0.08386
22 rs9623117	3 rs6807110	120338347	0.45	0.000909	0.67	0.1715
22 rs9623117	3 rs10511386	120513579	0.66	0.0001341	1.24	0.1166
22 rs9623117	3 rs16830097	120836583	0.58	0.00067	1.18	0.4477
22 rs9623117	3 rs12497453	122959308	1.53	0.0003465	1.08	0.5978
22 rs9623117	3 rs2625989	130827853	1.77	0.00009118	0.99	0.9426
22 rs9623117	3 rs9850348	131144414	1.77	0.00009584	1.15	0.4131
22 rs9623117	3 rs1242076	144849161	0.68	0.0002791	1.05	0.7317
22 rs9623117	3 rs7647084	165818517	2.67	0.0007736	1.40	0.2442
22 rs9623117	3 rs11924032	172217801	0.68	0.0009485	0.95	0.7642
22 rs9623117	3 rs11185525	197568474	0.51	0.00001134	1.07	0.7233
22 rs9623117	4 rs13109344	5019784	0.64	0.0002962	0.86	0.4027
22 rs9623117	4 rs4689249	5655844	1.52	0.0005253	1.08	0.6331
22 rs9623117	4 rs16883382	11203389	0.43	0.0001854	0.78	0.4294
22 rs9623117	4 rs13146788	11531841	0.64	0.00003495	0.74	0.05202
22 rs9623117	4 rs593770	19877358	1.51	0.0002943	1.03	0.8429
22 rs9623117	4 rs9884148	34668773	1.56	0.0009037	1.04	0.8206
22 rs9623117	4 rs1533064	39938933	1.52	0.0005965	0.90	0.522
22 rs9623117	4 rs7696597	126143933	1.52	0.0002781	1.09	0.6027

22 rs9623117	4 rs379674	167506044	1.77	0.0002749	1.21	0.4709
22 rs9623117	4 rs12645492	173323614	0.65	0.00007212	1.12	0.4327
22 rs9623117	4 rs6847236	182636648	1.73	0.0005814	1.12	0.6412
22 rs9623117	5 rs253634	9144164	1.46	0.0004118	1.14	0.3967
22 rs9623117	5 rs4702052	14823753	0.49	0.0004375	0.79	0.251
22 rs9623117	5 rs818118	32659168	1.56	0.0006728	0.90	0.5389
22 rs9623117	5 rs37439	34986907	0.61	0.0009973	1.26	0.2527
22 rs9623117	5 rs2972408	42499366	0.68	0.0003095	0.93	0.5779
22 rs9623117	5 rs2133729	71690939	0.64	0.0001588	1.20	0.3051
22 rs9623117	5 rs17748322	75911385	1.90	0.00001015	0.76	0.1391
22 rs9623117	5 rs1469441	110573038	0.55	0.0007126	0.75	0.2604
22 rs9623117	5 rs17135457	112581373	0.44	1.78E-06	0.94	0.7555
22 rs9623117	5 rs17135465	112594919	0.38	0.00003195	0.91	0.7729
22 rs9623117	5 rs6594721	112857204	0.63	0.0003498	0.85	0.3371
22 rs9623117	5 rs3857437	112869529	0.67	0.0001095	0.79	0.09733
22 rs9623117	5 rs1035861	116198216	1.49	0.0004976	0.98	0.9029
22 rs9623117	5 rs1428059	116858627	1.45	0.0009578	0.96	0.8068
22 rs9623117	5 rs7701571	124694144	1.72	0.00002528	1.18	0.3297
22 rs9623117	5 rs152225	142971358	1.48	0.0003113	1.20	0.2083
22 rs9623117	5 rs10072860	175195299	1.43	0.0007362	1.31	0.06316
22 rs9623117	5 rs4562009	180425780	1.82	0.0008985	0.92	0.7092
22 rs9623117	6 rs17619873	15430887	0.54	0.0004921	0.92	0.7254
22 rs9623117	6 rs1610677	29897150	1.52	0.0001168	1.13	0.4127
22 rs9623117	6 rs1611709	29936865	1.49	0.0002509	1.05	0.7508
22 rs9623117	6 rs1362104	30209635	1.46	0.0005105	0.81	0.1488
22 rs9623117	6 rs2273006	34959112	0.62	0.0008134	0.82	0.3001
22 rs9623117	6 rs10948068	43318088	1.44	0.0009244	1.06	0.6798
22 rs9623117	6 rs2263336	48767532	0.63	0.0001202	0.96	0.8095
22 rs9623117	6 rs6907997	48828143	2.01	0.0007097	0.99	0.9718
22 rs9623117	6 rs10484407	53086362	0.37	0.0001081	1.51	0.3054
22 rs9623117	6 rs9353392	87134894	1.46	0.0008012	0.87	0.3473
22 rs9623117	6 rs6942067	117892389	0.65	0.0001169	0.96	0.8176
22 rs9623117	6 rs10782186	117930201	0.64	0.0000286	0.96	0.771
22 rs9623117	6 rs1041915	130055946	2.07	0.0003426	1.12	0.6596
22 rs9623117	6 rs9376075	135338656	1.41	0.0009473	1.05	0.7596
22 rs9623117	6 rs1547247	135432529	1.48	0.0005607	1.18	0.2652
22 rs9623117	6 rs9390281	145508240	0.57	0.000719	1.03	0.9198
22 rs9623117	7 rs6975825	7615787	0.52	0.0001938	0.78	0.2394
22 rs9623117	7 rs7812102	7679900	0.54	0.0003756	0.61	0.1128
22 rs9623117	7 rs11769947	41420999	1.50	0.00079	0.69	0.02473
22 rs9623117	7 rs2214875	41566283	1.79	0.00006551	0.76	0.08962
22 rs9623117	7 rs9642543	53984636	1.49	0.0005382	0.95	0.7594
22 rs9623117	7 rs1878314	79668268	0.57	0.0007445	1.10	0.6711
22 rs9623117	7 rs17160199	85089640	0.51	0.0004707	1.57	0.1544
22 rs9623117	7 rs7778127	88564044	1.50	0.0007227	0.78	0.1295
22 rs9623117	7 rs472660	99104758	0.60	0.0007674	1.33	0.2303
22 rs9623117	7 rs1269621	107443859	0.71	0.0009363	0.99	0.9253
22 rs9623117	7 rs37893	122027839	1.46	0.0007045	0.90	0.4934
22 rs9623117	7 rs8180693	125312890	0.52	0.0003642	1.76	0.034
22 rs9623117	8 rs6995190	5516257	2.21	0.0005764	0.68	0.2086
22 rs9623117	8 rs11204080	19790076	0.69	0.00091	1.12	0.4543
22 rs9623117	8 rs4739205	21402000	0.62	0.00005882	1.10	0.5497

