

Local Ancestry and Clinical Cardiovascular Events Among African Americans From the Atherosclerosis Risk in Communities Study

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Background—Local ancestry in relation to clinical cardiovascular events (CVEs) among African Americans can provide insight into their genetic susceptibility to the disease.

Methods and Results—We examined local European ancestry (LEA) association with CVEs among 3000 African Americans from the Atherosclerosis Risk in Communities Study (ARIC). We estimated LEA using Local Ancestry Inference in admixed Populations using Linkage Disequilibrium (LAMP-LD) and examined its association with myocardial infarction, stroke, coronary heart disease and its composite and cardiovascular disease composite using logistic regression. Genome-wide significance was achieved by 121 LEA regions in relation to myocardial infarction and 2 in relation to the cardiovascular disease composite. The LEA region downstream of 4q32.1 was significantly associated with 2 times higher odds of myocardial infarction ($P=1.45 \times 10^{-6}$). The LEA region upstream of 6q11.1 was associated with 0.37 times lower odds of fatal coronary heart disease ($P=7.34 \times 10^{-4}$), whereas the LEA region downstream of 21q21.1 was associated with 1.55 times higher odds of composite coronary heart disease ($P=3.45 \times 10^{-4}$). Association of LEA with stroke was observed in the region upstream of 6p22.3 with a 1.57 times higher odds of stroke ($P=9.69 \times 10^{-4}$). Likewise, the LEA region on 4q32.3 was associated with a 1.53 times higher odds of composite cardiovascular disease ($P=3.04 \times 10^{-4}$). We also found 20 of the LEA regions at previously significant cardiovascular disease single-nucleotide polymorphisms to be associated with CVE in our study.

Conclusions—Future studies are needed to replicate and/or determine the causal variants driving our associations and explore clinical applications for those consistently associated with CVEs. (*J Am Heart Assoc.* 2017;6:e004739. DOI: 10.1161/JAHA.116.004739.)

Key Words: admixture mapping • association studies • cardiovascular events • genetic epidemiology • genetics • genome-wide association scan • race and ethnicity

Coronary heart disease (CHD) and stroke are the largest contributors to cardiovascular disease (CVD) deaths (46.2% and 16.1%, respectively),¹ the leading cause of death in the United States for over three quarters of a century.² Prevalence of CVD is highest among non-Hispanic African Americans as compared to other race/ethnicities, and a high

prevalence of CVD risk factors, such as hypertension and diabetes mellitus, contribute to higher disease rates in this racial/ethnic group.¹ Given the high heritability of both CHD and stroke,^{3,4} genetic factors have been explored to explain the variability in disease not accounted for by traditional CVD risk factors. Subsequently, several genome-wide association studies (GWAS) were conducted that identified single-nucleotide polymorphisms (SNPs) associated with myocardial infarction (MI) and CHD,^{5,6} with a handful of studies also examining stroke and its subtypes.^{7,8} Most of these studies were almost exclusively conducted in populations of European descent, with the focus shifting to the study of minority populations only recently.

The first large-scale GWAS among African Americans from the Candidate gene Association Resource (CARE) Project explored CHD as well as CHD risk factors and combined association and ancestry results to obtain narrow and localized gene regions and detect African American specific susceptibility loci.⁹ GWAS or meta-analyses focused on African Americans have reported few novel genetic

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Accompanying Tables S1 through S7 are available at <http://jaha.ahajournals.org/content/6/4/e004739/DC1/embed/inline-supplementary-material-1.pdf>

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associations, but have been successful in replicating single SNP associations identified from genetic studies of European populations.^{9–11} Some of the consistently replicated results include variants in or near the zinc finger homeobox 3 (*ZHFX3*), cyclin-dependent kinases 2A and 2B (*CDK2A/CDK2B*), and histone deacetylase 9 (*HDAC9*) genes associated with CHD, stroke, or their combined phenotypes. Genetic association studies among African Americans were initially hampered by smaller sample sizes and limited coverage of SNPs on genotyping platforms that either lacked variations among African Americans or resulted in weak/undetectable associations.¹² However, recent technical advances in genotyping and statistical models have alleviated these issues and identified other methods, such as admixture mapping, that help delineate the disparities in genetic susceptibility and risk of disease among admixed populations.¹³

Admixture mapping is used to detect genetic loci that are believed to be inherited from the ancestral population with a higher prevalence of the disease. This approach has so far been used to detect ancestry associations in relation to atherosclerosis using subclinical measures, such as coronary artery calcification,¹⁴ or CVD risk factors, such as hypertension,¹⁵ diabetes mellitus,¹⁶ lipids,¹⁷ or body mass index (BMI),¹⁸ among admixed populations. In particular, studies have not yet evaluated the association of local ancestry in relation to clinical cardiovascular events (CVEs), such as MI, stroke, CHD, and CVD. The objective of this study was to examine the association of local European ancestry (LEA) with clinical CVD events—MI, stroke, CHD, and CVD among African Americans from the Atherosclerosis Risk in Communities Study (ARIC) using admixture mapping.

Methods

Clinical and genotype data for the ARIC study were obtained from the National Center for Biotechnology Information's (NCBI) database for Genotypes and Phenotypes (dbGaP) through the accession number phs000090.v1.p1. The conduct of this study was approved by the University of Alabama at Birmingham (Birmingham, AL) Institutional Review Board.

Study Population

ARIC is a prospective cohort study designed to examine the natural history and progression of atherosclerosis to clinical cardiovascular disease as well as disparities attributed to race, sex, geography, and time.¹⁹ The study began in 1987 and had both cohort and community surveillance components. Participants, aged 45 to 64 years and representative of their respective communities, were recruited from 4 field centers (Forsyth County, NC; Minneapolis, MN; Washington

County, MD; and Jackson, MS). Follow-up included examinations every 3 years, annual phone interviews to document overall health and event status, and surveillance for hospitalized and nonhospitalized events and deaths. A greater proportion of African Americans were recruited from Jackson, Mississippi, and comprised 27% (n=4314) of the total number of cohort participants at baseline. In the current study, a total of 3000 African Americans without prevalent CVD at baseline visit, and with complete information on sociodemographic, lifestyle, clinical, and genomic data, were included.

Data Collection and Clinical Examination

The baseline examination in ARIC included a home interview as well as a clinical exam.¹⁹ The interview collected information on the participant's medical/family history, including hospitalizations in the past year as well as other lifestyle and socioeconomic factors. The clinic visit included procedures such as anthropometry and physical exam; sitting blood pressure; hematology and lipid profile; medical history and record review; echocardiography; and ultrasound. Classification of CVD-related risk factors included: hypertension defined as systolic blood pressure ≥ 140 mm Hg, diastolic blood pressure ≥ 90 mm Hg, or antihypertensive medication use; diabetes mellitus defined based on medication use, fasting plasma glucose of ≥ 126 mg/dL or casual blood glucose level of ≥ 200 mg/dL; and low-density lipoprotein (LDL) and high-density lipoprotein (HDL) cholesterol (mg/dL) measured and calculated from fasting blood samples.

Clinical Events

Data on incident events were obtained from the baseline visit through December 31, 2004 for inclusion in the current analysis. Information on events was collected through annual phone interviews, 3-year examinations, and active surveillance.¹⁹ Events were initially determined using discharge diagnoses codes for CVD-related hospitalizations. The hospital records were abstracted and reviewed if the initial check included CVD discharge codes, with the final diagnosis being assigned by a computer and accompanied by a physician review in uncertain or complicated cases. Events in the cohort component also included nonhospitalized diagnoses obtained through the participant's clinic records or questionnaires. CVD-related deaths were also initially determined through discharge codes for in-hospital deaths whereas information on out-of-hospital death was obtained from next of kin, physicians, coroners, or medical examiners. Death certificates and medical records were then reviewed to confirm cause of death and arrive at a final diagnosis, and further adjudication

conducted in case of disagreements. All cardiovascular clinical events have been defined in the parent ARIC study.^{20,21}

Briefly, MI was classified as definite, probable, suspect, or no MI and identified based on electrocardiogram (ECG), cardiac biomarker levels, and symptoms of cardiac pain. Fatal CHD was defined as death resulting from atherosclerotic cardiac disease, death within 72 hours of the onset of cardiac pain, or history of CHD in cases where cause of death was unknown.²²

Stroke was classified similar to MI and was based on sudden onset of focal neurological deficit that lasted >24 hours or until death. The diagnostic criteria included the presence of 1 or more neurological symptoms of hemiparesis or unilateral numbness of ≥ 2 body parts, homonymous hemianopia, aphasia, diplopia, dysarthria, dysphagia, dysphonia, or vertigo or gait disturbance; diagnostic scans indicating areas of infarct, embolus or bleed in the brain; or autopsy findings suggestive of infarct, embolus, or bleed in the brain. Focal neurological deficits attributed to nonvascular causes, such as brain trauma, tumor, infection, and complications attributed to metabolic or hematological disorders, were not considered as stroke.²³

The CHD composite was defined as the presence of either MI, fatal CHD, silent MI (defined as ECG evidence of MI occurring in between visits and lacking clinical documentation), or revascularization procedures such as angioplasty, stenting, or bypass surgery. Furthermore, the CVD composite included a definitive diagnosis of MI, stroke, or death following MI or stroke.

Genotyping and Quality Control

Participants from the ARIC study who consented to genetic analysis and provided DNA samples were genotyped using the Affymetrix 6.0 SNP array (hg18 build) at the Broad Institute Center for Genotyping and Analysis, and the genotype calls were determined using the Birdseed algorithm.²⁴ The 3000 African Americans included in the current study were genotyped for 909 622 SNPs. Quality control (QC) resulted in the removal of 65 637 SNPs because of genotype call rates <95% and 2165 SNPs because of plate associations ($P < 1 \times 10^{-10}$), leaving 841 820 SNPs for further analysis. Further QC resulted in the removal of 390 SNPs because of missing >10% SNP data individually, 20 975 because of deviation from Hardy–Weinberg equilibrium (HWE) < 0.001 (using exact test in PLINK), and 99 103 SNPs because of minor allele frequency (MAF) <5%. Furthermore, SNPs were also removed because they were not available in HapMap (87 397 SNPs), 22 495 had ambiguous A/T or G/C SNPs with MAF >35% and could not be resolved for strand annotation, and 1727 were found to be duplicates; this

resulted in 579 847 autosomal SNPs remaining for inclusion in the admixture estimation and association analyses (Table S1).

Estimation of LEA

The Local Ancestry in admixed Populations using Linkage Disequilibrium (LAMP-LD) program was used to estimate LEA.²⁵ The ancestry at each SNP for each individual was determined by using haplotype sets from ancestral populations. We used the HapMap phase II and III data from 234 Utah residents with North-West European ancestry (CEU) and 230 Yorubans in Ibadan, Nigeria (YRI) with African ancestry to serve as our reference populations (HAPMAP phase 3, release 2). The reference phased haplotype data were used to determine parameters for the Hidden Markov Model (HMM) with 15 state spaces. The local ancestry was estimated using the HMM parameters within a 300-SNP-long, window-based framework. Each chromosome was analyzed separately and the local ancestry was coded as the number of European ancestry alleles at each SNP (ie, 0, 1, or 2 European alleles). Global ancestry was calculated from local ancestry by averaging it across all chromosomes for each individual.

Association With Clinical CVD

Cases were defined as individuals who had a clinical event based on the criteria specified above. Controls included the rest of the participants who were still free of these events at the time when follow-up ended. Ancestry association testing in relation to the clinical events was performed using additive logistic regression in PLINK (v1.9) with default settings to compare the cases (<10%) and controls.²⁶ The association of LEA was conducted by coding ancestry at an SNP as homozygous European ancestry (coded as 11), heterozygous European/African ancestry (coded as 12), or homozygous African ancestry (coded as 22), which served as a reference. Using the Cochran-Armitage trend test, the analysis tests whether the probability of disease increases with increase in number of “European ancestry” present. All analyses were adjusted for global ancestry and other known CVD risk factors, including age, sex, current smoking status, hypertension, diabetes mellitus, and LDL and HDL cholesterol. To correct for multiple testing, we used the method proposed by Shriner et al to calculate the total number of independent tests.²⁷ The method uses an autoregressive model, which accounts for the high correlation between SNPs given that ancestry over extended portions of a chromosomal region tends to be the same. The total number of independent tests estimated based on this approach were 146, resulting in a threshold significance level of 3.41×10^{-4} after applying

Bonferroni correction to yield an experiment-wise type I error rate of 5%.

A SNP most significantly associated with the clinical events along with the block of neighboring SNPs with similar European ancestry (“0”, “1”, or “2” where “0” means both chromosomal regions had African ancestry, “1” means the chromosomal region was admixed, European ancestry and the other African ancestry, and “2” means both chromosomal regions had European ancestry) were denoted as a “LEA region.” Additionally, blocks of same ancestry LEA regions were further defined based on whether the SNPs were in the genic or intergenic regions. A genic region included the 5′ and 3′ untranslated regions, the exons and the introns; the intergenic regions were those that fell between 2 genic regions as described above. Gene nomenclatures were obtained from the NCBI Reference Sequence database.

Association of LEA Regions With Previously Reported CVD-SNPs

Based on previous GWAS, we identified 341 SNPs that were found to be associated with MI, CHD, stroke, or CVD. We searched the National Human Genome Research Institute’s (NHGRI) GWAS catalog for the above 4 mentioned CVEs and found a total of 222 SNPs.²⁸ We also used the coronary artery disease (CAD) gene database (CADgene) to identify SNPs not found in our search through NHGRI’s GWAS catalog. CADgene is a web resource that provides a comprehensive and curated list of genes that have been previously associated with CAD or related traits.²⁹ This led to the identification of 76 SNPs. The remaining SNPs (n=43) were identified through recent GWAS/meta-analyses on CHD and stroke performed in African Americans,^{11,30} which, together with the 298 SNPs, were examined for significant LEA associations with clinical events. Because these individual results are replications of previous studies, we set the statistical significance at $P<0.05$ for each test in the current study.

Results

The baseline characteristics and follow-up events of the 3000 African Americans included in the current analysis are shown in Table 1. The average age was 53.2 (± 5.8) years, and the average estimated global European ancestry was 17.4% ($\pm 11.0\%$) among all participants. Females comprised 63.2% of the participants and were similar to males in age, proportion of estimated LEA, and plasma LDL cholesterol levels. Similarly, the number of participants with hypertension and diabetes mellitus did not differ by sex. Females and males were significantly different with respect to their current smoking status and plasma HDL cholesterol levels. Clinical

Table 1. Clinical Characteristics and CVEs Among 3000 African American Participants From the ARIC Study

Characteristics	All (n=3000)	Males (n=1103)	Females (n=1897)
European ancestry, %	17.4 (11.0)	17.5 (11.4)	17.3 (11.0)
Age (y), mean (SD)	53.2 (5.8)	53.5 (6.0)	53.1 (5.7)
Current smoker, n (%)	877 (29.2)	418 (37.9) [†]	459 (24.2)
Hypertension, n (%)	1642 (54.7)	583 (52.9)	1059 (55.8)
Diabetes mellitus, n (%)	551 (18.4)	184 (16.7)	367 (19.3)
HDL cholesterol (mg/dL), mean (SD)	52.5 (20.8)	50.6 (16.6) [†]	58.0 (17.3)
LDL cholesterol (mg/dL), mean (SD)	130.3 (52.8)	137.2 (40.9)	139.1 (44.1)
MI, n (%)	219 (7.3)	96 (8.7)*	123 (6.5)
Stroke, n (%)	251 (8.4)	109 (9.9)*	142 (7.5)
Fatal CHD, n (%)	115 (3.8)	60 (5.4) [†]	55 (2.9)
CHD composite, [‡] n (%)	351 (11.7)	171 (15.5) [†]	180 (9.5)
CVD composite, [§] n (%)	420 (14.0)	187 (16.9) [†]	233 (12.3)

ARIC indicates Atherosclerosis Risk in Communities; CHD, coronary heart disease; CVD, cardiovascular disease; CVEs, cardiovascular events; HDL, high-density lipoprotein; LDL, low-density lipoprotein; MI, myocardial infarction.

* $P<0.05$ and [†] $P<0.001$ variables statistically significantly different between males and females.

[‡]CHD composite: includes MI, silent MI, revascularization post-MI, or fatal CHD.

[§]CVD composite: includes MI, stroke, or deaths following either MI or stroke.

CVD events were significantly higher in males as compared to females.

The genome-wide associations of the LEA regions with each of the clinical events are summarized in the Manhattan plots in Figure A through E). The LEA at the top 5 regions associated with each clinical CVE are listed in Table 2 (LEA regions significant at $P<0.05$ are available in Tables S2 through S6). Genome-wide significance was achieved by 121 LEA regions with an effective size (as described above) of 14 in relation to MI and 2 of the LEA regions in relation to the CVD. The most significant LEA region was associated with ≈ 2 times higher odds of MI ($P=1.45 \times 10^{-6}$) and included the region spanning 158.388 to 159.262 Mb on chromosome 4 downstream to the glutamate ionotropic receptor alpha-amino-3-hydroxy-5-methyl-4-isoxazole propionate (AMPA) type subunit 2 (*GRIA2* [4q32.1]) gene. On the other hand, the LEA region from 62.030 to 62.331 Mb on chromosome 6, upstream of the humanin-like 9 (*HN9* [6q11.1]) gene, was associated with 0.37 times lower odds of fatal CHD ($P=7.34 \times 10^{-4}$), whereas the LEA region

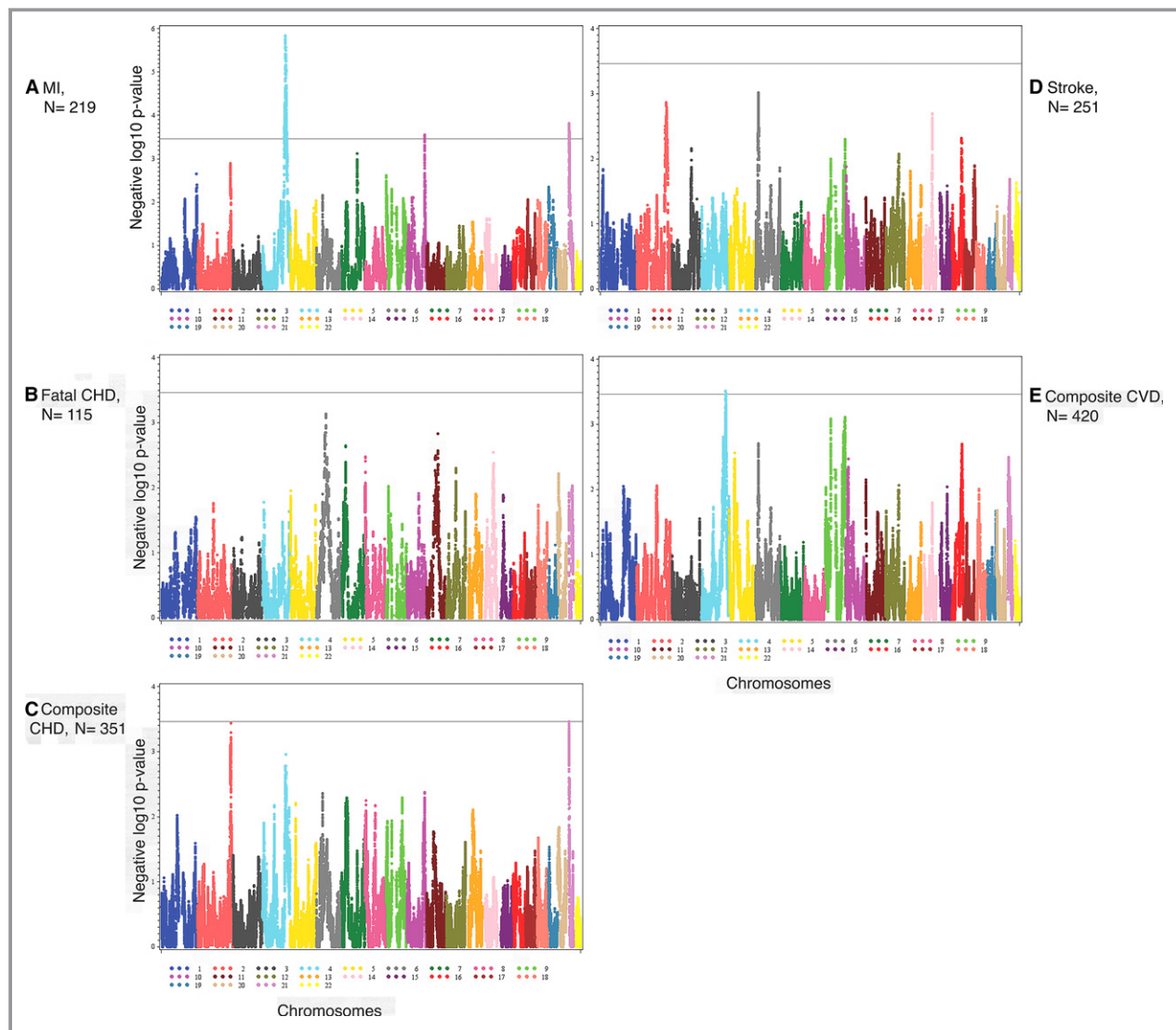


Figure. Manhattan plot of the association between local European ancestry (LEA) and CVE using the additive model for (A) myocardial infarction, (B) fatal coronary heart disease, (C) coronary heart disease composite, (D) stroke, and (E) cardiovascular disease composite. The gray line corresponds to $P=3.41 \times 10^{-4}$ based on the effective number of the independent test, and the results above this threshold are considered statistically significant associations (negative $\log_{10} P$ values are plotted against each SNP's respective position on each chromosome). CHD indicates coronary heart disease; CVD, cardiovascular disease; CVE, cardiovascular events; MI, myocardial infarction; SNP, single-nucleotide polymorphism.

spanning from 16.915 to 17.727 Mb downstream of the chromosome 21 open reading frame 37 (*C21orf37* [21q21.1]) gene was associated with 1.55 times higher odds of the composite CHD event ($P=3.45 \times 10^{-4}$). Association of LEA with stroke was observed in the region spanning 18.681 to 19.939 Mb on chromosome 3 upstream of the inhibitor of DNA-binding 4, helix loop helix (HLH) protein (*ID4* [6p22.3]) gene, with a 1.57 times higher odds of stroke ($P=9.69 \times 10^{-4}$). Likewise, the LEA region from 166.242 to 166.250 Mb on chromosome 4 in the transmembrane protein 192 (*TMEM192* [4q32.2]) gene was

associated with a 1.53 times higher odds of the composite CVD event ($P=3.04 \times 10^{-4}$).

LEA Associations With Previously Significant CVD-SNPs

The LEA associations at 20 of the 341 SNPs previously reported to be significant in relation to 1 or more CVD events or CVD-related traits are presented in Table 3. Among the 20 SNPs, 9 were associated with MI, 6 with stroke, 3 with fatal CHD, 4 with the composite CHD event, and 6 with the composite CVD event. s10777317 downstream of the decorin

Table 2. Association Results of Top 5 LEA Regions Associated With Cardiovascular Clinical Events Among African Americans From the ARIC Study

Chromosome	Region (Mb)	First SNP	Last SNP	Gene	OR	95% CIs	P Value
MI							
4	158.388 to 159.262	rs11100102	rs10517686	<i>GRIA2</i>	1.97	1.48 to 2.58	$1.45 \times 10^{-6*}$
4	160.502 to 164.258	rs6536413	rs10019236	<i>FSTL5</i>	1.93	1.44 to 2.50	$2.66 \times 10^{-6*}$
4	160.277 to 160.498	rs17225089	rs6816166	<i>RAPGEF2</i>	1.91	1.44 to 2.48	$3.88 \times 10^{-6*}$
4	158.226 to 158.339	rs4615228	rs17035876	<i>GLRB</i>	1.92	1.45 to 2.53	$3.90 \times 10^{-6*}$
4	159.895 to 160.176	rs6815665	rs17037938	<i>FIMP2</i>	1.90	1.45 to 2.50	$4.05 \times 10^{-6*}$
Fatal CHD							
6	62.030 to 62.331	rs1689238	rs4710691	<i>HNF9</i>	0.37	0.23 to 0.70	7.34×10^{-4}
6	62.451 to 63.030	rs9350974	rs16882802	<i>KHDRBS2</i>	0.37	0.21 to 0.66	7.37×10^{-4}
6	64.090 to 64.330	rs9448873	rs6936079	<i>LGSN</i>	0.39	0.22 to 0.69	1.16×10^{-3}
6	64.490 to 66.474	rs1884118	rs9294647	<i>EYS</i>	0.39	0.22 to 0.69	1.18×10^{-3}
6	64.350 to 64.350	rs16894460	rs16894460	<i>PTPA1</i>	0.39	0.22 to 0.69	1.21×10^{-3}
CHD composite[†]							
21	16.915 to 17.727	rs2823911	rs1689155	<i>C21orf37</i>	1.55	1.17 to 1.90	3.45×10^{-4}
2	228.443 to 228.489	rs10498223	rs13406984	<i>DAW1</i>	1.55	1.12 to 1.83	3.67×10^{-4}
2	228.572 to 228.745	rs11680053	rs13402484	<i>SKIP</i>	1.55	1.22 to 1.97	3.67×10^{-4}
2	227.413 to 227.567	rs4673171	rs10210997	<i>RHBDD1</i>	1.53	1.18 to 1.92	6.07×10^{-4}
2	227.318 to 227.371	rs13431179	rs3731597	<i>IRS1</i>	1.52	1.19 to 1.91	6.66×10^{-4}
Stroke							
6	18.681 to 19.939	rs760827	rs12528525	<i>IDA</i>	1.57	1.19 to 2.04	9.69×10^{-4}
6	18.270 to 18.329	rs9477642	rs214506	<i>KDM1B</i>	1.56	1.20 to 2.04	1.01×10^{-3}
6	17.869 to 18.082	rs9350058	rs2328176	<i>KIF13A</i>	1.56	1.19 to 2.02	1.14×10^{-3}
6	17.419 to 17.500	rs1745070	rs2328099	<i>RBM24</i>	1.55	1.18 to 2.01	1.16×10^{-3}
6	18.239 to 18.253	rs9367980	rs11964408	<i>TPMT</i>	1.55	1.19 to 2.02	1.20×10^{-3}
CVD composite[‡]							
4	166.242 to 166.250	rs12642069	rs17045969	<i>TMEM192</i>	1.53	1.21 to 1.91	$3.04 \times 10^{-4*}$
4	168.398 to 169.248	rs17600543	rs6845007	<i>TES-3</i>	1.50	1.17 to 1.83	$3.32 \times 10^{-4*}$
4	166.173 to 166.176	rs12511595	rs13111010	<i>TRIM60</i>	1.51	1.21 to 1.91	3.49×10^{-4}
4	169.395 to 169.471	rs6552559	rs6846811	<i>DDX60</i>	1.49	1.19 to 1.86	5.19×10^{-4}
4	165.903 to 165.941	rs17045455	rs9999138	<i>LINC01207</i>	1.49	1.18 to 1.87	5.76×10^{-4}

ARIC indicates Atherosclerosis Risk in Communities; CHD, coronary heart disease; CVD, cardiovascular disease; LEA, local European ancestry; MI, myocardial infarction; OR, odds ratio.

*Statistically significant at genome-wide association level of 3.41×10^{-4} .

[†]CHD composite: includes MI, silent MI, revascularization post-MI, or fatal CHD.

[‡]CVD composite: includes MI, stroke, or deaths following either MI or stroke.

(*DCN*) gene on chromosome 12 was the only SNP associated with MI, stroke, and the CVD composite, with ≈ 0.71 times lower odds for all 3 events. The strongest association of MI and composite CHD was observed with rs10498211 located near the insulin receptor substrate 1 (*IRS1*) gene on chromosome 2, which was associated with 1.51 times higher odds for both events, whereas fatal CHD was associated with rs16893526 located in the region intergenic to family with

sequence similarity 46 member A (*FAM46A*) and inhibitor of Bruton tyrosine kinase (*IBTK*) on chromosome 6. Rs7136259 in the ATPase plasma membrane Ca^{2+} transporting 1 (*ATP2B1*) gene and rs10777317 near the *DCN* gene on chromosome 12 were both associated with 0.71 times lower odds of stroke, and the CVD composite was associated with rs879324 in the *ZFH3* gene on chromosome 16, resulting in 1.37 times higher odds of CVD.

Table 3. Association of Clinical CVE With LEA at Previously Reported Significant CVD Single-Nucleotide Polymorphisms (SNPs)

Chromosome	Position	SNP	Gene	MI		Fatal CHD		CHD Composite*		Stroke		CVD Composite†	
				OR (95% CI)	P Value	OR (95% CI)	P Value	OR (95% CI)	P Value	OR (95% CI)	P Value	OR (95% CI)	P Value
1	109623689	rs599839	<i>PSRC1</i>					1.33 (1.06–1.69)	0.02				
1	180348583	rs10911021	<i>ZNF648</i>									0.77 (0.6–0.99)	0.04
2	226776324	rs2943634	<i>IRS1</i> ‡	1.50 (1.12–2.00)	0.006			1.47 (1.16–1.87)	0.002				
2	227330075	rs10498211	<i>IRS1</i> ‡	1.51 (1.13–2.01)	0.005			1.51 (1.19–1.91)	0.0008			1.27 (1.01–1.60)	0.04
4	148620640	rs6841581	<i>EDNRA</i>	1.41 (1.05–1.88)	0.02							1.30 (1.04–1.63)	0.02
6	32449331	rs9268402	<i>Ccort10, HCG23</i>					0.75 (0.58–0.97)	0.03				
6	43866851	rs6905288	<i>VEGFA</i>			0.55 (0.33–0.91)	0.02						
6	82572034	rs16893526	<i>FAM46A, / BTK</i>			0.48 (0.29–0.81)	0.006						
7	12898574	rs732577	<i>ARL4A, ETV1</i>			1.60 (1.08–2.35)	0.02						
10	44095830	rs1746048§	<i>CXCL12</i> ‡	0.71 (0.52–0.97)	0.03								
12	88605319	rs7136259	<i>ATP2B1</i>							0.67 (0.49–0.93)	0.02		
12	90504505	rs10777317	<i>DCN, C12orf79</i>	0.71 (0.51–0.99)	0.04					0.68 (0.49–0.93)	0.02	0.73 (0.57–0.94)	0.01
12	119919970	rs2259816	<i>HNF1A</i>							0.73 (0.53–0.99)	0.04		
16	71488586	rs16971384	<i>ZFXK3</i>							1.32 (1.01–1.74)	0.04	1.36 (1.09–1.69)	0.006
16	71626179	rs879324	<i>ZFXK3</i>							1.34 (1.03–1.74)	0.03	1.37 (1.10–1.70)	0.005
16	81769899	rs8055236	<i>CDH13</i>							0.74 (0.54–1.00)	0.04		

CHD indicates coronary heart disease; CVD, cardiovascular disease; LEA, local European ancestry; OR, odds ratio; SNP, single-nucleotide polymorphism.

*CHD composite: includes MI, fatal CHD, silent MI, or revascularization procedures.

†CVD composite: includes MI, stroke, or deaths following MI or stroke.

‡Refer to genes reported in the literature with a different annotation at present.

§Four more SNPs in linkage disequilibrium with the reported SNP had the same magnitude of association—rs622472, rs687175, rs535949, and rs174604.

Discussion

Admixture mapping in relation to clinical cardiovascular events at the genome level has not been evaluated to date. Our study examined and found several LEA regions significantly associated with clinical events, such as MI, stroke, CHD, and CVD, among admixed African Americans in a large, population-based cohort. Genome-wide significant LEA regions were detected for MI and the CVD composite. The local ancestry association with MI included a total of 121 LEA regions reaching genome-wide significance and included several SNPs in strong LD with one another ($r^2 > 0.8$). The LEA at these regions was associated with ≈ 2 times higher odds of MI. The top LEA regions were associated with higher odds for all clinical events except in the case of fatal CHD, where they were associated with lower odds of the disease. Furthermore, we found LEA at 20 SNPs to be significantly associated with the clinical events in our study that were reported in previous GWAS.

A review of our top LEA regions found several SNPs that have been associated with either clinical CVD or CVD-related traits. These, with the relevant references, are listed in Table S7 along with SNP associations reported in the literature for some of the previously reported genes. Other than the clinical CV events, majority of the SNP associations are related to lipid markers, followed by body weight measures/BMI, blood pressure, tunica media, inflammatory markers, such as monocyte chemoattractant protein-1, interleukin-10, basophils, fibrinogen, and diagnostic measures. Multiple associations were noted for the sphingosine kinase type 1 (SPHK1)-interacting protein (*SKIP*), inhibitor of DNA-binding 4 (*ID4*), and *DCN* genes, demonstrating that these particular genes are most likely involved in overlapping or complex pathways that lead to manifest disease.

The top LEA regions for the cardiac events, including MI, fatal CHD, and the CHD composite, were located in chromosomes 4, 6, and 2, respectively. These were associated with higher odds of the event, except in the case of fatal CHD. The top LEA region for MI was located downstream of the *GRIA2* gene that encodes for the GluR2 protein, a subunit of the glutamate receptor that is sensitive to AMPA and acts as a ligand-gated cation channel for calcium (Ca^{2+}) and zinc (Zn^{2+}).³¹ Ischemia-induced death of neuronal cells has been associated with increased Ca^{2+} permeability of the channels regulated by the GluR2 subunit.³² Downregulation of the gene and RNA editing has been postulated to change GluR2 ion permeability and subsequently its downstream effects.³³ A study of benign uterine smooth muscle cell tumors also localized the receptor subunits to endothelial cells with a possible role in increased vascularization of the tumor. These findings suggest that the gene may either play a role in

ischemic-reperfusion injury as noted in case of CHD or ischemic injuries as observed during MI or stroke.

The protective association of the LEA region near *HN9* with fatal CHD is supported by several in vitro, in vivo, and clinical studies demonstrating the protective effect of Humanin.³⁴ The Humanin-like 9 peptide is an isoform of Humanin and is highly expressed in heart and kidney muscles.³⁵ Humanin was initially shown to inhibit apoptosis in neuronal cells linked to Alzheimer's disease.³⁶ Later studies revealed similar effects in relation to MI and reperfusion injury, stroke, and diabetes mellitus.^{34,37,38} This peptide has been shown to preserve endothelial function, inhibit inflammatory responses, as well as moderate stress from increases in oxidized LDL cholesterol levels. The effects were also observed early during the atherosclerotic process and has led to the peptide being considered as a potential therapeutic agent.³⁹

The top 2 genes and their regions on chromosome 21, and 2 associated with CHD composite, have not yet been characterized and thus their potential role in the pathogenesis of the disease cannot be elucidated. The *SKIP* protein encoded by the *SKIP* gene regulates SPHK1, which is involved in the phosphorylation of sphingosine to sphingosine-1-phosphate (S1P),⁴⁰ and is an A-kinase anchoring protein present in endothelial and vascular smooth muscle cells (VSMCs), and in high concentrations in heart tissue. *SKIP* is involved in cell proliferation and cell survival, monocyte-endothelial cell adhesion, and calcium homeostasis through SPHK1 and S1P mechanisms, which could potentially lead to heart disease.^{40,41}

The odds of stroke were higher in association with the LEA region upstream of the *ID4* gene. The *ID4* protein binds to the HLH transcription factors and inhibits their binding to DNA.⁴² The HLH proteins are involved in cell growth and differentiation. Messenger RNA (mRNA) expression levels show that *ID4* is expressed, to a certain extent, in the cardiac and VSMCs.⁴¹⁻⁴³ Cyclic adenosine monophosphate (cAMP) mediates downregulation of *ID4* through its downstream effects and inhibits the apoptotic process.⁴³ *ID4* methylation reduces mRNA expressions of transforming growth factor β -1 and vascular endothelial growth factor (VEGF), resulting in reduced angiogenesis. *SKIP*, on the other hand, facilitates cell proliferation and angiogenesis through the cAMP pathway and interaction of S1P with VEGF. The common signaling pathway and downstream effects of *ID4* and *SKIP* suggests that these genes may be part of the same or extended gene network and possibly interact with each other, regulating mechanisms involved in stroke or other CVD events.

The *TMEM192* gene associated with higher odds of the CVD composite encodes for a lysosomal membrane protein that is expressed, to some extent, in heart, brain and skeletal muscles⁴⁴ and was shown to inhibit autophagy and

subsequent apoptosis in a cell-culture study, but the actual function of the gene has not yet been characterized.⁴⁵ The *TES-3* region is also associated with the CVD composite and encodes for the testican-3 protein that has been shown to suppress matrix metalloproteinase-2 (MMP2) activity in cultured cells.^{46,47} MMPs are Ca²⁺- and Zn²⁺-dependent proteases that are involved in several physiological and pathological processes, most important of which is the breakdown of the extracellular matrix.⁴⁸ The role of MMPs in atherosclerosis and CVD is well established and shows that they are involved in cellular and inflammatory responses, including migration and adhesion of immune cells, cytokine/chemokine regulation, angiogenesis as well as cell proliferation, differentiation, and apoptosis.⁴⁸ A recent review provides evidence of the role of MMPs not only in CVD, but also in CVD-related risk factors.⁴⁹ *TES-3* may therefore be 1 of the inhibitors involved in regulation of MMPs and thus modulate the pathophysiological processes involved in CVD.

The association of genetic risk factors with CVD has been extensively studied using candidate gene, GWAS, and meta-analyses approaches. A search of the NHGRI's GWAS catalog alone lists a total of 32 GWAS for clinical CVE, 27 of which were related to MI or CHD, and the remaining 5 related with stroke.²⁸ The SNPs in certain genes, for example, *IRS1*, endothelin receptor type A (*EDNRA*), *DCN*, and *ZFH3*, are frequently associated with CVD or related traits, including our study. Insulin signaling and function was shown to reduce atherosclerosis through the endothelin receptors, whereas downregulation of *DCN* and *ZFH3* were associated with anti-inflammatory/antiapoptotic and perturbed Ca²⁺ homeostasis, respectively.^{50–55} Functional studies are available for a few but future research is needed to ascertain the separate or combined effects of these genes that have been consistently associated with CVEs.

The strength of our study lies in the comprehensive evaluation of local ancestry association with individual as well as composite cardiac and CVEs. We used genome-wide SNP data to estimate local ancestry, which provided higher resolution and allowed us to determine LEA associations at regions that cannot be possibly covered by ancestry informative markers. However, we followed stringent quality control measures (eg, HWE) and excluded SNPs that were not available in HapMap to allow ancestry estimation, which means we may have missed associations with SNPs that were excluded from the current analysis. Even though we may have excluded informative SNPs (eg, low heterozygosity) by using a stringent HWE threshold of $P < 0.001$, we ensured that we had ruled out false positives attributed to genotyping errors. It is possible that this may have also affected our ability to replicate some of the admixture and association results reported in earlier studies.