22 rs9623117	8 rs9298605	40841986	1.94	0.0002772	0.82	0.3772
22 rs9623117	8 rs7842092	51516912	3.02	0.0003255	0.95	0.9163
22 rs9623117	8 rs12679938	59661239	0.68	0.0006319	0.91	0.561
22 rs9623117	8 rs11781225	98440520	1.82	0.0003941	1.07	0.7462
22 rs9623117	8 rs6470355	126529717	0.60	0.0001459	0.87	0.4394
22 rs9623117	8 rs6470692	130125259	1.69	0.0007547	1.10	0.664
22 rs9623117	9 rs1947447	2649280	0.65	0.0005198	0.84	0.3118
22 rs9623117	9 rs10974731	4678412	1.98	0.0005757	0.73	0.2004
22 rs9623117	9 rs10738232	11393465	0.66	0.0003187	0.88	0.414
22 rs9623117	9 rs7041676	21675188	1.42	0.000875	0.98	0.9107
22 rs9623117	9 rs16905599	22059144	2.06	0.000698	0.83	0.443
22 rs9623117	9 rs11141981	87671574	0.71	0.0009797	1.03	0.8573
22 rs9623117	9 rs17053965	88060886	2.83	0.0002972	0.99	0.9903
22 rs9623117	9 rs715118	104816913	2.41	0.0002515	0.80	0.5263
22 rs9623117	9 rs9299166	108719237	0.63	0.0008741	1.03	0.8946
22 rs9623117	9 rs1537527	116933962	0.56	0.0006192	0.89	0.6078
22 rs9623117	10 rs7898844	3802857	0.63	0.0002951	0.92	0.6155
22 rs9623117	10 rs11255712	8551633	0.68	0.0002417	0.90	0.4694
22 rs9623117	10 rs723211	12802309	1.49	0.0002379	1.00	0.994
22 rs9623117	10 rs10508807	34882843	0.48	0.0001584	1.25	0.4415
22 rs9623117	10 rs7096116	60283095	1.97	0.0008114	0.85	0.5597
22 rs9623117	10 rs7074180	79774647	0.69	0.0007681	0.99	0.9588
22 rs9623117	10 rs4128245	113148504	1.43	0.0007194	0.91	0.482
22 rs9623117	10 rs4917611	113231064	0.69	0.00042	1.00	0.9767
22 rs9623117	10 rs677489	113635376	0.57	0.0009036	1.70	0.04189
22 rs9623117	10 rs988977	118046933	1.50	0.0003301	0.98	0.8963
22 rs9623117	10 rs1891842	119629284	0.67	0.0005437	0.72	0.03403
22 rs9623117	11 rs7480442	5147687	1.58	0.0002431	0.98	0.9066
22 rs9623117	11 rs16906495	20568274	0.56	0.0008895	1.24	0.3748
22 rs9623117	11 rs10833367	20598084	0.68	0.0003711	1.08	0.5885
22 rs9623117	11 rs4454712	20601656	1.48	0.0002887	0.88	0.4158
22 rs9623117	11 rs1516773	20987280	1.72	0.0003552	1.67	0.01778
22 rs9623117	11 rs4922560	21545018	0.67	0.000422	0.67	0.009634
22 rs9623117	11 rs972428	23426136	1.63	0.0008033	1.14	0.4752
22 rs9623117	11 rs4923433	27187126	0.61	0.0009334	0.81	0.3143
22 rs9623117	11 rs652852	84437917	0.69	0.0008022	1.10	0.5248
22 rs9623117	11 rs1528494	106939045	1.65	0.0005289	1.04	0.8541
22 rs9623117	11 rs10891937	115632014	0.68	0.0004118	1.07	0.6531
22 rs9623117	11 rs2276438	130477033	1.61	0.0006513	0.87	0.4891
22 rs9623117	12 rs11062567	3188374	4.36	0.0005264	0.90	0.7591
22 rs9623117	12 rs476222	5040574	0.58	0.0007858	0.80	0.2785
22 rs9623117	12 rs4963820	24956784	0.69	0.000608	1.22	0.186
22 rs9623117	12 rs7134721	26023107	0.42	0.0008679	1.01	0.9846
22 rs9623117	12 rs11051594	31834607	0.48	0.0002121	0.96	0.8732
22 rs9623117	12 rs7486293	37882928	0.47	0.00007462	0.92	0.7267
22 rs9623117	12 rs17122378	51719245	0.45	0.0005514	0.67	0.1993
22 rs9623117	12 rs11831510	72688959	2.66	0.0008428	0.65	0.3222
22 rs9623117	12 rs7959854	116653788	0.69	0.0009652	1.18	0.282
22 rs9623117	13 rs2034078	20295257	0.71	0.0009156	1.02	0.9049
22 rs9623117	13 rs10507381	27766293	2.29	0.0005145	1.55	0.1323
22 rs9623117	13 rs11619562	36854913	1.44	0.0007946	1.09	0.5855
22 rs9623117	13 rs1337201	43415689	1.63	0.0003304	0.78	0.1143

22 rs9623117	13 rs9535827	51470089	0.42	0.0004691	1.72	0.1049
22 rs9623117	13 rs9536244	52175647	0.43	0.0002675	1.46	0.2171
22 rs9623117	13 rs348005	79705046	1.65	0.0001052	1.09	0.5911
22 rs9623117	13 rs947314	80184818	0.65	0.0001379	1.08	0.6313
22 rs9623117	14 rs962215	25707678	1.45	0.0004948	0.69	0.009484
22 rs9623117	14 rs1957485	43428640	0.63	0.0001256	1.16	0.3513
22 rs9623117	14 rs8008342	71629644	2.32	0.00001483	1.08	0.7841
22 rs9623117	14 rs149685	71693248	2.29	0.00005618	1.10	0.7152
22 rs9623117	14 rs4020115	77534462	1.47	0.0009749	1.03	0.8691
22 rs9623117	14 rs17109256	79009746	1.57	0.000688	0.84	0.2865
22 rs9623117	14 rs17117941	82632921	2.39	0.0007635	0.88	0.6779
22 rs9623117	14 rs964516	84752732	1.46	0.0005407	1.38	0.03283
22 rs9623117	15 rs275177	37236295	1.66	0.0008765	0.90	0.5632
22 rs9623117	15 rs3784265	41115955	1.88	0.0003044	1.09	0.6856
22 rs9623117	15 rs1865475	53193787	0.55	0.0006003	1.21	0.4798
22 rs9623117	15 rs10152434	61332405	0.64	0.000331	1.45	0.02655
22 rs9623117	15 rs429735	63621231	0.44	0.0005851	0.93	0.8618
22 rs9623117	15 rs8024477	78390620	0.24	0.0003888	2.76	0.1714
22 rs9623117	16 rs11866524	7345783	1.83	0.0006884	1.22	0.4355
22 rs9623117	16 rs2031005	65662650	0.36	0.0002009	0.73	0.4032
22 rs9623117	16 rs2169805	78699715	1.50	0.0009117	0.99	0.9427
22 rs9623117	16 rs11076653	88601502	0.42	0.0002681	1.25	0.4645
22 rs9623117	17 rs8076681	6188192	0.68	0.0007122	0.98	0.9013
22 rs9623117	17 rs2158262	29483956	1.42	0.0008634	0.93	0.6247
22 rs9623117	17 rs16970282	30056211	0.66	0.0003126	1.01	0.9721
22 rs9623117	17 rs1431330	51449316	0.68	0.0006155	1.34	0.04927
22 rs9623117	17 rs8072452	53319833	1.80	0.0005999	1.04	0.8451
22 rs9623117	17 rs8067965	64629023	2.90	0.0001811	0.78	0.4187
22 rs9623117	17 rs689241	72614626	2.70	0.0005312	1.16	0.6416
22 rs9623117	18 rs16951794	7438641	0.60	0.0002707	1.17	0.4251
22 rs9623117	18 rs4486974	13931504	0.59	0.0008894	1.55	0.07661
22 rs9623117	18 rs3971170	14375836	2.08	0.00007249	1.10	0.7509
22 rs9623117	18 rs16978475	41571003	0.42	0.00006632	0.78	0.3513
22 rs9623117	19 rs16987743	62291473	0.62	0.0004701	0.97	0.8306
22 rs9623117	20 rs16989217	4021305	0.65	0.0008584	0.77	0.154
22 rs9623117	20 rs16990309	4784440	1.75	0.0008765	1.47	0.1018
22 rs9623117	20 rs6079983	15768364	0.65	0.0007747	0.98	0.9157
22 rs9623117	20 rs4811239	35926324	1.60	0.0005229	1.33	0.09167
22 rs9623117	20 rs237461	47466578	0.68	0.000938	0.80	0.1592
22 rs9623117	20 rs6067774	49479983	0.53	0.00001581	1.04	0.8361
22 rs9623117	20 rs354731	58384823	1.46	0.0003165	1.05	0.7334
22 rs9623117	20 rs6129092	59294011	1.44	0.0009823	0.89	0.418
22 rs9623117	21 rs6518089	21472520	0.25	0.0003448	2.01	0.1156
22 rs9623117	21 rs2242885	35308636	1.52	0.0006737	1.00	0.9961
22 rs9623117	22 rs134176	26948873	1.44	0.0006899	1.11	0.4689
22 rs9623117	22 rs9306458	27225527	0.70	0.0007971	0.92	0.5861
22 rs9623117	22 rs2051568	31349709	1.57	0.0007165	1.22	0.2479
22 rs9623117	22 rs16994116	33167946	0.29	0.0005482	1.05	0.9238
22 rs9623117	22 rs2064560	39854540	1.60	0.00008922	1.08	0.6174
23 rs5945619	1 rs932789	5264737	0.80	0.0006144	1.01	0.9169
23 rs5945619	1 rs2247525	17595786	0.78	0.0001241	1.00	0.9616
23 rs5945619	1 rs4422977	20358369	1.36	0.0002716	1.09	0.3323