This study is the first to report the association of LEA regions in relation to clinical CVEs using a genome-wide admixture mapping approach among African Americans. We also present genomic regions associated with CVEs in the admixed population in our study that corroborate with findings from previous association studies in European ancestry populations, suggesting potential ancestry specific associations that might not have been evident from traditional association studies. However, these are initial findings and as such should be considered hypothesis generating. Nonetheless, these findings provide us with an opportunity to explore some new gene regions and pathways, but also necessitate confirmation of some of the previously reported and known genetic associations. Therefore, future studies are needed to replicate the novel associations, detect the causal variants driving these associations, and explore clinical applications for those gene regions consistently associated with CVEs.

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Disclosures

None.

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SUPPLEMENTAL MATERIAL

Table S1. Quality control of genome-wide data among African Americans from the Atherosclerosis Risk in Communities Study

Chromosome	SNPs	Not in HapMap	AT/GC w MAF> 0.35 removed	Total removed	Remaining	Final after removing duplicates
1	56378	6897	1723	8620	47758	47631
2	59559	7275	1930	9205	50354	50220
3	48718	6079	1689	7768	40950	40830
4	44969	6149	1504	7653	37316	37201
5	45001	5794	1535	7329	37672	37554
6	44372	5722	1391	7113	37259	37160
7	37603	4987	1286	6273	31330	31231
8	38807	5081	1319	6400	32407	32308
9	32407	4248	1132	5380	27027	26944
10	37936	4692	1173	5865	32071	31988
11	35411	4377	1137	5514	29897	29801
12	33272	4283	981	5264	28008	27921
13	27149	3657	836	4493	22656	22589
14	22313	2709	676	3385	18928	18863
15	20827	2456	689	3145	17682	17632
16	22154	2658	937	3595	18559	18507
17	16477	1921	508	2429	14048	13994
18	21286	2727	586	3313	17973	17904
19	9460	1163	322	1485	7975	7955
20	18370	2034	570	2604	15766	15725
21	10092	1324	329	1653	8439	8409
22	8905	1164	242	1406	7499	7480
Total	691466	87397	22495	109892	581574	579847

Table S2. Local European Ancestry (LEA) regions associated with myocardial infarction among African Americans from the Atherosclerosis Risk in Communities study (ARIC).

Chromosome	Gene region (Mb)	First SNP	Last SNP	Gene	Odds ratio	95% CI	p
4	158.516 - 158.710	rs11100102	rs1490514	<i>GRIA2,RP11-364P22.1</i>	1.97	1.48 - 2.58	1.45E-06
4	158.721 - 159.262	rs6536256	rs10517686	<i>RP11-364P22.1,FAM198B</i>	1.96	1.48 - 2.58	1.70E-06
4	158.712 - 158.712	rs1036342	rs1036342	<i>RP11-364P22.1</i>	1.96	1.48 - 2.58	1.89E-06
4	158.388 - 158.495	rs17035909	rs6536234	<i>GRIA2</i>	1.96	1.44 - 2.51	2.10E-06
4	160.502 - 162.511	rs6536413	rs12498646	<i>RAPGEF2,FSTL5</i>	1.93	1.44 - 2.5	2.66E-06
4	163.306 - 164.258	rs13113862	rs10019236	<i>FSTL5,NAF1</i>	1.96	1.41 - 2.47	2.73E-06
4	160.277 - 160.405	rs17225089	rs10428456	<i>MIR3688-1,RAPGEF2</i>	1.91	1.44 - 2.48	3.88E-06
4	160.409 - 160.498	rs6824488	rs6816166	<i>RAPGEF2</i>	1.91	1.45 - 2.51	3.88E-06
4	158.226 - 158.307	rs4615228	rs17035816	<i>GLRB</i>	1.92	1.45 - 2.53	3.90E-06
4	158.133 - 158.214	rs1020286	rs4690875	<i>PDGFC,GLRB</i>	1.92	1.45 - 2.52	4.03E-06
4	159.895 - 159.905	rs6815665	rs11100197	<i>PPID,FNIP2</i>	1.90	1.45 - 2.5	4.05E-06
4	159.917 - 160.028	rs4330315	rs4274803	<i>FNIP2</i>	1.90	1.45 - 2.5	4.05E-06
4	160.044 - 160.044	rs3756080	rs3756080	<i>C4orf45,FNIP2</i>	1.90	1.45 - 2.5	4.05E-06
4	160.053 - 160.176	rs4690915	rs17037938	<i>C4orf45</i>	1.90	1.45 - 2.5	4.05E-06
4	159.661 - 159.782	rs4513519	rs4132807	<i>RXFP1</i>	1.90	1.42 - 2.47	4.05E-06
4	159.808 - 159.808	rs7697479	rs7697479	<i>C4orf46</i>	1.90	1.45 - 2.5	4.05E-06
4	157.915 - 158.109	rs17035213	rs4146464	<i>PDGFC</i>	1.92	1.41 - 2.45	4.13E-06
4	159.838 - 159.848	rs12640862	rs4690909	<i>ETFDH</i>	1.90	1.45 - 2.5	4.19E-06
4	158.322 - 158.339	rs17035841	rs17035876	<i>GLRB,GRIA2</i>	1.90	1.44 - 2.51	4.88E-06
4	160.182 - 160.248	rs12331691	rs12639886	<i>C4orf45,MIR3688-1</i>	1.89	1.44 - 2.48	5.10E-06
4	159.399 - 159.661	rs2225239	rs6536351	<i>TMEM144,RXFP1</i>	1.88	1.42 - 2.47	7.82E-06
4	159.318 - 159.348	rs13126694	rs9684078	<i>FAM198B,TMEM144</i>	1.87	1.42 - 2.46	8.46E-06
4	159.356 - 159.394	rs10032178	rs41494044	<i>TMEM144</i>	1.87	1.42 - 2.46	8.46E-06
4	159.278 - 159.312	rs11946222	rs2881373	<i>FAM198B</i>	1.87	1.42 - 2.46	9.01E-06
4	162.539 - 163.298	rs17397014	rs1492464	<i>FSTL5</i>	1.87	1.36 - 2.38	1.06E-05
4	157.112 - 157.886	rs966415	rs17035150	<i>CTSO,PDGFC</i>	1.84	1.35 - 2.35	1.41E-05
4	164.308 - 164.453	rs7670843	rs12645448	<i>NAF1,NPY1R</i>	1.87	1.4 - 2.49	2.05E-05
4	164.268 - 164.307	rs11100481	rs12331663	<i>NAF1</i>	1.87	1.4 - 2.49	2.10E-05
4	164.470 - 164.470	rs7687423	rs7687423	<i>NPY1R</i>	1.86	1.4 - 2.48	2.29E-05
4	164.474 - 164.482	rs6536720	rs4475104	<i>NPY1R,NPY5R</i>	1.86	1.4 - 2.48	2.29E-05
4	164.488 - 164.488	rs7679206	rs7679206	<i>NPY5R</i>	1.86	1.4 - 2.48	2.29E-05
4	164.507 - 164.604	rs10031046	rs7657407	<i>NPY5R,TKTL2</i>	1.86	1.4 - 2.48	2.29E-05
4	166.242 - 166.250	rs12642069	rs17045969	<i>TMEM192</i>	1.85	1.37 - 2.43	2.88E-05
4	166.264 - 166.332	rs12501259	rs4605609	<i>TMEM192,KLHL2</i>	1.85	1.39 - 2.47	2.88E-05
4	166.173 - 166.176	rs12511595	rs13111010	<i>TRIM60</i>	1.82	1.37 - 2.43	4.59E-05
4	166.187 - 166.214	rs11930759	rs4554024	<i>TRIM60,TMEM192</i>	1.82	1.37 - 2.43	4.59E-05
4	166.122 - 166.167	rs7693977	rs6847301	<i>TRIM61,TRIM60</i>	1.82	1.36 - 2.42	4.60E-05
4	165.903 - 165.941	rs17045455	rs9999138	<i>LINC01207</i>	1.82	1.36 - 2.42	4.71E-05
4	166.112 - 166.117	rs10517825	rs7673304	<i>TRIM61</i>	1.82	1.35 - 2.41	4.73E-05
4	156.974 - 156.997	rs1968783	rs12647431	<i>ASIC5</i>	1.79	1.35 - 2.36	4.90E-05
4	156.961 - 156.966	rs10032771	rs17033590	<i>GUCY1B3,ASIC5</i>	1.79	1.35 - 2.36	5.02E-05

4	157.046 - 157.061	rs3796551	rs10517627	<i>TDO2</i>	1.78	1.34 - 2.35	5.04E-05
4	157.068 - 157.093	rs6856354	rs7665438	<i>CTSO</i>	1.78	1.35 - 2.35	5.04E-05
4	165.534 - 165.880	rs3899632	rs4280690	<i>MARCH1,LINC01207</i>	1.82	1.31 - 2.33	5.27E-05
4	157.012 - 157.043	rs2169108	rs10857287	<i>ASIC5,TDO2</i>	1.78	1.34 - 2.34	5.30E-05
4	155.970 - 156.347	rs409891	rs10212938	<i>RBM46,NPY2R</i>	1.78	1.31 - 2.29	5.35E-05
4	156.830 - 156.864	rs10008284	rs9993460	<i>GUCY1A3</i>	1.78	1.3 - 2.28	5.38E-05
4	156.905 - 156.940	rs17033482	rs2305981	<i>GUCY1B3</i>	1.78	1.34 - 2.35	5.74E-05
4	156.882 - 156.891	rs7661771	rs4691073	<i>GUCY1A3,GUCY1B3</i>	1.78	1.34 - 2.35	5.80E-05
4	166.017 - 166.031	rs2068792	rs13144179	<i>APELA</i>	1.80	1.35 - 2.4	5.91E-05
4	166.073 - 166.081	rs17487295	rs4443238	<i>APELA,TRIM61</i>	1.80	1.35 - 2.41	5.91E-05
4	165.945 - 166.016	rs17045582	rs17045712	<i>LINC01207,APELA</i>	1.80	1.35 - 2.4	5.96E-05
4	154.302 - 154.473	rs11099873	rs2405967	<i>TRIM2</i>	1.80	1.32 - 2.35	7.67E-05
4	156.369 - 156.470	rs2342653	rs10008006	<i>NPY2R,MAP9</i>	1.76	1.32 - 2.31	7.98E-05
4	156.482 - 156.517	rs17032846	rs17032944	<i>MAP9</i>	1.76	1.33 - 2.33	7.98E-05
4	156.520 - 156.804	rs7673215	rs41483149	<i>MAP9,GUCY1A3</i>	1.76	1.33 - 2.33	7.98E-05
4	166.485 - 166.513	rs6817186	rs7666557	<i>MSMO1,CPE</i>	1.77	1.32 - 2.34	8.63E-05
4	166.524 - 166.639	rs6855889	rs17046561	<i>CPE</i>	1.76	1.32 - 2.33	9.92E-05
4	156.351 - 156.357	rs10461238	rs17304901	<i>NPY2R</i>	1.74	1.32 - 2.31	9.99E-05
4	164.665 - 165.498	rs17576350	rs12506846	<i>MARCH1</i>	1.78	1.31 - 2.34	1.03E-04
4	154.481 - 154.483	rs6838185	rs11942354	<i>TRIM2,MND1</i>	1.77	1.33 - 2.36	1.09E-04
4	154.498 - 154.550	rs6535915	rs9999069	<i>MND1</i>	1.77	1.33 - 2.36	1.09E-04
4	166.376 - 166.432	rs17842699	rs4588420	<i>KLHL2</i>	1.76	1.32 - 2.35	1.12E-04
4	166.418 - 166.418	rs10016586	rs10016586	<i>GK3P</i>	1.76	1.32 - 2.34	1.12E-04
4	166.472 - 166.482	rs17686351	rs1059209	<i>MSMO1</i>	1.76	1.32 - 2.34	1.12E-04
4	166.646 - 167.012	rs1530044	rs719753	<i>CPE,TLI1</i>	1.75	1.3 - 2.29	1.15E-04
4	152.904 - 153.449	rs2089811	rs7678272	<i>PET112,FBXW7</i>	1.76	1.3 - 2.32	1.19E-04
4	153.767 - 153.821	rs3922934	rs6851146	<i>TMEM154</i>	1.76	1.29 - 2.3	1.22E-04
4	153.824 - 153.902	rs4076085	rs6817172	<i>TMEM154,TIGD4</i>	1.76	1.32 - 2.35	1.22E-04
4	155.923 - 155.951	rs156548	rs12511123	<i>RBM46</i>	1.73	1.3 - 2.29	1.25E-04
4	154.122 - 154.292	rs6851926	rs7699656	<i>FHDC1,TRIM2</i>	1.77	1.29 - 2.31	1.32E-04
4	155.633 - 155.668	rs17301943	rs10008078	<i>DCHS2,PLRG1</i>	1.73	1.3 - 2.28	1.37E-04
4	155.374 - 155.628	rs17031277	rs871540	<i>DCHS2</i>	1.73	1.22 - 2.17	1.43E-04
4	155.896 - 155.919	rs156500	rs156543	<i>LRAT,RBM46</i>	1.73	1.28 - 2.25	1.43E-04
4	164.612 - 164.612	rs11735477	rs11735477	<i>TKTL2</i>	1.75	1.31 - 2.34	1.51E-04
4	164.629 - 164.630	rs1073547	rs10034495	<i>TKTL2,TMA16</i>	1.75	1.31 - 2.34	1.51E-04
4	164.635 - 164.655	rs2276978	rs12500221	<i>TMA16</i>	1.75	1.31 - 2.34	1.51E-04
4	152.422 - 152.432	rs17027505	rs11734518	<i>PRSS48</i>	1.75	1.3 - 2.31	1.51E-04
4	152.440 - 152.530	rs6852223	rs4696259	<i>PRSS48,FAM160A1</i>	1.75	1.31 - 2.33	1.51E-04
4	152.555 - 152.793	rs2709812	rs10010061	<i>FAM160A1</i>	1.75	1.31 - 2.33	1.53E-04
4	152.808 - 152.809	rs9683731	rs11723643	<i>FAM160A1,PET112</i>	1.75	1.31 - 2.33	1.53E-04
4	152.812 - 152.900	rs7696468	rs3805356	<i>PET112</i>	1.75	1.31 - 2.33	1.53E-04
21	16.915 - 17.727	rs2823911	rs1689155	<i>C21orf35,C21orf37</i>	1.75	1.21 - 2.15	1.53E-04
4	153.701 - 153.765	rs7679788	rs6841598	<i>DKFZP434I0714,TMEM154</i>	1.75	1.31 - 2.33	1.59E-04
4	154.082 - 154.120	rs1474028	rs4696373	<i>FHDC1</i>	1.75	1.28 - 2.28	1.64E-04

4	153.935 - 154.048	rs4305500	rs7657160	<i>ARFIP1</i>	1.74	1.3 - 2.32	1.65E-04
4	151.224 - 151.385	rs11099754	rs1531335	<i>DCLK2</i>	1.73	1.27 - 2.26	1.84E-04
4	152.384 - 152.412	rs7699574	rs10016704	<i>SH3D19,PRSS48</i>	1.73	1.3 - 2.3	1.84E-04
4	152.167 - 152.232	rs4696648	rs6535763	<i>LRBA,RPS3A</i>	1.73	1.3 - 2.3	1.95E-04
4	152.243 - 152.243	rs4696658	rs4696658	<i>RPS3A</i>	1.73	1.3 - 2.3	1.95E-04
4	152.245 - 152.245	rs7656771	rs7656771	<i>RPS3A,SNORD73A</i>	1.73	1.3 - 2.3	1.95E-04
4	152.258 - 152.258	rs6535764	rs6535764	<i>RPS3A,SH3D19</i>	1.73	1.3 - 2.3	1.95E-04
4	152.263 - 152.360	rs2897661	rs2407412	<i>SH3D19</i>	1.73	1.3 - 2.3	1.95E-04
4	153.471 - 153.670	rs10033601	rs17028963	<i>FBXW7</i>	1.73	1.3 - 2.31	2.00E-04
4	151.410 - 152.137	rs13134607	rs17027240	<i>LRBA</i>	1.72	1.29 - 2.29	2.05E-04
4	155.764 - 155.880	rs7654093	rs12512714	<i>FGG,LRAT</i>	1.71	1.28 - 2.25	2.10E-04
4	151.401 - 151.402	rs6850249	rs4696646	<i>DCLK2,LRBA</i>	1.72	1.29 - 2.29	2.16E-04
4	154.567 - 154.605	rs13116293	rs7688335	<i>MND1,KIAA0922</i>	1.73	1.29 - 2.31	2.23E-04
4	155.893 - 155.893	rs17032002	rs201820	<i>LRAT</i>	1.70	1.28 - 2.25	2.30E-04
21	17.738 - 17.743	rs2824300	rs2824308	<i>C21orf37</i>	1.72	1.29 - 2.3	2.34E-04
21	17.908 - 18.057	rs928248	rs2824482	<i>BTG3,C21orf91-OT1</i>	1.72	1.27 - 2.26	2.38E-04
4	167.246 - 167.889	rs1391335	rs11943562	<i>TLL1,TES-3</i>	1.71	1.27 - 2.25	2.46E-04
21	18.114 - 18.128	rs10446073	rs2824504	<i>C21orf91,CHODL-AS1</i>	1.71	1.28 - 2.28	2.54E-04
21	18.135 - 18.177	rs2824507	rs2824532	<i>CHODL-AS1</i>	1.71	1.28 - 2.29	2.54E-04
4	149.594 - 151.212	rs6535607	rs4835618	<i>NR3C2,DCLK2</i>	1.71	1.17 - 2.1	2.56E-04
4	155.724 - 155.724	rs2070022	rs2070022	<i>FGA</i>	1.69	1.28 - 2.24	2.65E-04
4	154.059 - 154.079	rs13108540	rs2004794	<i>ARFIP1,FHDC1</i>	1.71	1.28 - 2.28	2.66E-04
4	154.611 - 154.773	rs1836400	rs11099892	<i>KIAA0922</i>	1.71	1.28 - 2.29	2.67E-04
4	155.700 - 155.700	rs4333166	rs4333166	<i>PLRG1,FGB</i>	1.69	1.27 - 2.24	2.72E-04
4	155.710 - 155.712	rs4681	rs2059503	<i>FGB</i>	1.69	1.27 - 2.24	2.72E-04
21	17.752 - 17.799	rs2824318	rs2776068	<i>C21orf37,CXADR</i>	1.71	1.28 - 2.28	2.76E-04
10	123.491 - 123.651	rs1874664	rs2420970	<i>ATE1</i>	1.69	1.22 - 2.15	2.82E-04
10	123.692 - 123.697	rs11594070	rs7906271	<i>ATE1,NSMCE4A</i>	1.69	1.27 - 2.25	2.82E-04
21	16.366 - 16.892	rs11911247	rs2823901	<i>C21orf35</i>	1.70	1.15 - 2.07	2.83E-04
21	18.087 - 18.089	rs2824493	rs2258119	<i>C21orf91</i>	1.71	1.28 - 2.28	2.84E-04
21	17.817 - 17.880	rs7283586	rs2824376	<i>CXADR</i>	1.70	1.27 - 2.26	2.96E-04
10	123.705 - 123.705	rs7095093	rs7095093	<i>NSMCE4A</i>	1.69	1.27 - 2.24	3.02E-04
10	123.740 - 124.004	rs4752630	rs12262185	<i>TACC2</i>	1.69	1.27 - 2.23	3.07E-04
4	167.018 - 167.241	rs6821864	rs2279724	<i>TLL1</i>	1.69	1.26 - 2.23	3.14E-04
4	154.939 - 155.365	rs1456390	rs4696539	<i>SFRP2,DCHS2</i>	1.70	1.26 - 2.25	3.16E-04
10	123.736 - 123.736	rs2420976	rs2420976	<i>NSMCE4A,TACC2</i>	1.68	1.27 - 2.23	3.36E-04
21	18.216 - 18.561	rs17002193	rs1051530	<i>CHODL</i>	1.69	1.27 - 2.26	3.42E-04
4	169.654 - 170.085	rs2710835	rs1071738	<i>PALLD</i>	1.68	1.22 - 2.15	3.49E-04
4	170.111 - 170.137	rs13116548	rs2331450	<i>PALLD,CBR4</i>	1.67	1.26 - 2.22	3.57E-04
21	18.181 - 18.210	rs2824534	rs2824545	<i>CHODL-AS1,CHODL</i>	1.69	1.26 - 2.25	3.59E-04
4	170.160 - 170.162	rs1870306	rs11722048	<i>CBR4</i>	1.67	1.26 - 2.22	3.83E-04
4	154.850 - 154.897	rs2405432	rs6857680	<i>RNF175</i>	1.69	1.26 - 2.25	4.00E-04
4	154.902 - 154.919	rs6841173	rs11099910	<i>RNF175,SFRP2</i>	1.68	1.26 - 2.25	4.13E-04
4	154.923 - 154.930	rs17030434	rs11937424	<i>SFRP2</i>	1.68	1.26 - 2.25	4.13E-04

4	154.778 - 154.810	rs7687239	rs6814974	<i>KIAA0922,TLR2</i>	1.68	1.26 - 2.25	4.14E-04
4	154.844 - 154.847	rs3804099	rs7656411	<i>TLR2</i>	1.68	1.26 - 2.25	4.20E-04
4	170.257 - 170.423	rs2706744	rs4692702	<i>SH3RF1</i>	1.66	1.25 - 2.2	4.53E-04
4	170.172 - 170.250	rs1458292	rs17626617	<i>CBR4,SH3RF1</i>	1.66	1.24 - 2.18	4.73E-04
4	169.395 - 169.471	rs6552559	rs6846811	<i>DDX60</i>	1.66	1.25 - 2.21	4.96E-04
4	169.255 - 169.334	rs10440504	rs41339946	<i>ANXA10</i>	1.66	1.24 - 2.2	5.10E-04
4	169.357 - 169.370	rs13108899	rs9685866	<i>ANXA10,DDX60</i>	1.66	1.25 - 2.21	5.10E-04
4	170.916 - 171.059	rs12507746	rs4627819	<i>C4orf27,RP11-205M3.3</i>	1.65	1.22 - 2.15	5.14E-04
21	18.702 - 18.853	rs2824810	rs1740142	<i>TMPRSS15,AL109763.2</i>	1.67	1.24 - 2.22	5.29E-04
10	123.364 - 123.488	rs1649179	rs11200120	<i>FGFR2,ATE1</i>	1.65	1.15 - 2.03	5.32E-04
4	169.480 - 169.485	rs605593	rs588919	<i>DDX60,DDX60L</i>	1.65	1.24 - 2.2	5.46E-04
4	168.398 - 169.248	rs17600543	rs6845007	<i>TES-3,ANXA10</i>	1.65	1.19 - 2.1	5.68E-04
21	18.573 - 18.693	rs17698445	rs2824806	<i>TMPRSS15</i>	1.67	1.19 - 2.14	5.80E-04
4	169.515 - 169.635	rs496945	rs2634959	<i>DDX60L</i>	1.65	1.24 - 2.19	6.02E-04
21	18.873 - 19.052	rs17002710	rs11702521	<i>AL109763.2</i>	1.67	1.24 - 2.23	6.11E-04
21	19.062 - 21.033	rs2825080	rs7283057	<i>AL109763.2,LINC00320</i>	1.67	1.24 - 2.24	6.41E-04
7	107.578 - 107.875	rs7792996	rs2300052	<i>NRCAM</i>	0.55	0.4 - 0.8	7.64E-04
4	171.264 - 172.177	rs6822866	rs6819553	<i>AADAT,RP11-344G13.1</i>	1.62	1.21 - 2.12	7.79E-04
4	171.143 - 171.181	rs17055345	rs12646523	<i>MFAP3L</i>	1.62	1.22 - 2.14	7.83E-04
4	171.195 - 171.202	rs7657455	rs12647236	<i>MFAP3L,AADAT</i>	1.62	1.22 - 2.15	7.83E-04
4	169.641 - 169.651	rs2712126	rs6819953	<i>DDX60L,PALLD</i>	1.62	1.22 - 2.15	8.32E-04
4	171.080 - 171.131	rs4076681	rs4622960	<i>RP11-205M3.3</i>	1.62	1.22 - 2.15	8.63E-04
4	171.136 - 171.136	rs17055337	rs17055337	<i>RP11-205M3.3,MFAP3L</i>	1.62	1.22 - 2.14	8.87E-04
4	171.221 - 171.246	rs4145964	rs991247	<i>AADAT</i>	1.61	1.21 - 2.13	9.34E-04
4	170.888 - 170.907	rs4692741	rs7690466	<i>C4orf27</i>	1.62	1.21 - 2.14	9.42E-04
4	170.779 - 170.871	rs12331279	rs2877448	<i>CLCN3</i>	1.61	1.21 - 2.14	9.86E-04
4	170.551 - 170.740	rs13212	rs4342158	<i>NEK1</i>	1.61	1.21 - 2.14	0.001
4	170.772 - 170.776	rs10008853	rs11935607	<i>NEK1,CLCN3</i>	1.61	1.21 - 2.14	0.001
4	170.439 - 170.538	rs7683893	rs13152305	<i>SH3RF1,NEK1</i>	1.61	1.21 - 2.14	0.001
4	167.892 - 168.390	rs3762244	rs7657608	<i>TES-3</i>	1.61	1.21 - 2.14	0.001
7	107.451 - 107.552	rs1614188	rs7794978	<i>LAMB4</i>	0.57	0.41 - 0.81	0.001
7	107.563 - 107.570	rs17155045	rs7795932	<i>LAMB4,NRCAM</i>	0.57	0.4 - 0.8	0.001
7	107.885 - 107.893	rs3763462	rs12538539	<i>NRCAM,PNPLA8</i>	0.57	0.4 - 0.8	0.001
7	107.898 - 107.956	rs17134769	rs40899	<i>PNPLA8</i>	0.57	0.4 - 0.8	0.001
2	224.614 - 224.949	rs1438831	rs7575253	<i>SERPINE2,FAM124B</i>	1.61	1.16 - 2.07	0.001
7	107.352 - 107.431	rs7797759	rs3814473	<i>LAMB1</i>	0.57	0.4 - 0.8	0.001
7	107.960 - 107.988	rs17155881	rs2240449	<i>PNPLA8,THAP5</i>	0.57	0.4 - 0.8	0.001
7	107.989 - 107.993	rs2190403	rs40947	<i>THAP5</i>	0.57	0.4 - 0.8	0.001
7	107.998 - 107.998	rs10270723	rs10270723	<i>DNAJB9</i>	0.57	0.4 - 0.8	0.001
7	108.006 - 108.309	rs12666562	rs848405	<i>DNAJB9,C7orf66</i>	0.57	0.4 - 0.8	0.001
7	107.232 - 107.315	rs6466185	rs6965674	<i>SLC26A3,DLD</i>	0.57	0.44 - 0.85	0.001
7	107.330 - 107.332	rs7779702	rs17412104	<i>DLD</i>	0.57	0.4 - 0.8	0.001
7	107.432 - 107.448	rs3814475	rs1636942	<i>LAMB1,LAMB4</i>	0.57	0.41 - 0.81	0.001
2	225.342 - 225.610	rs1565073	rs367427	<i>DOCK10</i>	1.59	1.19 - 2.12	0.002

2	224.987 - 225.040	rs7605583	rs17407839	<i>FAM124B,CUL3</i>	1.59	1.18 - 2.11	0.002
2	225.043 - 225.149	rs4674908	rs1542789	<i>CUL3</i>	1.59	1.19 - 2.12	0.002
2	225.163 - 225.332	rs11900637	rs10199780	<i>CUL3,DOCK10</i>	1.59	1.19 - 2.12	0.002
21	18.562 - 18.562	rs2051359	rs2051359	<i>CHODL,TMPRSS15</i>	1.59	1.19 - 2.13	0.002
2	224.532 - 224.536	rs13022402	rs13001719	<i>MRPL44</i>	1.58	1.17 - 2.09	0.002
2	224.953 - 224.972	rs3738954	rs7569573	<i>FAM124B</i>	1.58	1.18 - 2.11	0.002
2	224.544 - 224.545	rs16865368	rs12694624	<i>MRPL44,SERPINE2</i>	1.58	1.18 - 2.1	0.002
2	224.547 - 224.608	rs6736436	rs7579475	<i>SERPINE2</i>	1.58	1.18 - 2.1	0.002
10	124.025 - 124.083	rs7893461	rs10788281	<i>BTBD16</i>	1.55	1.17 - 2.05	0.002
10	123.230 - 123.344	rs1649202	rs3135715	<i>FGFR2</i>	1.56	1.15 - 2.03	0.002
1	239.009 - 239.579	rs10926354	rs10926464	<i>RGS7</i>	0.58	0.49 - 0.96	0.002
4	149.220 - 149.577	rs5534	rs2070949	<i>NR3C2</i>	1.57	1.07 - 1.9	0.002
2	224.421 - 224.447	rs1401386	rs633956	<i>APIS3,WDFY1</i>	1.57	1.17 - 2.09	0.002
2	224.449 - 224.498	rs10498155	rs13018551	<i>WDFY1</i>	1.57	1.17 - 2.09	0.002
2	224.522 - 224.524	rs6734908	rs10196123	<i>WDFY1,MRPL44</i>	1.57	1.17 - 2.09	0.002
10	124.005 - 124.019	rs10887112	rs10749454	<i>TACC2,BTBD16</i>	1.55	1.17 - 2.05	0.002
2	224.333 - 224.406	rs16865167	rs12373774	<i>APIS3</i>	1.56	1.16 - 2.07	0.002
9	461.158 - 730.592	rs876577	rs2296050	<i>KANK1</i>	0.60	0.43 - 0.84	0.002
9	365.87 - 918.57	rs10814410	rs9408752	<i>FAM138C,FOXD4</i>	0.60	0.43 - 0.84	0.003
9	152.695 - 152.695	rs2810979	rs2810979	<i>CBWD1</i>	0.60	0.43 - 0.84	0.003
9	182.129 - 182.129	rs3008131	rs3008131	<i>CBWD1,C9orf66</i>	0.60	0.43 - 0.84	0.003
9	207.826 - 456.148	rs10964703	rs10815025	<i>DOCK8</i>	0.60	0.43 - 0.84	0.003
9	456.816 - 459.265	rs4742002	rs10974644	<i>DOCK8,KANK1</i>	0.60	0.43 - 0.84	0.003
2	224.177 - 224.323	rs16864985	rs600257	<i>SCG2,APIS3</i>	1.55	1.15 - 2.04	0.003
21	16.028 - 16.174	rs926612	rs9982630	<i>USP25</i>	1.56	1.15 - 2.06	0.003
21	16.182 - 16.360	rs16990799	rs2823592	<i>USP25,C21orf35</i>	1.56	1.16 - 2.08	0.003
21	21.100 - 21.287	rs17003734	rs9980476	<i>LINC00320,NCAM2</i>	1.58	1.17 - 2.12	0.003
7	106.339 - 106.457	rs849414	rs6946733	<i>PIK3CG,PRKAR2B</i>	0.61	0.44 - 0.85	0.003
2	223.638 - 224.168	rs9283537	rs6706287	<i>KCNE4,SCG2</i>	1.54	1.04 - 1.86	0.003
9	830.971 - 957.606	rs942073	rs12336949	<i>DMRT1</i>	0.61	0.44 - 0.85	0.003
9	737.276 - 830.501	rs16923299	rs12340997	<i>KANK1,DMRT1</i>	0.61	0.44 - 0.85	0.003
10	124.204 - 124.205	rs2736911	rs3750848	<i>ARMS2</i>	1.53	1.15 - 2.03	0.003
10	124.267 - 124.295	rs2736928	rs6606641	<i>HTRA1,DMBT1</i>	1.53	1.15 - 2.03	0.003
10	124.312 - 124.389	rs2981756	rs2261655	<i>DMBT1</i>	1.53	1.15 - 2.03	0.003
10	124.213 - 124.265	rs2248799	rs2736927	<i>HTRA1</i>	1.53	1.15 - 2.03	0.003
10	124.099 - 124.119	rs6585821	rs11200589	<i>BTBD16,PLEKHAI</i>	1.53	1.15 - 2.03	0.003
7	106.292 - 106.337	rs4727666	rs849412	<i>PIK3CG</i>	0.61	0.45 - 0.87	0.003
2	225.618 - 225.965	rs7574055	rs997079	<i>DOCK10,NYAP2</i>	1.54	1.15 - 2.04	0.003
10	124.128 - 124.182	rs11200591	rs10510111	<i>PLEKHAI</i>	1.53	1.15 - 2.03	0.003
10	124.183 - 124.185	rs2280141	rs4752695	<i>PLEKHAI,ARMS2</i>	1.53	1.15 - 2.03	0.003
21	21.043 - 21.084	rs461016	rs2826520	<i>LINC00320</i>	1.56	1.16 - 2.1	0.003
2	224.174 - 224.174	rs2894511	rs1017448	<i>SCG2</i>	1.53	1.15 - 2.04	0.003
7	108.317 - 109.385	rs3922355	rs3114834	<i>C7orf66,EIF3IP1</i>	0.60	0.43 - 0.85	0.004
7	107.093 - 107.137	rs7799849	rs17154353	<i>SLC26A4</i>	0.61	0.44 - 0.85	0.004

7	106.474 - 106.581	rs997381	rs1981696	<i>PRKAR2B</i>	0.61	0.44 - 0.85	0.004
2	225.978 - 226.218	rs9288606	rs12694674	<i>NYAP2</i>	1.53	1.15 - 2.04	0.004
10	122.800 - 123.225	rs2420902	rs10749418	<i>MIR5694,FGFR2</i>	1.52	1.1 - 1.95	0.004
7	107.007 - 107.049	rs12534598	rs2894475	<i>BCAP29</i>	0.61	0.44 - 0.85	0.004
7	107.147 - 107.169	rs2028030	rs13224313	<i>SLC26A4,CBLL1</i>	0.61	0.44 - 0.85	0.004
7	107.173 - 107.183	rs7782475	rs4730259	<i>CBLL1</i>	0.61	0.44 - 0.85	0.004
7	107.202 - 107.231	rs2894467	rs2301988	<i>SLC26A3</i>	0.61	0.44 - 0.85	0.004
7	108.312 - 108.312	rs10278613	rs848400	<i>C7orf66</i>	0.60	0.43 - 0.85	0.004
7	107.086 - 107.086	rs2701684	rs2701685	<i>SLC26A4-AS1</i>	0.61	0.44 - 0.85	0.004
9	985.023 - 1.032	rs7042031	rs2279986	<i>DMRT3,DMRT2</i>	0.61	0.44 - 0.85	0.004
7	106.992 - 107.003	rs2253833	rs10276604	<i>DUS4L</i>	0.61	0.44 - 0.85	0.004
21	15.362 - 16.021	rs2823032	rs7277807	<i>NRIP1,USP25</i>	1.54	1.01 - 1.83	0.004
2	226.229 - 226.332	rs10179260	rs1446461	<i>NYAP2,MIR548AR</i>	1.53	1.14 - 2.03	0.004
2	226.343 - 226.714	rs6709099	rs6736674	<i>MIR548AR,LOC646736</i>	1.53	1.15 - 2.03	0.004
9	975.569 - 982.574	rs12005831	rs10114253	<i>DMRT3</i>	0.61	0.44 - 0.86	0.004
10	124.455 - 124.503	rs4980233	rs2153670	<i>C10orf120,DMBTIP1</i>	1.52	1.14 - 2.02	0.004
10	124.446 - 124.447	rs3019498	rs2901343	<i>C10orf120</i>	1.52	1.14 - 2.01	0.004
1	243.105 - 243.192	rs9725312	rs12139861	<i>HNRNPU,EFCAB2</i>	0.60	0.44 - 0.88	0.004
7	106.634 - 106.989	rs2237659	rs2237677	<i>COG5</i>	0.61	0.44 - 0.86	0.004
7	106.591 - 106.592	rs257382	rs257384	<i>PRKAR2B,HBPI</i>	0.61	0.44 - 0.86	0.004
7	106.601 - 106.615	rs4730223	rs10953531	<i>HBPI</i>	0.61	0.44 - 0.86	0.004
10	121.708 - 121.708	rs11199134	rs11199134	<i>MIR4682</i>	1.51	1.14 - 2	0.004
19	3.251 - 3.305	rs453679	rs4807451	<i>CELF5,NFIC</i>	0.58	0.42 - 0.87	0.004
10	121.670 - 121.691	rs2271124	rs3981102	<i>SEC23IP</i>	1.51	1.11 - 1.96	0.004
10	121.695 - 121.705	rs7071594	rs10736277	<i>SEC23IP,MIR4682</i>	1.51	1.14 - 2	0.004
9	1.040 - 1.047	rs7869989	rs4741030	<i>DMRT2</i>	0.62	0.44 - 0.86	0.004
9	1.048 - 2.001	rs10809101	rs10757112	<i>DMRT2,SMARCA2</i>	0.62	0.44 - 0.86	0.004
10	124.404 - 124.445	rs7921534	rs11248359	<i>DMBT1,C10orf120</i>	1.51	1.13 - 2	0.005
19	3.315 - 3.397	rs758257	rs11085020	<i>NFIC</i>	0.58	0.4 - 0.85	0.005
7	106.096 - 106.288	rs342189	rs6466135	<i>CCDC71L,PIK3CG</i>	0.62	0.45 - 0.88	0.005
2	227.318 - 227.371	rs13431179	rs3731597	<i>IRS1</i>	1.51	1.13 - 2.01	0.005
19	2.874 - 2.874	rs4807364	rs4807364	<i>ZNF57,ZNF77</i>	0.59	0.4 - 0.85	0.005
19	2.885 - 2.885	rs3746073	rs3746073	<i>ZNF77</i>	0.59	0.4 - 0.85	0.005
9	37.917 - 38.052	rs12000263	rs12351815	<i>SHB</i>	0.62	0.45 - 0.87	0.005
2	226.756 - 227.219	rs2943653	rs12474317	<i>LOC646736,MIR5702</i>	1.51	1.12 - 2	0.005
19	2.853 - 2.863	rs4061136	rs8107303	<i>ZNF57</i>	0.59	0.41 - 0.85	0.005
19	2.837 - 2.848	rs2317031	rs10853962	<i>ZNF556,ZNF57</i>	0.59	0.41 - 0.86	0.005
19	2.947 - 2.947	rs493839	rs493839	<i>TLE6</i>	0.59	0.4 - 0.85	0.005
10	121.709 - 122.203	rs3847496	rs10886690	<i>MIR4682,PPAPDC1A</i>	1.50	1.12 - 1.97	0.005
2	227.234 - 227.298	rs2178707	rs2251692	<i>MIR5702,IRS1</i>	1.51	1.12 - 2	0.005
19	2.898 - 2.904	rs4806891	rs11666431	<i>ZNF77,TLE6</i>	0.59	0.41 - 0.85	0.005
9	38.069 - 38.378	rs1999095	rs7031628	<i>SHB,ALDH1B1</i>	0.63	0.46 - 0.89	0.005
9	37.879 - 37.894	rs2025439	rs7874361	<i>SLC25A51</i>	0.63	0.45 - 0.87	0.005
9	37.895 - 37.895	rs16934592	rs16934592	<i>SLC25A51,SHB</i>	0.63	0.45 - 0.87	0.005

2	227.748 - 227.839	rs16823282	rs11677877	<i>COL4A3</i>	1.51	1.13 - 2.02	0.006
2	227.794 - 227.893	rs12620653	rs11687981	<i>AC097662.2</i>	1.51	1.13 - 2.02	0.006
9	37.861 - 37.876	rs776024	rs10973596	<i>DCAF10,SLC25A51</i>	0.63	0.45 - 0.87	0.006
2	227.413 - 227.567	rs4673171	rs10210997	<i>RHBDD1</i>	1.51	1.11 - 2	0.006
2	227.376 - 227.400	rs13423855	rs4675099	<i>IRS1,RHBDD1</i>	1.51	1.11 - 1.99	0.006
2	227.575 - 227.732	rs1054413	rs2222869	<i>COL4A4</i>	1.51	1.13 - 2.02	0.006
4	172.199 - 172.202	rs17056407	rs17056413	<i>RP11-344G13.1</i>	1.48	1.12 - 1.96	0.006
4	172.226 - 172.327	rs11723301	rs6816290	<i>RP11-344G13.1,MIR6082</i>	1.48	1.12 - 1.96	0.006
19	2.819 - 2.830	rs550535	rs10409626	<i>ZNF556</i>	0.59	0.41 - 0.86	0.006
10	124.510 - 124.546	rs10510114	rs12220035	<i>DMBT1P1</i>	1.50	1.12 - 1.99	0.006
19	2.797 - 2.802	rs4806877	rs11880407	<i>ZNF555</i>	0.59	0.41 - 0.86	0.006
7	105.715 - 106.080	rs11977021	rs10953515	<i>NAMPT,CCDC71L</i>	0.63	0.49 - 0.94	0.006
4	147.085 - 147.245	rs7659884	rs17021043	<i>ZNF827,LINC01095</i>	1.50	1.11 - 1.98	0.006
4	146.910 - 147.063	rs10020750	rs2135962	<i>ZNF827</i>	1.50	1.11 - 1.99	0.006
9	37.793 - 37.848	rs966494	rs16934508	<i>DCAF10</i>	0.63	0.45 - 0.88	0.006
19	2.774 - 2.787	rs6510704	rs1029845	<i>ZNF554</i>	0.59	0.42 - 0.89	0.006
7	106.087 - 106.087	rs2286149	rs2286149	<i>CCDC71L</i>	0.63	0.45 - 0.88	0.006
9	37.640 - 37.733	rs7021824	rs12551499	<i>FRMPD1</i>	0.63	0.46 - 0.89	0.006
9	37.739 - 37.739	rs10511944	rs10511944	<i>FRMPD1,TRMT10B</i>	0.63	0.45 - 0.88	0.006
9	37.745 - 37.765	rs10814618	rs4878174	<i>TRMT10B</i>	0.63	0.45 - 0.88	0.006
9	37.771 - 37.772	rs3827515	rs10973540	<i>EXOSC3</i>	0.63	0.45 - 0.88	0.006
9	37.778 - 37.789	rs10973545	rs7049213	<i>EXOSC3,DCAF10</i>	0.63	0.45 - 0.88	0.006
19	4.137 - 4.145	rs2159981	rs352509	<i>ANKRD24</i>	0.60	0.41 - 0.86	0.006
19	4.202 - 4.219	rs1045750	rs4807564	<i>CCDC94</i>	0.60	0.41 - 0.86	0.006
4	172.346 - 172.962	rs11942495	rs7678453	<i>MIR6082,GALNTL6</i>	1.48	1.12 - 1.96	0.006
2	226.726 - 226.733	rs2972132	rs16866869	<i>LOC646736</i>	1.49	1.12 - 1.99	0.006
9	36.823 - 37.024	rs11998791	rs3758180	<i>PAX5</i>	0.63	0.48 - 0.93	0.007
19	4.259 - 4.263	rs11669091	rs3745989	<i>FSD1</i>	0.60	0.41 - 0.87	0.007
19	4.293 - 4.297	rs3810367	rs8102860	<i>MPND</i>	0.60	0.41 - 0.87	0.007
19	4.326 - 4.342	rs11085073	rs243409	<i>SH3GL1</i>	0.60	0.41 - 0.87	0.007
21	22.045 - 22.089	rs2826984	rs2827040	<i>AP000475.2</i>	1.52	1.11 - 2.03	0.007
21	22.094 - 22.293	rs11088882	rs2827206	<i>AP000475.2,AP000472.2</i>	1.52	1.12 - 2.06	0.007
4	146.703 - 146.758	rs9308190	rs2242370	<i>SMAD1,MMAA</i>	1.49	1.09 - 1.94	0.007
4	146.759 - 146.798	rs1497125	rs17020500	<i>MMAA</i>	1.49	1.12 - 1.99	0.007
19	4.252 - 4.252	rs918484	rs918484	<i>TMIGD2</i>	0.60	0.41 - 0.87	0.007
19	6.259 - 6.278	rs7258219	rs10402580	<i>ACER1</i>	0.61	0.42 - 0.87	0.007
19	6.289 - 6.289	rs10425427	rs10425427	<i>ACER1,CLPP</i>	0.61	0.42 - 0.87	0.007
19	6.313 - 6.315	rs7253024	rs7260547	<i>CLPP</i>	0.61	0.42 - 0.87	0.007
19	6.343 - 6.343	rs2304196	rs2247785	<i>GTF2F1</i>	0.61	0.42 - 0.87	0.007
19	6.353 - 6.357	rs6510896	rs7259894	<i>GTF2F1,KHSRP</i>	0.61	0.42 - 0.87	0.007
19	6.232 - 6.246	rs11881034	rs6510888	<i>MLLTI,ACER1</i>	0.61	0.43 - 0.88	0.007
9	2.008 - 2.181	rs10964427	rs3818384	<i>SMARCA2</i>	0.64	0.47 - 0.9	0.007
19	4.239 - 4.239	rs888928	rs888931	<i>SHD</i>	0.60	0.42 - 0.87	0.007
6	42.298 - 42.298	rs10452607	rs4714584	<i>MRPS10,TRERF1</i>	0.62	0.46 - 0.9	0.007

6	42.302 - 42.511	rs4424082	rs1962366	<i>TRERF1</i>	0.62	0.44 - 0.88	0.007
4	146.805 - 146.812	rs9308191	rs7688920	<i>MMAA,C4orf51</i>	1.49	1.11 - 1.99	0.007
4	146.829 - 146.870	rs2356209	rs3935131	<i>C4orf51</i>	1.49	1.11 - 1.99	0.007
4	146.876 - 146.884	rs6841736	rs6818123	<i>C4orf51,ZNF827</i>	1.49	1.11 - 1.99	0.007
19	4.064 - 4.064	rs7258541	rs7258541	<i>MAP2K2</i>	0.61	0.42 - 0.87	0.007
10	121.595 - 121.623	rs7072945	rs2456715	<i>MCMBP</i>	1.48	1.11 - 1.96	0.007
10	121.630 - 121.632	rs2939932	rs2475317	<i>MCMBP,SEC23IP</i>	1.48	1.11 - 1.96	0.007
19	2.948 - 2.961	rs14089	rs11665900	<i>TLE2</i>	0.60	0.42 - 0.88	0.007
19	3.983 - 3.983	rs755749	rs755749	<i>PIAS4</i>	0.61	0.42 - 0.87	0.007
19	3.991 - 3.991	rs12608562	rs12608562	<i>PIAS4,ZBTB7A</i>	0.61	0.42 - 0.87	0.007
19	4.110 - 4.110	rs3852913	rs3852913	<i>CREB3L3</i>	0.61	0.42 - 0.87	0.007
19	4.133 - 4.133	rs3760905	rs3760905	<i>ANKRD24,SIRT6</i>	0.61	0.42 - 0.87	0.007
19	5.974 - 6.053	rs549785	rs10411815	<i>RFX2</i>	0.61	0.42 - 0.88	0.007
19	6.402 - 6.405	rs7247153	rs6510903	<i>SLC25A23</i>	0.61	0.43 - 0.88	0.007
19	3.204 - 3.232	rs10424519	rs7257762	<i>CELF5</i>	0.60	0.42 - 0.88	0.007
19	4.100 - 4.100	rs350882	rs350882	<i>MAP2K2,CREB3L3</i>	0.61	0.42 - 0.87	0.007
6	41.682 - 41.712	rs16894837	rs2842660	<i>FOXP4,MDFI</i>	0.63	0.46 - 0.91	0.007
1	242.292 - 242.578	rs1565824	rs900890	<i>ZBTB18,C1orf100</i>	0.62	0.46 - 0.91	0.007
10	124.555 - 124.578	rs7915633	rs11248319	<i>DMBT1P1,CUZD1</i>	1.48	1.11 - 1.97	0.008
19	3.094 - 3.111	rs399725	rs17347521	<i>GNA15</i>	0.60	0.42 - 0.88	0.008
19	3.049 - 3.074	rs308037	rs397454	<i>GNA11</i>	0.60	0.42 - 0.87	0.008
10	121.484 - 121.578	rs196225	rs1063224	<i>INPP5F</i>	1.47	1.1 - 1.94	0.008
19	6.181 - 6.223	rs2233188	rs7258848	<i>MLLT1</i>	0.61	0.44 - 0.91	0.008
1	239.589 - 239.725	rs6429264	rs947306	<i>RGS7,FH</i>	0.62	0.45 - 0.89	0.008
10	37.685 - 37.919	rs12264795	rs2224371	<i>LINC00993,MTRNR2L7</i>	0.65	0.48 - 0.9	0.008
1	242.951 - 243.055	rs10927306	rs10927326	<i>DES12,COX20</i>	0.62	0.45 - 0.9	0.008
1	243.069 - 243.069	rs11801533	rs10927333	<i>COX20</i>	0.62	0.44 - 0.88	0.008
1	243.080 - 243.080	rs1495946	rs1495946	<i>HNRNPU</i>	0.62	0.44 - 0.88	0.008
10	38.515 - 38.542	rs11011478	rs2489495	<i>LOC100129055</i>	0.65	0.47 - 0.89	0.008
10	38.559 - 38.663	rs1740744	rs2754428	<i>LOC100129055,HSD17B7P</i>	0.65	0.47 - 0.89	0.008
10	38.695 - 38.695	rs2754369	rs2754369	<i>HSD17B7P2</i>	0.65	0.47 - 0.89	0.008
10	38.717 - 38.719	rs2754361	rs2800542	<i>SEPT7P9</i>	0.65	0.47 - 0.89	0.008
10	38.961 - 39.008	rs11146874	rs11146911	<i>LINC00999,ACTR3BP5</i>	0.65	0.47 - 0.89	0.008
10	39.090 - 39.090	rs4881572	rs4881572	<i>ACTR3BP5,NONE</i>	0.65	0.47 - 0.89	0.008
10	41.753 - 41.843	rs9703043	rs10160147	<i>NONE,LOC441666</i>	0.65	0.47 - 0.89	0.008
10	42.147 - 42.184	rs9804345	rs2505803	<i>LOC441666</i>	0.65	0.47 - 0.89	0.008
10	42.186 - 42.217	rs2505805	rs2246565	<i>LOC441666,CCNYL2</i>	0.65	0.47 - 0.89	0.008
10	42.225 - 42.288	rs11239378	rs7919712	<i>CCNYL2</i>	0.65	0.47 - 0.89	0.008
10	42.289 - 42.289	rs1831914	rs1831914	<i>CCNYL2,LINC00839</i>	0.65	0.47 - 0.89	0.008
10	42.299 - 42.308	rs1255406	rs11239619	<i>LINC00839</i>	0.65	0.47 - 0.89	0.008
10	42.321 - 42.326	rs11239629	rs1852961	<i>LINC00839,ZNF37BP</i>	0.65	0.47 - 0.89	0.008
10	42.337 - 42.359	rs210239	rs1255396	<i>ZNF37BP</i>	0.65	0.47 - 0.89	0.008
10	42.372 - 42.401	rs11239674	rs7073805	<i>ZNF37BP,ZNF33B</i>	0.65	0.47 - 0.89	0.008
10	42.409 - 42.445	rs7914982	rs12256867	<i>ZNF33B</i>	0.65	0.47 - 0.89	0.008

19	4.472 - 4.486	rs884164	rs10419003	<i>PLIN5</i>	0.61	0.42 - 0.88	0.008
19	4.490 - 4.490	rs10420475	rs10420475	<i>LRG1</i>	0.61	0.42 - 0.88	0.008
19	4.521 - 4.563	rs16990377	rs11085083	<i>SEMA6B,TNFAIP8L1</i>	0.61	0.42 - 0.88	0.008
19	5.872 - 5.921	rs274795	rs581910	<i>RANBP3</i>	0.61	0.42 - 0.88	0.008
19	6.417 - 6.417	rs348362	rs348362	<i>CRB3</i>	0.61	0.43 - 0.88	0.008
19	6.432 - 6.432	rs3844450	rs3844450	<i>DENND1C</i>	0.61	0.43 - 0.88	0.008
19	6.446 - 6.446	rs2071347	rs2071347	<i>TUBB4A</i>	0.61	0.43 - 0.88	0.008
19	4.354 - 4.368	rs243338	rs34080966	<i>CHAF1A</i>	0.61	0.42 - 0.88	0.008
10	121.429 - 121.460	rs196298	rs10466211	<i>BAG3,INPP5F</i>	1.47	1.11 - 1.95	0.008
19	4.926 - 5.099	rs8099963	rs2620832	<i>KDM4B</i>	0.61	0.45 - 0.93	0.008
19	3.131 - 3.131	rs311630	rs311630	<i>SIPR4</i>	0.61	0.42 - 0.88	0.008
19	3.139 - 3.160	rs573104	rs122691	<i>NCLN</i>	0.61	0.42 - 0.88	0.008
10	42.457 - 42.596	rs7919927	rs3982199	<i>ZNF33B,BMS1</i>	0.65	0.47 - 0.89	0.008
10	42.611 - 42.646	rs2078397	rs7133	<i>BMS1</i>	0.65	0.47 - 0.89	0.008
19	5.934 - 5.961	rs552320	rs585107	<i>LOC100128568</i>	0.61	0.42 - 0.88	0.008
21	21.839 - 22.015	rs2826896	rs2826969	<i>NCAM2,LINC00317</i>	1.50	1.09 - 1.99	0.008
21	22.017 - 22.028	rs7282153	rs1783404	<i>LINC00317</i>	1.50	1.11 - 2.03	0.008
21	22.034 - 22.038	rs1783406	rs1735961	<i>LINC00317,AP000475.2</i>	1.50	1.11 - 2.03	0.008
1	239.881 - 240.030	rs6413959	rs9428520	<i>WDR64</i>	0.63	0.45 - 0.9	0.008
10	37.932 - 38.104	rs10740944	rs10508861	<i>MTRNR2L7,ZNF248</i>	0.65	0.47 - 0.89	0.008
10	38.131 - 38.172	rs3739992	rs1208645	<i>ZNF248</i>	0.65	0.47 - 0.89	0.008
10	38.190 - 38.247	rs200944	rs1208587	<i>ZNF248,ZNF25</i>	0.65	0.47 - 0.89	0.008
10	38.277 - 38.305	rs2799495	rs2738191	<i>ZNF25</i>	0.65	0.47 - 0.89	0.008
10	38.341 - 38.382	rs11817782	rs11598044	<i>ZNF33A</i>	0.65	0.47 - 0.89	0.008
10	38.390 - 38.419	rs496627	rs1010729	<i>ZNF33A,ZNF37A</i>	0.65	0.47 - 0.89	0.008
10	38.433 - 38.441	rs2505194	rs176879	<i>ZNF37A</i>	0.65	0.47 - 0.89	0.008
10	38.454 - 38.499	rs12260877	rs2505248	<i>ZNF37A,LOC100129055</i>	0.65	0.47 - 0.89	0.008
19	5.816 - 5.817	rs10426709	rs8101625	<i>FUT5</i>	0.61	0.42 - 0.88	0.008
19	5.835 - 5.835	rs6510861	rs6510861	<i>FUT5,NDUFA11</i>	0.61	0.42 - 0.88	0.008
21	21.293 - 21.825	rs7510019	rs2826879	<i>NCAM2</i>	1.50	1.11 - 2.02	0.008
19	4.439 - 4.439	rs10421685	rs10421685	<i>HDGFRP2</i>	0.61	0.42 - 0.88	0.008
19	4.458 - 4.458	rs892158	rs892158	<i>PLIN4</i>	0.61	0.42 - 0.88	0.008
19	2.947 - 2.947	rs423232	rs423232	<i>TLE6,TLE2</i>	0.61	0.42 - 0.88	0.008
10	122.334 - 122.795	rs12776072	rs7911360	<i>MIR5694</i>	1.47	1.1 - 1.96	0.008
6	41.717 - 41.727	rs2268410	rs9394819	<i>MDF1</i>	0.63	0.45 - 0.89	0.008
6	41.733 - 41.757	rs2746183	rs2842645	<i>MDF1,TFEB</i>	0.63	0.45 - 0.89	0.008
9	115.682 - 115.857	rs16910261	rs10739401	<i>ZNF618</i>	0.63	0.45 - 0.89	0.008
6	42.158 - 42.174	rs9381134	rs9462769	<i>TAF8,C6orf132</i>	0.63	0.46 - 0.91	0.008
19	4.400 - 4.400	rs760369	rs760369	<i>UBXN6</i>	0.61	0.42 - 0.88	0.008
19	6.470 - 6.475	rs6510904	rs12151125	<i>TUBB4A,TNFSF9</i>	0.62	0.43 - 0.88	0.009
9	115.402 - 115.676	rs17187621	rs6478042	<i>RGS3,ZNF618</i>	0.63	0.45 - 0.9	0.009
9	4.588 - 4.651	rs2771	rs301489	<i>SPATA6L</i>	0.64	0.47 - 0.91	0.009
9	4.659 - 4.667	rs7037583	rs10758642	<i>SPATA6L,CDC37L1</i>	0.64	0.46 - 0.89	0.009
9	4.669 - 4.696	rs3758245	rs3174298	<i>CDC37L1</i>	0.64	0.46 - 0.89	0.009

1	160.307 - 160.605	rs1123217	rs164152	<i>NOS1AP</i>	0.63	0.46 - 0.91	0.009
1	159.610 - 159.730	rs16832900	rs6696854	<i>Clorf192,FCGR2A</i>	0.63	0.45 - 0.89	0.009
9	37.502 - 37.563	rs12237351	rs10758440	<i>FBXO10</i>	0.64	0.47 - 0.9	0.009
9	37.602 - 37.638	rs7867861	rs4490927	<i>TOMM5,FRMPD1</i>	0.64	0.46 - 0.89	0.009
10	122.208 - 122.334	rs1041168	rs41514247	<i>PPAPDC1A</i>	1.47	1.08 - 1.92	0.009
10	121.352 - 121.392	rs12569630	rs196282	<i>TIAL1,BAG3</i>	1.46	1.09 - 1.92	0.009
17	14.203 - 14.872	rs11078243	rs7216570	<i>HS3ST3B1,CDRT7</i>	0.64	0.51 - 0.98	0.009
9	37.481 - 37.489	rs10814556	rs7022491	<i>POLRIE</i>	0.64	0.46 - 0.9	0.009
9	37.354 - 37.411	rs10814520	rs10973329	<i>ZCCHC7,GRHPR</i>	0.64	0.46 - 0.9	0.009
9	37.416 - 37.426	rs2768659	rs7867764	<i>GRHPR</i>	0.64	0.46 - 0.9	0.009
9	37.429 - 37.444	rs7022431	rs309444	<i>ZBTB5</i>	0.64	0.46 - 0.9	0.009
10	121.409 - 121.423	rs196344	rs196332	<i>BAG3</i>	1.46	1.1 - 1.93	0.009
18	3.473 - 3.485	rs7235180	rs238116	<i>RP11-838N2.4,DLGAP1</i>	0.63	0.45 - 0.89	0.009
10	37.593 - 37.636	rs12267579	rs7097277	<i>ANKRD30A,LINC00993</i>	0.65	0.48 - 0.9	0.009
10	37.640 - 37.654	rs12356772	rs11011123	<i>LINC00993</i>	0.65	0.48 - 0.9	0.009
19	32.988 - 34.134	rs4239564	rs11879950	<i>LINC00662,LINC00906</i>	1.48	1.05 - 1.89	0.009
10	36.132 - 37.426	rs16936361	rs2505140	<i>PCAT5,ANKRD30A</i>	0.65	0.53 - 1	0.009
1	243.202 - 243.348	rs6699566	rs12047817	<i>EFCAB2</i>	0.63	0.45 - 0.89	0.009
9	37.035 - 37.056	rs4483247	rs10973184	<i>PAX5,LOC100506710</i>	0.64	0.46 - 0.9	0.009
9	37.076 - 37.077	rs2279557	rs2279556	<i>LOC100506710</i>	0.64	0.46 - 0.9	0.009
9	37.082 - 37.098	rs7872067	rs13293339	<i>LOC100506710,ZCCHC7</i>	0.64	0.46 - 0.9	0.009
9	37.115 - 37.344	rs12376809	rs7043792	<i>ZCCHC7</i>	0.64	0.46 - 0.9	0.009
19	2.747 - 2.754	rs1736180	rs2283598	<i>THOP1</i>	0.61	0.42 - 0.89	0.009
5	177.994 - 178.069	rs6869889	rs4266420	<i>CLK4,ZNF354A</i>	1.46	1.08 - 1.91	0.009
10	37.494 - 37.548	rs1892429	rs1148259	<i>ANKRD30A</i>	0.66	0.48 - 0.9	0.009
4	129.437 - 129.948	rs1391980	rs10008927	<i>PGRMC2,JADE1</i>	1.46	1.08 - 1.9	0.009
18	3.456 - 3.468	rs17647488	rs7231930	<i>RP11-838N2.4</i>	0.63	0.46 - 0.91	0.009
9	2.195 - 2.523	rs7044370	rs10491717	<i>SMARCA2,VLDLR-AS1</i>	0.65	0.47 - 0.9	0.010
1	239.735 - 239.746	rs12065955	rs12072899	<i>FH</i>	0.63	0.45 - 0.9	0.010
1	239.751 - 239.753	rs6678986	rs10802969	<i>FH,KMO</i>	0.63	0.45 - 0.9	0.010
1	239.763 - 239.822	rs4659609	rs640718	<i>KMO</i>	0.63	0.45 - 0.9	0.010
19	5.809 - 5.809	rs778988	rs778988	<i>FUT3,FUT5</i>	0.62	0.43 - 0.89	0.010
4	146.322 - 146.589	rs7679664	rs2355632	<i>OTUD4,SMAD1</i>	1.47	1.06 - 1.91	0.010
10	121.294 - 121.318	rs3009926	rs3009877	<i>RGS10,TIAL1</i>	1.45	1.09 - 1.92	0.010
9	115.914 - 115.953	rs1570589	rs7863152	<i>KIF12,COL27A1</i>	0.64	0.45 - 0.9	0.010
9	115.150 - 115.170	rs10981757	rs7857932	<i>BSPRY</i>	0.64	0.47 - 0.93	0.010
9	115.180 - 115.184	rs16933168	rs818702	<i>HDHD3,ALAD</i>	0.64	0.45 - 0.9	0.010
7	34.171 - 34.342	rs6966433	rs1419803	<i>BMPER,NPSR1-AS1</i>	1.47	1.05 - 1.89	0.010
7	30.937 - 30.969	rs13222180	rs17159769	<i>AQPI,GHRHR</i>	1.47	1.09 - 1.95	0.010
4	181.205 - 182.208	rs1994816	rs17070508	<i>NONE,LINC00290</i>	1.45	1.03 - 1.83	0.010
7	30.974 - 30.985	rs10227405	rs6962369	<i>GHRHR</i>	1.46	1.1 - 1.96	0.010
19	211.912 - 228.776	rs8100066	rs11084928	<i>LINC01002,PPAP2C</i>	0.61	0.42 - 0.89	0.010
19	243.583 - 252.668	rs895345	rs4897941	<i>PPAP2C,MIER2</i>	0.61	0.42 - 0.89	0.010
19	266.788 - 286.055	rs7246500	rs11883060	<i>MIER2</i>	0.61	0.42 - 0.89	0.010

19	299.743 - 299.743	rs6510725	rs6510725	<i>MIER2,THEG</i>	0.61	0.42 - 0.89	0.010
19	318.089 - 318.089	rs10422863	rs10422863	<i>THEG</i>	0.61	0.42 - 0.89	0.010
19	340.805 - 341.341	rs4897965	rs4897969	<i>THEG,C2CD4C</i>	0.61	0.42 - 0.89	0.010
19	363.730 - 363.730	rs753948	rs753948	<i>C2CD4C,SHC2</i>	0.61	0.42 - 0.89	0.010
19	368.556 - 401.282	rs12462724	rs4919870	<i>SHC2</i>	0.61	0.42 - 0.89	0.010
19	413.736 - 414.528	rs1599999	rs1052882	<i>ODF3L2</i>	0.61	0.42 - 0.89	0.010
19	433.221 - 445.057	rs6510799	rs7258832	<i>ODF3L2,MADCAM1</i>	0.61	0.42 - 0.89	0.010
19	507.632 - 507.632	rs4919850	rs4919850	<i>GZMM,BSG</i>	0.61	0.42 - 0.89	0.010
19	530.100 - 530.100	rs2283573	rs2283573	<i>BSG</i>	0.61	0.42 - 0.89	0.010
19	558.984 - 558.984	rs3752158	rs3752158	<i>HCN2</i>	0.61	0.42 - 0.89	0.010
19	581.844 - 581.844	rs9304924	rs9304924	<i>POLRMT</i>	0.61	0.42 - 0.89	0.010
19	608.666 - 608.666	rs3787004	rs3787004	<i>RNF126</i>	0.61	0.42 - 0.89	0.010
19	626.513 - 626.513	rs2301742	rs2301742	<i>FSTL3</i>	0.61	0.42 - 0.89	0.010
19	637.181 - 637.181	rs12611332	rs12611332	<i>PRSS57</i>	0.61	0.42 - 0.89	0.010
19	701.173 - 701.173	rs8104762	rs8104762	<i>MISP</i>	0.61	0.42 - 0.89	0.010
19	754.086 - 755.396	rs351986	rs3180287	<i>PTBP1</i>	0.61	0.42 - 0.89	0.010
19	778.975 - 778.975	rs649411	rs649411	<i>AZU1</i>	0.61	0.42 - 0.89	0.010
19	816.406 - 816.406	rs17684161	rs17684161	<i>CFD,MED16</i>	0.61	0.42 - 0.89	0.010
19	831.602 - 836.818	rs1683565	rs1060442	<i>MED16</i>	0.61	0.42 - 0.89	0.010
19	847.244 - 847.244	rs2965287	rs2965287	<i>R3HDM4</i>	0.61	0.42 - 0.89	0.010
19	867.737 - 867.737	rs184749	rs184749	<i>KISS1R</i>	0.61	0.42 - 0.89	0.010
19	882.523 - 918.584	rs350146	rs2098019	<i>ARID3A</i>	0.61	0.42 - 0.89	0.010
19	939.136 - 939.136	rs7249037	rs7249037	<i>WDR18</i>	0.61	0.42 - 0.89	0.010
19	949.126 - 949.126	rs8110452	rs8110452	<i>WDR18,GRIN3B</i>	0.61	0.42 - 0.89	0.010
19	964.634 - 965.377	rs12710103	rs1058506	<i>TMEM259</i>	0.61	0.42 - 0.89	0.010
19	973.781 - 974.867	rs11085234	rs8102732	<i>TMEM259,CNN2</i>	0.61	0.42 - 0.89	0.010
19	989.222 - 989.222	rs2020000	rs2020000	<i>CNN2</i>	0.61	0.42 - 0.89	0.010
19	1.005 - 1.005	rs3752243	rs3752243	<i>ABCA7</i>	0.61	0.42 - 0.89	0.010
19	1.026 - 1.026	rs757232	rs757232	<i>HMHA1</i>	0.61	0.42 - 0.89	0.010
19	1.050 - 1.053	rs4239605	rs8178960	<i>POLR2E,GPX4</i>	0.61	0.42 - 0.89	0.010
19	1.054 - 1.054	rs8103188	rs8103188	<i>GPX4</i>	0.61	0.42 - 0.89	0.010
19	1.058 - 1.058	rs2074451	rs2074451	<i>GPX4,SBNO2</i>	0.61	0.42 - 0.89	0.010
19	1.071 - 1.086	rs8100067	rs11880562	<i>SBNO2</i>	0.61	0.42 - 0.89	0.010
19	1.126 - 1.140	rs873289	rs9304883	<i>SBNO2,STK11</i>	0.61	0.42 - 0.89	0.010
19	1.222 - 1.223	rs12609287	rs12488	<i>CIRBP</i>	0.61	0.42 - 0.89	0.010
19	1.234 - 1.234	rs12609120	rs12609120	<i>C19orf24,EFNA2</i>	0.61	0.42 - 0.89	0.010
19	1.261 - 1.280	rs10423270	rs9749349	<i>EFNA2,MUM1</i>	0.61	0.42 - 0.89	0.010
19	1.308 - 1.327	rs1048909	rs266805	<i>MUM1</i>	0.61	0.42 - 0.89	0.010
19	1.339 - 1.339	rs7254913	rs7254913	<i>NDUFS7</i>	0.61	0.42 - 0.89	0.010
19	1.378 - 1.385	rs3786983	rs7251937	<i>DAZAP1</i>	0.61	0.42 - 0.89	0.010
19	1.393 - 1.393	rs7249187	rs7249187	<i>RPS15,APC2</i>	0.61	0.42 - 0.89	0.010
19	1.402 - 1.402	rs8100004	rs8100004	<i>APC2</i>	0.61	0.42 - 0.89	0.010
19	1.468 - 1.469	rs6510612	rs2656851	<i>ADAMTSL5,PLK5</i>	0.61	0.42 - 0.89	0.010
19	1.481 - 1.486	rs2656864	rs11084901	<i>PLK5</i>	0.61	0.42 - 0.89	0.010

19	1.488 - 1.490	rs1875960	rs11883248	<i>PLK5,MEX3D</i>	0.61	0.42 - 0.89	0.010
19	1.531 - 1.531	rs2238591	rs2238591	<i>MBD3</i>	0.61	0.42 - 0.89	0.010
19	1.550 - 1.550	rs12460139	rs12460139	<i>UQCR11</i>	0.61	0.42 - 0.89	0.010
19	1.589 - 1.593	rs10409667	rs4807942	<i>TCF3</i>	0.61	0.42 - 0.89	0.010
19	1.627 - 1.677	rs11672429	rs4807954	<i>TCF3,ONECUT3</i>	0.61	0.42 - 0.89	0.010
19	1.733 - 1.735	rs1054597	rs7247364	<i>ATP8B3</i>	0.61	0.42 - 0.89	0.010
19	1.818 - 1.824	rs4806815	rs11084914	<i>KLF16,ABHD17A</i>	0.61	0.42 - 0.89	0.010
19	1.833 - 1.835	rs3810416	rs7246402	<i>ABHD17A</i>	0.61	0.42 - 0.89	0.010
19	1.858 - 1.860	rs2028261	rs8105923	<i>ADAT3,SCAMP4</i>	0.61	0.42 - 0.89	0.010
19	1.867 - 1.873	rs8109179	rs7259322	<i>SCAMP4</i>	0.61	0.42 - 0.89	0.010
19	1.880 - 1.882	rs9989732	rs8112134	<i>SCAMP4,CSNK1G2</i>	0.61	0.42 - 0.89	0.010
19	1.917 - 1.917	rs4807182	rs4807182	<i>CSNK1G2</i>	0.61	0.42 - 0.89	0.010
19	1.940 - 1.957	rs7251590	rs7248930	<i>BTBD2</i>	0.61	0.42 - 0.89	0.010
19	1.972 - 1.972	rs6510636	rs6510636	<i>BTBD2,MKNK2</i>	0.61	0.42 - 0.89	0.010
19	2.004 - 2.015	rs8101166	rs2018771	<i>MKNK2,MOB3A</i>	0.61	0.42 - 0.89	0.010
19	2.057 - 2.096	rs10413398	rs1859954	<i>AP3D1</i>	0.61	0.42 - 0.89	0.010
19	2.117 - 2.148	rs12611107	rs2240129	<i>DOT1L</i>	0.61	0.42 - 0.89	0.010
19	2.192 - 2.195	rs733846	rs6510652	<i>SF3A2</i>	0.61	0.42 - 0.89	0.010
19	2.217 - 2.219	rs2523168	rs12985777	<i>JSRP1,OAZ1</i>	0.61	0.42 - 0.89	0.010
19	2.269 - 2.269	rs4807227	rs4807227	<i>LINGO3,LSM7</i>	0.61	0.42 - 0.89	0.010
19	2.305 - 2.305	rs11671	rs11671	<i>SPPL2B</i>	0.61	0.42 - 0.89	0.010
19	2.360 - 2.364	rs3848632	rs12610522	<i>TMPRSS9</i>	0.61	0.42 - 0.89	0.010
19	2.391 - 2.391	rs11879351	rs11879351	<i>LMNB2</i>	0.61	0.42 - 0.89	0.010
19	2.417 - 2.417	rs10415191	rs10415191	<i>LMNB2,GADD45B</i>	0.61	0.42 - 0.89	0.010
19	2.442 - 2.454	rs10410637	rs11084943	<i>GADD45B,GNG7</i>	0.61	0.42 - 0.89	0.010
19	2.465 - 2.637	rs12974945	rs7259187	<i>GNG7</i>	0.61	0.42 - 0.89	0.010
9	115.188 - 115.199	rs7042485	rs818684	<i>ALAD</i>	0.64	0.45 - 0.9	0.010
1	239.833 - 239.867	rs3753216	rs12028394	<i>OPN3</i>	0.64	0.45 - 0.9	0.010
1	239.859 - 239.865	rs3765819	rs3737604	<i>CHML</i>	0.64	0.45 - 0.9	0.010
1	239.875 - 239.876	rs6656762	rs6663223	<i>OPN3,WDR64</i>	0.64	0.45 - 0.9	0.010
9	115.866 - 115.881	rs10817563	rs2285055	<i>AMBP</i>	0.64	0.45 - 0.9	0.010
9	115.882 - 115.891	rs1982048	rs11795402	<i>AMBP,KIF12</i>	0.64	0.45 - 0.9	0.010
18	19.827 - 19.952	rs5026773	rs3745029	<i>TTC39C</i>	1.46	1.09 - 1.92	0.010
2	228.184 - 228.207	rs2063852	rs6722305	<i>C2orf83</i>	1.47	1.09 - 1.96	0.010
10	124.665 - 124.666	rs10902842	rs11248332	<i>FAM24A,C10orf88</i>	1.46	1.09 - 1.94	0.010
10	124.708 - 124.727	rs2421159	rs11248352	<i>C10orf88,PSTK</i>	1.46	1.09 - 1.95	0.010
10	124.730 - 124.730	rs10902853	rs9423239	<i>PSTK</i>	1.46	1.09 - 1.95	0.010
10	124.744 - 124.755	rs12776141	rs9328842	<i>IKZF5</i>	1.46	1.09 - 1.95	0.010
10	124.763 - 124.807	rs7915923	rs6838	<i>ACADSB</i>	1.46	1.09 - 1.95	0.010
10	124.813 - 124.884	rs10794586	rs11248409	<i>ACADSB,HMX3</i>	1.46	1.09 - 1.95	0.010
10	120.966 - 121.199	rs4336954	rs7896882	<i>GRK5</i>	1.45	1.09 - 1.93	0.010
9	115.229 - 115.229	rs7048305	rs7048305	<i>C9orf43</i>	0.64	0.45 - 0.9	0.010
9	115.253 - 115.399	rs12338788	rs16906786	<i>RGS3</i>	0.64	0.45 - 0.9	0.010
19	2.705 - 2.733	rs6510699	rs16991385	<i>SGTA</i>	0.62	0.43 - 0.89	0.011