23 rs5945619	1 rs12141569	21618308	0.79	0.0001765	1.03	0.7157
23 rs5945619	1 rs11206252	54109261	2.07	0.0002402	1.46	0.06758
23 rs5945619	1 rs6697508	63605415	1.26	0.0005377	1.06	0.456
23 rs5945619	1 rs10493598	77265745	0.64	0.0001797	1.00	0.9762
23 rs5945619	1 rs11161514	85217718	0.81	0.000854	1.13	0.1126
23 rs5945619	1 rs458190	91312326	0.74	0.0003961	1.04	0.7179
23 rs5945619	1 rs12097751	104923905	1.69	0.0005736	1.07	0.72
23 rs5945619	1 rs11806192	110567765	0.74	0.000934	0.95	0.6209
23 rs5945619	1 rs1146165	115440623	0.69	0.0008369	0.80	0.08666
23 rs5945619	1 rs6694531	147496585	0.81	0.000508	0.89	0.1359
23 rs5945619	1 rs10797005	154919829	1.27	0.0002448	1.00	0.9928
23 rs5945619	1 rs164149	159070239	1.24	0.000681	0.86	0.04825
23 rs5945619	1 rs9333449	162345910	0.66	0.0006536	1.19	0.211
23 rs5945619	1 rs9633334	165901514	0.70	0.0005644	0.92	0.4813
23 rs5945619	1 rs6685195	183663880	1.59	0.0008124	1.37	0.09623
23 rs5945619	1 rs945878	196275737	1.23	0.0007489	0.99	0.8942
23 rs5945619	1 rs11119499	206999711	0.78	0.0005767	0.92	0.3387
23 rs5945619	1 rs12138283	208366934	0.70	0.0008228	1.12	0.4428
23 rs5945619	1 rs4951651	209468996	0.77	0.0005503	0.93	0.3914
23 rs5945619	1 rs1284864	209482429	0.63	0.00001621	0.92	0.533
23 rs5945619	1 rs11120629	212351769	1.42	0.0004166	1.03	0.8074
23 rs5945619	2 rs2163027	5923664	0.78	0.00033	0.92	0.3186
23 rs5945619	2 rs10929889	5993792	0.81	0.0006376	0.95	0.5092
23 rs5945619	2 rs12994522	13918630	0.69	0.0009687	1.13	0.374
23 rs5945619	2 rs11892899	33756070	1.32	0.0003912	1.06	0.5305
23 rs5945619	2 rs4496320	34096986	0.80	0.0005936	0.90	0.1838
23 rs5945619	2 rs1477522	56665917	1.28	0.00008781	1.01	0.8671
23 rs5945619	2 rs12987393	64333165	0.80	0.0004585	1.05	0.5052
23 rs5945619	2 rs11895447	107028108	0.50	0.0002234	0.77	0.2806
23 rs5945619	2 rs1025735	119408069	0.76	0.0001427	1.08	0.4089
23 rs5945619	2 rs10169389	121599877	1.29	0.0008756	1.09	0.3352
23 rs5945619	2 rs2874459	134269421	0.78	0.0002675	1.01	0.8929
23 rs5945619	2 rs1283777	156334840	0.78	0.0001695	0.98	0.8486
23 rs5945619	2 rs4664773	156396815	1.27	0.0005298	1.13	0.1293
23 rs5945619	2 rs3769368	157236506	1.28	0.0004278	1.13	0.1424
23 rs5945619	2 rs4438449	180941304	1.25	0.0005379	1.00	0.9747
23 rs5945619	2 rs2048985	180952389	1.45	0.0004194	0.96	0.7204
23 rs5945619	2 rs10931888	200848458	1.31	0.0007299	1.10	0.3039
23 rs5945619	2 rs12104693	216713099	1.25	0.0005192	0.96	0.6256
23 rs5945619	2 rs6740548	225996186	1.31	0.0007322	0.93	0.4
23 rs5945619	3 rs17046231	6888374	0.62	0.00003673	0.91	0.5241
23 rs5945619	3 rs7626117	10115671	1.38	0.0001302	0.93	0.4359
23 rs5945619	3 rs12497942	14360905	1.47	0.000247	0.90	0.4868
23 rs5945619	3 rs9829867	20814214	0.79	0.0002615	1.08	0.3255
23 rs5945619	3 rs6550574	21237362	0.53	0.0009173	1.01	0.9474
23 rs5945619	3 rs12715160	29778715	1.25	0.0004286	0.94	0.4163
23 rs5945619	3 rs9311009	33335670	1.40	0.0007432	0.83	0.1229
23 rs5945619	3 rs17035151	36490300	0.70	0.0005281	1.15	0.2367
23 rs5945619	3 rs17061919	60005365	0.62	0.0005367	0.97	0.8764
23 rs5945619	3 rs9311910	64682309	1.24	0.000582	0.96	0.5627
23 rs5945619	3 rs4324463	64683668	1.33	0.0001152	0.93	0.3785
23 rs5945619	3 rs6780607	68986077	1.53	0.0006495	1.15	0.2812

23 rs5945619	3 rs4928188	100302676	1.83	0.000571	1.01	0.9774
23 rs5945619	3 rs9826798	112662011	1.28	0.0007553	1.16	0.1017
23 rs5945619	3 rs12639542	115426997	1.37	0.0007098	0.98	0.858
23 rs5945619	3 rs9858539	117230385	0.74	0.000636	1.15	0.227
23 rs5945619	3 rs2600963	134114187	0.61	0.00007183	1.00	0.9775
23 rs5945619	3 rs10512899	134580174	0.61	0.0007914	1.05	0.7803
23 rs5945619	3 rs7648363	162018846	0.78	0.0004687	0.93	0.3623
23 rs5945619	3 rs6797798	162129300	0.78	0.00009473	0.98	0.7907
23 rs5945619	3 rs12374202	167362713	1.35	0.0002398	1.09	0.4113
23 rs5945619	3 rs9856400	179611037	1.36	0.0003711	0.98	0.8401
23 rs5945619	4 rs2286286	5945151	1.35	0.0009361	1.07	0.4747
23 rs5945619	4 rs6824459	27774295	0.79	0.000388	1.08	0.3117
23 rs5945619	4 rs17080915	31991289	0.79	0.0005451	1.00	0.9997
23 rs5945619	4 rs4832745	37752878	1.25	0.0005388	1.05	0.5044
23 rs5945619	4 rs729475	52974211	1.28	0.0004883	0.99	0.8987
23 rs5945619	4 rs17002923	79355014	0.72	0.0005523	1.17	0.23
23 rs5945619	4 rs2868919	85877822	0.81	0.0007807	0.97	0.6472
23 rs5945619	4 rs10000538	102299661	0.79	0.0008089	0.91	0.2522
23 rs5945619	4 rs17444829	113731578	0.71	0.0002504	1.10	0.3936
23 rs5945619	4 rs13139045	120526191	0.79	0.0004216	0.94	0.466
23 rs5945619	4 rs13139118	120591243	1.29	0.00007837	0.93	0.3641
23 rs5945619	4 rs4240324	121138582	1.24	0.0007436	0.97	0.7123
23 rs5945619	4 rs12504009	125911460	0.65	0.0008842	0.99	0.9439
23 rs5945619	4 rs1439166	154999094	0.77	0.00006418	0.95	0.4831
23 rs5945619	4 rs1439167	155001855	1.28	0.0001481	1.06	0.4774
23 rs5945619	5 rs12189140	6904213	0.61	0.0004875	0.92	0.5929
23 rs5945619	5 rs6888514	7757583	0.80	0.0004909	0.95	0.5256
23 rs5945619	5 rs10074062	24219272	0.75	0.0007369	1.02	0.8378
23 rs5945619	5 rs651843	29521660	1.25	0.000974	1.10	0.264
23 rs5945619	5 rs961848	56076706	0.78	0.0009771	0.91	0.2653
23 rs5945619	5 rs853812	67774186	0.78	0.00007827	0.95	0.4682
23 rs5945619	5 rs10062770	79701391	1.26	0.000237	0.94	0.3632
23 rs5945619	5 rs11241417	116533026	1.39	0.0006564	0.83	0.09713
23 rs5945619	5 rs247210	128113997	1.26	0.0003012	0.92	0.288
23 rs5945619	5 rs4623203	154097590	0.80	0.0009927	1.07	0.3988
23 rs5945619	6 rs9328347	6219946	0.75	0.0009551	1.12	0.2376
23 rs5945619	6 rs1232381	13334771	1.41	0.0005657	0.92	0.4384
23 rs5945619	6 rs12195707	33744024	0.77	0.0008726	1.05	0.6508
23 rs5945619	6 rs9404721	58454444	1.55	0.0005887	0.86	0.2562
23 rs5945619	6 rs4707626	70853842	0.58	0.0006032	0.98	0.9109
23 rs5945619	6 rs4240588	101265671	0.59	0.0002969	1.14	0.4391
23 rs5945619	6 rs4361648	106448175	0.79	0.000545	0.94	0.4138
23 rs5945619	6 rs11755834	120243629	1.48	0.0003354	0.72	0.01019
23 rs5945619	6 rs1034447	164583868	0.72	0.0003187	0.87	0.2219
23 rs5945619	6 rs12196394	166022826	0.80	0.0006993	1.11	0.1815
23 rs5945619	7 rs11983568	31414894	0.78	0.0001075	1.18	0.0371
23 rs5945619	7 rs10280153	43221176	1.61	0.0005352	1.39	0.1143
23 rs5945619	7 rs10499657	46966949	0.73	0.0002164	1.07	0.5586
23 rs5945619	7 rs6963373	92676356	1.46	0.000687	0.91	0.4397
23 rs5945619	7 rs885502	100732747	0.53	0.000601	0.77	0.1992
23 rs5945619	7 rs12532970	106251911	1.57	0.0005532	1.07	0.6314
23 rs5945619	7 rs2960897	134954582	1.25	0.0005074	1.04	0.6397