6	42.282 - 42.290	rs4714580	rs1884317	<i>MRPS10</i>	0.64	0.46 - 0.9	0.011
18	19.994 - 19.995	rs17259667	rs7230861	<i>CABYR</i>	1.45	1.09 - 1.94	0.011
4	180.211 - 181.196	rs11736034	rs1112857	<i>LINC01098,LINC00290</i>	1.45	1.04 - 1.84	0.011
19	5.409 - 5.496	rs674316	rs10423998	<i>ZNRF4,TINCR</i>	0.62	0.44 - 0.91	0.011
18	20.006 - 20.224	rs2077984	rs17187528	<i>OSBPL1A</i>	1.45	1.09 - 1.93	0.011
19	5.781 - 5.790	rs778809	rs3760776	<i>FUT6</i>	0.62	0.43 - 0.9	0.011
19	5.792 - 5.792	rs3760775	rs3760775	<i>FUT6,FUT3</i>	0.62	0.43 - 0.9	0.011
18	20.234 - 20.246	rs687263	rs593099	<i>OSBPL1A,IMPACT</i>	1.46	1.09 - 1.95	0.011
18	20.264 - 20.283	rs12326723	rs2739104	<i>IMPACT</i>	1.46	1.09 - 1.95	0.011
18	20.289 - 20.290	rs16940754	rs990750	<i>IMPACT,HRH4</i>	1.46	1.09 - 1.95	0.011
18	20.299 - 20.314	rs16940762	rs527790	<i>HRH4</i>	1.46	1.09 - 1.95	0.011
18	20.319 - 20.460	rs532622	rs17259982	<i>HRH4,RP11-449D8.1</i>	1.46	1.09 - 1.95	0.011
9	119.525 - 120.965	rs1927905	rs230107	<i>TLR4,BRINP1</i>	0.64	0.5 - 0.96	0.011
19	2.662 - 2.662	rs2110120	rs2110120	<i>GNG7,DIRAS1</i>	0.62	0.43 - 0.89	0.011
19	2.679 - 2.679	rs759071	rs759071	<i>DIRAS1,SLC39A3</i>	0.62	0.43 - 0.89	0.011
10	124.600 - 124.600	rs1891110	rs1891110	<i>FAM24B</i>	1.46	1.09 - 1.94	0.011
10	124.628 - 124.628	rs4638251	rs4638251	<i>FAM24B-CUZD1</i>	1.46	1.09 - 1.94	0.011
10	124.661 - 124.661	rs7921647	rs7921647	<i>FAM24A</i>	1.46	1.09 - 1.94	0.011
7	139.132 - 139.349	rs10244528	rs17837497	<i>TBXAS1</i>	0.64	0.45 - 0.91	0.011
19	3.713 - 3.713	rs12459781	rs3746118	<i>APBA3,MRPL54</i>	0.62	0.43 - 0.9	0.011
2	228.139 - 228.177	rs12619262	rs13394836	<i>AGFG1,C2orf83</i>	1.47	1.09 - 1.96	0.011
18	19.529 - 19.785	rs1711455	rs2288593	<i>LAMA3</i>	1.45	1.06 - 1.87	0.011
10	121.257 - 121.278	rs7101354	rs17098973	<i>RGS10</i>	1.45	1.09 - 1.92	0.011
9	115.896 - 115.896	rs7853169	rs7853169	<i>KIF12</i>	0.64	0.45 - 0.9	0.011
18	3.404 - 3.433	rs7229546	rs3866989	<i>TGIF1</i>	0.64	0.45 - 0.9	0.011
10	121.215 - 121.229	rs10886492	rs4751728	<i>GRK5,RGS10</i>	1.45	1.09 - 1.92	0.011
6	41.758 - 41.800	rs2842643	rs4711689	<i>TFEB</i>	0.65	0.46 - 0.9	0.011
4	126.708 - 128.699	rs1506367	rs10023467	<i>FAT4,INTU</i>	1.45	0.99 - 1.77	0.011
18	3.275 - 3.396	rs4404166	rs7228082	<i>MYL12B,TGIF1</i>	0.64	0.5 - 0.98	0.011
2	227.906 - 227.929	rs6750569	rs7573035	<i>MFJ</i>	1.47	1.09 - 1.97	0.011
2	227.940 - 227.948	rs4408717	rs7597841	<i>TM4SF20</i>	1.47	1.09 - 1.97	0.011
2	227.954 - 228.040	rs4234072	rs12694734	<i>TM4SF20,MIR5703</i>	1.47	1.09 - 1.97	0.011
7	35.391 - 35.636	rs1867936	rs2242031	<i>LOC401324,HERPUD2</i>	1.46	1.08 - 1.92	0.011
1	242.892 - 242.928	rs7550009	rs12057937	<i>DES12</i>	0.64	0.46 - 0.91	0.011
4	128.710 - 128.745	rs10029304	rs17012548	<i>NONE,INTU</i>	1.45	1.09 - 1.92	0.011
7	30.987 - 31.056	rs12537375	rs12670977	<i>GHRHR,ADCYAP1R1</i>	1.46	1.09 - 1.95	0.011
19	3.701 - 3.708	rs4807505	rs11668141	<i>APBA3</i>	0.62	0.43 - 0.9	0.011
10	124.580 - 124.580	rs17104231	rs17104231	<i>CUZD1,FAM24B-CUZD1</i>	1.45	1.09 - 1.94	0.011
18	20.900 - 21.172	rs4800203	rs12456829	<i>ZNF521</i>	1.46	1.08 - 1.93	0.011
7	35.322 - 35.378	rs6976218	rs340397	<i>LOC401324</i>	1.45	1.09 - 1.93	0.011
6	41.816 - 41.816	rs4711690	rs4711690	<i>PGC</i>	0.65	0.46 - 0.9	0.011
6	41.825 - 41.844	rs6458238	rs11962743	<i>PGC,FRS3</i>	0.65	0.46 - 0.9	0.011
19	3.682 - 3.701	rs8101530	rs1046278	<i>TJP3</i>	0.62	0.43 - 0.9	0.011
7	139.542 - 139.677	rs6464585	rs10085561	<i>JHDM1D-AS1,SLC37A3</i>	0.64	0.47 - 0.92	0.011

5	177.608 - 177.948	rs6894255	rs262027	<i>COL23A1</i>	1.45	1.03 - 1.82	0.011
4	146.624 - 146.697	rs17020201	rs6829932	<i>SMAD1</i>	1.46	1.09 - 1.95	0.011
19	3.716 - 3.716	rs7259446	rs7259446	<i>MRPL54</i>	0.62	0.43 - 0.9	0.011
19	3.745 - 3.745	rs9676784	rs9676784	<i>MATK</i>	0.62	0.43 - 0.9	0.011
7	35.266 - 35.309	rs336286	rs990633	<i>TBX20,LOC401324</i>	1.45	1.09 - 1.94	0.011
7	36.858 - 37.453	rs2241152	rs6952260	<i>ELMO1</i>	1.47	1.06 - 1.92	0.011
19	3.776 - 3.807	rs12611253	rs4807521	<i>ZFR2</i>	0.62	0.43 - 0.9	0.011
2	228.051 - 228.127	rs10170294	rs13408988	<i>AGFG1</i>	1.46	1.09 - 1.96	0.011
7	36.519 - 36.729	rs7986	rs17170682	<i>AOAH</i>	1.47	1.05 - 1.91	0.011
7	36.733 - 36.837	rs17170685	rs2392472	<i>AOAH,ELMO1</i>	1.47	1.09 - 1.99	0.011
1	160.652 - 160.705	rs164128	rs164169	<i>SH2D1B,UHMK1</i>	0.64	0.46 - 0.91	0.011
4	143.174 - 143.985	rs336352	rs9994364	<i>INPP4B</i>	1.45	1 - 1.81	0.011
9	4.480 - 4.572	rs7031998	rs301434	<i>SLC1A1</i>	0.65	0.47 - 0.91	0.011
10	121.328 - 121.347	rs3009879	rs12217200	<i>TIAL1</i>	1.44	1.09 - 1.92	0.011
9	4.291 - 4.471	rs4741946	rs4740788	<i>GLIS3,SLC1A1</i>	0.65	0.52 - 0.99	0.011
7	35.239 - 35.250	rs2191883	rs10254475	<i>TBX20</i>	1.45	1.07 - 1.9	0.011
19	3.925 - 3.925	rs745414	rs745414	<i>DAPK3,EEF2</i>	0.63	0.44 - 0.9	0.011
19	3.931 - 3.931	rs17606942	rs17606942	<i>EEF2</i>	0.63	0.44 - 0.9	0.011
19	5.517 - 5.517	rs8105637	rs8105637	<i>TINCR</i>	0.62	0.43 - 0.9	0.011
19	5.524 - 5.533	rs8112148	rs875813	<i>TINCR,SAFB2</i>	0.62	0.43 - 0.9	0.011
6	42.185 - 42.207	rs9471765	rs7763271	<i>C6orf132</i>	0.64	0.46 - 0.91	0.011
6	42.225 - 42.225	rs6942280	rs6942280	<i>C6orf132,GUCA1A</i>	0.64	0.46 - 0.91	0.011
6	42.231 - 42.255	rs2395801	rs6899575	<i>GUCA1A</i>	0.64	0.46 - 0.91	0.011
6	42.262 - 42.267	rs12181583	rs6939563	<i>GUCA1B</i>	0.64	0.46 - 0.91	0.011
6	42.272 - 42.278	rs16895284	rs7749339	<i>GUCA1B,MRPS10</i>	0.64	0.46 - 0.91	0.011
6	41.625 - 41.678	rs4714478	rs9381084	<i>FOXP4</i>	0.65	0.48 - 0.94	0.011
4	146.642 - 146.642	rs2068991	rs2068991	<i>SMAD1-AS2</i>	1.46	1.09 - 1.95	0.011
18	21.189 - 21.837	rs4265900	rs16942056	<i>ZNF521,SS18</i>	1.46	1.09 - 1.95	0.011
6	42.532 - 42.623	rs7741175	rs6458293	<i>TRERF1,UBR2</i>	0.65	0.46 - 0.91	0.011
1	240.319 - 240.748	rs7554715	rs2810003	<i>PLD5</i>	0.65	0.48 - 0.93	0.012
4	128.775 - 128.851	rs6836676	rs4834211	<i>INTU</i>	1.44	1.09 - 1.92	0.012
4	128.866 - 128.869	rs7678085	rs6534637	<i>INTU,SLC25A31</i>	1.44	1.09 - 1.92	0.012
4	128.893 - 128.907	rs9995738	rs3214038	<i>SLC25A31</i>	1.44	1.09 - 1.92	0.012
4	128.935 - 128.953	rs9992298	rs17012675	<i>HSPA4L</i>	1.44	1.09 - 1.92	0.012
4	128.988 - 128.988	rs10857126	rs10857126	<i>HSPA4L,PLK4</i>	1.44	1.09 - 1.92	0.012
4	129.022 - 129.022	rs3811741	rs3811741	<i>PLK4</i>	1.44	1.09 - 1.92	0.012
4	129.061 - 129.071	rs11941857	rs17012788	<i>MFSD8</i>	1.44	1.09 - 1.92	0.012
4	129.118 - 129.147	rs11942726	rs17012867	<i>C4orf29</i>	1.44	1.09 - 1.92	0.012
7	138.913 - 139.120	rs11976298	rs6964028	<i>HIPK2</i>	0.64	0.48 - 0.94	0.012
1	159.499 - 159.521	rs2501862	rs11265582	<i>PCP4L1</i>	0.65	0.47 - 0.93	0.012
18	20.497 - 20.889	rs1680291	rs16941201	<i>RP11-449D8.1,ZNF521</i>	1.45	1.09 - 1.93	0.012
19	5.119 - 5.139	rs8103885	rs2620816	<i>KDM4B,PTPRS</i>	0.62	0.43 - 0.9	0.012
10	120.939 - 120.953	rs1889742	rs10886419	<i>PRDX3,GRK5</i>	1.45	1.06 - 1.88	0.012
7	110.089 - 110.986	rs7781941	rs12705777	<i>IMMP2L</i>	0.66	0.48 - 0.92	0.012

18	3.453 - 3.454	rs16944870	rs10468743	<i>TGIF1,RP11-838N2.4</i>	0.64	0.46 - 0.91	0.012
19	5.549 - 5.570	rs7260385	rs2240239	<i>SAFB2</i>	0.62	0.43 - 0.9	0.012
19	5.603 - 5.617	rs4807804	rs8104044	<i>SAFB</i>	0.62	0.43 - 0.9	0.012
19	5.622 - 5.622	rs952435	rs952435	<i>SAFB,C19orf70</i>	0.62	0.43 - 0.9	0.012
19	5.676 - 5.728	rs10406454	rs2436493	<i>CATSPERD</i>	0.62	0.43 - 0.9	0.012
19	5.736 - 5.736	rs2446193	rs2446193	<i>DUS3L</i>	0.62	0.43 - 0.9	0.012
19	5.743 - 5.750	rs8101416	rs2260187	<i>DUS3L,NRTN</i>	0.62	0.43 - 0.9	0.012
19	5.774 - 5.774	rs3763046	rs3763046	<i>NRTN</i>	0.62	0.43 - 0.9	0.012
6	42.676 - 42.769	rs2025249	rs375435	<i>UBR2</i>	0.65	0.46 - 0.91	0.012
18	19.791 - 19.817	rs1786045	rs17259549	<i>LAMA3,TTC39C</i>	1.44	1.09 - 1.92	0.012
9	38.616 - 38.866	rs10973939	rs368353	<i>FAM201A,CNTNAP3</i>	0.66	0.5 - 0.95	0.012
7	139.695 - 139.742	rs6964909	rs9640466	<i>SLC37A3</i>	0.64	0.46 - 0.91	0.012
9	4.581 - 4.581	rs4376542	rs4376542	<i>SLCIA1,SPATA6L</i>	0.66	0.47 - 0.91	0.012
19	3.828 - 3.830	rs8110283	rs4807525	<i>ZFR2,ATCAY</i>	0.63	0.44 - 0.91	0.012
19	3.854 - 3.854	rs8107133	rs8107133	<i>ATCAY</i>	0.63	0.44 - 0.9	0.012
19	3.461 - 3.484	rs4807483	rs740683	<i>FZRI</i>	0.63	0.43 - 0.9	0.012
7	140.423 - 140.823	rs491554	rs7799309	<i>TMEM178B</i>	0.64	0.46 - 0.92	0.012
18	20.461 - 20.496	rs339869	rs7229976	<i>RP11-449D8.1</i>	1.45	1.08 - 1.92	0.012
6	42.023 - 42.122	rs6913232	rs4560643	<i>CCND3</i>	0.65	0.47 - 0.92	0.012
1	160.617 - 160.623	rs12131795	rs3738395	<i>C1orf226</i>	0.64	0.46 - 0.91	0.012
1	160.626 - 160.627	rs164420	rs12085557	<i>C1orf226,SH2D1B</i>	0.64	0.46 - 0.91	0.012
1	160.634 - 160.641	rs164123	rs12746024	<i>SH2D1B</i>	0.64	0.46 - 0.91	0.012
4	174.199 - 174.323	rs11132977	rs4561909	<i>GALNTL6,GALNT7</i>	1.44	1.06 - 1.88	0.012
4	174.329 - 174.469	rs1006002	rs10520257	<i>GALNT7</i>	1.44	1.08 - 1.91	0.012
6	42.134 - 42.147	rs4714560	rs2492927	<i>TAF8</i>	0.65	0.46 - 0.91	0.012
7	139.761 - 139.772	rs10274134	rs11765962	<i>RAB19</i>	0.64	0.45 - 0.91	0.012
19	3.522 - 3.522	rs11085023	rs11085023	<i>MFS12,HMG20B</i>	0.63	0.43 - 0.9	0.012
19	3.562 - 3.574	rs2158935	rs7253265	<i>CACTIN</i>	0.63	0.43 - 0.9	0.012
19	3.611 - 3.615	rs757454	rs8109485	<i>PIP5K1C</i>	0.63	0.43 - 0.9	0.012
18	19.132 - 19.257	rs8085150	rs2037640	<i>TMEM241</i>	1.44	1.06 - 1.88	0.012
7	34.352 - 34.838	rs1419805	rs17170015	<i>NPSRI-ASI</i>	1.45	1.07 - 1.92	0.012
19	3.438 - 3.438	rs4614855	rs4614855	<i>C19orf77,DOHH</i>	0.63	0.43 - 0.9	0.012
19	3.450 - 3.450	rs8103509	rs8103509	<i>DOHH</i>	0.63	0.43 - 0.9	0.012
19	5.161 - 5.275	rs1143699	rs3948683	<i>PTPRS</i>	0.63	0.43 - 0.9	0.012
1	160.611 - 160.611	rs164181	rs3737312	<i>C1orf111</i>	0.65	0.46 - 0.91	0.012
1	160.266 - 160.304	rs12072417	rs10753746	<i>OLFML2B,NOS1AP</i>	0.65	0.46 - 0.92	0.012
19	3.656 - 3.656	rs11668329	rs11668329	<i>PIP5K1C,TJP3</i>	0.63	0.44 - 0.9	0.012
1	159.967 - 159.983	rs1503813	rs10917835	<i>FCRLB,DUSP12</i>	0.65	0.47 - 0.92	0.012
1	159.999 - 159.999	rs12078104	rs12078104	<i>DUSP12,ATF6</i>	0.65	0.46 - 0.91	0.012
1	160.007 - 160.197	rs905594	rs2499851	<i>ATF6</i>	0.65	0.46 - 0.91	0.012
1	242.150 - 242.265	rs1110349	rs10927113	<i>RP11-278H7.1</i>	0.65	0.48 - 0.95	0.012
7	110.520 - 110.544	rs2107147	rs4730478	<i>IMMP2L,LRRN3</i>	0.66	0.48 - 0.91	0.012
21	22.305 - 22.386	rs9982805	rs17004114	<i>AP000472.2</i>	1.47	1.07 - 1.97	0.013
4	145.889 - 146.109	rs2353920	rs789344	<i>HHIP,ANAPC10</i>	1.45	1.06 - 1.9	0.013

4	129.174 - 129.174	rs17315466	rs17315466	<i>C4orf29,LARP1B</i>	1.43	1.08 - 1.9	0.013
4	129.206 - 129.304	rs4834226	rs6849546	<i>LARP1B</i>	1.43	1.08 - 1.9	0.013
4	129.369 - 129.398	rs12510308	rs17013054	<i>LARP1B,PGRMC2</i>	1.43	1.08 - 1.9	0.013
4	129.409 - 129.417	rs17013071	rs4975180	<i>PGRMC2</i>	1.43	1.08 - 1.9	0.013
7	148.624 - 148.625	rs2269973	rs13240280	<i>LOC155060</i>	0.64	0.46 - 0.91	0.013
7	148.646 - 148.758	rs10229125	rs6970608	<i>LOC155060,ZNF777</i>	0.64	0.45 - 0.91	0.013
1	160.222 - 160.260	rs16835127	rs4657136	<i>OLFML2B</i>	0.65	0.46 - 0.92	0.013
9	38.417 - 38.527	rs10973803	rs6476721	<i>IGFBPL1,FAM95C</i>	0.66	0.48 - 0.92	0.013
1	242.698 - 242.864	rs3003207	rs2653151	<i>C1orf101</i>	0.65	0.47 - 0.93	0.013
19	6.066 - 6.081	rs8104313	rs10417646	<i>RFX2,ACSBG2</i>	0.63	0.44 - 0.91	0.013
19	6.089 - 6.127	rs7256965	rs16993437	<i>ACSBG2</i>	0.63	0.44 - 0.91	0.013
9	70.177 - 70.336	rs12552820	rs265077	<i>PGM5</i>	0.66	0.49 - 0.93	0.013
19	6.147 - 6.157	rs16993484	rs17468222	<i>ACSBG2,MLLT1</i>	0.63	0.44 - 0.91	0.013
19	5.297 - 5.390	rs1207121	rs2082463	<i>PTPRS,ZNRF4</i>	0.63	0.44 - 0.91	0.013
9	38.396 - 38.412	rs10973789	rs1467575	<i>IGFBPL1</i>	0.66	0.48 - 0.92	0.013
9	38.384 - 38.386	rs7846941	rs4878199	<i>ALDH1B1</i>	0.66	0.48 - 0.92	0.013
9	38.389 - 38.395	rs7867383	rs4878203	<i>ALDH1B1,IGFBPL1</i>	0.66	0.48 - 0.92	0.013
7	110.550 - 110.550	rs214865	rs214865	<i>LRRN3</i>	0.66	0.48 - 0.92	0.013
1	159.547 - 159.549	rs16832801	rs4131826	<i>MPZ,SDHC</i>	0.65	0.47 - 0.92	0.013
1	159.553 - 159.599	rs16832813	rs16832859	<i>SDHC</i>	0.65	0.47 - 0.91	0.013
1	159.602 - 159.604	rs16832871	rs16832883	<i>C1orf192</i>	0.65	0.47 - 0.91	0.013
19	5.406 - 5.406	rs2240743	rs2240743	<i>ZNRF4</i>	0.63	0.44 - 0.91	0.013
7	148.518 - 148.518	rs1202468	rs12530946	<i>ZNF398,ZNF282</i>	0.64	0.47 - 0.93	0.013
7	148.526 - 148.547	rs12535115	rs1202397	<i>ZNF282</i>	0.64	0.46 - 0.91	0.013
7	148.562 - 148.562	rs2693319	rs2693319	<i>ZNF282,ZNF212</i>	0.64	0.46 - 0.91	0.013
7	148.568 - 148.576	rs1202427	rs886674	<i>ZNF212</i>	0.64	0.46 - 0.91	0.013
7	148.595 - 148.597	rs12704090	rs7800756	<i>ZNF783</i>	0.64	0.46 - 0.91	0.013
19	6.515 - 6.515	rs348347	rs7508584	<i>TNFSF9,CD70</i>	0.64	0.44 - 0.91	0.013
10	124.916 - 125.414	rs12265522	rs17676342	<i>BUB3,GPR26</i>	1.44	1.08 - 1.92	0.013
1	240.124 - 240.172	rs7521516	rs11581005	<i>EXO1,MAP1LC3C</i>	0.65	0.48 - 0.94	0.013
19	4.591 - 4.591	rs16992471	rs16992471	<i>TNFAIP8L1</i>	0.63	0.44 - 0.91	0.013
19	4.617 - 4.617	rs16992494	rs16992494	<i>C19orf10</i>	0.63	0.44 - 0.91	0.013
19	4.625 - 4.666	rs11670570	rs10402537	<i>DPP9</i>	0.63	0.44 - 0.91	0.013
18	18.261 - 18.766	rs10048227	rs7239066	<i>CTAGE1,RBBP8</i>	1.43	1.06 - 1.87	0.013
10	122.516 - 122.592	rs2997255	rs1254159	<i>MIR5694,WDR11-AS1</i>	1.44	1.08 - 1.92	0.013
10	124.903 - 124.915	rs3763741	rs6599658	<i>BUB3</i>	1.44	1.08 - 1.92	0.013
19	6.486 - 6.486	rs3865469	rs3865469	<i>TNFSF9</i>	0.64	0.44 - 0.91	0.013
17	13.447 - 13.861	rs6502283	rs8066253	<i>HS3ST3A1,CDRT15P1</i>	0.66	0.49 - 0.95	0.013
4	185.790 - 185.804	rs2705897	rs4647614	<i>CASP3</i>	1.44	1.06 - 1.89	0.013
4	185.808 - 185.846	rs12108497	rs2141258	<i>PRIMPOL</i>	1.44	1.08 - 1.93	0.013
1	160.202 - 160.214	rs9783069	rs7529274	<i>ATF6,OLFML2B</i>	0.65	0.47 - 0.92	0.013
19	6.545 - 6.609	rs344596	rs8113119	<i>CD70,TNFSF14</i>	0.64	0.45 - 0.92	0.014
7	109.417 - 110.088	rs2257043	rs869100	<i>EIF3IP1,IMMP2L</i>	0.66	0.51 - 0.97	0.014
10	122.511 - 122.511	rs2997254	rs2997254	<i>WDR11-AS1</i>	1.44	1.08 - 1.92	0.014

5	160.647 - 160.898	rs252951	rs12187676	<i>GABRB2</i>	0.66	0.48 - 0.94	0.014
5	160.909 - 161.035	rs10067495	rs6893149	<i>GABRB2,GABRA6</i>	0.66	0.47 - 0.92	0.014
1	159.938 - 159.938	rs6668534	rs6668534	<i>RPL31P11,FCRLA</i>	0.65	0.47 - 0.92	0.014
1	159.943 - 159.951	rs1538972	rs905595	<i>FCRLA</i>	0.65	0.47 - 0.92	0.014
9	115.961 - 116.110	rs2808784	rs1249759	<i>COL27A1</i>	0.65	0.47 - 0.92	0.014
5	177.955 - 177.957	rs530542	rs262023	<i>COL23A1,CLK4</i>	1.43	1.08 - 1.91	0.014
5	177.965 - 177.965	rs13356921	rs1472457	<i>CLK4</i>	1.43	1.08 - 1.91	0.014
9	70.344 - 70.346	rs7861495	rs10869020	<i>TMEM252</i>	0.66	0.48 - 0.92	0.014
7	142.186 - 142.261	rs2734219	rs8177090	<i>PRSS2,EPHB6</i>	0.65	0.46 - 0.92	0.014
18	18.981 - 19.086	rs4800452	rs6507568	<i>CABLES1</i>	1.43	1.08 - 1.9	0.014
10	42.819 - 42.889	rs1254986	rs2505995	<i>MIR5100,RET</i>	0.67	0.49 - 0.92	0.014
1	159.952 - 159.955	rs10917750	rs10917768	<i>FCRLA,FCRLB</i>	0.65	0.47 - 0.92	0.014
1	159.959 - 159.961	rs4657093	rs12079477	<i>FCRLB</i>	0.65	0.47 - 0.92	0.014
10	42.894 - 42.940	rs2506011	rs2742236	<i>RET</i>	0.67	0.49 - 0.92	0.014
10	42.965 - 42.998	rs2505506	rs2435381	<i>CSGALNACT2</i>	0.67	0.49 - 0.92	0.014
10	43.003 - 43.006	rs2435377	rs12257299	<i>CSGALNACT2,RASGEF1A</i>	0.67	0.49 - 0.92	0.014
18	18.768 - 18.860	rs4800138	rs9304261	<i>RBBP8</i>	1.43	1.08 - 1.9	0.014
10	43.015 - 43.074	rs1254964	rs2253527	<i>RASGEF1A</i>	0.67	0.49 - 0.92	0.014
7	139.864 - 139.910	rs6852	rs5306660	<i>DENND2A</i>	0.65	0.46 - 0.92	0.014
7	139.967 - 140.007	rs17621746	rs2930329	<i>DENND2A,ADCK2</i>	0.65	0.46 - 0.92	0.014
7	140.062 - 140.062	rs1267674	rs1267674	<i>NDUFB2,BRAF</i>	0.65	0.46 - 0.92	0.014
1	242.876 - 242.881	rs1995391	rs2806597	<i>C1orf101,DESI2</i>	0.65	0.47 - 0.93	0.014
6	41.852 - 41.852	rs3761781	rs3761781	<i>FRS3</i>	0.66	0.47 - 0.92	0.014
6	41.859 - 41.859	rs1342549	rs1342549	<i>PRICKLE4</i>	0.66	0.47 - 0.92	0.014
6	41.866 - 41.960	rs3747751	rs1536703	<i>USP49</i>	0.66	0.47 - 0.92	0.014
18	18.901 - 18.963	rs7226453	rs8093542	<i>RBBP8,CABLES1</i>	1.43	1.07 - 1.9	0.014
1	159.529 - 159.539	rs12750393	rs4657015	<i>PCP4L1,MPZ</i>	0.65	0.47 - 0.92	0.014
7	111.016 - 111.144	rs2969506	rs10246418	<i>IMMP2L,DOCK4</i>	0.67	0.48 - 0.92	0.014
1	158.886 - 158.909	rs11265455	rs9330293	<i>SLAMF1,CD48</i>	0.65	0.47 - 0.92	0.014
7	35.708 - 35.719	rs4720182	rs10239503	<i>HERPUD2,AC018647.3</i>	1.44	1.06 - 1.9	0.014
7	35.724 - 35.724	rs17699495	rs17699495	<i>AC018647.3</i>	1.44	1.08 - 1.93	0.014
7	35.730 - 35.797	rs6462623	rs3930640	<i>AC018647.3,SEPT7</i>	1.44	1.08 - 1.93	0.014
7	111.163 - 111.630	rs11767617	rs757196	<i>DOCK4</i>	0.67	0.48 - 0.92	0.014
7	140.040 - 140.040	rs4727041	rs4727041	<i>ADCK2</i>	0.65	0.46 - 0.92	0.014
7	140.047 - 140.052	rs7803697	rs2364396	<i>NDUFB2</i>	0.65	0.46 - 0.92	0.014
7	142.176 - 142.176	rs2855981	rs2855981	<i>PRSS3P2,PRSS2</i>	0.65	0.46 - 0.92	0.014
9	5.565 - 5.611	rs12684209	rs10975202	<i>PDCD1LG2,KIAA1432</i>	0.67	0.49 - 0.93	0.014
7	139.777 - 139.795	rs10247426	rs10257079	<i>RAB19,MKRN1</i>	0.65	0.46 - 0.92	0.014
7	139.804 - 139.814	rs6464779	rs10216203	<i>MKRN1</i>	0.65	0.46 - 0.92	0.014
7	139.828 - 139.860	rs7785094	rs4726876	<i>MKRN1,DENND2A</i>	0.65	0.46 - 0.92	0.014
10	42.660 - 42.801	rs2744088	rs2066394	<i>BMS1,MIR5100</i>	0.68	0.49 - 0.93	0.014
10	42.813 - 42.813	rs947699	rs947699	<i>MIR5100</i>	0.68	0.49 - 0.92	0.014
1	243.388 - 243.929	rs6429526	rs10924309	<i>KIF26B</i>	0.66	0.48 - 0.93	0.014
5	178.076 - 178.081	rs10044496	rs4579271	<i>ZNF354A</i>	1.43	1.07 - 1.9	0.015

5	178.094 - 178.112	rs6868122	rs4280887	<i>ZNF354A, AACSP1</i>	1.43	1.07 - 1.9	0.015
7	142.264 - 142.275	rs8177113	rs8177158	<i>EPHB6</i>	0.65	0.46 - 0.92	0.015
10	120.505 - 120.773	rs11198591	rs10886369	<i>CACUL1, NANOS1</i>	1.43	0.98 - 1.75	0.015
4	185.919 - 185.981	rs4861631	rs1554336	<i>ACSL1</i>	1.43	1.07 - 1.91	0.015
7	111.246 - 111.246	rs17158863	rs17158863	<i>DOCK4-AS1</i>	0.67	0.48 - 0.92	0.015
7	33.916 - 34.159	rs7801918	rs10226493	<i>BMPER</i>	1.44	1.02 - 1.84	0.015
7	142.069 - 142.135	rs17837476	rs9969333	<i>MTRNR2L6, PRSS1</i>	0.65	0.46 - 0.92	0.015
7	142.154 - 142.154	rs2855976	rs10952532	<i>PRSS1, PRSS3P2</i>	0.65	0.46 - 0.92	0.015
5	178.125 - 178.136	rs7703542	rs9717043	<i>AACSP1</i>	1.43	1.07 - 1.9	0.015
5	178.136 - 178.209	rs11953469	rs7446225	<i>AACSP1, ZNF354B</i>	1.43	1.07 - 1.9	0.015
7	140.079 - 140.264	rs11771946	rs10263448	<i>BRAF</i>	0.65	0.46 - 0.92	0.015
7	140.280 - 140.335	rs6974389	rs877730	<i>BRAF, MRPS33</i>	0.65	0.46 - 0.92	0.015
7	140.353 - 140.361	rs38734	rs38743	<i>MRPS33</i>	0.65	0.46 - 0.92	0.015
7	140.367 - 140.404	rs10239770	rs512509	<i>MRPS33, TMEM178B</i>	0.65	0.46 - 0.92	0.015
1	240.036 - 240.076	rs12564332	rs11581448	<i>WDR64, EXO1</i>	0.66	0.47 - 0.92	0.015
1	240.077 - 240.117	rs1635518	rs4150006	<i>EXO1</i>	0.66	0.47 - 0.92	0.015
4	182.224 - 182.315	rs17228300	rs12507155	<i>LINC00290</i>	1.42	1.07 - 1.88	0.015
4	179.151 - 180.199	rs10010019	rs9312239	<i>LINC01098, NONE</i>	1.43	1 - 1.76	0.015
19	6.630 - 6.652	rs2277984	rs445750	<i>C3</i>	0.64	0.46 - 0.94	0.015
7	141.632 - 142.046	rs11767832	rs4726541	<i>TRY2P, MTRNR2L6</i>	0.65	0.47 - 0.95	0.015
7	142.053 - 142.055	rs4726555	rs17163601	<i>MTRNR2L6</i>	0.65	0.46 - 0.92	0.015
1	158.848 - 158.883	rs1408597	rs2295614	<i>SLAMF1</i>	0.66	0.49 - 0.97	0.015
4	185.900 - 185.910	rs6552820	rs6854996	<i>CENPU, ACSL1</i>	1.43	1.07 - 1.91	0.015
7	29.207 - 29.520	rs121724	rs12536350	<i>CHN2</i>	1.44	1.05 - 1.88	0.015
4	185.861 - 185.887	rs4610378	rs7667409	<i>CENPU</i>	1.43	1.07 - 1.91	0.015
7	148.804 - 148.821	rs10266573	rs13236631	<i>ZNF746</i>	0.65	0.46 - 0.92	0.016
7	34.844 - 34.866	rs17200455	rs10238983	<i>NPSR1</i>	1.43	1.07 - 1.91	0.016
7	34.909 - 34.911	rs4723388	rs10259097	<i>NPSR1, DPY19L1</i>	1.43	1.07 - 1.91	0.016
7	34.944 - 35.042	rs1649212	rs329271	<i>DPY19L1</i>	1.43	1.07 - 1.91	0.016
9	2.526 - 2.605	rs16907400	rs10967183	<i>VLDLR-AS1</i>	0.67	0.49 - 0.94	0.016
7	148.773 - 148.789	rs882794	rs3735317	<i>ZNF777</i>	0.65	0.46 - 0.92	0.016
5	37.913 - 38.289	rs12187498	rs6451378	<i>GDNF-AS1, EGFLAM</i>	1.43	1.07 - 1.9	0.016
4	172.984 - 174.182	rs510341	rs10020676	<i>GALNTL6</i>	1.42	1.06 - 1.87	0.016
4	147.860 - 148.084	rs2713878	rs13104820	<i>TTC29</i>	1.43	1.06 - 1.89	0.016
7	139.412 - 139.425	rs10252919	rs10279641	<i>PARP12, KDM7A</i>	0.66	0.47 - 0.93	0.016
7	139.437 - 139.512	rs12703533	rs7790321	<i>KDM7A</i>	0.66	0.47 - 0.92	0.016
1	243.356 - 243.378	rs4658703	rs4658439	<i>EFCAB2, KIF26B</i>	0.66	0.47 - 0.93	0.016
9	36.679 - 36.805	rs10511930	rs1176842	<i>MELK, MIR4475</i>	0.67	0.5 - 0.97	0.016
4	148.874 - 149.207	rs4835093	rs7660368	<i>ARHGAP10</i>	1.43	1.04 - 1.85	0.016
4	149.216 - 149.216	rs11728788	rs11933380	<i>ARHGAP10, NR3C2</i>	1.43	1.07 - 1.9	0.016
9	125.735 - 125.810	rs7863362	rs10818907	<i>DENND1A, LHX2</i>	0.65	0.47 - 0.95	0.016
4	144.843 - 144.994	rs4835333	rs4835047	<i>FREM3, GYPE</i>	1.43	1.07 - 1.92	0.016
4	145.214 - 145.248	rs7663170	rs4350961	<i>GYPB, GYPA</i>	1.43	1.07 - 1.92	0.016
4	145.249 - 145.269	rs3936168	rs4286473	<i>GYPA</i>	1.43	1.07 - 1.92	0.016

9	4.783 - 4.851	rs296847	rs295919	<i>RCL1</i>	0.67	0.5 - 0.95	0.016
4	145.295 - 145.762	rs7688971	rs2942220	<i>GYP A,HHIP-AS1</i>	1.43	1.07 - 1.92	0.016
7	148.827 - 148.872	rs709067	rs6953047	<i>ZNF746,ZNF767</i>	0.65	0.46 - 0.92	0.016
7	148.875 - 148.950	rs10232537	rs354064	<i>ZNF767</i>	0.65	0.46 - 0.92	0.016
1	159.037 - 159.060	rs6427545	rs509749	<i>LY9</i>	0.66	0.47 - 0.93	0.016
9	36.814 - 36.814	rs7848675	rs7848675	<i>MIR4475</i>	0.67	0.48 - 0.93	0.016
9	36.817 - 36.821	rs1410012	rs2851697	<i>MIR4475,PAX5</i>	0.67	0.48 - 0.93	0.016
17	15.314 - 15.345	rs2954788	rs2052022	<i>TVP23C-CDRT4</i>	0.66	0.47 - 0.93	0.016
5	37.883 - 37.902	rs2973120	rs2910750	<i>GDNF,GDNF-AS1</i>	1.42	1.06 - 1.89	0.016
5	37.909 - 37.909	rs12519276	rs12519276	<i>GDNF-AS1</i>	1.42	1.07 - 1.9	0.016
4	144.727 - 144.832	rs13149219	rs6537170	<i>FREM3</i>	1.43	1.05 - 1.89	0.016
2	228.443 - 228.489	rs10498223	rs13406984	<i>DAWI</i>	1.43	0.98 - 1.77	0.016
2	228.506 - 228.546	rs1403970	rs16824273	<i>DAWI,SPHKAP</i>	1.43	1.07 - 1.92	0.016
2	228.572 - 228.745	rs11680053	rs13402484	<i>SPHKAP</i>	1.43	1.07 - 1.92	0.016
7	35.177 - 35.188	rs10282424	rs10247437	<i>DPY19L2P1</i>	1.43	1.07 - 1.9	0.016
1	160.735 - 160.757	rs6656197	rs2342715	<i>UHMK1</i>	0.66	0.47 - 0.93	0.016
1	158.994 - 159.026	rs11582702	rs1333065	<i>SLAMF7,LY9</i>	0.66	0.47 - 0.93	0.016
1	158.953 - 158.953	rs352692	rs352692	<i>CD48,SLAMF7</i>	0.66	0.47 - 0.93	0.016
1	158.976 - 158.990	rs573702	rs526030	<i>SLAMF7</i>	0.66	0.47 - 0.93	0.016
4	146.194 - 146.208	rs11734845	rs12331496	<i>ANAPC10</i>	1.43	1.07 - 1.91	0.017
7	141.014 - 141.045	rs13247859	rs10261515	<i>KIAA1147</i>	0.65	0.47 - 0.93	0.017
7	141.053 - 141.067	rs4726468	rs6971275	<i>WEE2-AS1</i>	0.65	0.46 - 0.93	0.017
7	35.047 - 35.082	rs329277	rs17205723	<i>DPY19L1,DPY19L2P1</i>	1.42	1.07 - 1.9	0.017
19	4.859 - 4.859	rs4807664	rs4807665	<i>ARRDC5,UHRF1</i>	0.64	0.46 - 0.95	0.017
19	4.863 - 4.904	rs2602710	rs1982468	<i>UHRF1</i>	0.64	0.44 - 0.92	0.017
9	125.840 - 126.051	rs7860638	rs7024161	<i>LHX2,NEK6</i>	0.65	0.46 - 0.93	0.017
1	158.919 - 158.947	rs3796502	rs1503849	<i>CD48</i>	0.66	0.47 - 0.93	0.017
9	125.826 - 125.831	rs10760307	rs10760309	<i>LHX2</i>	0.65	0.46 - 0.93	0.017
7	139.369 - 139.407	rs2269997	rs7794528	<i>PARP12</i>	0.66	0.47 - 0.93	0.017
7	30.930 - 30.930	rs1049305	rs11537659	<i>AQP1</i>	1.43	1.07 - 1.91	0.017
7	141.090 - 141.097	rs6957284	rs17162459	<i>SSBPI</i>	0.65	0.46 - 0.93	0.017
7	141.103 - 141.109	rs7790888	rs12703406	<i>SSBPI,TAS2R3</i>	0.65	0.46 - 0.93	0.017
7	141.109 - 141.109	rs6965618	rs6965618	<i>TAS2R3</i>	0.65	0.46 - 0.93	0.017
7	141.114 - 141.115	rs974007	rs971174	<i>TAS2R3,TAS2R4</i>	0.65	0.46 - 0.93	0.017
7	141.130 - 141.130	rs17162510	rs17162510	<i>TAS2R4,TAS2R5</i>	0.65	0.46 - 0.93	0.017
7	141.136 - 141.136	rs2234006	rs2234006	<i>TAS2R5</i>	0.65	0.46 - 0.93	0.017
7	141.138 - 141.178	rs12674391	rs10464444	<i>TAS2R5,PRSS37</i>	0.65	0.46 - 0.93	0.017
4	146.293 - 146.300	rs7696226	rs11734405	<i>OTUD4</i>	1.43	1.07 - 1.91	0.017
4	144.618 - 144.641	rs34332032	rs1912556	<i>GABI,SMARCA5</i>	1.43	1.07 - 1.91	0.017
4	144.661 - 144.697	rs12500603	rs11732122	<i>SMARCA5</i>	1.43	1.07 - 1.91	0.017
7	142.719 - 142.719	rs2140904	rs2140904	<i>CASP2,CLCN1</i>	0.66	0.47 - 0.93	0.017
7	142.724 - 142.756	rs10500136	rs17164250	<i>CLCN1</i>	0.66	0.47 - 0.93	0.017
9	5.500 - 5.558	rs16923189	rs7031529	<i>PDCD1LG2</i>	0.67	0.5 - 0.96	0.017
7	142.482 - 142.532	rs10234375	rs10243198	<i>OR6WIP,PIP</i>	0.66	0.47 - 0.93	0.017

7	142.545 - 142.545	rs9986765	rs9986765	<i>PIP</i>	0.66	0.47 - 0.93	0.017
7	142.609 - 142.623	rs11983741	rs7780478	<i>TAS2R39,TAS2R40</i>	0.66	0.47 - 0.93	0.017
7	142.632 - 142.651	rs9918515	rs10248147	<i>TAS2R40,GSTK1</i>	0.66	0.47 - 0.93	0.017
7	142.709 - 142.709	rs3212148	rs3212148	<i>CASP2</i>	0.66	0.47 - 0.93	0.017
4	144.489 - 144.591	rs17017625	rs17017795	<i>GAB1</i>	1.43	1.06 - 1.9	0.017
9	2.613 - 2.635	rs7032549	rs6143	<i>VLDLR</i>	0.67	0.49 - 0.93	0.017
9	4.855 - 4.966	rs12554461	rs10124001	<i>RCL1,JAK2</i>	0.67	0.49 - 0.94	0.017
4	147.396 - 147.662	rs1057560	rs41398848	<i>SLC10A7</i>	1.42	1.05 - 1.87	0.017
4	147.685 - 147.771	rs2221398	rs1394278	<i>SLC10A7,POU4F2</i>	1.42	1.06 - 1.89	0.017
4	147.799 - 147.830	rs6839918	rs4479726	<i>POU4F2,TTC29</i>	1.42	1.06 - 1.89	0.017
7	141.183 - 141.187	rs7805542	rs10454325	<i>PRSS37</i>	0.66	0.46 - 0.93	0.017
7	141.189 - 141.259	rs9640357	rs6976028	<i>PRSS37,OR9A4</i>	0.66	0.46 - 0.93	0.017
7	141.273 - 141.274	rs1285933	rs1285935	<i>CLEC5A</i>	0.66	0.46 - 0.93	0.017
1	159.193 - 159.223	rs2255847	rs2990701	<i>ITLN2,F11R</i>	0.66	0.47 - 0.93	0.017
1	159.234 - 159.244	rs1062826	rs2247596	<i>F11R</i>	0.66	0.47 - 0.93	0.017
1	159.262 - 159.267	rs7546890	rs12030262	<i>F11R,TSTD1</i>	0.66	0.47 - 0.93	0.017
1	160.772 - 160.791	rs16863247	rs16863381	<i>UHMK1,UAP1</i>	0.66	0.47 - 0.93	0.017
1	160.813 - 160.825	rs6700714	rs12022205	<i>UAP1</i>	0.66	0.47 - 0.93	0.017
1	159.123 - 159.178	rs4656958	rs12058351	<i>ITLN1,ITLN2</i>	0.66	0.47 - 0.93	0.017
1	159.186 - 159.186	rs12059277	rs12095682	<i>ITLN2</i>	0.66	0.47 - 0.93	0.017
9	118.226 - 119.205	rs11999422	rs12553622	<i>ASTN2</i>	0.67	0.51 - 0.99	0.017
9	115.025 - 115.065	rs10981693	rs10981707	<i>SLC31A1</i>	0.67	0.49 - 0.96	0.017
9	115.072 - 115.072	rs10123780	rs10123780	<i>CDC26</i>	0.67	0.48 - 0.93	0.017
9	115.081 - 115.089	rs12343629	rs10981715	<i>PRPF4</i>	0.67	0.48 - 0.93	0.017
18	19.281 - 19.281	rs8083132	rs8083132	<i>TMEM241,RIOK3</i>	1.41	1.06 - 1.88	0.017
18	19.312 - 19.312	rs2270885	rs2270885	<i>RIOK3</i>	1.41	1.06 - 1.88	0.017
18	19.318 - 19.325	rs7241000	rs11875960	<i>RIOK3,C18orf8</i>	1.41	1.06 - 1.88	0.017
18	19.357 - 19.363	rs891387	rs1652376	<i>C18orf8</i>	1.41	1.06 - 1.88	0.017
18	19.367 - 19.421	rs2510344	rs1788774	<i>NPCI</i>	1.41	1.06 - 1.88	0.017
7	142.817 - 142.926	rs12703526	rs17164357	<i>EPHA1-AS1</i>	0.66	0.47 - 0.93	0.017
7	143.056 - 143.057	rs12540107	rs7795149	<i>FAM115C</i>	0.66	0.47 - 0.93	0.017
7	143.061 - 143.061	rs7788482	rs7811442	<i>FAM115C,CTAGE6</i>	0.66	0.47 - 0.93	0.017
7	143.203 - 143.206	rs17164396	rs11768025	<i>FAM115A</i>	0.66	0.47 - 0.93	0.017
7	143.241 - 143.244	rs7806823	rs4373437	<i>FAM115A,OR2F2</i>	0.66	0.47 - 0.93	0.017
7	142.885 - 142.885	rs1404635	rs1404635	<i>TAS2R41</i>	0.66	0.47 - 0.93	0.017
1	159.065 - 159.100	rs11265492	rs4656943	<i>CD244</i>	0.66	0.47 - 0.93	0.018
1	159.100 - 159.111	rs12038419	rs952804	<i>CD244,ITLN1</i>	0.66	0.47 - 0.93	0.018
1	159.112 - 159.121	rs11265506	rs2039415	<i>ITLN1</i>	0.66	0.47 - 0.93	0.018
1	159.469 - 159.471	rs7527212	rs2501873	<i>NR1I3</i>	0.66	0.47 - 0.93	0.018
1	159.484 - 159.491	rs2502807	rs4656997	<i>NR1I3,PCP4L1</i>	0.66	0.47 - 0.93	0.018
9	67.788 - 67.788	rs7041252	rs7041252	<i>ANKRD20A3,LOC642236</i>	0.67	0.49 - 0.93	0.018
4	174.559 - 174.672	rs17325472	rs12505173	<i>SCRG1,HAND2</i>	1.41	1.06 - 1.87	0.018
1	159.277 - 159.281	rs2073656	rs2516837	<i>USF1</i>	0.66	0.47 - 0.93	0.018
4	147.249 - 147.261	rs4835284	rs11721669	<i>LINC01095</i>	1.42	1.06 - 1.89	0.018

4	147.266 - 147.312	rs4835286	rs9997120	<i>LINC01095,LSM6</i>	1.42	1.06 - 1.89	0.018
9	115.144 - 115.145	rs10981743	rs10981748	<i>WDR31,BSPRY</i>	0.66	0.48 - 0.95	0.018
2	228.766 - 229.587	rs4133088	rs6744765	<i>SPHKAP,PID1</i>	1.43	1.06 - 1.91	0.018
17	15.280 - 15.305	rs2954756	rs2875140	<i>CDRT4,TVP23C-CDRT4</i>	0.66	0.49 - 0.96	0.018
9	39.174 - 39.263	rs2990087	rs9407180	<i>CNTNAP3</i>	0.68	0.49 - 0.93	0.018
9	40.085 - 40.085	rs445659	rs445659	<i>FAM74A1,SPATA31A3</i>	0.68	0.49 - 0.93	0.018
9	44.806 - 44.840	rs6606438	rs7848562	<i>LINC01189,FAM27C</i>	0.68	0.49 - 0.93	0.018
4	182.319 - 183.294	rs7663660	rs1450143	<i>LINC00290,MGC45800</i>	1.41	1.06 - 1.87	0.018
9	4.703 - 4.732	rs296827	rs3808855	<i>AK3</i>	0.68	0.49 - 0.93	0.018
7	30.763 - 30.894	rs1061644	rs10267678	<i>INMT-FAM188B</i>	1.42	0.99 - 1.78	0.018
4	144.368 - 144.475	rs6841888	rs300895	<i>USP38,GAB1</i>	1.42	1.06 - 1.9	0.018
1	159.459 - 159.459	rs5085	rs5085	<i>APOA2</i>	0.67	0.48 - 0.93	0.018
9	3.814 - 4.291	rs7049103	rs4741944	<i>GLIS3</i>	0.68	0.52 - 0.97	0.018
5	37.849 - 37.868	rs17379771	rs3096140	<i>GDNF</i>	1.42	1.04 - 1.85	0.018
1	240.267 - 240.313	rs6673338	rs12143106	<i>MAP1LC3C,PLD5</i>	0.67	0.48 - 0.93	0.018
7	142.437 - 142.458	rs6960104	rs7801166	<i>OR9A2,OR6V1</i>	0.66	0.47 - 0.93	0.018
7	142.459 - 142.460	rs17164103	rs7791886	<i>OR6V1</i>	0.66	0.47 - 0.93	0.018
18	19.112 - 19.126	rs8091628	rs9962012	<i>CABLES1,TMEM241</i>	1.41	1.06 - 1.88	0.018
4	143.989 - 144.318	rs4690728	rs9992969	<i>INPP4B,USP38</i>	1.42	1.06 - 1.9	0.018
4	144.333 - 144.360	rs13140326	rs11724872	<i>USP38</i>	1.42	1.06 - 1.9	0.018
17	65.412 - 65.552	rs179918	rs11871263	<i>AC003051.1,LINC01028</i>	0.68	0.51 - 0.96	0.018
1	159.455 - 159.456	rs11421	rs7528588	<i>FCER1G</i>	0.67	0.48 - 0.93	0.018
7	105.677 - 105.711	rs1065322	rs3801266	<i>NAMPT</i>	0.68	0.5 - 0.95	0.018
7	30.901 - 30.903	rs4723021	rs1000597	<i>INMT-FAM188B,AQP1</i>	1.42	1.06 - 1.9	0.018
7	142.770 - 142.770	rs4726612	rs4726612	<i>FAM131B</i>	0.66	0.47 - 0.93	0.018
1	242.620 - 242.631	rs2126343	rs3102475	<i>C1orf100,ADSS</i>	0.66	0.48 - 0.94	0.018
1	242.643 - 242.679	rs10927232	rs3003211	<i>ADSS</i>	0.66	0.47 - 0.93	0.018
7	142.371 - 142.421	rs8175950	rs6977431	<i>KEL,OR9A2</i>	0.66	0.47 - 0.94	0.018
7	142.434 - 142.434	rs9885986	rs9885986	<i>OR9A2</i>	0.66	0.47 - 0.93	0.018
4	123.094 - 123.308	rs7685462	rs4833816	<i>TRPC3,KIAA1109</i>	1.41	1.06 - 1.87	0.018
1	160.838 - 160.866	rs10494372	rs7544972	<i>UAPI,DDR2</i>	0.66	0.47 - 0.93	0.018
7	141.345 - 141.444	rs1294353	rs11976181	<i>MGAM</i>	0.66	0.47 - 0.94	0.019
9	70.353 - 70.508	rs4457398	rs1107107	<i>RP11-274B18.2,PIP5K1B</i>	0.68	0.49 - 0.94	0.019
1	159.409 - 159.411	rs11579514	rs3813620	<i>B4GALT3</i>	0.67	0.48 - 0.94	0.019
1	159.445 - 159.446	rs3924264	rs4656994	<i>NDUFS2</i>	0.67	0.48 - 0.93	0.019
7	141.324 - 141.341	rs17162635	rs1554778	<i>TAS2R38,MGAM</i>	0.66	0.47 - 0.93	0.019
9	65.336 - 65.336	rs10908850	rs10908850	<i>SPATA31A5,PTGER4P2-CD</i>	0.68	0.49 - 0.94	0.019
18	19.429 - 19.429	rs1617407	rs1652359	<i>NPC1,ANKRD29</i>	1.41	1.06 - 1.87	0.019
18	19.446 - 19.494	rs1652366	rs11877542	<i>ANKRD29</i>	1.41	1.06 - 1.87	0.019
10	44.206 - 44.608	rs754618	rs17157023	<i>CXCL12,TMEM72-AS1</i>	0.69	0.52 - 0.96	0.019
4	174.689 - 174.698	rs17059546	rs17059603	<i>HAND2-AS1</i>	1.41	1.06 - 1.87	0.019
5	160.300 - 160.646	rs11950230	rs252952	<i>RP11-109J4.1,GABRB2</i>	0.67	0.5 - 0.97	0.019
7	142.774 - 142.786	rs4489232	rs4726614	<i>FAM131B,ZYX</i>	0.66	0.47 - 0.93	0.019
7	142.792 - 142.792	rs9640381	rs9640381	<i>ZYX</i>	0.66	0.47 - 0.93	0.019

7	142.798 - 142.813	rs6967117	rs4283960	<i>EPHA1</i>	0.66	0.47 - 0.93	0.019
1	159.311 - 159.324	rs4559524	rs1411614	<i>PVRL4</i>	0.67	0.48 - 0.94	0.019
1	159.327 - 159.328	rs11265550	rs12739089	<i>PVRL4,KLHDC9</i>	0.67	0.48 - 0.94	0.019
1	159.340 - 159.350	rs4078017	rs11265554	<i>PFDN2</i>	0.67	0.48 - 0.94	0.019
1	159.359 - 159.359	rs17389237	rs17389237	<i>DEDD,NIT1</i>	0.67	0.48 - 0.94	0.019
1	159.381 - 159.381	rs10732962	rs10732962	<i>DEDD,UFC1</i>	0.67	0.48 - 0.94	0.019
1	159.393 - 159.393	rs12031437	rs12031437	<i>UFC1</i>	0.67	0.48 - 0.94	0.019
4	145.789 - 145.868	rs13146972	rs2353915	<i>HHIP</i>	1.42	1.06 - 1.9	0.019
10	120.923 - 120.926	rs3758609	rs3740562	<i>PRDX3</i>	1.41	1.06 - 1.88	0.019
7	140.838 - 140.894	rs7799164	rs3757470	<i>TMEM178B,AGK</i>	0.66	0.47 - 0.94	0.019
4	174.484 - 174.484	rs11734517	rs11734517	<i>GALNT7,HMGB2</i>	1.40	1.06 - 1.87	0.019
4	174.511 - 174.515	rs7698574	rs7670317	<i>HMGB2,SAP30</i>	1.40	1.06 - 1.87	0.019
4	122.839 - 122.892	rs7676539	rs4833769	<i>ANXA5,TMEM155</i>	1.41	1.04 - 1.84	0.019
4	122.900 - 122.903	rs4075713	rs4075065	<i>TMEM155</i>	1.41	1.06 - 1.87	0.019
1	159.284 - 159.284	rs2774279	rs2774279	<i>ARHGAP30</i>	0.67	0.48 - 0.94	0.019
9	3.540 - 3.811	rs10814235	rs7036785	<i>RFX3,GLIS3</i>	0.68	0.49 - 0.94	0.019
4	122.908 - 122.908	rs4833233	rs4833233	<i>PP12613</i>	1.41	1.06 - 1.87	0.019
4	122.909 - 122.920	rs7661218	rs10007956	<i>PP12613,EXOSC9</i>	1.41	1.06 - 1.87	0.019
4	122.525 - 122.796	rs17051348	rs1031922	<i>QRFPR,ANXA5</i>	1.41	0.98 - 1.76	0.019
4	123.766 - 123.829	rs12505138	rs309388	<i>IL21-AS1</i>	1.41	1.05 - 1.86	0.019
4	123.833 - 123.862	rs309397	rs309343	<i>IL21-AS1,CETN4P</i>	1.41	1.06 - 1.87	0.019
4	124.553 - 124.789	rs407317	rs2589858	<i>SPRY1,LINC01091</i>	1.40	1.04 - 1.83	0.019
7	140.901 - 140.983	rs12669650	rs12703401	<i>AGK</i>	0.66	0.47 - 0.93	0.019
7	142.297 - 142.299	rs4987577	rs4987571	<i>TRPV6,TRPV5</i>	0.66	0.47 - 0.94	0.019
7	142.319 - 142.337	rs4252499	rs4252400	<i>TRPV5</i>	0.66	0.47 - 0.94	0.019
7	142.348 - 142.348	rs8176049	rs8176049	<i>C7orf34,KEL</i>	0.66	0.47 - 0.94	0.019
7	142.348 - 142.367	rs6949788	rs8175963	<i>KEL</i>	0.66	0.47 - 0.94	0.019
1	242.582 - 242.598	rs7538448	rs12048769	<i>C1orf100</i>	0.67	0.48 - 0.94	0.019
4	122.944 - 122.954	rs41462746	rs4256243	<i>EXOSC9</i>	1.41	1.06 - 1.87	0.019
4	122.961 - 122.963	rs769243	rs769240	<i>CCNA2</i>	1.41	1.06 - 1.87	0.019
4	122.965 - 122.999	rs3217753	rs2661555	<i>BBS7</i>	1.41	1.06 - 1.87	0.019
4	123.014 - 123.014	rs17005276	rs17005276	<i>BBS7,TRPC3</i>	1.41	1.06 - 1.87	0.019
4	123.025 - 123.055	rs11726196	rs2292232	<i>TRPC3</i>	1.41	1.06 - 1.87	0.019
4	147.319 - 147.325	rs3775498	rs17814065	<i>LSM6</i>	1.41	1.06 - 1.88	0.019
4	147.332 - 147.393	rs7662843	rs10519782	<i>LSM6,SLC10A7</i>	1.41	1.06 - 1.88	0.019
10	44.779 - 44.801	rs12263146	rs7896801	<i>RASSF4</i>	0.69	0.52 - 0.96	0.019
1	242.090 - 242.135	rs3008657	rs11584607	<i>AKT3,RP11-278H7.1</i>	0.67	0.48 - 0.94	0.019
9	114.899 - 114.905	rs17827840	rs17828145	<i>ZFP37,FAM225B</i>	0.67	0.48 - 0.94	0.019
9	114.906 - 114.906	rs10981630	rs10981630	<i>FAM225B</i>	0.67	0.48 - 0.94	0.019
9	114.924 - 114.951	rs10817441	rs3923601	<i>FAM225A,SLC31A2</i>	0.67	0.48 - 0.94	0.019
9	3.210 - 3.474	rs17658489	rs10115578	<i>RFX3</i>	0.68	0.53 - 0.99	0.019
18	18.042 - 18.246	rs1426022	rs12457136	<i>GATA6,CTAGE1</i>	1.40	0.99 - 1.74	0.019
17	13.916 - 14.052	rs16940865	rs1802618	<i>COX10</i>	0.67	0.52 - 0.99	0.019
17	14.085 - 14.138	rs9907078	rs755732	<i>CDRT15,HS3ST3B1</i>	0.67	0.48 - 0.94	0.019

10	43.087 - 43.181	rs11818744	rs4514358	<i>RASGEF1A,FXYP4</i>	0.69	0.51 - 0.94	0.020
7	148.960 - 149.016	rs6977920	rs2888583	<i>ZNF767,KRBA1</i>	0.66	0.47 - 0.94	0.020
10	43.193 - 43.193	rs7923134	rs7898074	<i>FXYP4,HNRNPF</i>	0.69	0.5 - 0.94	0.020
10	43.200 - 43.214	rs7920539	rs7084706	<i>HNRNPF</i>	0.69	0.5 - 0.94	0.020
9	114.848 - 114.856	rs1411605	rs10981622	<i>ZFP37</i>	0.67	0.48 - 0.94	0.020
7	35.644 - 35.680	rs10280032	rs41418748	<i>HERPUD2</i>	1.42	1.06 - 1.9	0.020
10	44.831 - 44.909	rs7089925	rs2002497	<i>ZNF22,RSU1P2</i>	0.69	0.5 - 0.94	0.020
7	142.279 - 142.279	rs4987687	rs4987687	<i>EPHB6,TRPV6</i>	0.66	0.47 - 0.94	0.020
7	142.290 - 142.291	rs4987622	rs4987612	<i>TRPV6</i>	0.66	0.47 - 0.94	0.020
19	4.918 - 4.918	rs197147	rs197147	<i>UHRF1,KDM4B</i>	0.65	0.45 - 0.93	0.020
18	19.504 - 19.517	rs17259361	rs8083184	<i>ANKRD29,LAMA3</i>	1.40	1.06 - 1.87	0.020
17	65.677 - 65.688	rs236512	rs1544490	<i>KCNJ2</i>	0.68	0.5 - 0.95	0.020
17	65.689 - 66.598	rs4328485	rs9909477	<i>KCNJ2,CASC17</i>	0.68	0.5 - 0.94	0.020
19	4.686 - 4.718	rs10411311	rs11668223	<i>DPP9,MIR7-3HG</i>	0.65	0.45 - 0.94	0.020
19	4.723 - 4.723	rs12462204	rs12462204	<i>MIR7-3HG</i>	0.65	0.45 - 0.93	0.020
9	114.816 - 114.841	rs2418245	rs12378227	<i>ZNF883,ZFP37</i>	0.67	0.48 - 0.94	0.020
7	29.019 - 29.149	rs1403405	rs10486606	<i>CPVL</i>	1.41	1.05 - 1.87	0.020
10	125.845 - 126.063	rs6588740	rs870209	<i>CHST15,OAT</i>	1.41	1.02 - 1.82	0.020
9	7.794 - 8.300	rs10123827	rs13440396	<i>TMEM261,PTPRD</i>	0.68	0.54 - 1.02	0.020
7	31.521 - 31.660	rs13221697	rs11763622	<i>CCDC129</i>	1.42	1.03 - 1.86	0.020
7	37.751 - 37.845	rs2709118	rs2722269	<i>GPR141,NME8</i>	1.42	1.04 - 1.89	0.020
9	70.515 - 70.814	rs4534183	rs872077	<i>PIP5K1B</i>	0.68	0.49 - 0.94	0.020
9	114.694 - 114.789	rs4978511	rs10817420	<i>SLC46A2,ZNF883</i>	0.67	0.49 - 0.95	0.020
4	185.637 - 185.783	rs7658103	rs9685847	<i>IRF2,CASP3</i>	1.41	1.02 - 1.83	0.020
19	4.773 - 4.774	rs4807651	rs11667267	<i>TICAM1</i>	0.65	0.45 - 0.93	0.020
7	31.063 - 31.114	rs11980544	rs1541518	<i>ADCYAP1R1</i>	1.41	1.06 - 1.88	0.020
4	174.700 - 175.377	rs6815714	rs7683422	<i>HAND2-AS1,FBXO8</i>	1.40	1.05 - 1.86	0.020
7	31.669 - 31.691	rs1990372	rs34153	<i>CCDC129,PPP1R17</i>	1.42	1.06 - 1.9	0.020
7	31.692 - 31.711	rs34158	rs34182	<i>PPP1R17</i>	1.42	1.06 - 1.9	0.020
9	5.622 - 5.764	rs4742108	rs10975277	<i>KIAA1432</i>	0.68	0.49 - 0.94	0.020
4	123.402 - 123.490	rs4288027	rs10518399	<i>KIAA1109</i>	1.40	1.05 - 1.87	0.020
4	123.545 - 123.564	rs6823186	rs17005728	<i>ADAD1</i>	1.40	1.05 - 1.87	0.020
4	123.589 - 123.589	rs1479923	rs1479923	<i>ADAD1,IL2</i>	1.40	1.05 - 1.87	0.020
4	123.610 - 123.750	rs11724582	rs925549	<i>IL2,IL21</i>	1.40	1.05 - 1.87	0.020
9	7.167 - 7.782	rs932881	rs327754	<i>KDM4C,TMEM261</i>	0.68	0.52 - 0.99	0.020
10	49.060 - 49.149	rs769008	rs4838403	<i>FRMPD2</i>	0.69	0.51 - 0.95	0.020
19	4.792 - 4.803	rs2779180	rs1055919	<i>PLIN3</i>	0.65	0.45 - 0.94	0.020
7	31.348 - 31.516	rs2215617	rs1154846	<i>NEUROD6,CCDC129</i>	1.41	1.04 - 1.87	0.021
7	31.717 - 31.757	rs11984252	rs17160511	<i>PPP1R17,PDE1C</i>	1.41	1.06 - 1.89	0.021
21	22.394 - 22.394	rs2827240	rs2827240	<i>LINC00308</i>	1.43	1.06 - 1.94	0.021
10	43.227 - 43.227	rs2252783	rs2252783	<i>HNRNPF,ZNF487</i>	0.69	0.51 - 0.95	0.021
10	43.260 - 43.296	rs10899803	rs12359980	<i>ZNF487</i>	0.69	0.51 - 0.95	0.021
7	152.191 - 153.207	rs7787149	rs38993	<i>ACTR3B,DPP6</i>	0.67	0.52 - 1.01	0.021
19	4.740 - 4.740	rs7256240	rs7256240	<i>MIR7-3HG,FEM1A</i>	0.65	0.45 - 0.94	0.021

7	143.469 - 143.501	rs1919955	rs17591937	<i>OR2A14,CTAGE4</i>	0.67	0.48 - 0.94	0.021
7	143.705 - 143.706	rs720475	rs1635079	<i>ARHGEF5</i>	0.67	0.48 - 0.94	0.021
7	143.734 - 143.738	rs4725649	rs17171166	<i>NOBOX</i>	0.67	0.48 - 0.94	0.021
7	143.742 - 143.777	rs1074358	rs17173040	<i>NOBOX,TPK1</i>	0.67	0.48 - 0.94	0.021
7	143.430 - 143.434	rs10282351	rs9691462	<i>OR2A12,OR2A2</i>	0.67	0.49 - 0.96	0.021
7	143.438 - 143.438	rs10252253	rs10252253	<i>OR2A2</i>	0.67	0.48 - 0.94	0.021
7	143.445 - 143.451	rs2951301	rs2951346	<i>OR2A2,OR2A14</i>	0.67	0.48 - 0.94	0.021
7	143.458 - 143.458	rs1881901	rs1881901	<i>OR2A14</i>	0.67	0.48 - 0.94	0.021
17	65.578 - 65.581	rs2108437	rs3760393	<i>LINC01028,KCNJ16</i>	0.69	0.5 - 0.94	0.021
17	65.585 - 65.638	rs2886631	rs998580	<i>KCNJ16</i>	0.69	0.5 - 0.94	0.021
5	161.068 - 161.194	rs10037092	rs11135169	<i>GABRA6,GABRA1</i>	0.68	0.5 - 0.96	0.021
5	161.210 - 161.254	rs6883877	rs6894517	<i>GABRA1</i>	0.68	0.49 - 0.94	0.021
5	161.282 - 161.399	rs7730737	rs17060006	<i>GABRA1,GABRG2</i>	0.68	0.49 - 0.94	0.021
5	161.431 - 161.515	rs183294	rs647625	<i>GABRG2</i>	0.68	0.49 - 0.94	0.021
7	37.009 - 37.016	rs1424297	rs17170830	<i>ELMO1-AS1</i>	1.42	1.06 - 1.92	0.021
19	23.276 - 23.323	rs12608964	rs7256634	<i>LOC100132815,ZNF91</i>	1.41	1.03 - 1.87	0.021
19	23.339 - 23.357	rs7249539	rs11085578	<i>ZNF91</i>	1.41	1.05 - 1.89	0.021
19	23.375 - 23.625	rs12977982	rs8113333	<i>ZNF91,ZNF675</i>	1.41	1.05 - 1.89	0.021
10	120.899 - 120.909	rs12412962	rs3740558	<i>SFXN4</i>	1.40	1.03 - 1.83	0.021
17	15.147 - 15.170	rs230964	rs16951377	<i>TEKT3</i>	0.67	0.48 - 0.94	0.021
10	48.062 - 48.274	rs2853840	rs709617	<i>GDF10,PTPN20B</i>	0.69	0.51 - 0.96	0.021
9	125.193 - 125.731	rs2491351	rs7872162	<i>DENND1A</i>	0.67	0.52 - 1.01	0.021
1	161.111 - 161.303	rs34532917	rs12043369	<i>C1orf110,RGS4</i>	0.67	0.49 - 0.97	0.021
4	148.620 - 148.684	rs6841581	rs5341	<i>EDNRA</i>	1.41	1.05 - 1.88	0.021
7	143.781 - 144.151	rs6953807	rs6946458	<i>TPK1</i>	0.67	0.48 - 0.94	0.021
10	43.318 - 43.370	rs7916718	rs7893169	<i>ZNF487,ZNF239</i>	0.69	0.51 - 0.95	0.021
4	130.024 - 130.201	rs17013898	rs11934130	<i>SCLT1</i>	1.40	1.05 - 1.87	0.021
1	241.494 - 241.717	rs12741781	rs2994327	<i>SDCCAG8</i>	0.68	0.49 - 0.96	0.021
17	17.091 - 17.125	rs1736204	rs8072402	<i>COP3</i>	0.67	0.49 - 0.97	0.021
10	44.917 - 44.969	rs12256114	rs11239368	<i>RSUIP2</i>	0.69	0.51 - 0.95	0.021
9	5.164 - 5.170	rs7040922	rs12115301	<i>INSL6</i>	0.69	0.51 - 0.97	0.021
9	5.181 - 5.212	rs7850294	rs4425810	<i>INSL6,INSL4</i>	0.69	0.5 - 0.95	0.021
4	148.090 - 148.616	rs7664149	rs4333164	<i>TTC29,EDNRA</i>	1.40	1.05 - 1.86	0.021
17	15.415 - 15.451	rs4054403	rs41346256	<i>CDRT1</i>	0.67	0.48 - 0.94	0.022
17	15.495 - 15.524	rs8066692	rs163382	<i>TRIM16</i>	0.67	0.48 - 0.94	0.022
9	5.224 - 5.224	rs10123458	rs10123458	<i>INSL4</i>	0.69	0.5 - 0.95	0.022
9	5.225 - 5.287	rs10975018	rs7047392	<i>INSL4,RLN2</i>	0.69	0.5 - 0.95	0.022
7	138.883 - 138.893	rs11982881	rs41431244	<i>CLEC2L,HIPK2</i>	0.67	0.48 - 0.94	0.022
7	28.835 - 28.951	rs10486595	rs221141	<i>CREB5,TRIL</i>	1.40	1 - 1.78	0.022
10	49.161 - 49.181	rs7095392	rs1919713	<i>FRMPD2,MAPK8</i>	0.69	0.51 - 0.95	0.022
1	241.730 - 242.070	rs14403	rs12087843	<i>AKT3</i>	0.68	0.48 - 0.94	0.022
19	24.140 - 24.313	rs7508396	rs3976345	<i>HAVCR1P1,NONE</i>	1.41	1.05 - 1.89	0.022
19	32.520 - 32.970	rs2198978	rs8102780	<i>NONE,LINC00662</i>	1.41	1.05 - 1.89	0.022
9	129.430 - 129.495	rs10987706	rs12171699	<i>STXBPI</i>	0.66	0.46 - 0.94	0.022

9	117.566 - 117.689	rs689506	rs2106059	<i>LOC101928775,LINC0047</i>	0.67	0.5 - 0.97	0.022
9	129.237 - 129.242	rs7853047	rs7859457	<i>ZNF79</i>	0.66	0.47 - 0.94	0.022
9	129.250 - 129.250	rs2247573	rs2247573	<i>RPL12</i>	0.66	0.46 - 0.94	0.022
9	129.255 - 129.297	rs2491101	rs2798429	<i>LRSAMI</i>	0.66	0.46 - 0.94	0.022
9	129.311 - 129.370	rs2244830	rs10118194	<i>FAM129B</i>	0.66	0.46 - 0.94	0.022
1	241.720 - 241.729	rs884808	rs10927029	<i>AKT3,SDCCAG8</i>	0.68	0.48 - 0.94	0.022
7	31.758 - 32.300	rs6974051	rs215601	<i>PDE1C</i>	1.41	1.05 - 1.89	0.022
17	15.122 - 15.146	rs10852830	rs7213079	<i>PMP22,TEKT3</i>	0.67	0.48 - 0.94	0.022
7	36.461 - 36.514	rs1362272	rs2392446	<i>ANLN,AOAH</i>	1.42	1.05 - 1.9	0.022
7	138.832 - 138.845	rs10262022	rs6952089	<i>KLRG2,CLEC2L</i>	0.67	0.5 - 0.99	0.022
7	138.866 - 138.866	rs7802296	rs7802296	<i>CLEC2L</i>	0.67	0.48 - 0.94	0.022
6	41.984 - 41.990	rs3806113	rs11969866	<i>MED20</i>	0.68	0.49 - 0.95	0.022
6	42.000 - 42.006	rs10947996	rs12661819	<i>BYSL</i>	0.68	0.49 - 0.95	0.022
4	144.711 - 144.715	rs7688510	rs17747275	<i>GUSBP5,FREM3</i>	1.41	1.05 - 1.88	0.022
17	14.951 - 15.069	rs9906223	rs192046	<i>CDRT8,PMP22</i>	0.67	0.49 - 0.97	0.022
17	15.074 - 15.103	rs7538	rs231020	<i>PMP22</i>	0.67	0.48 - 0.94	0.022
7	28.985 - 29.017	rs504453	rs2108382	<i>LOC100506497</i>	1.40	1.05 - 1.86	0.022
9	129.552 - 129.571	rs4837179	rs7037574	<i>SH2D3C</i>	0.66	0.47 - 0.94	0.022
9	129.585 - 129.585	rs1002095	rs7030861	<i>SH2D3C,MIR3960</i>	0.66	0.46 - 0.94	0.022
9	129.602 - 129.602	rs1544105	rs1544105	<i>CDK9,FPGS</i>	0.66	0.46 - 0.94	0.022
9	129.616 - 129.616	rs4451422	rs4451422	<i>ENG,FPGS</i>	0.66	0.46 - 0.94	0.022
9	129.621 - 129.650	rs10819309	rs4836584	<i>ENG</i>	0.66	0.46 - 0.94	0.022
4	130.021 - 130.023	rs1648062	rs11940298	<i>JADE1,SCLT1</i>	1.40	1.05 - 1.87	0.022
17	65.645 - 65.665	rs8078418	rs7219684	<i>KCNJ16,KCNJ2-AS1</i>	0.69	0.5 - 0.95	0.022
7	28.960 - 28.960	rs221152	rs221153	<i>TRIL</i>	1.40	1.05 - 1.87	0.022
19	34.147 - 34.152	rs4513216	rs16962344	<i>LINC00906</i>	1.41	1.05 - 1.89	0.022
19	34.157 - 34.181	rs10412784	rs11665724	<i>LINC00906,LOC10050583</i>	1.41	1.05 - 1.89	0.022
4	129.975 - 130.012	rs17013765	rs6855813	<i>JADE1</i>	1.40	1.05 - 1.87	0.022
19	23.925 - 24.006	rs1122950	rs41402552	<i>ZNF726,ZNF254</i>	1.41	1.05 - 1.88	0.022
19	24.013 - 24.047	rs11880244	rs4932742	<i>ZNF254</i>	1.41	1.05 - 1.89	0.022
19	24.131 - 24.134	rs17687280	rs6511686	<i>ZNF254,HAVCRIP1</i>	1.41	1.05 - 1.89	0.022
9	129.501 - 129.503	rs7039658	rs7047461	<i>STXBPI,C9orf117</i>	0.66	0.47 - 0.94	0.022
9	129.514 - 129.514	rs522328	rs522328	<i>C9orf117</i>	0.66	0.47 - 0.94	0.022
9	129.531 - 129.532	rs553083	rs6478794	<i>TTC16</i>	0.66	0.47 - 0.94	0.022
9	129.537 - 129.537	rs1999224	rs1999224	<i>TOR2A</i>	0.66	0.47 - 0.94	0.022
19	34.199 - 34.385	rs7249829	rs1013424	<i>LOC100505835,UQCRFS1</i>	1.41	1.05 - 1.89	0.022
7	149.045 - 149.052	rs885653	rs740136	<i>KRBAI</i>	0.67	0.47 - 0.94	0.022
7	29.157 - 29.177	rs245889	rs4562212	<i>CPVL,CHN2</i>	1.40	1.04 - 1.86	0.022
9	4.733 - 4.775	rs12352353	rs420565	<i>AK3,RCL1</i>	0.69	0.5 - 0.96	0.022
9	129.074 - 129.182	rs2812294	rs10819283	<i>GARNL3</i>	0.66	0.47 - 0.95	0.022
9	129.208 - 129.209	rs10987637	rs6635	<i>SLC2A8</i>	0.66	0.47 - 0.94	0.022
9	129.214 - 129.214	rs7047760	rs7047760	<i>SLC2A8,ZNF79</i>	0.66	0.47 - 0.94	0.022
4	123.877 - 123.883	rs309362	rs7665271	<i>BBS12</i>	1.40	1.05 - 1.86	0.023
4	123.896 - 123.965	rs6815982	rs308392	<i>BBS12,FGF2</i>	1.40	1.05 - 1.86	0.023