23 rs5945619	7 rs6962266	147097899	1.74	0.0005375	1.24	0.1573
23 rs5945619	7 rs10277199	153360622	1.48	0.0007968	0.94	0.6272
23 rs5945619	8 rs7007853	3594683	1.83	0.0007875	1.14	0.5147
23 rs5945619	8 rs17076075	5969264	1.65	0.000071	0.68	0.006238
23 rs5945619	8 rs2970694	37049213	0.75	0.0004658	1.01	0.9066
23 rs5945619	8 rs2970708	37058548	0.70	0.0007487	0.85	0.2139
23 rs5945619	8 rs7016510	66490507	0.74	0.0008636	1.04	0.7644
23 rs5945619	8 rs7844675	71124068	1.25	0.0009225	1.06	0.4318
23 rs5945619	8 rs1405351	77398756	1.42	0.0008489	1.56	0.01815
23 rs5945619	8 rs1607536	78860706	0.79	0.0003025	0.94	0.4129
23 rs5945619	8 rs4370499	99566847	0.81	0.0009992	1.04	0.5908
23 rs5945619	8 rs1000672	103625089	0.72	0.0004232	0.80	0.05201
23 rs5945619	8 rs7839138	139836061	0.80	0.0007572	0.97	0.6687
23 rs5945619	9 rs4278202	1568049	1.27	0.0002545	0.95	0.4687
23 rs5945619	9 rs10815713	7901344	0.78	0.0003331	0.86	0.0712
23 rs5945619	9 rs1998371	7905771	0.77	0.00072	0.85	0.08708
23 rs5945619	9 rs11791609	12246453	1.24	0.000622	0.97	0.6641
23 rs5945619	9 rs2149103	14528445	0.65	0.0003156	1.57	0.002645
23 rs5945619	9 rs11792362	29456923	1.25	0.0008305	1.01	0.8704
23 rs5945619	9 rs265083	68355386	0.54	0.000743	0.70	0.08335
23 rs5945619	9 rs11144751	75943566	1.61	0.0003158	0.96	0.7579
23 rs5945619	9 rs13292657	105782630	1.52	0.0006789	1.07	0.7073
23 rs5945619	9 rs1110960	105927843	0.72	0.0005277	1.02	0.8843
23 rs5945619	9 rs1359085	121033710	1.24	0.0008845	1.03	0.6921
23 rs5945619	10 rs10903623	2036779	1.33	0.0001205	1.07	0.4587
23 rs5945619	10 rs4364968	6543737	0.80	0.0003351	1.09	0.2485
23 rs5945619	10 rs661891	6567350	1.23	0.000945	0.97	0.7089
23 rs5945619	10 rs11253799	16198686	1.29	0.0006361	0.84	0.02939
23 rs5945619	10 rs11816469	24818255	0.80	0.0009566	1.16	0.07248
23 rs5945619	10 rs495456	25672837	1.29	0.0005852	1.08	0.3727
23 rs5945619	10 rs2384046	54205846	1.29	0.0009225	1.10	0.2848
23 rs5945619	10 rs450493	60725143	0.78	0.0001183	1.11	0.1925
23 rs5945619	10 rs942568	71327627	1.40	0.0008307	0.85	0.1578
23 rs5945619	10 rs3855625	71349283	0.80	0.0002532	0.97	0.6947
23 rs5945619	10 rs11818147	82668048	1.32	0.0006995	1.01	0.9128
23 rs5945619	10 rs7913041	107354850	1.65	0.0000988	1.24	0.2164
23 rs5945619	10 rs2058979	107411488	1.43	0.0002603	0.98	0.8515
23 rs5945619	10 rs7073592	107441488	1.55	0.0008101	0.87	0.3795
23 rs5945619	10 rs11193003	108408374	1.35	0.0005806	0.96	0.6913
23 rs5945619	10 rs1870182	109439473	1.28	0.0003962	1.06	0.5123
23 rs5945619	11 rs2595455	6841522	0.81	0.0008846	1.01	0.879
23 rs5945619	11 rs7115019	20545900	1.32	0.0002022	0.97	0.7499
23 rs5945619	11 rs514393	35567394	1.42	0.0005136	1.13	0.2519
23 rs5945619	11 rs4756288	36135341	0.70	0.00009572	0.97	0.7762
23 rs5945619	11 rs2166653	41420048	0.81	0.0007529	1.18	0.03539
23 rs5945619	11 rs4558158	42647241	1.31	0.0003609	1.04	0.6358
23 rs5945619	11 rs813632	44426028	1.31	0.0007876	0.99	0.9008
23 rs5945619	11 rs12802077	45771419	0.54	0.00005015	0.83	0.2282
23 rs5945619	11 rs1365425	83811667	1.47	0.0004435	1.02	0.9178
23 rs5945619	11 rs10898239	83854285	1.24	0.0009884	0.94	0.4779
23 rs5945619	11 rs11213589	97380359	0.58	0.00009345	0.97	0.8457
23 rs5945619	11 rs10791556	101439018	0.81	0.0007933	1.06	0.4229

23 rs5945619	11 rs1908129	128728791	0.74	0.0006083	1.13	0.2
23 rs5945619	12 rs8181672	33816074	0.59	0.0002186	1.94	0.009068
23 rs5945619	12 rs7975319	50267960	1.64	0.00009624	0.96	0.8234
23 rs5945619	12 rs12833644	81953431	0.81	0.0007762	0.97	0.6827
23 rs5945619	12 rs12369825	88015114	1.24	0.0008541	1.09	0.2966
23 rs5945619	12 rs7973993	103374839	0.68	0.00007872	1.00	0.9772
23 rs5945619	12 rs7976717	103379034	0.78	0.0001082	0.91	0.2263
23 rs5945619	13 rs1536365	22827095	0.70	0.0004083	0.98	0.8247
23 rs5945619	13 rs11842605	23724638	0.76	0.00009728	1.02	0.7876
23 rs5945619	13 rs7320729	24962148	1.30	0.00002678	1.07	0.35
23 rs5945619	13 rs2010997	31968506	0.80	0.0002557	0.87	0.08138
23 rs5945619	13 rs9535698	32388553	0.79	0.0004113	0.91	0.2547
23 rs5945619	13 rs9548812	39021562	1.23	0.000908	1.01	0.9112
23 rs5945619	13 rs9573990	76510294	0.67	0.0002078	0.93	0.5239
23 rs5945619	13 rs7987573	93196681	1.29	0.0004356	1.01	0.9042
23 rs5945619	13 rs17656658	98985743	1.50	0.0003633	0.90	0.43
23 rs5945619	14 rs1959344	19764442	0.79	0.0001277	0.95	0.5363
23 rs5945619	14 rs2682836	36425923	1.41	0.0002921	0.83	0.07376
23 rs5945619	14 rs12896339	47933072	1.48	0.0007116	0.95	0.6601
23 rs5945619	14 rs952220	53748173	0.80	0.000621	1.05	0.5552
23 rs5945619	14 rs17099567	61712311	0.66	0.0007692	1.03	0.8521
23 rs5945619	14 rs762102	62748675	1.25	0.0007638	1.04	0.6175
23 rs5945619	14 rs12895422	68262578	1.24	0.000563	0.93	0.3598
23 rs5945619	14 rs11626345	68263718	0.73	0.0004314	0.88	0.189
23 rs5945619	14 rs12590199	77440208	0.80	0.0006065	0.89	0.126
23 rs5945619	14 rs7148719	79380140	1.31	0.0003549	1.15	0.1641
23 rs5945619	14 rs7149425	80100291	0.71	0.00001811	1.00	0.9903
23 rs5945619	14 rs759364	88828364	1.30	0.0004132	1.00	0.959
23 rs5945619	15 rs8024582	36253105	1.64	0.0001796	0.79	0.1201
23 rs5945619	15 rs12905875	96175633	0.79	0.0001941	0.95	0.4986
23 rs5945619	15 rs2684792	97305604	0.79	0.000143	1.08	0.3432
23 rs5945619	15 rs2715439	97309836	1.29	0.00007571	0.95	0.4787
23 rs5945619	16 rs1641881	12547451	0.76	0.0009369	1.04	0.6926
23 rs5945619	16 rs8053888	52561306	1.30	0.00001605	1.04	0.6174
23 rs5945619	16 rs12598958	62709429	1.33	0.0008195	0.90	0.2649
23 rs5945619	16 rs9936264	76909336	1.64	0.0004141	1.11	0.5405
23 rs5945619	17 rs6503284	9912409	0.80	0.0004525	1.08	0.3131
23 rs5945619	17 rs7222526	13175561	1.28	0.0007428	0.89	0.1713
23 rs5945619	17 rs494094	14343303	1.27	0.000622	1.12	0.1698
23 rs5945619	17 rs8067882	18747856	0.81	0.00071	0.96	0.616
23 rs5945619	17 rs9907696	64200197	0.79	0.0002896	1.12	0.1397
23 rs5945619	17 rs498637	64910723	1.24	0.0004035	1.06	0.424
23 rs5945619	18 rs1116346	3661634	0.78	0.0004206	0.98	0.7859
23 rs5945619	18 rs7506882	4808488	0.72	0.0001808	1.15	0.1959
23 rs5945619	18 rs11664013	12572788	1.31	0.0008328	0.94	0.535
23 rs5945619	18 rs8097023	29148480	0.75	0.00002749	0.82	0.01422
23 rs5945619	18 rs11082830	46345270	0.81	0.0008561	0.95	0.509
23 rs5945619	18 rs3867257	46400046	0.75	0.00009715	1.05	0.5661
23 rs5945619	18 rs9949687	46408371	1.24	0.0007838	0.95	0.471
23 rs5945619	18 rs12604601	46411251	0.74	0.00003644	1.11	0.1806
23 rs5945619	18 rs9954651	68713921	1.25	0.0004756	0.94	0.4354
23 rs5945619	18 rs12958914	68727601	0.81	0.0008233	1.12	0.1438