1	160.870 - 161.017	rs4518873	rs1622198	<i>DDR2</i>	0.67	0.49 - 0.96	0.023
10	44.970 - 44.999	rs3851259	rs4948955	<i>ANKRD30BP3</i>	0.69	0.51 - 0.95	0.023
10	45.010 - 45.110	rs10793597	rs12246128	<i>ANKRD30BP3,OR13A1</i>	0.69	0.51 - 0.95	0.023
9	129.668 - 129.668	rs913987	rs913987	<i>AK1</i>	0.66	0.47 - 0.94	0.023
9	129.703 - 129.703	rs2417061	rs2417061	<i>ST6GALNAC6</i>	0.66	0.47 - 0.94	0.023
19	34.188 - 34.196	rs892176	rs4805315	<i>LOC100505835</i>	1.41	1.05 - 1.89	0.023
17	13.341 - 13.446	rs7224624	rs1005639	<i>HS3ST3A1</i>	0.68	0.5 - 0.96	0.023
9	116.203 - 116.302	rs10759694	rs4979416	<i>DFNB31</i>	0.68	0.49 - 0.95	0.023
17	15.352 - 15.399	rs12943480	rs236809	<i>TVP23C,TVP23C-CDRT4</i>	0.68	0.48 - 0.95	0.023
7	31.123 - 31.341	rs17159921	rs9655313	<i>ADCYAP1R1,NEUROD6</i>	1.40	1.04 - 1.85	0.023
9	131.543 - 131.554	rs12004095	rs2241270	<i>PTGES</i>	0.66	0.46 - 0.94	0.023
9	131.557 - 131.592	rs10988496	rs9722212	<i>PTGES,TOR1B</i>	0.66	0.46 - 0.94	0.023
7	28.967 - 28.983	rs221158	rs13227954	<i>TRIL,LOC100506497</i>	1.40	1.05 - 1.86	0.023
10	43.371 - 43.390	rs10793442	rs9422545	<i>ZNF239</i>	0.70	0.51 - 0.95	0.023
10	43.398 - 43.417	rs4948748	rs11238595	<i>ZNF239,ZNF485</i>	0.70	0.51 - 0.95	0.023
7	37.457 - 37.735	rs6950074	rs2709101	<i>ELMO1,GPR141</i>	1.41	1.04 - 1.9	0.023
9	114.955 - 114.964	rs11794048	rs10513187	<i>SLC31A2</i>	0.68	0.49 - 0.95	0.023
4	130.240 - 130.251	rs1757925	rs1867951	<i>C4orf33</i>	1.40	1.05 - 1.86	0.023
4	130.255 - 132.198	rs426521	rs427357	<i>C4orf33,NONE</i>	1.40	1.05 - 1.86	0.023
9	131.536 - 131.538	rs4636306	rs7026441	<i>PRRX2,PTGES</i>	0.66	0.46 - 0.95	0.023
7	143.266 - 143.286	rs11770150	rs10265478	<i>OR2F2,OR2F1</i>	0.67	0.48 - 0.95	0.023
7	141.586 - 141.592	rs1573617	rs1894313	<i>MOXD2P</i>	0.67	0.49 - 0.98	0.023
7	141.597 - 141.597	rs12155110	rs12155110	<i>MOXD2P,PRSS58</i>	0.67	0.47 - 0.95	0.023
7	141.598 - 141.599	rs6963035	rs6964443	<i>PRSS58</i>	0.67	0.47 - 0.95	0.023
7	141.611 - 141.611	rs7801168	rs7801168	<i>PRSS58,TRY2P</i>	0.67	0.47 - 0.95	0.023
7	141.616 - 141.616	rs2001011	rs4236474	<i>TRY2P</i>	0.67	0.47 - 0.95	0.023
7	29.707 - 29.810	rs10276725	rs174909	<i>DPY19L2P3,WIPF3</i>	1.41	1.05 - 1.9	0.024
7	31.347 - 31.347	rs2233402	rs2233398	<i>NEUROD6</i>	1.40	1.05 - 1.87	0.024
9	114.967 - 115.022	rs1128150	rs4979224	<i>FKBP15</i>	0.68	0.49 - 0.95	0.024
9	116.141 - 116.197	rs1038776	rs17231346	<i>AKNA</i>	0.68	0.5 - 0.97	0.024
10	45.265 - 45.266	rs4948674	rs7089063	<i>ALOX5,MARCH8</i>	0.70	0.51 - 0.95	0.024
10	45.273 - 45.407	rs7908745	rs11239571	<i>MARCH8</i>	0.70	0.51 - 0.95	0.024
9	131.476 - 131.514	rs7858199	rs2278623	<i>PRRX2</i>	0.66	0.48 - 0.98	0.024
9	128.724 - 129.022	rs11787970	rs7040276	<i>RALGPS1</i>	0.66	0.49 - 0.99	0.024
18	2.534 - 2.552	rs7226507	rs2347401	<i>METTL4</i>	0.68	0.49 - 0.95	0.024
18	2.562 - 2.606	rs2677894	rs1983346	<i>NDC80</i>	0.68	0.49 - 0.95	0.024
9	70.936 - 71.052	rs7048937	rs2095876	<i>TJP2</i>	0.69	0.52 - 0.99	0.024
7	143.286 - 143.286	rs6971999	rs6971999	<i>OR2F1</i>	0.67	0.48 - 0.95	0.024
7	143.294 - 143.329	rs10261729	rs4725634	<i>OR2F1,OR6B1</i>	0.67	0.48 - 0.95	0.024
4	186.702 - 186.741	rs4293825	rs13123101	<i>PDLIM3,SORBS2</i>	1.40	1.04 - 1.87	0.024
19	23.809 - 23.879	rs7508341	rs1821289	<i>RPSAP58,ZNF726</i>	1.40	1.05 - 1.88	0.024
19	23.892 - 23.904	rs7246598	rs10420981	<i>ZNF726</i>	1.40	1.05 - 1.88	0.024
5	36.641 - 36.725	rs9292636	rs1529461	<i>SLC1A3</i>	1.40	1.02 - 1.82	0.024
10	45.188 - 45.257	rs7913948	rs10751383	<i>ALOX5</i>	0.70	0.51 - 0.95	0.024

9	114.683 - 114.693	rs4978510	rs4142853	<i>SLC46A2</i>	0.68	0.54 - 1.04	0.024
17	16.704 - 16.778	rs1964555	rs8065836	<i>KRT16P2,TNFRSF13B</i>	0.68	0.49 - 0.96	0.024
9	129.042 - 129.062	rs7019618	rs7857422	<i>RALGPS1,GARNL3</i>	0.66	0.47 - 0.95	0.024
9	117.702 - 117.715	rs7468858	rs6478212	<i>LINC00474</i>	0.68	0.48 - 0.95	0.024
19	23.629 - 23.658	rs4380159	rs8105549	<i>ZNF675</i>	1.40	1.05 - 1.88	0.024
19	23.697 - 23.712	rs8112455	rs10421354	<i>ZNF675,ZNF681</i>	1.40	1.05 - 1.88	0.024
19	23.718 - 23.733	rs1852433	rs7508185	<i>ZNF681</i>	1.40	1.05 - 1.88	0.024
19	23.734 - 23.734	rs8112869	rs8112869	<i>ZNF681,RPSAP58</i>	1.40	1.05 - 1.88	0.024
19	23.748 - 23.794	rs6511538	rs7260024	<i>RPSAP58</i>	1.40	1.05 - 1.88	0.024
10	45.118 - 45.118	rs7098434	rs7098434	<i>OR13A1</i>	0.70	0.51 - 0.95	0.024
10	45.151 - 45.188	rs7906533	rs6593482	<i>OR13A1,ALOX5</i>	0.70	0.51 - 0.95	0.024
18	22.234 - 22.286	rs10469035	rs7232668	<i>TAF4B,KCTD1</i>	1.39	1.03 - 1.83	0.024
18	22.288 - 22.487	rs13313687	rs1821895	<i>KCTD1</i>	1.39	1.05 - 1.86	0.024
9	116.310 - 116.377	rs1408524	rs751653	<i>DFNB31,ATP6V1G1</i>	0.68	0.49 - 0.95	0.024
10	43.423 - 43.423	rs3128254	rs10793451	<i>ZNF485</i>	0.70	0.51 - 0.95	0.024
10	43.434 - 43.439	rs7900342	rs11238601	<i>ZNF485,ZNF32-AS3</i>	0.70	0.51 - 0.95	0.024
10	43.447 - 43.487	rs3123674	rs3128252	<i>ZNF32-AS3</i>	0.70	0.51 - 0.95	0.024
10	43.462 - 43.462	rs3128246	rs10751328	<i>ZNF32-AS2,ZNF32-AS3</i>	0.70	0.51 - 0.95	0.024
10	43.462 - 43.462	rs3123672	rs3123672	<i>ZNF32-AS2</i>	0.70	0.51 - 0.95	0.024
10	43.493 - 43.598	rs2484664	rs10751344	<i>ZNF32-AS3,HNRNPA3P1</i>	0.70	0.51 - 0.95	0.024
9	129.742 - 129.775	rs3824527	rs7865476	<i>FAM102A</i>	0.67	0.47 - 0.95	0.024
7	105.545 - 105.666	rs176510	rs10261830	<i>SYPL1,NAMPT</i>	0.69	0.51 - 0.97	0.024
7	29.523 - 29.560	rs10244178	rs10951234	<i>CHN2,PRR15</i>	1.41	1.05 - 1.9	0.024
7	29.578 - 29.635	rs17754241	rs850015	<i>PRR15,LOC646762</i>	1.41	1.05 - 1.9	0.024
9	38.531 - 38.531	rs10973883	rs10973883	<i>FAM95C</i>	0.69	0.5 - 0.95	0.024
7	148.410 - 148.415	rs1405123	rs6959224	<i>ZNF786</i>	0.68	0.5 - 0.98	0.024
7	148.450 - 148.450	rs7794500	rs7794500	<i>ZNF425</i>	0.68	0.48 - 0.95	0.024
7	148.478 - 148.508	rs12540094	rs12704069	<i>ZNF398</i>	0.68	0.48 - 0.95	0.024
9	129.710 - 129.713	rs1127024	rs3780668	<i>ST6GALNAC4</i>	0.67	0.47 - 0.95	0.024
9	129.737 - 129.741	rs6781	rs3824528	<i>DPM2</i>	0.67	0.47 - 0.95	0.024
14	47.341 - 49.093	rs10131739	rs7154992	<i>LINC00648,RPS29</i>	0.69	0.52 - 0.99	0.024
7	149.068 - 149.090	rs1439104	rs41493844	<i>KRBA1,ZNF467</i>	0.67	0.47 - 0.95	0.024
19	4.841 - 4.841	rs2656938	rs2656938	<i>ARRDC5</i>	0.66	0.46 - 0.95	0.024
14	31.042 - 31.095	rs2378931	rs8020297	<i>GPR33,NUBPL</i>	0.70	0.53 - 0.98	0.024
14	31.110 - 31.400	rs8009647	rs10348	<i>NUBPL</i>	0.70	0.51 - 0.95	0.024
10	126.865 - 127.246	rs2478578	rs7896345	<i>CTBP2,TEX36-AS1</i>	1.39	1.01 - 1.81	0.024
2	223.285 - 223.420	rs16864047	rs6712809	<i>MOGAT1,ACSL3</i>	1.40	1 - 1.8	0.024
9	115.121 - 115.130	rs7038589	rs12348236	<i>WDR31</i>	0.68	0.49 - 0.96	0.024
7	29.657 - 29.686	rs1728538	rs850106	<i>LOC646762</i>	1.41	1.05 - 1.89	0.024
4	186.743 - 187.100	rs6823490	rs4862603	<i>SORBS2</i>	1.40	1.04 - 1.87	0.025
17	15.876 - 16.050	rs8076864	rs9897073	<i>NCOR1</i>	0.68	0.49 - 0.95	0.025
17	16.117 - 16.170	rs2014604	rs2302314	<i>PIGL</i>	0.68	0.49 - 0.95	0.025
17	15.794 - 15.817	rs758857	rs2779212	<i>ADORA2B</i>	0.68	0.49 - 0.95	0.025
17	15.825 - 15.833	rs10491104	rs4792709	<i>ZSWIM7</i>	0.68	0.49 - 0.95	0.025

17	15.844 - 15.868	rs758853	rs11078324	<i>TTC19</i>	0.68	0.49 - 0.95	0.025
9	4.983 - 5.100	rs6476934	rs17425637	<i>JAK2</i>	0.69	0.5 - 0.96	0.025
9	116.390 - 116.400	rs10982318	rs7868842	<i>ATP6V1G1</i>	0.68	0.49 - 0.95	0.025
9	116.410 - 116.410	rs4978600	rs4978600	<i>ATP6V1G1,C9orf91</i>	0.68	0.49 - 0.95	0.025
9	116.415 - 116.445	rs4979443	rs7027937	<i>C9orf91</i>	0.68	0.49 - 0.95	0.025
9	38.539 - 38.557	rs10758505	rs4440700	<i>FAM95C,ANKRD18A</i>	0.69	0.5 - 0.95	0.025
9	38.573 - 38.589	rs2993201	rs10511949	<i>ANKRD18A</i>	0.69	0.5 - 0.95	0.025
4	122.808 - 122.833	rs17718	rs6534310	<i>ANXA5</i>	1.39	1.04 - 1.85	0.025
17	16.186 - 16.186	rs3112524	rs7477	<i>CENPV</i>	0.68	0.49 - 0.95	0.025
9	128.894 - 128.894	rs2297866	rs2297866	<i>ANGPTL2</i>	0.67	0.47 - 0.95	0.025
9	128.905 - 128.905	rs11792699	rs11792699	<i>ANGPTL2,RALGPS1</i>	0.67	0.47 - 0.95	0.025
17	16.315 - 16.325	rs4792752	rs16959748	<i>FAM211A</i>	0.68	0.49 - 0.95	0.025
17	16.342 - 16.391	rs673760	rs9904252	<i>FAM211A,ZNF287</i>	0.68	0.49 - 0.95	0.025
9	129.790 - 129.848	rs7868260	rs10819341	<i>FAM102A,NAIF1</i>	0.67	0.47 - 0.95	0.025
4	189.341 - 189.611	rs4604130	rs6821958	<i>TRIML1,LINC01060</i>	1.39	1.01 - 1.81	0.025
4	189.613 - 189.752	rs436141	rs10026205	<i>LINC01060</i>	1.39	1.04 - 1.85	0.025
17	15.671 - 15.782	rs11871088	rs7225585	<i>MEIS3P1,ADORA2B</i>	0.68	0.49 - 0.96	0.025
17	16.405 - 16.414	rs7211497	rs546844	<i>ZNF287</i>	0.68	0.49 - 0.95	0.025
7	37.745 - 37.745	rs2718038	rs2718038	<i>GPR141</i>	1.41	1.04 - 1.89	0.025
9	119.219 - 119.439	rs7023773	rs7032255	<i>ASTN2,RP11-500B12.1</i>	0.69	0.49 - 0.96	0.025
9	5.444 - 5.461	rs12004327	rs6476976	<i>CD274</i>	0.69	0.51 - 0.98	0.025
7	41.788 - 41.962	rs12701937	rs757910	<i>INHBA-AS1,GLI3</i>	1.40	0.99 - 1.8	0.025
9	131.608 - 131.609	rs10116248	rs1043178	<i>TOR1B</i>	0.66	0.47 - 0.96	0.025
9	131.635 - 131.635	rs2274508	rs2274508	<i>C9orf78</i>	0.66	0.46 - 0.95	0.025
9	131.641 - 131.676	rs7019254	rs11792703	<i>USP20</i>	0.66	0.46 - 0.95	0.025
17	16.200 - 16.218	rs3095168	rs16959630	<i>CENPV,UBB</i>	0.68	0.49 - 0.95	0.026
17	16.292 - 16.312	rs11871929	rs16959738	<i>FAM211A-AS1</i>	0.68	0.49 - 0.96	0.026
1	240.757 - 241.201	rs12067469	rs10926940	<i>PLD5,RP11-261C10.3</i>	0.68	0.51 - 0.99	0.026
18	3.486 - 4.443	rs11664141	rs6506203	<i>DLGAP1</i>	0.68	0.49 - 0.96	0.026
7	149.201 - 149.201	rs6957652	rs6957652	<i>ATP6V0E2-AS1</i>	0.67	0.47 - 0.95	0.026
7	149.103 - 149.153	rs855676	rs2074697	<i>SSPO</i>	0.67	0.48 - 0.96	0.026
7	149.167 - 149.194	rs7782781	rs11544265	<i>ZNF862</i>	0.67	0.47 - 0.95	0.026
17	16.256 - 16.256	rs7217735	rs7217735	<i>UBB,TRPV2</i>	0.68	0.49 - 0.96	0.026
17	16.272 - 16.281	rs4792742	rs7215836	<i>TRPV2</i>	0.68	0.49 - 0.96	0.026
18	2.611 - 2.634	rs7239383	rs648295	<i>NDC80,CBX3P2</i>	0.69	0.49 - 0.96	0.026
7	36.403 - 36.457	rs1419985	rs3801303	<i>ANLN</i>	1.40	1.04 - 1.89	0.026
18	1.353 - 2.525	rs16977211	rs2222169	<i>LINC00470,METTL4</i>	0.69	0.52 - 0.99	0.026
17	16.415 - 16.450	rs9915163	rs1005369	<i>ZNF287,ZNF624</i>	0.68	0.49 - 0.96	0.026
5	161.049 - 161.061	rs3811992	rs4277944	<i>GABRA6</i>	0.69	0.5 - 0.96	0.026
19	34.997 - 35.007	rs3218036	rs3218076	<i>CCNE1</i>	1.41	1.04 - 1.91	0.026
4	124.064 - 124.458	rs12502829	rs6534393	<i>SPATA5</i>	1.38	1.04 - 1.83	0.026
9	5.469 - 5.478	rs7043593	rs16923180	<i>CD274,PDCD1LG2</i>	0.69	0.5 - 0.96	0.026
10	48.032 - 48.037	rs9325886	rs3758496	<i>GDF2</i>	0.70	0.51 - 0.96	0.026
10	48.038 - 48.044	rs12259135	rs7093975	<i>GDF2,GDF10</i>	0.70	0.51 - 0.96	0.026

7	149.202 - 149.202	rs7795944	rs7795944	<i>ATP6V0E2</i>	0.67	0.47 - 0.95	0.026
7	149.241 - 149.571	rs2966518	rs4015652	<i>ATP6V0E2,ACTR3C</i>	0.67	0.47 - 0.95	0.026
19	34.471 - 34.706	rs10414456	rs8104253	<i>LOC284395</i>	1.40	1.03 - 1.85	0.026
10	48.046 - 48.058	rs743508	rs1902724	<i>GDF10</i>	0.70	0.51 - 0.96	0.026
9	116.610 - 116.684	rs1407308	rs7028891	<i>TNFSF15,TNFSF8</i>	0.69	0.5 - 0.97	0.026
10	47.985 - 47.993	rs10508898	rs3167875	<i>ZNF488</i>	0.70	0.52 - 0.97	0.026
10	48.000 - 48.010	rs4922515	rs2376635	<i>RBP3</i>	0.70	0.51 - 0.96	0.026
7	33.616 - 33.908	rs2700675	rs6462517	<i>BBS9,BMPER</i>	1.40	0.98 - 1.77	0.026
7	36.336 - 36.391	rs196657	rs197352	<i>KIAA0895</i>	1.40	1.03 - 1.87	0.026
19	34.718 - 34.742	rs11673641	rs11878923	<i>VSTM2B</i>	1.41	1.03 - 1.88	0.027
10	43.787 - 44.101	rs7904114	rs7911498	<i>LINC00841,LOC10013053</i>	0.70	0.52 - 0.97	0.027
9	5.834 - 5.872	rs10975315	rs10758715	<i>ERMP1,MLANA</i>	0.70	0.51 - 0.96	0.027
9	5.775 - 5.823	rs2797519	rs10975309	<i>ERMP1</i>	0.70	0.51 - 0.96	0.027
4	124.805 - 125.071	rs9307530	rs1048174	<i>LINC01091</i>	1.38	1.04 - 1.84	0.027
10	48.012 - 48.024	rs3758494	rs4922509	<i>RBP3,GDF2</i>	0.70	0.51 - 0.96	0.027
9	6.001 - 6.005	rs10758736	rs343500	<i>RANBP6</i>	0.70	0.51 - 0.96	0.027
9	6.016 - 6.200	rs343485	rs1342328	<i>RANBP6,IL33</i>	0.70	0.51 - 0.96	0.027
9	5.883 - 5.890	rs2150703	rs1331380	<i>MLANA</i>	0.70	0.51 - 0.96	0.027
9	5.905 - 5.905	rs10975346	rs10975346	<i>MLANA,KIAA2026</i>	0.70	0.51 - 0.96	0.027
9	5.918 - 5.998	rs10758721	rs12339889	<i>KIAA2026</i>	0.70	0.51 - 0.96	0.027
7	35.822 - 35.913	rs2893514	rs10233082	<i>SEPT7</i>	1.39	1.04 - 1.87	0.027
6	41.428 - 41.619	rs2068392	rs2395779	<i>NCR2,FOXP4</i>	0.69	0.55 - 1.06	0.027
7	105.307 - 105.388	rs212432	rs2528892	<i>ATXN7L1,CDHR3</i>	0.69	0.53 - 1.01	0.027
7	105.394 - 105.464	rs193803	rs17152488	<i>CDHR3</i>	0.69	0.5 - 0.96	0.027
4	124.490 - 124.525	rs7663357	rs10518414	<i>SPATA5,SPRY1</i>	1.38	1.02 - 1.8	0.027
7	36.101 - 36.106	rs12531986	rs2718007	<i>LOC101928618</i>	1.40	1.04 - 1.88	0.027
7	36.113 - 36.158	rs2700882	rs4302748	<i>LOC101928618,EPPD1</i>	1.40	1.04 - 1.88	0.027
17	15.555 - 15.564	rs163372	rs2240594	<i>ZNF286A</i>	0.68	0.49 - 0.96	0.027
17	16.819 - 16.876	rs6502546	rs4641803	<i>TNFRSF13B,MPRIIP</i>	0.69	0.49 - 0.96	0.027
17	15.189 - 15.278	rs430639	rs17774955	<i>TEKT3,TVP23C-CDRT4</i>	0.68	0.49 - 0.96	0.027
1	238.866 - 239.000	rs4659986	rs6701248	<i>GREM2,RGS7</i>	0.68	0.5 - 0.97	0.027
2	223.518 - 223.623	rs1473290	rs11890421	<i>ACSL3,KCNE4</i>	1.39	1.04 - 1.86	0.027
21	26.088 - 26.168	rs2829908	rs2040275	<i>GABPA,APP</i>	1.39	1.04 - 1.87	0.027
4	123.966 - 124.037	rs308394	rs1476217	<i>FGF2</i>	1.38	1.04 - 1.83	0.027
4	124.033 - 124.059	rs1048201	rs898091	<i>NUDT6</i>	1.38	1.04 - 1.83	0.027
7	35.965 - 36.099	rs12112485	rs2718035	<i>SEPT7,LOC101928618</i>	1.39	1.04 - 1.87	0.027
17	65.107 - 65.410	rs7209856	rs9635666	<i>AC003051.1</i>	0.70	0.52 - 0.98	0.027
17	17.142 - 17.142	rs9899615	rs9899615	<i>COPS3,NT5M</i>	0.69	0.49 - 0.96	0.027
17	16.784 - 16.809	rs17793572	rs7226097	<i>TNFRSF13B</i>	0.69	0.49 - 0.96	0.027
5	37.789 - 37.841	rs2366673	rs11748343	<i>WDR70,GDNF</i>	1.39	1.03 - 1.84	0.027
9	115.101 - 115.101	rs2296073	rs2296073	<i>RNF183</i>	0.69	0.49 - 0.96	0.027
9	115.104 - 115.106	rs7860625	rs10817476	<i>RNF183,WDR31</i>	0.69	0.49 - 0.96	0.027
17	16.512 - 16.528	rs8075374	rs9896514	<i>ZNF624,CCDC144A</i>	0.68	0.49 - 0.96	0.027
17	16.557 - 16.557	rs2621596	rs2621596	<i>CCDC144A</i>	0.68	0.49 - 0.96	0.027

10	44.627 - 44.772	rs2094018	rs10900141	<i>TMEM72-AS1</i>	0.70	0.52 - 0.96	0.027
5	162.880 - 163.806	rs12515718	rs9314026	<i>MAT2B,LOC101927835</i>	0.69	0.5 - 0.97	0.027
17	12.868 - 13.334	rs12943765	rs7209938	<i>ELAC2,HS3ST3A1</i>	0.69	0.52 - 1	0.027
1	241.339 - 241.347	rs6673227	rs7531635	<i>RP11-261C10.3,CEP170</i>	0.69	0.49 - 0.96	0.028
1	241.364 - 241.457	rs2728259	rs4634890	<i>CEP170</i>	0.69	0.49 - 0.96	0.028
19	34.903 - 34.987	rs6509615	rs11671136	<i>C19orf12,CCNE1</i>	1.41	1.03 - 1.89	0.028
19	22.982 - 23.079	rs1729043	rs6511404	<i>ZNF728,ZNF730</i>	1.39	1.02 - 1.84	0.028
19	23.092 - 23.098	rs2219721	rs2169589	<i>ZNF730</i>	1.39	1.04 - 1.87	0.028
10	43.608 - 43.659	rs10793496	rs41531444	<i>HNRNPA3P1,LINC00619</i>	0.70	0.51 - 0.96	0.028
10	44.113 - 44.184	rs2505734	rs266094	<i>LOC100130539,CXCL12</i>	0.70	0.52 - 0.96	0.028
10	44.187 - 44.201	rs1029153	rs2839686	<i>CXCL12</i>	0.70	0.52 - 0.96	0.028
5	177.548 - 177.554	rs9329137	rs2913814	<i>GMCLIP1,HNRNPAB</i>	1.38	1.04 - 1.83	0.028
5	177.565 - 177.565	rs3812089	rs3812089	<i>HNRNPAB</i>	1.38	1.04 - 1.83	0.028
5	177.570 - 177.592	rs2961675	rs9784670	<i>PHYKPL</i>	1.38	1.04 - 1.83	0.028
5	36.347 - 36.638	rs7730506	rs2731878	<i>RANBP3L,SLCIA3</i>	1.39	1.03 - 1.85	0.028
17	17.194 - 17.257	rs11871699	rs7219540	<i>NT5M,SMCR9</i>	0.69	0.49 - 0.96	0.028
2	223.624 - 223.626	rs7602495	rs3795884	<i>KCNE4</i>	1.39	1.04 - 1.86	0.028
5	177.415 - 177.444	rs11953798	rs12656767	<i>FAM153C,N4BP3</i>	1.38	1.03 - 1.82	0.028
19	23.131 - 23.185	rs8106369	rs8106680	<i>ZNF730,ZNF724P</i>	1.39	1.04 - 1.87	0.028
17	16.464 - 16.488	rs16959857	rs7226328	<i>ZNF624</i>	0.69	0.49 - 0.96	0.028
21	26.037 - 26.050	rs13046078	rs2829893	<i>GABPA</i>	1.39	1.04 - 1.87	0.028
5	161.520 - 162.768	rs17462590	rs13172782	<i>GABRG2,CCNG1</i>	0.69	0.5 - 0.96	0.028
5	177.594 - 177.594	rs7719352	rs7719352	<i>PHYKPL,COL23A1</i>	1.38	1.04 - 1.83	0.028
4	186.558 - 186.583	rs3733646	rs2028701	<i>UFSP2</i>	1.39	1.01 - 1.83	0.028
4	186.596 - 186.596	rs4862528	rs4862528	<i>C4orf47</i>	1.39	1.04 - 1.87	0.028
4	186.615 - 186.627	rs11722096	rs12646976	<i>CCDC110</i>	1.39	1.04 - 1.87	0.028
4	186.631 - 186.650	rs11938111	rs4862539	<i>CCDC110,PDLIM3</i>	1.39	1.04 - 1.87	0.028
4	186.658 - 186.686	rs4241804	rs3792700	<i>PDLIM3</i>	1.39	1.04 - 1.87	0.028
17	17.147 - 17.177	rs2041393	rs9912172	<i>NT5M</i>	0.69	0.49 - 0.96	0.028
7	143.385 - 143.398	rs12672742	rs2951308	<i>OR2A5,OR2A25</i>	0.68	0.49 - 0.96	0.028
7	143.408 - 143.412	rs2961139	rs12703567	<i>OR2A25,OR2A12</i>	0.68	0.49 - 0.96	0.028
7	36.163 - 36.308	rs6947233	rs11763116	<i>EEPDI</i>	1.40	1.03 - 1.87	0.028
7	36.308 - 36.326	rs196626	rs6945386	<i>EEPDI,KIAA0895</i>	1.40	1.04 - 1.88	0.028
10	49.324 - 49.527	rs1051509	rs4562728	<i>ARHGAP22</i>	0.71	0.52 - 0.97	0.028
2	223.435 - 223.510	rs7561624	rs10932980	<i>ACSL3</i>	1.39	1.03 - 1.86	0.028
17	16.891 - 17.036	rs11078366	rs1047799	<i>MPRIP</i>	0.69	0.49 - 0.96	0.029
17	17.040 - 17.042	rs8066234	rs16961412	<i>MPRIP,PLD6</i>	0.69	0.49 - 0.96	0.029
5	177.034 - 177.034	rs10077732	rs10077732	<i>LOC202181,FAM153A</i>	1.37	1.03 - 1.82	0.029
5	177.293 - 177.346	rs4246051	rs4413548	<i>LOC728554,PROPI</i>	1.37	1.03 - 1.82	0.029
4	148.836 - 148.868	rs10010585	rs12502667	<i>PRMT9,ARHGAP10</i>	1.38	1.03 - 1.85	0.029
13	48.186 - 48.445	rs9595975	rs2987532	<i>CYSLTR2,FNDC3A</i>	0.70	0.5 - 0.96	0.029
21	25.942 - 26.010	rs10482967	rs2829881	<i>JAM2</i>	1.39	1.03 - 1.86	0.029
21	26.021 - 26.025	rs11910256	rs2829887	<i>ATP5J</i>	1.39	1.04 - 1.87	0.029
4	148.690 - 148.755	rs10028838	rs931779	<i>EDNRA,TMEM184C</i>	1.38	1.03 - 1.85	0.029

21	26.470 - 26.758	rs2156079	rs2830237	<i>APP,CYYR1</i>	1.39	1.02 - 1.84	0.029
21	32.607 - 32.680	rs2236611	rs8126608	<i>URB1</i>	1.39	1.03 - 1.85	0.029
5	177.491 - 177.507	rs10036388	rs6601221	<i>RMND5B</i>	1.37	1.03 - 1.83	0.029
5	177.544 - 177.544	rs9329136	rs9329136	<i>GMCL1P1</i>	1.37	1.03 - 1.83	0.029
13	50.702 - 50.755	rs927864	rs1475377	<i>FAM124A</i>	0.70	0.52 - 0.98	0.029
18	55.249 - 55.514	rs7230906	rs3114279	<i>CCBE1</i>	0.68	0.5 - 1	0.029
9	6.212 - 6.247	rs11787939	rs16924243	<i>IL33</i>	0.70	0.51 - 0.96	0.029
7	105.466 - 105.497	rs367311	rs16872046	<i>CDHR3,SYPL1</i>	0.70	0.51 - 0.97	0.029
7	105.519 - 105.533	rs7782719	rs12667386	<i>SYPL1</i>	0.70	0.5 - 0.96	0.029
5	176.979 - 176.992	rs7727897	rs7731640	<i>LOC202181</i>	1.37	1.02 - 1.79	0.029
10	43.660 - 43.667	rs4948785	rs7909314	<i>LINC00619</i>	0.71	0.52 - 0.96	0.029
10	43.668 - 43.670	rs1468061	rs17154506	<i>LINC00619,LINC00840</i>	0.71	0.52 - 0.96	0.029
10	43.675 - 43.708	rs713496	rs1325486	<i>LINC00840</i>	0.71	0.52 - 0.96	0.029
10	43.720 - 43.720	rs1303233	rs1303233	<i>LINC00840,LINC00841</i>	0.71	0.52 - 0.96	0.029
10	43.727 - 43.784	rs1813245	rs7894721	<i>LINC00841</i>	0.71	0.52 - 0.96	0.029
4	148.770 - 148.776	rs10519911	rs2718447	<i>TMEM184C</i>	1.38	1.03 - 1.85	0.029
4	148.794 - 148.819	rs2718453	rs7687368	<i>PRMT9</i>	1.38	1.03 - 1.85	0.029
5	177.517 - 177.541	rs10040744	rs11747580	<i>NHP2,GMCL1P1</i>	1.37	1.03 - 1.82	0.029
18	2.642 - 2.642	rs492170	rs492170	<i>CBX3P2</i>	0.69	0.5 - 0.96	0.029
13	50.900 - 50.918	rs9535664	rs4941699	<i>INTS6</i>	0.70	0.51 - 0.96	0.029
18	3.057 - 3.210	rs2230164	rs7237476	<i>MYOM1</i>	0.69	0.49 - 0.97	0.029
9	70.839 - 70.905	rs12001326	rs10869867	<i>FXN</i>	0.70	0.51 - 0.97	0.029
21	22.412 - 23.651	rs8128010	rs1354479	<i>LINC00308,D21S2088E</i>	1.40	1.03 - 1.9	0.029
19	23.229 - 23.235	rs3851028	rs295364	<i>LOC100132815</i>	1.39	1.03 - 1.86	0.029
5	37.436 - 37.786	rs6876447	rs13188890	<i>WDR70</i>	1.38	1.03 - 1.84	0.029
9	117.958 - 118.198	rs10983069	rs10759836	<i>PAPPA</i>	0.69	0.52 - 1	0.029
13	48.055 - 48.166	rs2407093	rs9595967	<i>LINC00462,CYSLTR2</i>	0.70	0.52 - 0.99	0.029
7	141.455 - 141.456	rs4428591	rs4288283	<i>MGAM,LOC93432</i>	0.68	0.48 - 0.96	0.029
7	141.459 - 141.483	rs4593441	rs6950381	<i>LOC93432</i>	0.68	0.48 - 0.96	0.029
7	141.492 - 141.584	rs10215277	rs6973013	<i>LOC93432,MOXD2P</i>	0.68	0.48 - 0.96	0.029
5	36.736 - 36.884	rs1019770	rs158409	<i>SLC1A3,LOC646719</i>	1.38	1.03 - 1.84	0.029
9	119.452 - 119.455	rs7020245	rs16905925	<i>RP11-500B12.1</i>	0.69	0.5 - 0.96	0.029
9	119.462 - 119.504	rs1329067	rs2737190	<i>RP11-500B12.1,TLR4</i>	0.69	0.5 - 0.96	0.029
9	119.509 - 119.514	rs7864330	rs5030728	<i>TLR4</i>	0.69	0.5 - 0.96	0.029
19	23.215 - 23.220	rs7246315	rs6511429	<i>ZNF724P</i>	1.39	1.03 - 1.86	0.030
5	36.291 - 36.332	rs6451268	rs16902936	<i>RANBP3L</i>	1.38	1.03 - 1.84	0.030
13	50.814 - 50.828	rs9535647	rs7996243	<i>SERPINE3</i>	0.70	0.51 - 0.97	0.030
9	133.727 - 133.933	rs2987405	rs9411340	<i>MED27</i>	0.68	0.5 - 1	0.030
10	49.197 - 49.312	rs7068398	rs11101320	<i>MAPK8</i>	0.71	0.52 - 0.97	0.030
10	49.321 - 49.321	rs2889611	rs2889611	<i>MAPK8,ARHGAP22</i>	0.71	0.52 - 0.97	0.030
21	25.908 - 25.931	rs2226328	rs9647112	<i>MRPL39,JAM2</i>	1.39	1.03 - 1.86	0.030
9	5.124 - 5.138	rs7038687	rs10118930	<i>JAK2,INSL6</i>	0.70	0.51 - 0.97	0.030
9	133.981 - 134.022	rs10122864	rs1412076	<i>MED27,NTNG2</i>	0.68	0.48 - 0.96	0.030
17	14.877 - 14.946	rs8081521	rs1544535	<i>CDRT7,CDRT8</i>	0.69	0.49 - 0.97	0.030

7	143.378 - 143.379	rs2961144	rs2961148	<i>OR2A5</i>	0.69	0.49 - 0.97	0.030
21	25.727 - 25.847	rs6516671	rs7278807	<i>LINC00158,MIR155HG</i>	1.38	0.99 - 1.79	0.030
10	120.888 - 120.888	rs11819388	rs11819388	<i>FAM45B,SFXN4</i>	1.38	1.03 - 1.83	0.030
9	36.566 - 36.662	rs12346671	rs6476569	<i>MELK</i>	0.70	0.52 - 1	0.030
18	3.005 - 3.052	rs6506041	rs9955849	<i>LPIN2,MYOM1</i>	0.69	0.5 - 0.98	0.030
10	45.489 - 45.535	rs3802542	rs2442927	<i>ZFAND4,FAM21C</i>	0.71	0.52 - 0.97	0.030
17	14.874 - 14.875	rs7208340	rs8182247	<i>CDRT7</i>	0.69	0.51 - 0.99	0.031
9	2.837 - 3.199	rs4741769	rs12006318	<i>KIAA0020,RFX3</i>	0.70	0.55 - 1.03	0.031
21	25.859 - 25.859	rs987195	rs987195	<i>MIR155HG</i>	1.38	1.03 - 1.86	0.031
21	25.878 - 25.878	rs2298369	rs2298369	<i>LINC00515</i>	1.38	1.03 - 1.86	0.031
21	25.886 - 25.899	rs2248298	rs7275556	<i>MRPL39</i>	1.38	1.03 - 1.86	0.031
9	116.943 - 117.205	rs2012775	rs10982726	<i>DEC1</i>	0.69	0.51 - 0.98	0.031
17	14.949 - 14.950	rs8068817	rs16951011	<i>CDRT8</i>	0.69	0.49 - 0.97	0.031
7	143.340 - 143.370	rs10262076	rs17164583	<i>OR6B1,OR2A5</i>	0.69	0.49 - 0.97	0.031
9	136.236 - 136.345	rs7023064	rs12339163	<i>RNU6ATAC,RXRA</i>	0.68	0.48 - 0.98	0.031
21	32.385 - 32.545	rs16988914	rs7280658	<i>LINC00159,MIS18A</i>	1.38	1.01 - 1.8	0.031
21	32.565 - 32.566	rs2833751	rs2833753	<i>MIS18A</i>	1.38	1.03 - 1.85	0.031
21	32.577 - 32.583	rs928752	rs13049431	<i>MIS18A,MRAP</i>	1.38	1.03 - 1.85	0.031
21	32.592 - 32.600	rs2833756	rs7283121	<i>MRAP</i>	1.38	1.03 - 1.85	0.031
13	50.771 - 50.805	rs7985384	rs9591402	<i>FAM124A,SERPINE3</i>	0.70	0.51 - 0.97	0.031
9	5.307 - 5.318	rs7848509	rs10758680	<i>RLN2,RLN1</i>	0.70	0.51 - 0.97	0.031
9	116.591 - 116.606	rs12682881	rs4263839	<i>TNFSF15</i>	0.69	0.5 - 0.97	0.031
5	36.072 - 36.103	rs10038804	rs16902708	<i>UGT3A2</i>	1.38	1.01 - 1.81	0.031
5	36.105 - 36.129	rs2197513	rs33614	<i>UGT3A2,LMBRD2</i>	1.38	1.03 - 1.85	0.031
5	37.409 - 37.412	rs12109225	rs217838	<i>NUP155,WDR70</i>	1.38	1.03 - 1.84	0.031
17	17.055 - 17.069	rs4399589	rs7222600	<i>FLCN</i>	0.69	0.49 - 0.97	0.031
17	17.083 - 17.088	rs12600635	rs1708628	<i>FLCN,COPS3</i>	0.69	0.49 - 0.97	0.031
2	229.601 - 229.841	rs7594377	rs12468558	<i>PIDI</i>	1.37	1.02 - 1.83	0.031
1	158.818 - 158.842	rs6668760	rs2369724	<i>CD84,SLAMF1</i>	0.69	0.49 - 0.97	0.031
5	36.923 - 37.088	rs158622	rs6868809	<i>NIPBL</i>	1.37	1.03 - 1.83	0.031
9	5.326 - 5.326	rs1885497	rs1885498	<i>RLN1</i>	0.70	0.51 - 0.97	0.031
9	5.336 - 5.344	rs7859081	rs10815188	<i>RLN1,PLGRKT</i>	0.70	0.51 - 0.97	0.031
10	47.063 - 47.106	rs7072255	rs10508916	<i>ANTXRPL1</i>	0.71	0.52 - 0.97	0.031
10	47.122 - 47.122	rs7071918	rs7071918	<i>ANTXRPL1,ANTXRL</i>	0.71	0.52 - 0.97	0.031
10	47.129 - 47.157	rs4644590	rs7076022	<i>ANTXRL</i>	0.71	0.52 - 0.97	0.031
10	47.173 - 47.173	rs4128664	rs4128664	<i>ANTXRL,FAM25B</i>	0.71	0.52 - 0.97	0.031
10	47.429 - 47.430	rs2805173	rs2338327	<i>FAM21B</i>	0.71	0.52 - 0.97	0.031
10	47.940 - 47.962	rs7900745	rs1217163	<i>ANXA8,ZNF488</i>	0.71	0.52 - 0.97	0.031
9	116.451 - 116.456	rs10982355	rs10817660	<i>C9orf91,RP11-402G3.3</i>	0.69	0.5 - 0.97	0.031
9	116.470 - 116.483	rs1359992	rs7043282	<i>RP11-402G3.3</i>	0.69	0.5 - 0.97	0.031
5	160.293 - 160.296	rs2090374	rs4921354	<i>RP11-109J4.1</i>	0.70	0.5 - 0.97	0.031
17	17.044 - 17.046	rs8082001	rs7212534	<i>PLD6</i>	0.69	0.49 - 0.97	0.031
19	39.612 - 39.650	rs8103093	rs10414774	<i>UBA2</i>	1.39	1.03 - 1.88	0.031
19	39.653 - 39.659	rs1990972	rs7254944	<i>UBA2,WTIP</i>	1.39	1.03 - 1.88	0.031