23 rs5945619	19 rs10853839	56865223	0.79	0.000454	0.91	0.2716
23 rs5945619	19 rs10412050	60901471	1.53	0.0005306	1.01	0.9272
23 rs5945619	20 rs2327842	14207195	1.30	0.000261	0.86	0.0997
23 rs5945619	20 rs6045079	17839945	0.80	0.0005261	1.05	0.5354
23 rs5945619	20 rs7261280	46215712	0.75	0.0006548	0.98	0.8083
23 rs5945619	20 rs6071446	58957412	1.29	0.0002162	0.91	0.2859
23 rs5945619	21 rs6518040	21326572	1.30	0.0004025	0.94	0.4819
23 rs5945619	21 rs17004068	22174716	0.64	0.00007763	1.03	0.8433
23 rs5945619	21 rs2247897	25306251	0.79	0.0009865	1.03	0.7139
23 rs5945619	21 rs230642	43739961	1.26	0.0003653	0.91	0.2085
23 rs5945619	22 rs9624894	24495181	0.80	0.0006485	1.04	0.6087

Supplementary Table 2

CHR1	SNP1	CHR2	SNP2	BP2	OR_INT_CGEMS	P_CGEMS	OR_INT_GASP2	P_GASP2
2	rs12621278	3	rs1351236	182651908	2.22	0.000327	1.85	0.02924
2	rs12621278	8	rs1870282	87852060	2.21	0.00009861	1.83	0.01575
2	rs12621278	10	rs17156539	15389322	0.49	0.000886	0.58	0.02714
2	rs12621278	12	rs6582362	40442620	0.52	0.0009788	0.63	0.04338
2	rs1465618	2	rs17030108	65399510	1.79	0.0006777	1.70	0.02869
2	rs1465618	4	rs17001726	77534206	1.96	0.000365	1.64	0.02963
2	rs1465618	4	rs2051776	113606140	0.65	0.00006548	0.73	0.02009
2	rs1465618	5	rs173775	106643405	0.63	0.0009918	1.40	0.04708
2	rs1465618	9	rs10812444	26674083	0.68	0.0004694	0.74	0.02409
2	rs1465618	9	rs10760481	127185620	0.64	0.0007009	0.74	0.04646
2	rs1465618	11	rs7127460	84345864	1.73	0.0004965	1.53	0.01852
2	rs1465618	14	rs2295705	23009272	1.91	0.0009346	0.61	0.04281
2	rs1465618	14	rs6573361	60685463	2.68	0.0006125	2.23	0.04059
2	rs721048	1	rs7535801	197163300	1.50	0.0004712	0.64	0.002984
2	rs721048	4	rs6448417	25618729	1.90	0.0001149	0.64	0.04308
2	rs721048	5	rs10491376	36738199	0.54	0.0001034	1.57	0.04159
2	rs721048	5	rs2559991	106783922	1.58	0.00008426	0.75	0.04775
2	rs721048	6	rs17298641	23959884	0.67	0.0007143	0.71	0.02736
2	rs721048	6	rs9487277	97386688	3.45	0.0004768	2.46	0.02396
2	rs721048	6	rs4131173	100636814	0.44	0.0005009	2.07	0.02911
2	rs721048	6	rs6928748	137313356	0.52	0.0004842	2.67	0.007034
2	rs721048	9	rs11791741	4114953	1.51	0.0001456	0.71	0.02609
2	rs721048	10	rs10748526	82263059	0.62	0.0007632	0.59	0.002839
2	rs721048	12	rs17194366	91648649	2.46	0.0005911	0.43	0.02642
2	rs721048	13	rs4142335	69969424	0.58	0.00009597	0.68	0.02389
2	rs721048	18	rs1943796	69177259	1.52	0.0004883	0.73	0.02491
2	rs721048	21	rs10488909	21906934	1.66	0.0006307	1.64	0.009864
3	rs10934853	2	rs1192396	84936012	1.59	0.0007816	1.42	0.02904
3	rs10934853	3	rs278376	99975821	1.47	0.0001922	0.79	0.03999
3	rs10934853	3	rs13091848	121468714	0.72	0.0006	1.28	0.03453
3	rs10934853	3	rs1561030	179034481	1.40	0.0006617	0.78	0.03179
3	rs10934853	4	rs894246	77436681	1.66	0.0004367	0.67	0.01165
3	rs10934853	6	rs1855559	143398474	1.94	0.00007375	1.46	0.03875
3	rs10934853	9	rs7848364	89505670	0.48	0.0007607	2.22	0.02912
3	rs10934853	11	rs10790056	96144851	0.70	0.0004474	1.31	0.02094
3	rs10934853	12	rs6489619	5304394	1.49	0.0007988	1.49	0.002659
3	rs10934853	14	rs10138762	23833788	0.38	0.000985	2.19	0.0424
3	rs10934853	17	rs4144279	28935750	2.15	0.0006111	1.81	0.01604
3	rs10934853	17	rs7211524	61862086	0.43	0.0000393	0.56	0.008886
3	rs10934853	18	rs2535731	51867168	2.11	0.0001875	1.69	0.04004
3	rs10934853	19	rs17771320	33318566	0.62	0.000622	1.53	0.004515
3	rs2660753	1	rs1181888	3694948	0.51	0.0006713	2.09	0.03029
3	rs2660753	2	rs10495895	42374531	2.41	0.000901	2.07	0.04743
3	rs2660753	3	rs9828349	174048977	0.55	0.00008584	0.62	0.01157
3	rs2660753	4	rs11733752	24742794	0.61	0.0009614	0.60	0.009355
3	rs2660753	4	rs11943048	57095496	1.66	0.0002487	1.47	0.04128
3	rs2660753	4	rs10519419	138582729	0.42	0.0008586	3.05	0.02343
3	rs2660753	6	rs9464886	16495782	0.54	0.0008287	0.61	0.04566
3	rs2660753	6	rs3130826	29289293	1.72	0.0006207	0.62	0.02986
3	rs2660753	6	rs671116	106867290	1.68	0.0002309	0.64	0.02186