21	24.618 - 25.126	rs2258266	rs2829428	<i>AP000469.2,LOC339622</i>	1.39	1.01 - 1.83	0.031
9	116.114 - 116.120	rs1976192	rs2636881	<i>COL27A1,ORM1</i>	0.69	0.5 - 0.97	0.031
17	12.636 - 12.831	rs16946601	rs3744345	<i>ARHGAP44</i>	0.69	0.51 - 1	0.031
19	34.804 - 34.841	rs12983160	rs934120	<i>POP4,PLEKHF1</i>	1.40	1.03 - 1.89	0.031
19	34.864 - 34.864	rs8102949	rs8102949	<i>PLEKHF1,C19orf12</i>	1.40	1.03 - 1.89	0.031
19	34.884 - 34.894	rs3926	rs12977871	<i>C19orf12</i>	1.40	1.03 - 1.89	0.031
7	109.386 - 109.386	rs11984226	rs11984226	<i>EIF3IP1</i>	0.70	0.51 - 0.97	0.031
18	22.064 - 22.225	rs4800250	rs1115979	<i>TAF4B</i>	1.37	1.03 - 1.83	0.031
5	37.111 - 37.111	rs6861906	rs6861906	<i>NIPBL,C5orf42</i>	1.37	1.03 - 1.83	0.031
5	37.163 - 37.269	rs301892	rs13177573	<i>C5orf42</i>	1.37	1.03 - 1.83	0.031
9	117.206 - 117.540	rs7040762	rs12005413	<i>DECI,LOC101928775</i>	0.69	0.5 - 0.97	0.031
1	238.721 - 238.840	rs12072621	rs11578889	<i>GREM2</i>	0.69	0.54 - 1.04	0.031
1	161.060 - 161.089	rs1510324	rs2684878	<i>HSD17B7,C1orf110</i>	0.69	0.5 - 0.97	0.031
1	161.092 - 161.103	rs12132001	rs2805050	<i>C1orf110</i>	0.69	0.49 - 0.97	0.031
10	120.811 - 120.830	rs9325559	rs3808952	<i>EIF3A</i>	1.37	1.03 - 1.83	0.031
7	145.456 - 147.749	rs7797553	rs2530309	<i>CNTNAP2</i>	0.69	0.5 - 0.98	0.031
10	120.850 - 120.850	rs7913400	rs7913400	<i>EIF3A,FAM45A</i>	1.37	1.03 - 1.83	0.031
10	120.864 - 120.885	rs7906373	rs7920891	<i>FAM45B</i>	1.37	1.03 - 1.83	0.031
19	34.752 - 34.787	rs11669470	rs11669068	<i>VSTM2B,POP4</i>	1.40	1.02 - 1.88	0.031
19	34.797 - 34.798	rs10411749	rs7283	<i>POP4</i>	1.40	1.03 - 1.89	0.031
10	49.569 - 49.860	rs17009407	rs1054553	<i>WDFY4</i>	0.71	0.52 - 0.97	0.031
10	49.535 - 49.556	rs11101416	rs4838635	<i>ARHGAP22,WDFY4</i>	0.71	0.52 - 0.97	0.032
9	116.133 - 116.133	rs7018884	rs7018884	<i>ORM2</i>	0.69	0.5 - 0.97	0.032
18	22.035 - 22.055	rs10468885	rs7233413	<i>PSMA8,TAF4B</i>	1.37	1.03 - 1.83	0.032
5	37.317 - 37.321	rs9292651	rs7724176	<i>C5orf42,NUP155</i>	1.37	1.03 - 1.83	0.032
5	37.334 - 37.405	rs216400	rs12054703	<i>NUP155</i>	1.37	1.03 - 1.83	0.032
7	111.775 - 111.842	rs2006275	rs17159611	<i>ZNF277,IFRD1</i>	0.70	0.51 - 0.97	0.032
5	162.824 - 162.840	rs3756648	rs7704594	<i>HMMR</i>	0.70	0.5 - 0.97	0.032
5	162.848 - 162.849	rs299315	rs11135258	<i>RP11-80G7.1</i>	0.70	0.5 - 0.97	0.032
5	162.855 - 162.855	rs10056017	rs299289	<i>RP11-80G7.1,MAT2B</i>	0.70	0.5 - 0.97	0.032
5	162.866 - 162.877	rs11957947	rs7733775	<i>MAT2B</i>	0.70	0.5 - 0.97	0.032
19	39.001 - 39.345	rs29942	rs10420952	<i>KCTD15,LSM14A</i>	1.39	1 - 1.84	0.032
19	39.360 - 39.412	rs529579	rs479036	<i>LSM14A</i>	1.39	1.03 - 1.88	0.032
19	39.415 - 39.429	rs629018	rs6510416	<i>LSM14A,KIAA0355</i>	1.39	1.03 - 1.88	0.032
19	39.446 - 39.536	rs7359931	rs379862	<i>KIAA0355</i>	1.39	1.03 - 1.88	0.032
7	111.850 - 111.903	rs2520482	rs3183621	<i>IFRD1</i>	0.70	0.51 - 0.97	0.032
7	111.682 - 111.761	rs7781245	rs11763588	<i>ZNF277</i>	0.70	0.51 - 0.97	0.032
10	126.076 - 126.083	rs2459216	rs9422807	<i>OAT</i>	1.37	1.03 - 1.84	0.032
5	36.235 - 36.264	rs13174907	rs10079850	<i>NADK2</i>	1.38	1.03 - 1.84	0.032
5	36.281 - 36.281	rs7705858	rs7705858	<i>NADK2,RANBP3L</i>	1.38	1.03 - 1.84	0.032
2	34.401 - 35.890	rs249103	rs12475063	<i>MYADML,LOC100288911</i>	0.70	0.53 - 1.02	0.032
1	158.778 - 158.816	rs12134393	rs977020	<i>CD84</i>	0.69	0.5 - 0.98	0.032
13	51.286 - 51.316	rs1543525	rs9535769	<i>LINC00282</i>	0.70	0.51 - 0.97	0.032
9	116.486 - 116.584	rs12685734	rs7857786	<i>RP11-402G3.3,TNFSF15</i>	0.70	0.5 - 0.97	0.032

1	161.018 - 161.018	rs1780000	rs1780000	<i>DDR2,HSD17B7</i>	0.69	0.49 - 0.97	0.032
19	39.540 - 39.543	rs10411051	rs416602	<i>KIAA0355,GPI</i>	1.39	1.03 - 1.88	0.032
19	39.562 - 39.579	rs8191385	rs8191425	<i>GPI</i>	1.39	1.03 - 1.88	0.032
17	64.836 - 64.917	rs482529	rs6501323	<i>ABCA5,MAP2K6</i>	0.71	0.54 - 1.01	0.032
10	45.422 - 45.422	rs4418752	rs4418752	<i>MARCH8,ZFAND4</i>	0.71	0.52 - 0.97	0.032
10	45.461 - 45.466	rs10751387	rs17157941	<i>ZFAND4</i>	0.71	0.52 - 0.97	0.032
5	159.925 - 160.210	rs3812005	rs4504420	<i>ATP10B</i>	0.70	0.53 - 1.02	0.033
21	31.129 - 31.164	rs7282294	rs2013530	<i>KRTAP7-1,KRTAP11-1</i>	1.37	1.03 - 1.83	0.033
5	162.799 - 162.799	rs299322	rs2069347	<i>CCNG1</i>	0.70	0.5 - 0.97	0.033
10	126.100 - 126.118	rs2807075	rs1710563	<i>OAT,NKX1-2</i>	1.37	1.03 - 1.83	0.033
10	120.887 - 120.887	rs10787921	rs10787921	<i>FAM45A,FAM45B</i>	1.37	1.03 - 1.82	0.033
5	36.179 - 36.179	rs267766	rs267766	<i>LMBRD2</i>	1.37	1.03 - 1.84	0.033
5	36.197 - 36.216	rs10070454	rs27130	<i>SKP2</i>	1.37	1.03 - 1.84	0.033
19	34.394 - 34.394	rs7257235	rs10420904	<i>UQCRFS1</i>	1.38	1.03 - 1.85	0.033
19	34.400 - 34.468	rs759628	rs6509333	<i>UQCRFS1,LOC284395</i>	1.38	1.03 - 1.85	0.033
9	70.820 - 70.837	rs10869721	rs7046232	<i>PRKACG,FXN</i>	0.71	0.52 - 0.97	0.033
5	38.502 - 38.502	rs16903982	rs7715490	<i>EGFLAM,LIFR</i>	1.38	1.03 - 1.84	0.033
7	143.331 - 143.331	rs10246251	rs10246751	<i>OR6B1</i>	0.69	0.49 - 0.97	0.033
13	51.238 - 51.238	rs17075932	rs17075932	<i>WDFY2,DHRS12</i>	0.70	0.51 - 0.97	0.033
13	51.239 - 51.274	rs9526795	rs1923875	<i>DHRS12</i>	0.70	0.51 - 0.97	0.033
17	64.924 - 65.038	rs707248	rs2716197	<i>MAP2K6</i>	0.71	0.52 - 0.97	0.033
9	132.047 - 132.300	rs7862226	rs7041914	<i>NCSI,ASS1</i>	0.68	0.49 - 0.99	0.033
18	21.972 - 22.026	rs9304491	rs2069310	<i>PSMA8</i>	1.37	1.03 - 1.83	0.033
1	161.379 - 161.556	rs1056515	rs12408485	<i>RGS5</i>	0.69	0.5 - 0.98	0.033
7	150.607 - 150.668	rs2530455	rs2487149	<i>SMARCD3,NUB1</i>	0.69	0.51 - 1	0.033
21	27.581 - 28.206	rs464400	rs4817194	<i>MIR5009</i>	1.37	0.95 - 1.71	0.033
21	28.020 - 28.039	rs2831136	rs9975288	<i>LINC00113,MIR5009</i>	1.37	1.03 - 1.83	0.033
19	35.017 - 35.103	rs918587	rs410468	<i>CCNE1,UR11</i>	1.39	1.01 - 1.86	0.033
14	30.576 - 30.628	rs7160965	rs10130804	<i>AP4S1</i>	0.71	0.52 - 0.97	0.033
4	125.076 - 125.764	rs11930406	rs9996039	<i>LINC01091,ANKRD50</i>	1.37	1.02 - 1.8	0.033
5	38.297 - 38.496	rs16903908	rs6890532	<i>EGFLAM</i>	1.37	1 - 1.8	0.033
5	38.437 - 38.437	rs3110992	rs3110992	<i>EGFLAM-AS2</i>	1.37	1.03 - 1.84	0.033
1	161.037 - 161.049	rs11589262	rs2983957	<i>HSD17B7</i>	0.69	0.5 - 0.97	0.033
19	39.694 - 39.755	rs10409991	rs4353567	<i>WTIP,SCGB1B2P</i>	1.39	1.02 - 1.87	0.033
7	41.966 - 42.238	rs7805604	rs10279985	<i>GLI3</i>	1.38	1.02 - 1.85	0.033
7	111.923 - 112.037	rs10953715	rs6977807	<i>LSMEM1,LOC100996249</i>	0.70	0.52 - 0.99	0.033
10	125.501 - 125.630	rs7082842	rs7909120	<i>CPXM2</i>	1.37	0.97 - 1.74	0.033
9	117.546 - 117.546	rs7045256	rs7045256	<i>LOC101928775</i>	0.70	0.5 - 0.97	0.033
18	21.902 - 21.902	rs12326584	rs12326584	<i>SSI8</i>	1.37	1.03 - 1.83	0.033
18	21.926 - 21.926	rs9956158	rs9956158	<i>SSI8,PSMA8</i>	1.37	1.03 - 1.83	0.033
13	48.456 - 48.609	rs7999513	rs1983805	<i>FNDC3A</i>	0.70	0.51 - 0.97	0.033
6	42.779 - 42.799	rs9471904	rs4714621	<i>PRPH2</i>	0.70	0.5 - 0.97	0.033
14	30.462 - 30.561	rs10138011	rs179736	<i>STRN3</i>	0.71	0.52 - 0.98	0.033
10	13.319 - 13.353	rs11258281	rs10508458	<i>UCMA,PHYH</i>	1.35	1.02 - 1.79	0.034

13	50.927 - 50.927	rs9568600	rs9535670	<i>INTS6-AS1</i>	0.71	0.51 - 0.97	0.034
13	50.929 - 50.996	rs11148220	rs12867577	<i>INTS6-AS1,MIR4703</i>	0.71	0.51 - 0.97	0.034
13	51.032 - 51.036	rs7332922	rs4941703	<i>MIR4703,WDFY2</i>	0.71	0.51 - 0.97	0.034
13	51.061 - 51.232	rs17531181	rs12856726	<i>WDFY2</i>	0.71	0.51 - 0.97	0.034
21	26.179 - 26.465	rs2829970	rs364048	<i>APP</i>	1.38	1.02 - 1.83	0.034
18	73.114 - 73.809	rs2156641	rs7505122	<i>GALRI,LINC01029</i>	0.70	0.54 - 1.02	0.034
18	54.962 - 54.972	rs11152125	rs17065517	<i>SEC11C</i>	0.69	0.49 - 0.98	0.034
18	54.978 - 55.034	rs8091691	rs7238501	<i>SEC11C,GRP</i>	0.69	0.49 - 0.97	0.034
5	178.265 - 178.291	rs13189231	rs11956147	<i>ZFP2</i>	1.36	1.02 - 1.82	0.034
5	178.295 - 178.295	rs13362387	rs13362387	<i>ZFP2,ZNF454</i>	1.36	1.02 - 1.82	0.034
5	178.302 - 178.314	rs10060764	rs10075112	<i>ZNF454</i>	1.36	1.02 - 1.82	0.034
5	178.335 - 178.335	rs7735200	rs7735200	<i>ZNF454,GRM6</i>	1.36	1.02 - 1.82	0.034
1	161.317 - 161.374	rs2661315	rs1395961	<i>RGS4,RGS5</i>	0.69	0.51 - 1	0.034
10	13.303 - 13.308	rs4301691	rs2147278	<i>UCMA</i>	1.35	1.02 - 1.79	0.034
18	3.211 - 3.222	rs16944526	rs9635852	<i>MYOM1,MYL12A</i>	0.70	0.5 - 0.97	0.034
18	55.060 - 55.081	rs7227111	rs2849388	<i>GRP,RAX</i>	0.69	0.49 - 0.98	0.034
18	55.085 - 55.085	rs9947104	rs9947104	<i>RAX</i>	0.69	0.49 - 0.97	0.034
18	55.095 - 55.104	rs531018	rs17696454	<i>RAX,CPLX4</i>	0.69	0.49 - 0.97	0.034
18	2.906 - 3.000	rs642926	rs8089690	<i>LPIN2</i>	0.70	0.52 - 1.01	0.034
5	178.232 - 178.235	rs6870926	rs11955586	<i>ZNF354B</i>	1.36	1.02 - 1.82	0.034
5	178.246 - 178.246	rs7731067	rs7731067	<i>ZNF354B,ZFP2</i>	1.36	1.02 - 1.82	0.034
4	176.078 - 176.132	rs12512467	rs7682293	<i>ADAM29</i>	1.36	1 - 1.78	0.034
7	29.820 - 29.920	rs6958967	rs2072175	<i>WIPF3</i>	1.38	1.02 - 1.86	0.034
21	31.174 - 31.174	rs11908965	rs11908965	<i>KRTAP11-1</i>	1.37	1.02 - 1.83	0.034
21	31.179 - 31.326	rs2833145	rs12482609	<i>KRTAP11-1,KRTAP19-8</i>	1.37	1.02 - 1.83	0.034
14	31.401 - 31.606	rs4981133	rs17098499	<i>NUBPL,ARHGAP5-AS1</i>	0.71	0.52 - 0.98	0.034
10	13.183 - 13.211	rs562895	rs17152865	<i>OPTN</i>	1.35	0.99 - 1.74	0.034
13	48.687 - 48.687	rs972297	rs972297	<i>FNDC3A,MLNR</i>	0.71	0.51 - 0.97	0.034
13	48.708 - 48.708	rs1013347	rs1013347	<i>MLNR,CDADC1</i>	0.71	0.51 - 0.97	0.034
13	48.722 - 48.760	rs9316434	rs9568177	<i>CDADC1</i>	0.71	0.51 - 0.97	0.034
4	187.889 - 188.447	rs7673895	rs10002005	<i>FAT1,RP11-138B4.1</i>	1.37	0.99 - 1.77	0.034
9	5.352 - 5.425	rs2236320	rs1322250	<i>PLGRKT</i>	0.71	0.52 - 0.99	0.034
9	127.173 - 127.238	rs7026517	rs6478704	<i>GAPVD1,MAPKAP1</i>	0.69	0.5 - 1	0.034
7	37.856 - 37.906	rs2722372	rs2598117	<i>NME8</i>	1.38	1.02 - 1.86	0.034
19	39.677 - 39.677	rs11671685	rs11671685	<i>WTIP</i>	1.38	1.02 - 1.87	0.034
10	35.904 - 35.928	rs10827514	rs16936162	<i>CCNY,GJD4</i>	0.71	0.52 - 0.98	0.035
10	35.934 - 35.934	rs637881	rs638413	<i>GJD4</i>	0.71	0.52 - 0.98	0.035
10	35.948 - 35.964	rs16936173	rs591788	<i>GJD4,FZD8</i>	0.71	0.52 - 0.98	0.035
10	35.575 - 35.892	rs17500653	rs11010228	<i>CCNY</i>	0.71	0.52 - 0.98	0.035
4	176.142 - 176.786	rs4695994	rs2333243	<i>ADAM29,GPM6A</i>	1.36	1.02 - 1.81	0.035
18	3.255 - 3.268	rs1791064	rs7407604	<i>MYL12B</i>	0.70	0.5 - 0.97	0.035
1	161.558 - 161.588	rs2292274	rs17363117	<i>NUF2</i>	0.70	0.5 - 0.97	0.035
10	13.246 - 13.292	rs7090944	rs12779658	<i>MCM10</i>	1.35	1.02 - 1.79	0.035
5	178.338 - 178.352	rs7725272	rs2645333	<i>GRM6</i>	1.36	1.02 - 1.81	0.035

9	131.410 - 131.435	rs10988449	rs10114250	<i>NTMT1</i>	0.68	0.48 - 0.98	0.035
10	13.223 - 13.240	rs2095387	rs10796033	<i>OPTN,MCM10</i>	1.35	1.02 - 1.78	0.035
10	13.294 - 13.302	rs10508455	rs727517	<i>MCM10,UCMA</i>	1.35	1.02 - 1.79	0.035
12	90.112 - 90.899	rs544968	rs10777371	<i>DCN,C12orf79</i>	0.70	0.52 - 1.01	0.035
9	116.694 - 116.732	rs911605	rs3181354	<i>TNFSF8</i>	0.70	0.5 - 0.98	0.035
7	148.369 - 148.381	rs10952788	rs10233322	<i>PDIA4,ZNF786</i>	0.70	0.51 - 1	0.035
7	151.284 - 151.347	rs10952334	rs7808913	<i>GALNTL5</i>	0.70	0.53 - 1.03	0.035
9	5.429 - 5.436	rs911761	rs702275	<i>PLGRKT,CD274</i>	0.71	0.52 - 0.98	0.035
14	30.289 - 30.403	rs2070337	rs179651	<i>SCFD1,COCH</i>	0.71	0.54 - 1	0.035
4	185.547 - 185.628	rs3775545	rs13146124	<i>IRF2</i>	1.37	0.93 - 1.67	0.035
13	50.556 - 50.639	rs3803198	rs9563030	<i>LINC00371</i>	0.71	0.52 - 0.98	0.035
17	14.154 - 14.190	rs11870163	rs8078587	<i>HS3ST3B1</i>	0.71	0.51 - 0.98	0.035
14	30.412 - 30.430	rs8014942	rs12884979	<i>COCH</i>	0.71	0.52 - 0.98	0.035
14	30.416 - 30.416	rs2239580	rs2239580	<i>RP11-829H16.3</i>	0.71	0.52 - 0.98	0.035
9	116.734 - 116.820	rs3181192	rs10982495	<i>TNFSF8,TNC</i>	0.70	0.52 - 1	0.035
9	116.821 - 116.915	rs11787664	rs10982543	<i>TNC</i>	0.70	0.5 - 0.98	0.035
10	12.452 - 12.908	rs10906138	rs1644391	<i>CAMK1D</i>	1.35	0.97 - 1.72	0.036
9	133.409 - 133.439	rs6597505	rs11243436	<i>UCK1,RAPGEF1</i>	0.68	0.48 - 0.98	0.036
18	55.044 - 55.044	rs11872122	rs11872122	<i>GRP</i>	0.69	0.49 - 0.98	0.036
5	160.212 - 160.289	rs4921346	rs938544	<i>ATP10B,RP11-109J4.1</i>	0.70	0.51 - 0.98	0.036
7	40.879 - 41.672	rs1160780	rs1476665	<i>SUGCT,INHBA</i>	1.38	0.96 - 1.75	0.036
5	178.357 - 178.381	rs1969025	rs6888567	<i>GRM6,ZNF879</i>	1.36	1.02 - 1.81	0.036
9	133.204 - 133.292	rs522464	rs2994046	<i>PPAPDC3,PRRC2B</i>	0.69	0.5 - 1.01	0.036
9	133.298 - 133.364	rs4740238	rs3739501	<i>PRRC2B</i>	0.69	0.48 - 0.98	0.036
9	133.371 - 133.378	rs10448341	rs7865761	<i>POMT1</i>	0.69	0.48 - 0.98	0.036
9	8.310 - 10.596	rs10733545	rs10959196	<i>PTPRD</i>	0.71	0.52 - 0.98	0.036
5	178.388 - 178.391	rs6601006	rs17078988	<i>ZNF879</i>	1.36	1.02 - 1.81	0.036
9	135.852 - 135.877	rs459797	rs10993895	<i>VAV2,LINC00094</i>	0.68	0.49 - 0.99	0.036
7	150.075 - 150.117	rs741069	rs10807988	<i>GIMAPI-GIMAP5,TMEM176</i>	0.69	0.51 - 1	0.036
7	150.127 - 150.127	rs6464106	rs11972506	<i>TMEM176B</i>	0.69	0.49 - 0.98	0.036
10	12.978 - 13.178	rs2280076	rs641928	<i>CCDC3</i>	1.35	1 - 1.76	0.036
18	3.240 - 3.240	rs1662347	rs6506088	<i>MYL12A</i>	0.70	0.5 - 0.98	0.036
9	129.936 - 129.949	rs4837247	rs10987895	<i>PTGES2-ASI,LCN2</i>	0.68	0.49 - 0.99	0.036
10	125.761 - 125.839	rs6588759	rs4450122	<i>CHST15</i>	1.37	1.02 - 1.82	0.036
17	14.149 - 14.149	rs16949359	rs9896731	<i>MGC12916</i>	0.71	0.51 - 0.98	0.036
7	150.883 - 151.190	rs6952258	rs12703164	<i>PRKAG2</i>	0.70	0.51 - 1	0.036
9	6.508 - 6.515	rs10975622	rs11795213	<i>UHRF2,GLDC</i>	0.71	0.52 - 0.98	0.036
9	6.522 - 6.631	rs10975629	rs1755608	<i>GLDC</i>	0.71	0.52 - 0.98	0.036
9	6.325 - 6.398	rs7850988	rs10815430	<i>TPD52L3,UHRF2</i>	0.71	0.52 - 0.98	0.036
9	6.407 - 6.476	rs10739098	rs16924631	<i>UHRF2</i>	0.71	0.52 - 0.98	0.036
9	129.862 - 129.867	rs7875644	rs10760528	<i>NAIF1</i>	0.69	0.49 - 0.98	0.036
9	129.884 - 129.911	rs7036499	rs10760539	<i>SLC25A25</i>	0.69	0.48 - 0.98	0.036
13	48.769 - 48.776	rs6650333	rs9568182	<i>CDADC1,CAB39L</i>	0.71	0.51 - 0.98	0.036
13	48.792 - 48.911	rs2407609	rs9316453	<i>CAB39L</i>	0.71	0.51 - 0.98	0.036

6	43.973 - 44.013	rs1570986	rs9381266	<i>LOC100132354</i>	0.70	0.51 - 0.99	0.036
13	48.920 - 48.966	rs7992603	rs4941643	<i>SETDB2</i>	0.71	0.51 - 0.98	0.036
7	150.131 - 150.133	rs741063	rs17173611	<i>TMEM176A</i>	0.69	0.49 - 0.98	0.036
10	35.546 - 35.557	rs7086503	rs12257770	<i>CREM,CCNY</i>	0.72	0.55 - 1.02	0.036
12	113.618 - 114.871	rs2279801	rs11067863	<i>TBX3,MED13L</i>	1.37	0.97 - 1.75	0.036
9	131.859 - 131.941	rs10115815	rs10988603	<i>GPR107</i>	0.68	0.48 - 0.98	0.037
13	50.470 - 50.538	rs9535553	rs17075276	<i>GUCY1B2</i>	0.71	0.52 - 1	0.037
13	50.540 - 50.542	rs9568502	rs9568503	<i>GUCY1B2,LINC00371</i>	0.71	0.52 - 0.98	0.037
9	129.964 - 129.964	rs2417073	rs2900262	<i>C9orf16</i>	0.69	0.48 - 0.98	0.037
9	131.416 - 131.417	rs16931335	rs918166	<i>C9orf50,NTMT1</i>	0.68	0.48 - 0.98	0.037
17	65.055 - 65.096	rs1989854	rs2040622	<i>MAP2K6,AC003051.1</i>	0.71	0.52 - 0.98	0.037
13	50.648 - 50.688	rs12863194	rs11617882	<i>LINC00371,FAM124A</i>	0.71	0.52 - 0.98	0.037
9	6.256 - 6.303	rs2026991	rs1551761	<i>IL33,TPD52L3</i>	0.71	0.52 - 0.99	0.037
9	6.318 - 6.321	rs3847262	rs16924360	<i>TPD52L3</i>	0.71	0.52 - 0.98	0.037
7	151.209 - 151.281	rs7806048	rs11766254	<i>PRKAG2-AS1,GALNTL5</i>	0.70	0.5 - 0.98	0.037
5	38.720 - 38.726	rs6451402	rs2471156	<i>LIFR-AS1,CTD-2127H9.1</i>	1.37	1.02 - 1.84	0.037
9	131.685 - 131.685	rs10760643	rs10760643	<i>USP20,FNBP1</i>	0.68	0.48 - 0.98	0.037
9	131.706 - 131.837	rs6478924	rs16931713	<i>FNBP1</i>	0.68	0.48 - 0.98	0.037
13	49.274 - 49.344	rs28655007	rs9562933	<i>KPNA3,CTAGE10P</i>	0.71	0.53 - 1	0.037
13	49.399 - 49.399	rs11617754	rs11617754	<i>SPRYD7</i>	0.71	0.51 - 0.98	0.037
13	49.429 - 49.450	rs9568363	rs7994224	<i>SPRYD7,DLEU2</i>	0.71	0.51 - 0.98	0.037
13	49.494 - 49.532	rs2066553	rs790942	<i>DLEU2</i>	0.71	0.51 - 0.98	0.037
1	158.723 - 158.758	rs1249552	rs6689237	<i>SLAMF6</i>	0.70	0.5 - 0.98	0.037
1	158.773 - 158.773	rs11265432	rs7418241	<i>SLAMF6,CD84</i>	0.70	0.5 - 0.98	0.037
9	131.951 - 131.966	rs7851165	rs11789529	<i>GPR107,NCSI</i>	0.68	0.48 - 0.98	0.037
9	127.239 - 127.509	rs1129	rs10986849	<i>MAPKAP1</i>	0.69	0.49 - 0.98	0.037
9	131.462 - 131.465	rs12350659	rs10760632	<i>ASB6,PRRX2</i>	0.68	0.48 - 0.98	0.037
18	54.303 - 54.442	rs12606449	rs9944639	<i>ALPK2</i>	0.69	0.52 - 1.03	0.037
9	2.721 - 2.791	rs12352612	rs12001327	<i>KCNV2,KIAA0020</i>	0.71	0.53 - 1.01	0.037
9	116.922 - 116.941	rs1537016	rs7849467	<i>TNC,DEC1</i>	0.70	0.51 - 0.98	0.037
2	228.212 - 228.254	rs10179572	rs7578736	<i>C2orf83,SLC19A3</i>	1.37	1.02 - 1.84	0.037
1	158.666 - 158.719	rs6688100	rs11265412	<i>VANGL2,SLAMF6</i>	0.70	0.55 - 1.06	0.037
10	126.668 - 126.834	rs6597871	rs1715859	<i>CTBP2</i>	1.36	0.99 - 1.77	0.037
21	31.020 - 31.034	rs2833045	rs9305437	<i>KRTAP21-3,KRTAP21-2</i>	1.36	0.96 - 1.73	0.037
21	31.041 - 31.041	rs2833074	rs2833074	<i>KRTAP21-2</i>	1.36	1.02 - 1.82	0.037
21	31.058 - 31.103	rs11908783	rs2833096	<i>KRTAP21-1,KRTAP8-1</i>	1.36	1.02 - 1.82	0.037
9	131.847 - 131.849	rs7854338	rs2109624	<i>FNBP1,GPR107</i>	0.69	0.48 - 0.98	0.037
9	135.888 - 135.918	rs443876	rs736902	<i>BRD3</i>	0.69	0.48 - 0.98	0.037
9	135.926 - 135.982	rs756679	rs4358859	<i>BRD3,WDR5</i>	0.69	0.48 - 0.98	0.037
13	49.554 - 50.001	rs2066575	rs536338	<i>DLEU1</i>	0.71	0.51 - 0.98	0.038
13	49.583 - 49.583	rs2066587	rs2066587	<i>DLEU1,DLEU2</i>	0.71	0.51 - 0.98	0.038
5	38.734 - 38.873	rs6867640	rs16867780	<i>CTD-2127H9.1</i>	1.37	1.02 - 1.84	0.038
5	38.746 - 38.753	rs6870368	rs10064898	<i>CTD-2127H9.1,LOC10192</i>	1.37	1.02 - 1.84	0.038
18	54.873 - 54.953	rs17834913	rs4940842	<i>OACYLP,SEC11C</i>	0.69	0.49 - 0.98	0.038

9	126.316 - 126.316	rs12349577	rs12349577	<i>NR5A1,NR6A1</i>	0.70	0.49 - 0.98	0.038
7	144.177 - 145.437	rs7786037	rs1526075	<i>TPK1,CNTNAP2</i>	0.70	0.52 - 1.01	0.038
5	163.809 - 163.827	rs9654481	rs6862878	<i>LOC101927835</i>	0.70	0.5 - 0.98	0.038
5	163.834 - 163.902	rs1387395	rs6895444	<i>LOC102546299</i>	0.70	0.5 - 0.98	0.038
4	189.765 - 191.029	rs4241895	rs4863300	<i>LINC01060,FRG1</i>	1.35	1.01 - 1.8	0.038
18	2.648 - 2.783	rs616031	rs16943788	<i>SMCHD1</i>	0.70	0.5 - 0.98	0.038
8	119.702 - 119.806	rs2514599	rs12547530	<i>SAMD12-AS1</i>	1.37	1 - 1.81	0.038
9	131.326 - 131.406	rs9695696	rs2542242	<i>LINC00963,NTMT1</i>	0.68	0.52 - 1.06	0.038
19	22.760 - 22.944	rs12980083	rs289334	<i>ZNF99,ZNF728</i>	1.37	1 - 1.81	0.038
19	22.964 - 22.974	rs10415258	rs2132818	<i>ZNF728</i>	1.37	1.02 - 1.84	0.038
18	55.180 - 55.241	rs2282583	rs12969965	<i>LMAN1,CCBE1</i>	0.69	0.49 - 0.98	0.038
18	55.523 - 55.715	rs1626617	rs17781459	<i>CCBE1,PMAIP1</i>	0.69	0.5 - 0.99	0.038
10	35.979 - 36.105	rs798460	rs9794118	<i>FZD8,PCAT5</i>	0.72	0.53 - 1	0.038
7	150.137 - 150.173	rs6968855	rs6977381	<i>TMEM176A,AOC1</i>	0.70	0.5 - 0.98	0.038
9	126.330 - 126.553	rs2095293	rs7025189	<i>NR6A1</i>	0.70	0.5 - 0.98	0.038
21	25.354 - 25.677	rs2829529	rs1475886	<i>LOC339622,LINC00158</i>	1.37	1 - 1.81	0.039
14	30.997 - 31.018	rs11850273	rs7154915	<i>DTD2,GPR33</i>	0.72	0.53 - 0.99	0.039
6	43.864 - 43.937	rs6909750	rs6458356	<i>VEGFA,LOC100132354</i>	0.71	0.55 - 1.06	0.039
16	45.400 - 45.400	rs17189741	rs17189741	<i>C16orf87</i>	1.37	1.02 - 1.84	0.039
16	45.445 - 45.445	rs1978320	rs1978320	<i>C16orf87,GPT2</i>	1.37	1.02 - 1.84	0.039
16	45.529 - 45.529	rs7186748	rs7186748	<i>GPT2,DNAJA2</i>	1.37	1.02 - 1.84	0.039
16	45.559 - 45.561	rs2034598	rs8054039	<i>DNAJA2</i>	1.37	1.02 - 1.84	0.039
9	135.882 - 135.882	rs12342876	rs408307	<i>LINC00094</i>	0.69	0.48 - 0.98	0.039
7	153.238 - 154.317	rs10487688	rs6943314	<i>DPP6</i>	0.70	0.54 - 1.04	0.039
2	35.901 - 36.431	rs6747236	rs10167098	<i>NONE,LOC100288911</i>	0.71	0.52 - 0.99	0.039
13	50.185 - 50.273	rs2812234	rs9591364	<i>DLEU7</i>	0.71	0.53 - 1	0.039
19	35.200 - 35.547	rs7255586	rs1125867	<i>URI1,ZNF536</i>	1.38	1.01 - 1.86	0.039
9	135.619 - 135.839	rs2797826	rs10993883	<i>VAV2</i>	0.69	0.51 - 1.02	0.039
8	70.500 - 70.513	rs7829527	rs769031	<i>RP11-744J10.3</i>	1.35	1.02 - 1.78	0.039
9	71.246 - 71.476	rs2781530	rs888601	<i>APBA1</i>	0.72	0.53 - 0.99	0.039
5	176.805 - 176.805	rs2731662	rs2731662	<i>PRR7-AS1</i>	1.35	1.02 - 1.79	0.039
5	176.823 - 176.831	rs337374	rs335420	<i>DBN1</i>	1.35	1.02 - 1.79	0.039
9	131.976 - 132.035	rs1017112	rs1054879	<i>NCSI</i>	0.69	0.48 - 0.98	0.039
5	176.934 - 176.941	rs234375	rs424727	<i>FAM193B,TMED9</i>	1.35	1.02 - 1.79	0.039
21	32.692 - 32.704	rs12329905	rs2211790	<i>C21orf119,EVA1C</i>	1.36	1.02 - 1.83	0.039
5	38.597 - 38.703	rs1899940	rs11748742	<i>LIFR-AS1</i>	1.36	1.01 - 1.82	0.039
9	118.493 - 118.497	rs803939	rs803932	<i>ASTN2,TRIM32</i>	0.71	0.51 - 0.98	0.039
9	118.502 - 118.502	rs16933835	rs16933835	<i>TRIM32</i>	0.71	0.51 - 0.98	0.039
9	117.733 - 117.949	rs6478214	rs204520	<i>LINC00474,PAPPA</i>	0.70	0.51 - 0.99	0.039
10	11.850 - 11.896	rs10795891	rs10906021	<i>ECHDC3,PROSER2</i>	1.34	0.99 - 1.74	0.039
5	176.974 - 176.974	rs13169820	rs7720519	<i>B4GALT7,LOC202181</i>	1.35	1.02 - 1.79	0.039
19	38.322 - 38.354	rs17833533	rs7253822	<i>WDR88</i>	1.37	1.01 - 1.84	0.040
7	105.032 - 105.297	rs12535264	rs2392641	<i>ATXN7L1</i>	0.71	0.52 - 0.99	0.040
18	55.114 - 55.122	rs4940456	rs17696543	<i>CPLX4</i>	0.70	0.51 - 1.01	0.040