3 rs2660753	7 rs724050	83486094	0.41	0.0005338	2.55	0.02857
3 rs2660753	11 rs12278579	42694572	0.41	0.0009535	8.47	0.03748
3 rs2660753	13 rs9592510	33971750	2.43	0.0007434	2.78	0.02924
3 rs2660753	15 rs2073987	89500676	1.70	0.0006182	0.68	0.04769
3 rs2660753	18 rs674716	38766846	2.42	0.0006762	0.41	0.003318
3 rs2660753	18 rs4891271	71228159	1.89	0.0003739	0.51	0.00223
3 rs2660753	19 rs2356400	49013616	0.58	0.00005749	1.52	0.03369
3 rs2660753	20 rs6133451	7596350	2.42	0.000266	1.97	0.04395
3 rs2660753	20 rs2423569	11474470	2.20	0.0003408	0.55	0.02971
3 rs2660753	21 rs2070995	38008835	0.59	0.0008304	1.99	0.01033
3 rs2660753	22 rs1320	20924091	2.76	0.000722	0.52	0.04315
4 rs17021918	1 rs6678766	238016595	1.47	0.0002468	0.72	0.01119
4 rs17021918	2 rs1476698	242016439	1.50	0.00003443	1.30	0.02821
4 rs17021918	3 rs3844589	32420250	0.63	0.0006972	0.71	0.02939
4 rs17021918	5 rs2678070	118840079	1.40	0.0002768	0.79	0.03537
4 rs17021918	9 rs7860748	111282057	0.73	0.0009447	0.75	0.00739
4 rs17021918	10 rs768166	8087556	1.63	0.0002419	1.45	0.03326
4 rs17021918	11 rs12421838	90381665	2.77	0.0004422	0.48	0.04485
4 rs17021918	14 rs7149285	58808440	0.60	0.0008633	1.49	0.02282
4 rs17021918	22 rs5999196	32793846	1.79	0.0003624	0.62	0.01847
4 rs7679673	1 rs10782987	94831811	0.72	0.0009573	1.40	0.01736
4 rs7679673	1 rs1160075	228571996	1.37	0.0007225	0.75	0.02894
4 rs7679673	3 rs4955695	171116660	1.35	0.0005345	1.33	0.02178
4 rs7679673	4 rs7693334	24757387	0.71	0.0008288	1.33	0.04422
4 rs7679673	5 rs2257138	5930419	0.74	0.0006894	1.52	0.002783
4 rs7679673	5 rs13154594	45910680	1.78	0.0007295	2.00	0.02658
4 rs7679673	7 rs12707359	136589498	0.72	0.0002048	1.40	0.005582
4 rs7679673	7 rs17667159	156795541	1.44	0.0001685	1.32	0.04232
4 rs7679673	8 rs919034	41496556	0.51	0.0004833	1.59	0.03534
4 rs7679673	10 rs7078980	12578497	1.42	0.0008927	1.43	0.02525
4 rs7679673	11 rs7929907	33372646	1.37	0.0007279	1.34	0.01983
4 rs7679673	11 rs7927205	86812553	1.38	0.0004372	1.30	0.04112
4 rs7679673	20 rs6103041	40845679	1.52	0.00002646	0.70	0.02212
4 rs7679673	20 rs1201971	58723831	1.44	0.00006049	1.37	0.01202
4 rs7679673	21 rs4407340	42472814	0.57	0.0007119	1.63	0.044
4 rs7679673	22 rs5749006	16134904	1.82	0.0004636	1.89	0.02408
6 rs9364554	3 rs12490476	69775191	0.70	0.0008398	0.78	0.03772
6 rs9364554	4 rs13130138	102099994	0.73	0.0009449	1.32	0.0277
6 rs9364554	5 rs27107	14506904	1.51	0.0008601	1.52	0.00828
6 rs9364554	5 rs1029942	148290344	2.01	0.000624	0.54	0.01444
6 rs9364554	7 rs10243441	14602750	1.47	0.0002249	0.70	0.003444
6 rs9364554	7 rs12534625	136524871	1.42	0.0001786	1.34	0.01465
6 rs9364554	12 rs2727683	118112295	1.45	0.000428	1.32	0.02988
6 rs9364554	18 rs10503048	56747418	0.46	0.0001854	0.60	0.04337
7 rs10486567	1 rs16860727	179973438	0.60	0.0008778	1.70	0.01484
7 rs10486567	2 rs2422008	63692256	0.68	0.0001888	0.71	0.00873
7 rs10486567	2 rs13010814	113042733	0.62	0.0006553	0.71	0.03424
7 rs10486567	2 rs13001532	238323556	0.65	0.0009282	1.42	0.03331
7 rs10486567	4 rs1365496	101082078	0.67	0.0002273	1.35	0.03455
7 rs10486567	7 rs17260962	37221961	1.57	0.0006617	1.46	0.0185
7 rs10486567	7 rs1357939	144141618	0.64	0.0001548	0.74	0.04553
7 rs10486567	11 rs518385	56301321	1.40	0.000812	1.33	0.03097

7 rs10486567	13 rs9514047	102173710	0.64	0.00001971	1.44	0.005042
7 rs10486567	14 rs12435655	62315720	1.44	0.0005489	0.75	0.03265
7 rs10486567	15 rs1552922	81966115	1.46	0.000449	1.31	0.04673
7 rs10486567	16 rs2667609	77106075	2.31	0.0004515	0.48	0.02658
7 rs10486567	17 rs11077600	67858412	0.71	0.000874	0.73	0.0138
7 rs6465657	2 rs1850133	14453440	1.48	0.00003316	0.77	0.02095
7 rs6465657	2 rs7606345	15785637	1.43	0.0002682	0.75	0.008586
7 rs6465657	2 rs6712572	113236909	1.38	0.000175	1.25	0.03901
7 rs6465657	2 rs12987503	161577028	2.25	0.0007716	1.77	0.01401
7 rs6465657	3 rs6442171	10479602	0.40	0.0004049	0.53	0.03112
7 rs6465657	4 rs937719	90566901	0.75	0.0007839	1.25	0.03809
7 rs6465657	5 rs2860531	73818739	0.70	0.0001157	1.31	0.01414
7 rs6465657	5 rs17700949	133102377	1.36	0.0003641	1.24	0.04343
7 rs6465657	7 rs319345	95222476	0.72	0.0007201	0.78	0.03725
7 rs6465657	7 rs2299438	115935705	1.51	0.00003069	1.27	0.04068
7 rs6465657	8 rs7833804	135567849	0.74	0.0005972	0.80	0.04229
7 rs6465657	11 rs1350006	11711632	1.32	0.0008556	1.34	0.005062
7 rs6465657	15 rs2440327	50848448	0.74	0.0004687	0.81	0.04345
8 rs10086908	5 rs10035747	63042816	1.46	0.000801	0.75	0.04234
8 rs10086908	6 rs2326028	2686816	0.53	0.0003776	0.65	0.04468
8 rs10086908	10 rs4746955	71519684	2.31	0.000572	1.74	0.04475
8 rs10086908	12 rs10745747	94886499	1.64	0.0004241	0.69	0.02662
8 rs10086908	17 rs4369716	2400658	0.44	0.00002371	1.97	0.002424
8 rs1447295	1 rs677277	119914340	0.64	0.0005525	1.45	0.02333
8 rs1447295	1 rs549844	179889800	1.57	0.0007199	0.69	0.01678
8 rs1447295	3 rs1462313	111924759	2.69	0.0005898	0.51	0.02963
8 rs1447295	8 rs10503752	24627438	2.00	0.00028	0.65	0.04364
8 rs1447295	10 rs2397658	9657974	0.61	0.0005618	1.44	0.01881
8 rs1447295	10 rs11190790	102762273	1.64	0.0005873	0.70	0.02965
8 rs1447295	11 rs4755097	104690941	1.64	0.0008832	1.40	0.03269
8 rs1447295	11 rs10791132	130622655	0.59	0.0001753	1.41	0.04265
8 rs1447295	11 rs2212484	131780505	1.77	0.0009805	1.64	0.02302
8 rs1447295	12 rs7131954	92515576	0.26	0.0008422	0.39	0.02875
8 rs1447295	15 rs11637980	94803657	0.52	0.0000829	0.58	0.002382
8 rs1447295	18 rs16973604	36441366	0.38	0.0002279	3.47	0.006715
8 rs1447295	20 rs183525	3501069	0.58	0.0003281	0.70	0.03963
8 rs1447295	20 rs6056754	9540598	1.58	0.000855	0.66	0.006321
8 rs1447295	20 rs2208203	17272003	4.80	0.0006298	0.49	0.02734
8 rs1512268	5 rs972890	1853436	0.54	0.00001511	0.64	0.007945
8 rs1512268	5 rs2966982	19453615	1.35	0.0009954	1.24	0.03232
8 rs1512268	5 rs9293151	24748315	1.43	0.0006746	1.43	0.003312
8 rs1512268	6 rs2814889	38627739	1.34	0.0008742	1.30	0.0113
8 rs1512268	7 rs523254	5861580	0.73	0.0006079	0.80	0.02467
8 rs1512268	7 rs6977396	7916949	1.64	0.0004991	1.43	0.019
8 rs1512268	7 rs680236	54442584	0.60	0.00005451	1.33	0.03053
8 rs1512268	10 rs10899933	43695641	0.50	0.0006064	0.57	0.002978
8 rs1512268	10 rs11238781	43748991	0.42	0.0008778	0.42	0.0008493
8 rs1512268	10 rs555766	78685945	0.68	0.0000694	1.30	0.01946
8 rs16901979	1 rs10798780	177277953	2.19	0.0008717	1.78	0.04368
8 rs16901979	2 rs7609513	62145996	0.36	0.0006968	2.56	0.03508
8 rs16901979	6 rs943603	6853291	0.16	0.0009736	0.23	0.01434
8 rs16901979	20 rs6025403	55149790	0.42	0.0004691	0.59	0.03812

8 rs2928679	1 rs2126384	236497249	0.71	0.00006597	0.74	0.005253
8 rs2928679	3 rs4679484	59374708	1.35	0.0004694	1.38	0.002237
8 rs2928679	3 rs6790241	102333618	0.66	0.0002663	0.76	0.0326
8 rs2928679	5 rs11738617	158813854	1.51	0.0009034	1.35	0.04282
8 rs2928679	6 rs9405859	5621458	1.37	0.0002106	1.27	0.02451
8 rs2928679	6 rs7742705	145042946	0.71	0.0007793	1.28	0.04852
8 rs2928679	20 rs6035701	20745014	1.59	0.0001615	1.35	0.02784
8 rs2928679	20 rs16998132	51541073	2.15	0.00005635	0.52	0.001887
8 rs445114	2 rs1550253	8952090	0.53	0.0001669	0.64	0.04932
8 rs445114	3 rs9858342	5053255	0.57	0.00009543	1.50	0.04793
8 rs445114	4 rs210759	27088271	1.60	0.0006789	1.44	0.04833
8 rs445114	5 rs4867061	31311924	1.47	0.0004865	1.36	0.02098
8 rs445114	5 rs256219	133001222	0.68	0.00002145	0.81	0.04772
8 rs445114	6 rs9466637	23242518	0.69	0.0008578	1.32	0.0389
8 rs445114	7 rs2002865	154132035	0.59	0.000001942	1.35	0.02579
8 rs445114	10 rs780632	16901406	0.74	0.0007341	0.78	0.02309
8 rs445114	12 rs859024	26994124	1.48	0.0005026	0.71	0.01075
8 rs445114	12 rs10858644	86706130	0.66	0.0001413	1.32	0.03234
8 rs445114	12 rs759572	95985503	0.73	0.0004501	1.26	0.02894
8 rs445114	13 rs1886792	45181859	0.72	0.0006288	0.76	0.01855
8 rs445114	13 rs12864397	101413674	1.50	0.0006171	1.47	0.0188
8 rs445114	14 rs3809403	100542369	0.72	0.0005744	1.27	0.03153
8 rs445114	17 rs17683047	40201220	0.75	0.0009907	1.28	0.02067
8 rs6983267	1 rs4262613	230405187	1.47	0.0002314	0.76	0.03412
8 rs6983267	3 rs3828371	199158962	0.45	0.0003488	1.74	0.02629
8 rs6983267	4 rs6848114	7079745	1.41	0.0003516	0.79	0.04399
8 rs6983267	4 rs9986032	115821342	0.66	0.0003317	1.46	0.005856
8 rs6983267	6 rs2018839	25408718	0.74	0.0009529	0.68	0.0006189
8 rs6983267	6 rs16886475	76095614	1.47	0.0005795	0.71	0.01978
8 rs6983267	6 rs1018810	105666302	1.55	0.0009148	0.62	0.01332
8 rs6983267	7 rs1006108	42935862	0.71	0.0006374	1.27	0.04168
8 rs6983267	7 rs4730594	112945775	1.37	0.0005192	1.24	0.0459
8 rs6983267	7 rs6978076	131091680	1.60	0.00007623	0.66	0.01994
8 rs6983267	8 rs3739262	134274895	0.73	0.0006612	0.79	0.04861
8 rs6983267	9 rs1916309	14995594	1.50	0.0002934	0.76	0.03446
8 rs6983267	11 rs10500981	24500051	1.80	0.0008859	1.58	0.0312
8 rs6983267	12 rs922274	27290640	1.49	0.00002259	1.26	0.04919
8 rs6983267	15 rs1106890	60319873	0.72	0.0007181	1.29	0.0264
8 rs6983267	16 rs16951846	24340757	1.46	0.000467	0.72	0.02134
8 rs6983267	21 rs243700	28137133	1.77	7.14E-06	1.63	0.00358
9 rs1571801	1 rs16858688	163890585	1.65	0.000928	0.45	0.04982
9 rs1571801	2 rs6705720	215090138	0.64	0.0008949	0.50	0.04828
9 rs1571801	3 rs569618	62788482	0.45	0.000907	0.19	0.02507
9 rs1571801	3 rs4680130	155597709	1.44	0.0006948	2.11	0.0189
9 rs1571801	4 rs1396069	55210406	1.72	0.0003579	2.65	0.02126
9 rs1571801	4 rs11097537	98342132	1.46	0.0002784	0.54	0.01965
9 rs1571801	5 rs16872173	74004814	0.60	0.0004574	0.41	0.01688
9 rs1571801	6 rs11962048	112638961	0.44	0.0007263	0.27	0.04784
9 rs1571801	8 rs2732973	5501059	1.49	0.00005429	2.43	0.001937
9 rs1571801	10 rs11011732	20336899	1.66	0.0007319	2.75	0.03899
9 rs1571801	10 rs12776025	27279372	0.73	0.0008317	0.57	0.03297
9 rs1571801	12 rs16947644	116394618	3.57	0.00001269	0.24	0.04037

10 rs10993994	2 rs6725675	67067747	0.65	0.0006703	1.36	0.04864
10 rs10993994	2 rs13000464	191612374	0.74	0.00046	0.79	0.02946
10 rs10993994	5 rs6897548	148322249	1.54	0.0004379	1.56	0.003837
10 rs10993994	5 rs12719855	178001582	1.49	0.0005494	1.41	0.03259
10 rs10993994	6 rs17075102	113824414	1.87	0.00004009	0.65	0.02135
10 rs10993994	6 rs4946631	123124355	0.54	0.0001822	0.62	0.01449
10 rs10993994	7 rs4308660	84956054	0.59	0.0007304	1.58	0.04776
10 rs10993994	8 rs1329803	132071758	1.36	0.0005843	0.75	0.008144
10 rs10993994	14 rs11159269	77046078	0.64	0.0001426	1.44	0.02555
10 rs10993994	14 rs2073328	90321823	1.67	0.0006827	0.63	0.003141
10 rs10993994	16 rs8058363	82267067	0.29	0.00005439	0.47	0.0358
10 rs4962416	4 rs12647998	25180158	1.44	0.0003192	0.73	0.01687
10 rs4962416	5 rs6864343	41614811	1.88	0.0007099	0.60	0.03463
10 rs4962416	5 rs6885560	41657338	1.61	0.0005573	0.63	0.007097
10 rs4962416	7 rs2237420	41874733	1.43	0.0005239	1.37	0.02193
10 rs4962416	12 rs12296349	99813841	2.30	0.0005533	1.99	0.04275
10 rs4962416	20 rs6040338	11004362	1.53	0.0007981	0.67	0.01158
11 rs10896449	2 rs7575195	204749693	0.49	0.0004543	1.91	0.04685
11 rs10896449	3 rs1732187	110782731	0.73	0.0008975	0.81	0.04497
11 rs10896449	4 rs10305895	148792293	1.43	0.0006436	1.32	0.04893
11 rs10896449	10 rs9417900	19484188	1.45	0.000163	1.30	0.04152
11 rs10896449	10 rs932763	95885718	0.72	0.0003793	0.79	0.03338
11 rs10896449	11 rs3814715	74840402	0.61	0.0009886	1.46	0.0394
11 rs10896449	17 rs228290	34180293	0.68	0.0002155	1.30	0.03841
11 rs10896449	19 rs347793	33511887	0.62	0.0009899	1.43	0.04445
11 rs12418451	1 rs905720	159065758	0.67	0.0002276	1.36	0.02591
11 rs12418451	1 rs3795617	189335347	1.39	0.0006837	1.30	0.02971
11 rs12418451	3 rs1955156	107675598	0.30	0.0002782	2.35	0.01526
11 rs12418451	4 rs12640237	17146916	2.13	0.0007728	2.14	0.01777
11 rs12418451	5 rs242061	82039023	0.61	0.000307	1.46	0.03428
11 rs12418451	7 rs259162	89273553	0.70	0.0005181	0.68	0.007203
11 rs12418451	8 rs6988310	4688055	0.58	0.0001179	0.70	0.02595
11 rs12418451	8 rs853308	133999099	0.70	0.000233	1.28	0.04104
11 rs12418451	10 rs748276	70914357	0.55	0.0004655	0.65	0.04227
11 rs12418451	18 rs1368165	35749778	0.67	0.0004289	1.34	0.04244
11 rs7127900	1 rs11583248	58764910	0.58	0.0002665	0.69	0.02819
11 rs7127900	2 rs17335169	212262667	2.40	0.0004949	2.08	0.03651
11 rs7127900	3 rs34906	10426880	1.64	0.00006334	0.77	0.04909
11 rs7127900	3 rs2304725	10860920	1.47	0.0008559	1.36	0.02258
11 rs7127900	6 rs11755487	42614077	1.65	0.0003368	0.73	0.03197
11 rs7127900	7 rs1568865	69860888	3.21	0.000157	0.35	0.00084
11 rs7127900	9 rs5023561	2670879	0.52	0.0008336	1.64	0.04278
11 rs7127900	9 rs1880947	26762805	1.86	0.0007373	0.65	0.04532
11 rs7127900	11 rs3751120	63641029	2.09	0.0006515	2.12	0.00832
11 rs7127900	11 rs17759748	86760138	3.56	5.22E-06	0.46	0.01247
11 rs7127900	17 rs1117293	49032652	1.59	0.000633	0.73	0.02449
17 rs11649743	3 rs1425101	191552937	0.44	0.0002576	0.53	0.01532
17 rs11649743	4 rs3857048	90966137	0.50	0.0001194	0.62	0.04237
17 rs11649743	6 rs12210411	6954379	0.54	0.0003952	0.66	0.0417
17 rs11649743	6 rs3132485	31351368	0.68	0.0004995	0.72	0.01385
17 rs11649743	10 rs12765367	18753912	2.18	0.0005119	0.56	0.01599
17 rs11649743	11 rs609821	106844365	0.63	0.0002023	0.75	0.03153

17 rs11649743	19 rs12972202	58161816	1.87	0.0002754	0.64	0.04183
17 rs1859962	1 rs6658794	174045855	1.35	0.0004976	0.79	0.02851
17 rs1859962	2 rs1642922	225131337	0.68	0.0006608	1.50	0.005458
17 rs1859962	5 rs854140	56985279	1.44	0.00005686	0.80	0.0468
17 rs1859962	5 rs17738959	169462481	0.73	0.0008134	0.78	0.03234
17 rs1859962	8 rs17053419	25252440	1.46	0.0007741	1.32	0.04111
17 rs1859962	10 rs10749593	90364037	0.72	0.0003216	0.78	0.03595
17 rs1859962	11 rs12146493	65303909	0.72	0.0003017	0.79	0.03636
17 rs1859962	15 rs499354	45933149	0.74	0.0003609	0.81	0.04679
17 rs1859962	17 rs157386	19639713	1.50	0.0009928	1.49	0.0137
17 rs1859962	17 rs2440139	58638930	1.84	0.000475	0.66	0.04972
17 rs1859962	21 rs2825061	19035782	1.46	0.00009865	1.40	0.002844
17 rs4430796	1 rs4543871	209146053	1.41	0.000727	1.37	0.01453
17 rs4430796	1 rs12028626	236181329	0.42	5.97E-06	1.82	0.01227
17 rs4430796	2 rs2128833	20540069	1.40	0.0007523	1.25	0.04874
17 rs4430796	2 rs10202412	209835369	1.34	0.0005769	1.30	0.01752
17 rs4430796	5 rs6450395	55982524	1.38	0.0001741	0.78	0.0168
17 rs4430796	6 rs4712856	24930283	1.53	0.0005877	1.55	0.01024
17 rs4430796	8 rs7013584	136052384	1.39	0.0006798	1.37	0.01371
17 rs4430796	9 rs1411820	116106461	1.39	0.0001794	0.77	0.01498
17 rs4430796	11 rs551998	78230904	0.74	0.0005048	1.28	0.02676
17 rs4430796	14 rs11851374	82761648	1.45	0.0003948	1.37	0.01262
17 rs4430796	16 rs2178725	462673	1.37	0.000251	1.27	0.03015
17 rs4430796	17 rs10512512	61965255	1.57	0.0001543	1.36	0.04387
19 rs2735839	3 rs9878212	30114270	1.57	0.0004949	1.94	0.02155
19 rs2735839	5 rs10513104	11948592	1.74	0.0001185	1.84	0.04631
19 rs2735839	7 rs6971450	121690344	0.65	0.0006315	0.56	0.02672
19 rs2735839	7 rs12706427	121882671	0.32	0.000548	0.26	0.0006149
19 rs2735839	14 rs4899843	83422110	0.62	0.0004106	0.56	0.04025
19 rs2735839	20 rs2749459	24163058	0.65	0.0007907	0.59	0.04395
19 rs8102476	1 rs10779271	213221384	1.36	0.0008722	1.30	0.02192
19 rs8102476	4 rs1394272	147990739	0.63	0.0006591	0.66	0.01629
19 rs8102476	4 rs12646523	171319428	1.41	0.0005557	1.38	0.01696
19 rs8102476	6 rs11752615	84437379	1.43	0.0003908	0.77	0.04701
19 rs8102476	8 rs2955551	8160844	1.42	0.0006077	1.45	0.009425
19 rs8102476	9 rs943433	134610921	1.52	0.0009226	0.65	0.01369
19 rs8102476	10 rs1410080	14727779	0.71	0.0001999	0.69	0.00184
19 rs8102476	18 rs484325	8713906	0.74	0.0009809	0.77	0.03083
19 rs887391	2 rs1997270	28748130	0.68	0.00024	1.33	0.02913
19 rs887391	7 rs890046	53398975	1.43	0.0007592	1.41	0.009255
19 rs887391	7 rs17624890	53458577	1.56	0.0001869	1.56	0.004847
19 rs887391	11 rs715792	5339696	0.70	0.0004771	0.77	0.04966
19 rs887391	12 rs9888427	33422705	1.60	0.0002133	1.52	0.004388
19 rs887391	13 rs851258	76404593	0.55	0.0005525	0.43	0.0001277
19 rs887391	18 rs663212	61127336	1.41	0.0009855	1.34	0.03615
19 rs887391	18 rs1587962	61147462	0.68	0.0002152	0.74	0.01924
19 rs887391	20 rs749922	6016863	1.42	0.0004902	1.33	0.03261
22 rs5759167	4 rs11726393	187723633	0.72	0.0008878	2.01	0.03534
22 rs5759167	7 rs7803079	33988853	0.58	0.0007405	3.64	0.04204
22 rs5759167	8 rs2008398	60147219	0.61	0.0008941	0.29	0.01497
22 rs5759167	14 rs2934683	50128261	0.64	0.000112	0.37	0.02859
22 rs5759167	14 rs17124696	51410353	2.14	0.0003109	5.06	0.03123

22 rs5759167	16 rs1073112	26399968	1.35	0.0004847	2.13	0.01539
22 rs9623117	1 rs4655145	23149977	1.68	0.0007573	0.62	0.02847
22 rs9623117	1 rs291109	203460546	0.71	0.0007859	1.37	0.03165
22 rs9623117	2 rs10180864	44304046	1.53	0.0005622	1.58	0.012
22 rs9623117	7 rs11769947	41420999	1.50	0.00079	0.69	0.02473
22 rs9623117	7 rs8180693	125312890	0.52	0.0003642	1.76	0.034
22 rs9623117	10 rs677489	113635376	0.57	0.0009036	1.70	0.04189
22 rs9623117	10 rs1891842	119629284	0.67	0.0005437	0.72	0.03403
22 rs9623117	11 rs1516773	20987280	1.72	0.0003552	1.67	0.01778
22 rs9623117	11 rs4922560	21545018	0.67	0.000422	0.67	0.009634
22 rs9623117	14 rs962215	25707678	1.45	0.0004948	0.69	0.009484
22 rs9623117	14 rs964516	84752732	1.46	0.0005407	1.38	0.03283
22 rs9623117	15 rs10152434	61332405	0.64	0.000331	1.45	0.02655
22 rs9623117	17 rs1431330	51449316	0.68	0.0006155	1.34	0.04927
23 rs5945619	1 rs164149	159070239	1.24	0.000681	0.86	0.04825
23 rs5945619	6 rs11755834	120243629	1.48	0.0003354	0.72	0.01019
23 rs5945619	7 rs11983568	31414894	0.78	0.0001075	1.18	0.0371
23 rs5945619	8 rs17076075	5969264	1.65	0.000071	0.68	0.006238
23 rs5945619	8 rs1405351	77398756	1.42	0.0008489	1.56	0.01815
23 rs5945619	9 rs2149103	14528445	0.65	0.0003156	1.57	0.002645
23 rs5945619	10 rs11253799	16198686	1.29	0.0006361	0.84	0.02939
23 rs5945619	11 rs2166653	41420048	0.81	0.0007529	1.18	0.03539
23 rs5945619	12 rs8181672	33816074	0.59	0.0002186	1.94	0.009068
23 rs5945619	18 rs8097023	29148480	0.75	0.00002749	0.82	0.01422