18	55.142 - 55.142	rs11873113	rs11873113	<i>CPLX4,LMANI</i>	0.70	0.49 - 0.98	0.040
18	55.147 - 55.169	rs1043334	rs12963340	<i>LMANI</i>	0.70	0.49 - 0.98	0.040
14	30.831 - 30.935	rs41508745	rs2378860	<i>HEATR5A</i>	0.72	0.53 - 0.99	0.040
16	45.566 - 45.652	rs4967696	rs933511	<i>DNAJA2,NETO2</i>	1.36	1.02 - 1.83	0.040
16	45.676 - 45.728	rs16952155	rs3095622	<i>NETO2</i>	1.36	1.02 - 1.83	0.040
7	112.252 - 112.338	rs821785	rs6964755	<i>C7orf60</i>	0.71	0.52 - 0.99	0.040
4	188.695 - 188.831	rs12649171	rs7659329	<i>RP11-565A3.2</i>	1.36	1.01 - 1.81	0.040
14	30.965 - 30.989	rs41496248	rs7157390	<i>LOC101927124</i>	0.72	0.53 - 0.99	0.040
5	176.746 - 176.746	rs3812036	rs3812036	<i>SLC34A1</i>	1.35	1.01 - 1.79	0.040
5	176.770 - 176.780	rs1363352	rs7723162	<i>F12,GRK6</i>	1.35	1.01 - 1.79	0.040
7	138.788 - 138.814	rs9632774	rs6945850	<i>KLRG2</i>	0.70	0.5 - 0.98	0.040
21	31.113 - 31.113	rs2898175	rs2898175	<i>KRTAP8-1,KRTAP7-1</i>	1.35	1.01 - 1.81	0.040
21	31.122 - 31.122	rs2833117	rs2833117	<i>KRTAP7-1</i>	1.35	1.01 - 1.81	0.040
7	112.230 - 112.231	rs1718962	rs3957315	<i>TMEM168,C7orf60</i>	0.71	0.52 - 0.99	0.040
9	128.689 - 128.709	rs3120029	rs7859816	<i>ZBTB34,RALGPS1</i>	0.69	0.49 - 0.99	0.040
6	44.085 - 44.187	rs9357427	rs12526662	<i>C6orf223,MRPL14</i>	0.71	0.51 - 0.99	0.040
7	37.964 - 38.158	rs1621407	rs10261592	<i>EPDR1,STARD3NL</i>	1.36	0.98 - 1.77	0.040
9	136.364 - 136.463	rs12351315	rs12336953	<i>RXRA</i>	0.69	0.49 - 0.98	0.040
1	161.599 - 161.654	rs1995785	rs4657271	<i>NUF2,LOC100422212</i>	0.70	0.5 - 0.98	0.040
16	46.301 - 46.651	rs2054000	rs12103132	<i>PHKB,ABCC12</i>	1.36	1.01 - 1.83	0.040
5	178.411 - 178.416	rs10073008	rs4701028	<i>ZNF879,ZNF354C</i>	1.35	1.01 - 1.8	0.040
14	30.750 - 30.821	rs6571396	rs2181420	<i>HECTD1,HEATR5A</i>	0.72	0.53 - 0.99	0.040
5	35.658 - 35.847	rs10512625	rs4869674	<i>SPEF2</i>	1.36	0.99 - 1.77	0.040
17	17.440 - 17.511	rs12937108	rs7225141	<i>PEMT,RAI1</i>	0.71	0.51 - 0.99	0.041
10	36.111 - 36.130	rs2804814	rs977677	<i>PCAT5</i>	0.72	0.53 - 0.99	0.041
9	6.712 - 7.164	rs2996060	rs913590	<i>KDM4C</i>	0.72	0.52 - 0.99	0.041
4	126.461 - 126.634	rs2710555	rs10031677	<i>FAT4</i>	1.35	1.01 - 1.79	0.041
4	126.643 - 126.694	rs4833326	rs10440348	<i>FAT4,NONE</i>	1.35	1.01 - 1.8	0.041
7	138.773 - 138.773	rs7802779	rs7802779	<i>LOC100129148,KLRG2</i>	0.70	0.5 - 0.99	0.041
18	3.871 - 3.875	rs4797127	rs992131	<i>DLGAP1-AS3</i>	0.70	0.5 - 0.99	0.041
14	30.648 - 30.743	rs17097735	rs34745649	<i>HECTD1</i>	0.72	0.53 - 0.99	0.041
13	50.004 - 50.181	rs1239949	rs706593	<i>DLEU1,DLEU7</i>	0.71	0.52 - 0.99	0.041
4	186.546 - 186.546	rs6818425	rs6818425	<i>LRP2BP,ANKRD37</i>	1.36	1.01 - 1.83	0.041
7	138.755 - 138.762	rs8137	rs6960876	<i>LOC100129148</i>	0.70	0.52 - 1.01	0.041
18	907.643 - 1.253	rs1608443	rs1836650	<i>ADCYAP1,LINC00470</i>	0.71	0.53 - 1.01	0.041
9	127.771 - 128.122	rs2058850	rs492656	<i>PBX3,MVB12B</i>	0.70	0.5 - 1	0.041
4	125.856 - 126.454	rs17008498	rs2710572	<i>ANKRD50,FAT4</i>	1.35	1 - 1.78	0.041
14	47.220 - 47.270	rs2021986	rs10467722	<i>MDGA2,MIR548Y</i>	0.72	0.52 - 0.99	0.041
14	47.314 - 47.331	rs11625446	rs2022680	<i>LINC00648</i>	0.72	0.52 - 0.99	0.041
6	44.189 - 44.201	rs4711767	rs1935611	<i>MRPL14</i>	0.71	0.51 - 0.99	0.041
5	35.894 - 35.916	rs11567699	rs1389834	<i>IL7R</i>	1.36	1.01 - 1.81	0.041
18	23.024 - 23.770	rs2252406	rs10469051	<i>CHST9,CDH2</i>	1.35	0.97 - 1.73	0.041
13	47.569 - 47.699	rs1571256	rs9595874	<i>MED4,ITM2B</i>	0.71	0.52 - 0.99	0.041
18	55.723 - 56.185	rs4286195	rs17066839	<i>PMAIP1,MC4R</i>	0.70	0.5 - 0.99	0.041

9	118.208 - 118.226	rs10983139	rs3747832	<i>PAPPA,ASTN2</i>	0.71	0.51 - 0.99	0.041
8	70.183 - 70.477	rs10090360	rs6999492	<i>RP11-600K15.1,RP11-74</i>	1.34	1 - 1.76	0.041
16	47.016 - 47.118	rs8062683	rs8046716	<i>MIR548AE2,N4BP1</i>	1.36	1.01 - 1.83	0.041
10	125.651 - 125.752	rs1914543	rs4929802	<i>CPXM2,CHST15</i>	1.35	1 - 1.8	0.041
9	6.644 - 6.685	rs10815461	rs2381485	<i>GLDC,KDM4C</i>	0.72	0.52 - 0.99	0.041
9	118.200 - 118.200	rs8653	rs8653	<i>PAPPA-AS1</i>	0.71	0.51 - 0.99	0.041
13	50.280 - 50.319	rs9535491	rs480243	<i>DLEU7-AS1</i>	0.71	0.52 - 1	0.042
17	17.263 - 17.267	rs4539660	rs35590625	<i>SMCR9</i>	0.71	0.51 - 1	0.042
17	17.268 - 17.319	rs12949948	rs1242499	<i>SMCR9,MED9</i>	0.71	0.51 - 0.99	0.042
17	17.351 - 17.434	rs4646408	rs4646341	<i>PEMT</i>	0.71	0.51 - 0.99	0.042
10	119.305 - 119.746	rs4751628	rs1833018	<i>EMX2,RAB11FIP2</i>	1.35	0.9 - 1.62	0.042
7	111.910 - 111.917	rs2041066	rs11767398	<i>LSMEM1</i>	0.72	0.52 - 0.99	0.042
4	186.184 - 186.285	rs6827639	rs4862511	<i>HELT,SLC25A4</i>	1.36	1 - 1.79	0.042
9	70.907 - 70.923	rs11145228	rs11145330	<i>FXN,TJP2</i>	0.72	0.52 - 0.99	0.042
16	45.757 - 46.042	rs16953067	rs16945357	<i>ITFG1</i>	1.36	1.01 - 1.83	0.042
19	38.414 - 38.481	rs7359893	rs874966	<i>SLC7A10,CEBPA</i>	1.37	1.01 - 1.85	0.042
16	46.760 - 46.826	rs17821664	rs13336625	<i>ABCC11</i>	1.36	1.01 - 1.82	0.042
16	46.828 - 46.828	rs9932328	rs8043685	<i>ABCC11,MIR548AE2</i>	1.36	1.01 - 1.83	0.042
16	46.835 - 46.941	rs9940038	rs8055764	<i>MIR548AE2</i>	1.36	1.01 - 1.83	0.042
21	23.691 - 24.592	rs200691	rs2828970	<i>D21S2088E,AP000469.2</i>	1.37	0.93 - 1.72	0.042
4	188.831 - 189.142	rs7664640	rs4862846	<i>RP11-565A3.2,ZFP42</i>	1.35	0.96 - 1.74	0.042
16	46.066 - 46.285	rs7200554	rs16945493	<i>PHKB</i>	1.36	1.01 - 1.83	0.042
17	17.320 - 17.332	rs1242500	rs8072971	<i>MED9</i>	0.71	0.51 - 0.99	0.042
17	17.344 - 17.346	rs4924891	rs4479310	<i>RASD1,PEMT</i>	0.71	0.51 - 0.99	0.042
21	32.708 - 32.810	rs8134043	rs2833864	<i>EVAIC</i>	1.36	1.01 - 1.82	0.042
21	14.938 - 15.245	rs458104	rs10482862	<i>LOC388813,NR1P1</i>	1.36	0.98 - 1.79	0.042
5	35.991 - 36.037	rs10472268	rs6890283	<i>UGT3A1</i>	1.35	1.01 - 1.81	0.042
5	36.038 - 36.069	rs7715372	rs10063618	<i>UGT3A1,UGT3A2</i>	1.35	1.01 - 1.81	0.042
7	112.050 - 112.126	rs1234382	rs6970266	<i>AC002463.3</i>	0.72	0.52 - 0.99	0.042
7	38.184 - 38.235	rs6973458	rs10226230	<i>STARD3NL</i>	1.36	1.01 - 1.82	0.042
5	35.924 - 35.938	rs6888699	rs16902562	<i>IL7R,CAPSL</i>	1.35	1.01 - 1.81	0.042
5	35.939 - 35.972	rs2287900	rs6890660	<i>CAPSL</i>	1.35	1.01 - 1.81	0.042
7	105.013 - 105.029	rs1721492	rs12705317	<i>EFCAB10,ATXN7L1</i>	0.71	0.53 - 1.01	0.042
5	35.854 - 35.883	rs7709856	rs1494565	<i>SPEF2,IL7R</i>	1.35	1.01 - 1.81	0.042
19	39.917 - 39.926	rs2862789	rs4806050	<i>ZNF181</i>	1.37	1 - 1.83	0.042
19	39.932 - 39.934	rs8113628	rs4806052	<i>ZNF181,ZNF599</i>	1.37	1.01 - 1.86	0.042
19	39.944 - 39.952	rs11879622	rs7259476	<i>ZNF599</i>	1.37	1.01 - 1.86	0.042
19	39.965 - 39.990	rs10415634	rs16969747	<i>ZNF599,LOC400685</i>	1.37	1.01 - 1.86	0.042
9	71.065 - 71.097	rs2039788	rs7034960	<i>TJP2,BANCR</i>	0.72	0.53 - 0.99	0.042
9	71.105 - 71.108	rs2095347	rs11138031	<i>BANCR</i>	0.72	0.53 - 0.99	0.042
6	44.016 - 44.072	rs10948111	rs9462952	<i>LOC100132354,C6orf223</i>	0.71	0.51 - 0.99	0.042
19	38.363 - 38.374	rs8111018	rs12608634	<i>WDR88,LRP3</i>	1.37	1.01 - 1.85	0.042
19	38.382 - 38.384	rs1107921	rs1862464	<i>LRP3</i>	1.37	1.01 - 1.85	0.042
19	38.400 - 38.403	rs3786927	rs10406787	<i>SLC7A10</i>	1.37	1.01 - 1.85	0.042

7	112.139 - 112.187	rs10244551	rs10271752	<i>AC002463.3, TMEM168</i>	0.72	0.52 - 0.99	0.042
7	112.209 - 112.209	rs1796516	rs1796516	<i>TMEM168</i>	0.72	0.52 - 0.99	0.042
7	112.516 - 112.542	rs12705846	rs13230450	<i>GPR85, LINC00998</i>	0.71	0.52 - 0.99	0.042
7	112.548 - 113.301	rs2177800	rs10223945	<i>LINC00998, PPP1R3A</i>	0.71	0.52 - 0.99	0.042
8	119.809 - 119.998	rs16891403	rs7825904	<i>SAMD12-AS1, TNFRSF11B</i>	1.36	0.99 - 1.8	0.042
16	46.678 - 46.734	rs16945786	rs16945881	<i>ABCC12</i>	1.36	1.01 - 1.82	0.042
19	37.779 - 37.856	rs10553	rs259286	<i>ANKRD27</i>	1.36	0.99 - 1.81	0.042
5	176.530 - 176.658	rs9313749	rs4976682	<i>NSD1</i>	1.34	0.97 - 1.72	0.043
5	176.672 - 176.672	rs11949767	rs11949767	<i>MXD3</i>	1.34	1.01 - 1.78	0.043
5	176.673 - 176.687	rs6885410	rs6894692	<i>MXD3, LMAN2</i>	1.34	1.01 - 1.78	0.043
5	176.698 - 176.698	rs11949401	rs4976685	<i>LMAN2</i>	1.34	1.01 - 1.78	0.043
5	176.717 - 176.729	rs4075958	rs4074995	<i>RGS14</i>	1.34	1.01 - 1.78	0.043
4	188.462 - 188.661	rs6832990	rs9996952	<i>RP11-138B4.1</i>	1.35	1.01 - 1.81	0.043
9	36.164 - 36.176	rs10814346	rs10972784	<i>CCIN, CLTA</i>	0.72	0.52 - 0.99	0.043
9	36.181 - 36.202	rs2025880	rs10972790	<i>CLTA</i>	0.72	0.52 - 0.99	0.043
6	42.981 - 42.983	rs7740879	rs9296401	<i>C6orf226, PTCRA</i>	0.71	0.51 - 0.99	0.043
4	188.665 - 188.686	rs10026177	rs905902	<i>RP11-138B4.1, RP11-565</i>	1.35	1.01 - 1.81	0.043
5	35.976 - 35.976	rs10472267	rs10472267	<i>LOC100506406</i>	1.35	1.01 - 1.81	0.043
5	35.985 - 35.985	rs1019504	rs1019504	<i>LOC100506406, UGT3A1</i>	1.35	1.01 - 1.81	0.043
18	639.759 - 646.020	rs1058151	rs9967368	<i>C18orf56</i>	0.71	0.51 - 0.99	0.043
9	128.641 - 128.659	rs7021197	rs10987505	<i>ZBTB43, ZBTB34</i>	0.70	0.5 - 1.01	0.043
16	31.799 - 31.813	rs7203345	rs3843960	<i>ZNF267</i>	1.36	1 - 1.81	0.043
16	31.845 - 31.882	rs12444740	rs2432337	<i>ZNF267, HERC2P4</i>	1.36	1.01 - 1.83	0.043
19	38.711 - 38.795	rs11882409	rs12460080	<i>PEPD, CHST8</i>	1.37	1.01 - 1.84	0.043
1	161.658 - 161.658	rs7546952	rs7546952	<i>LOC100422212</i>	0.71	0.51 - 0.99	0.043
5	38.509 - 38.590	rs6876446	rs3110969	<i>LIFR</i>	1.36	1.01 - 1.82	0.043
21	15.265 - 15.357	rs13050325	rs9982976	<i>NRIP1</i>	1.36	1.01 - 1.83	0.043
4	175.801 - 175.984	rs4235212	rs6820947	<i>GLRA3</i>	1.35	0.97 - 1.73	0.043
18	1.264 - 1.349	rs2000584	rs16977198	<i>LINC00470</i>	0.71	0.52 - 0.99	0.043
4	189.266 - 189.294	rs4862861	rs7376345	<i>TRIML2, TRIML1</i>	1.35	0.99 - 1.78	0.043
16	46.743 - 46.751	rs11861127	rs957881	<i>ABCC12, ABCC11</i>	1.36	1.01 - 1.82	0.043
9	134.032 - 134.104	rs883318	rs2274853	<i>NTNG2</i>	0.70	0.5 - 1	0.043
7	38.916 - 38.970	rs7780625	rs1229041	<i>VPS41, POU6F2</i>	1.36	1.01 - 1.81	0.043
6	66.567 - 67.395	rs1938105	rs1563300	<i>SLC25A51P1, NONE</i>	0.71	0.55 - 1.05	0.043
6	42.999 - 42.999	rs6936722	rs6936722	<i>PTCRA</i>	0.71	0.51 - 0.99	0.043
6	43.010 - 43.010	rs3763236	rs3763236	<i>CNPY3</i>	0.71	0.51 - 0.99	0.043
6	43.020 - 43.023	rs7745150	rs6941212	<i>CNPY3, GNMT</i>	0.71	0.51 - 0.99	0.043
6	43.042 - 43.050	rs3818554	rs9986447	<i>PEX6</i>	0.71	0.51 - 0.99	0.043
14	31.703 - 31.866	rs8007870	rs10133184	<i>ARHGAP5, AKAP6</i>	0.73	0.53 - 0.99	0.043
14	31.871 - 32.367	rs3825744	rs2268952	<i>AKAP6</i>	0.73	0.54 - 1	0.043
4	186.536 - 186.536	rs1048329	rs1048329	<i>LRP2BP</i>	1.36	1.01 - 1.82	0.044
4	186.376 - 186.517	rs1534143	rs6810778	<i>SNX25</i>	1.35	1 - 1.8	0.044
14	31.622 - 31.673	rs7154957	rs17091619	<i>ARHGAP5</i>	0.73	0.53 - 0.99	0.044
6	42.925 - 42.944	rs5018385	rs12526596	<i>GLTSCR1L</i>	0.71	0.52 - 0.99	0.044

5	178.472 - 178.705	rs2059776	rs3756570	<i>ADAMTS2</i>	1.34	1.01 - 1.79	0.044
6	44.076 - 44.080	rs7761007	rs2273309	<i>C6orf223</i>	0.71	0.51 - 0.99	0.044
4	121.836 - 122.062	rs11729301	rs1470696	<i>PRDM5</i>	1.35	1.01 - 1.8	0.044
6	70.159 - 70.430	rs12525747	rs6455336	<i>BAI3,LMBRD1</i>	0.71	0.51 - 0.99	0.044
18	909.49 - 909.49	rs17842115	rs17842115	<i>NONE,ROCK1P1</i>	0.71	0.51 - 0.99	0.044
18	126.305 - 133.591	rs7234528	rs11876622	<i>ROCK1P1,USP14</i>	0.71	0.51 - 0.99	0.044
18	150.887 - 190.576	rs551835	rs16951450	<i>USP14</i>	0.71	0.51 - 0.99	0.044
18	208.285 - 216.485	rs600220	rs537202	<i>THOC1</i>	0.71	0.51 - 0.99	0.044
18	259.728 - 306.558	rs598300	rs621638	<i>THOC1,COLEC12</i>	0.71	0.51 - 0.99	0.044
18	309.176 - 482.832	rs675712	rs12607627	<i>COLEC12</i>	0.71	0.51 - 0.99	0.044
18	494.592 - 569.285	rs4797188	rs4798377	<i>COLEC12,CETNI</i>	0.71	0.51 - 0.99	0.044
18	569.716 - 569.716	rs3016818	rs3016818	<i>CETNI</i>	0.71	0.51 - 0.99	0.044
18	575.386 - 584.505	rs531752	rs485741	<i>CETNI,CLUL1</i>	0.71	0.51 - 0.99	0.044
18	587.751 - 632.876	rs578026	rs7237413	<i>CLUL1</i>	0.71	0.51 - 0.99	0.044
16	63.880 - 64.166	rs12926364	rs4238836	<i>LINC00922</i>	1.33	0.96 - 1.68	0.044
7	149.598 - 149.649	rs17134467	rs11767726	<i>ACTR3C</i>	0.70	0.5 - 1	0.044
21	24.602 - 24.606	rs11701339	rs2828986	<i>AP000469.2</i>	1.36	1.01 - 1.83	0.044
16	33.735 - 33.847	rs8059381	rs7500645	<i>RNU6-76P,LINC00273</i>	1.36	1.01 - 1.83	0.044
16	34.060 - 34.246	rs9939624	rs12596025	<i>LINC00273,UBE2MPI</i>	1.36	1.01 - 1.83	0.044
4	121.209 - 121.830	rs12711084	rs13147093	<i>MAD2LI,PRDM5</i>	1.35	0.94 - 1.69	0.044
9	118.317 - 118.356	rs4837584	rs10983233	<i>RP11-264C15.2</i>	0.71	0.51 - 0.99	0.044
5	178.435 - 178.439	rs4701030	rs1445846	<i>ZNF354C</i>	1.34	1.01 - 1.79	0.044
14	46.378 - 47.207	rs2933203	rs7154720	<i>MDGA2</i>	0.72	0.53 - 1.01	0.044
9	129.913 - 129.913	rs4837240	rs4837240	<i>RP11-395P17.3</i>	0.70	0.49 - 0.99	0.044
9	71.122 - 71.125	rs6559467	rs10780297	<i>BANCR,FAM189A2</i>	0.72	0.53 - 0.99	0.044
9	71.139 - 71.193	rs10867367	rs11138400	<i>FAM189A2</i>	0.72	0.53 - 0.99	0.044
9	71.200 - 71.225	rs12554528	rs10120442	<i>FAM189A2,APBA1</i>	0.72	0.53 - 0.99	0.044
19	40.018 - 40.073	rs11668905	rs752335	<i>LOC400685,LINC00904</i>	1.37	1.01 - 1.85	0.044
5	163.912 - 164.192	rs6556772	rs7726976	<i>LOC102546299,NONE</i>	0.71	0.52 - 1	0.045
7	112.510 - 112.512	rs870266	rs1575012	<i>GPR85</i>	0.72	0.52 - 0.99	0.045
1	226.001 - 226.034	rs16848110	rs10799448	<i>SNAP47</i>	1.36	1 - 1.82	0.045
4	189.297 - 189.297	rs11938607	rs11938607	<i>TRIML1</i>	1.35	1.01 - 1.81	0.045
17	13.877 - 13.911	rs708586	rs9630712	<i>COX10-AS1</i>	0.72	0.52 - 0.99	0.045
16	64.169 - 64.956	rs11075586	rs9940044	<i>LINC00922,CDH5</i>	1.34	1.01 - 1.76	0.045
10	13.387 - 13.396	rs10752292	rs615497	<i>PHYH,SEPHSI</i>	1.33	1 - 1.76	0.045
10	13.410 - 13.421	rs7901525	rs7914142	<i>SEPHSI</i>	1.33	1.01 - 1.76	0.045
16	47.146 - 47.187	rs3826176	rs8059905	<i>N4BPI</i>	1.35	1.01 - 1.82	0.045
9	133.616 - 133.723	rs4740183	rs7036013	<i>RAPGEF1,MED27</i>	0.70	0.5 - 1	0.045
7	112.374 - 112.380	rs17160084	rs7808346	<i>C7orf60,AC018464.3</i>	0.72	0.52 - 0.99	0.045
7	112.381 - 112.419	rs12535487	rs1017600	<i>AC018464.3</i>	0.72	0.52 - 0.99	0.045
1	225.573 - 225.816	rs7549619	rs12033610	<i>CDC42BPA,ZNF678</i>	1.36	1 - 1.81	0.045
6	42.823 - 42.879	rs16896053	rs1981008	<i>TBCC,GLTSCR1L</i>	0.72	0.52 - 0.99	0.045
4	187.746 - 187.877	rs7680937	rs327101	<i>FATI</i>	1.35	0.96 - 1.72	0.045
7	38.731 - 38.909	rs11773094	rs917322	<i>VPS41</i>	1.35	0.99 - 1.79	0.045

14	29.492 - 30.095	rs10146369	rs7156916	<i>PRKD1,G2E3</i>	0.73	0.55 - 1.02	0.045
13	47.704 - 47.729	rs3809328	rs9332287	<i>ITM2B</i>	0.72	0.52 - 0.99	0.045
13	47.736 - 47.761	rs17071534	rs9591155	<i>ITM2B,LINC00441</i>	0.72	0.52 - 0.99	0.045
10	50.071 - 50.171	rs11101010	rs7893248	<i>C10orf128,C10orf71-AS</i>	0.73	0.54 - 0.99	0.045
5	178.442 - 178.449	rs1826864	rs1562234	<i>ZNF354C,ADAMTS2</i>	1.34	1.01 - 1.79	0.045
16	34.268 - 34.289	rs3850106	rs17841521	<i>UBE2MPI,RP11-488I20.3</i>	1.36	1.01 - 1.82	0.045
16	34.454 - 34.475	rs13336072	rs7206319	<i>RP11-488I20.3</i>	1.36	1.01 - 1.82	0.045
16	34.529 - 34.529	rs9926843	rs9926843	<i>RP11-488I20.3,LOC1464</i>	1.36	1.01 - 1.82	0.045
16	34.647 - 34.821	rs11860567	rs1393007	<i>RP11-80F22.15,FLJ2624</i>	1.36	1.01 - 1.82	0.045
16	34.947 - 35.063	rs2134083	rs2200012	<i>FLJ26245,NONE</i>	1.36	1.01 - 1.82	0.045
6	67.406 - 68.590	rs12208629	rs10223623	<i>SLC25A51P1,BAI3</i>	0.71	0.51 - 0.99	0.045
18	3.585 - 3.585	rs2240898	rs2240898	<i>DLGAPI-AS1</i>	0.71	0.51 - 0.99	0.045
4	111.793 - 113.282	rs2723292	rs1436136	<i>PITX2,C4orf32</i>	1.35	0.96 - 1.73	0.045
13	47.783 - 47.933	rs2804091	rs198584	<i>RBI</i>	0.72	0.52 - 0.99	0.045
13	47.960 - 48.006	rs9332085	rs9316396	<i>RCBTB2</i>	0.72	0.52 - 0.99	0.045
13	48.007 - 48.022	rs9591171	rs3901587	<i>RCBTB2,LINC00462</i>	0.72	0.52 - 0.99	0.045
13	48.052 - 48.052	rs6561463	rs7329865	<i>LINC00462</i>	0.72	0.52 - 0.99	0.045
6	69.402 - 70.154	rs2256337	rs1328735	<i>BAI3</i>	0.71	0.53 - 1.02	0.045
9	36.205 - 36.256	rs16933086	rs10972816	<i>GNE</i>	0.72	0.52 - 0.99	0.045
9	36.270 - 36.322	rs2182817	rs3739607	<i>GNE,RNF38</i>	0.72	0.52 - 0.99	0.045
19	22.505 - 22.568	rs2915923	rs7245883	<i>LOC101929124,LOC44051</i>	1.36	0.98 - 1.78	0.045
7	151.380 - 151.445	rs10231444	rs17173341	<i>GALNT11</i>	0.71	0.51 - 0.99	0.046
13	48.978 - 49.001	rs2031532	rs6561534	<i>PHF11</i>	0.72	0.52 - 0.99	0.046
7	112.428 - 112.506	rs12216610	rs2255442	<i>AC018464.3,GPR85</i>	0.72	0.52 - 0.99	0.046
13	47.554 - 47.564	rs11841517	rs9316349	<i>MED4</i>	0.72	0.55 - 1.05	0.046
2	222.996 - 223.130	rs6758392	rs5016700	<i>SGPP2</i>	1.35	0.96 - 1.74	0.046
2	223.136 - 223.143	rs1347630	rs13388047	<i>SGPP2,FARSB</i>	1.35	1.01 - 1.81	0.046
2	223.143 - 223.211	rs17564655	rs12617353	<i>FARSB</i>	1.35	1.01 - 1.81	0.046
2	223.238 - 223.239	rs10206383	rs10932966	<i>FARSB,MOGAT1</i>	1.35	1.01 - 1.81	0.046
2	223.246 - 223.279	rs7571732	rs6720527	<i>MOGAT1</i>	1.35	1.01 - 1.81	0.046
10	126.134 - 126.134	rs908366	rs908365	<i>NKX1-2,LHPP</i>	1.34	1.01 - 1.8	0.046
16	31.420 - 31.425	rs3934739	rs6565237	<i>C16orf58</i>	1.35	1.01 - 1.82	0.046
16	31.430 - 31.443	rs7187900	rs4553646	<i>C16orf58,AHSP</i>	1.35	1.01 - 1.82	0.046
9	36.203 - 36.203	rs16933085	rs16933085	<i>CLTA,GNE</i>	0.72	0.52 - 0.99	0.046
13	49.003 - 49.003	rs9568239	rs9568239	<i>PHF11,RCBTB1</i>	0.72	0.52 - 0.99	0.046
13	49.004 - 49.049	rs3186024	rs7981396	<i>RCBTB1</i>	0.72	0.52 - 0.99	0.046
10	13.453 - 13.514	rs10906361	rs17153252	<i>SEPHS1,BEND7</i>	1.33	1.01 - 1.76	0.046
19	35.106 - 35.195	rs3745644	rs10401599	<i>UR11</i>	1.37	1.01 - 1.86	0.046
8	120.640 - 120.714	rs16892741	rs11775668	<i>ENPP2</i>	1.35	0.98 - 1.79	0.046
13	47.774 - 47.774	rs3092871	rs3092871	<i>LINC00441</i>	0.72	0.52 - 0.99	0.046
13	47.909 - 47.914	rs17071716	rs1951775	<i>LPAR6,RBI</i>	0.72	0.52 - 0.99	0.046
10	50.002 - 50.028	rs4603218	rs4838462	<i>FAM170B-AS1</i>	0.73	0.54 - 1	0.046
10	50.035 - 50.065	rs2804938	rs17009530	<i>C10orf128</i>	0.73	0.54 - 0.99	0.046
21	31.419 - 31.846	rs724561	rs11909835	<i>TIAMI</i>	1.35	0.99 - 1.76	0.046

16	31.178 - 31.244	rs7193943	rs1143683	<i>ITGAM</i>	1.35	1 - 1.82	0.046
6	70.444 - 70.561	rs9360397	rs9354890	<i>LMBRD1</i>	0.71	0.51 - 0.99	0.046
6	70.564 - 70.630	rs3806960	rs1934898	<i>LMBRD1, COL19A1</i>	0.71	0.51 - 0.99	0.046
9	129.932 - 129.932	rs7047254	rs7047254	<i>PTGES2-AS1</i>	0.70	0.49 - 0.99	0.046
7	150.504 - 150.514	rs919533	rs2257073	<i>ASB10</i>	0.71	0.51 - 0.99	0.046
19	38.569 - 38.703	rs8111294	rs33841	<i>PEPD</i>	1.36	1 - 1.82	0.047
13	50.389 - 50.409	rs11617366	rs11617018	<i>RNASEH2B</i>	0.72	0.52 - 1	0.047
13	50.460 - 50.460	rs9568494	rs9568494	<i>RNASEH2B, GUCY1B2</i>	0.72	0.52 - 1	0.047
4	175.992 - 176.059	rs6553831	rs966766	<i>GLRA3, ADAM29</i>	1.34	1 - 1.78	0.047
7	150.582 - 150.598	rs3789823	rs4725399	<i>SMARCD3</i>	0.71	0.51 - 1	0.047
4	176.803 - 177.155	rs7678146	rs7675676	<i>GPM6A</i>	1.34	0.99 - 1.77	0.047
4	125.811 - 125.838	rs3733471	rs4834000	<i>ANKRD50</i>	1.34	1 - 1.78	0.047
10	126.140 - 126.292	rs2459214	rs7095944	<i>LHPP</i>	1.34	1 - 1.79	0.047
6	42.812 - 42.812	rs222212	rs222212	<i>ATP6V0CP3, TBCC</i>	0.72	0.52 - 1	0.047
9	36.451 - 36.538	rs12377974	rs2050262	<i>RNF38, MELK</i>	0.72	0.52 - 1	0.047
16	31.305 - 31.305	rs17839495	rs17708876	<i>ITGAX, ITGAD</i>	1.35	1 - 1.82	0.047
16	31.315 - 31.328	rs13339313	rs11640148	<i>ITGAD</i>	1.35	1 - 1.82	0.047
19	39.760 - 39.760	rs16960820	rs16960820	<i>SCGB1B2P</i>	1.36	1 - 1.85	0.047
19	39.761 - 39.761	rs8182470	rs8182470	<i>SCGB1B2P, SCGB2B2</i>	1.36	1 - 1.85	0.047
19	39.777 - 39.777	rs8105342	rs8105342	<i>SCGB2B2</i>	1.36	1 - 1.85	0.047
19	39.781 - 39.806	rs1270257	rs1117941	<i>SCGB2B2, SCGB2B3P</i>	1.36	1 - 1.85	0.047
19	39.827 - 39.828	rs8112457	rs7260033	<i>SCGB2B3P</i>	1.36	1 - 1.85	0.047
19	39.830 - 39.846	rs7252561	rs16969504	<i>SCGB2B3P, ZNF302</i>	1.36	1 - 1.85	0.047
9	126.229 - 126.273	rs4838173	rs7852843	<i>PSMB7, NR5A1</i>	0.71	0.51 - 1	0.047
9	126.285 - 126.288	rs7037254	rs7028021	<i>NR5A1</i>	0.71	0.51 - 1	0.047
7	28.304 - 28.826	rs2175738	rs4722856	<i>CREB5</i>	1.34	0.95 - 1.71	0.047
9	133.446 - 133.603	rs13287332	rs11243497	<i>RAPGEF1</i>	0.70	0.5 - 1	0.047
1	225.817 - 225.915	rs3748806	rs6426469	<i>ZNF678</i>	1.35	1 - 1.82	0.047
1	225.926 - 225.940	rs16848042	rs1923819	<i>ZNF678, ZNF847P</i>	1.35	1 - 1.82	0.047
1	225.969 - 225.974	rs10916199	rs6693054	<i>ZNF847P, LOC100130093</i>	1.35	1 - 1.82	0.047
6	44.358 - 44.361	rs324139	rs324143	<i>TCTE1</i>	0.72	0.52 - 1	0.047
9	36.341 - 36.386	rs10972865	rs2480455	<i>RNF38</i>	0.72	0.52 - 1	0.047
10	49.894 - 49.991	rs2244967	rs4558091	<i>VSTM4</i>	0.73	0.54 - 1	0.047
16	31.146 - 31.171	rs10871455	rs4889640	<i>TRIM72, ITGAM</i>	1.35	1 - 1.82	0.047
21	28.206 - 28.304	rs8131650	rs4577362	<i>MIR5009, LINC00314</i>	1.34	1 - 1.8	0.047
21	28.309 - 28.311	rs2831347	rs2831350	<i>LINC00314</i>	1.34	1 - 1.8	0.047
21	28.326 - 28.830	rs2831377	rs2831895	<i>LINC00314, LINC00161</i>	1.34	1 - 1.8	0.047
16	75.874 - 76.024	rs3743754	rs1493889	<i>ADAMTS18</i>	1.32	0.97 - 1.68	0.047
19	38.962 - 38.970	rs285686	rs11882558	<i>CHST8, KCTD15</i>	1.36	1 - 1.84	0.047
19	38.982 - 38.982	rs287104	rs287104	<i>KCTD15</i>	1.36	1 - 1.84	0.047
9	135.187 - 135.191	rs2491	rs563666	<i>SURF6</i>	0.70	0.5 - 1	0.047
16	73.220 - 73.258	rs11149759	rs4402594	<i>RFWD3</i>	1.32	1 - 1.74	0.047
13	50.355 - 50.382	rs7992845	rs9535526	<i>RNASEH2B-AS1</i>	0.72	0.52 - 1	0.047
7	138.169 - 138.306	rs878993	rs4321935	<i>KIAA1549</i>	0.71	0.52 - 1.02	0.047

16	31.358 - 31.359	rs13333031	rs11643752	<i>ZNF843</i>	1.35	1 - 1.82	0.047
16	31.380 - 31.380	rs13338548	rs13338548	<i>ARMC5</i>	1.35	1 - 1.82	0.047
16	31.403 - 31.403	rs9934336	rs9934336	<i>SLC5A2</i>	1.35	1 - 1.82	0.047
5	35.267 - 35.651	rs10080135	rs12657936	<i>PRLR,SPEF2</i>	1.34	0.98 - 1.75	0.047
7	150.479 - 150.486	rs4726000	rs1430624	<i>GBX1</i>	0.71	0.51 - 1	0.047
9	126.773 - 126.926	rs2289631	rs7860360	<i>SCAI</i>	0.71	0.52 - 1.01	0.048
9	126.948 - 126.988	rs2113352	rs10986626	<i>PPP6C</i>	0.71	0.5 - 1	0.048
9	127.009 - 127.034	rs420423	rs7869876	<i>RABEPK</i>	0.71	0.5 - 1	0.048
9	127.037 - 127.037	rs12009	rs12009	<i>HSPA5</i>	0.71	0.5 - 1	0.048
9	127.087 - 127.139	rs359592	rs16928096	<i>GAPVD1</i>	0.71	0.5 - 1	0.048
7	150.535 - 150.551	rs7789593	rs2242141	<i>ABCF2</i>	0.71	0.51 - 1	0.048
10	13.360 - 13.381	rs4750340	rs12570229	<i>PHYH</i>	1.33	1 - 1.75	0.048
14	32.493 - 33.337	rs8020550	rs943164	<i>NPAS3</i>	0.73	0.54 - 1.02	0.048
4	142.883 - 143.163	rs2322305	rs11736202	<i>IL15,INPP4B</i>	1.35	0.99 - 1.78	0.048
7	148.332 - 148.351	rs10085877	rs12534095	<i>PDIA4</i>	0.71	0.51 - 1	0.048
9	132.590 - 132.747	rs11244112	rs3808814	<i>ABL1</i>	0.70	0.51 - 1.03	0.048
9	132.755 - 132.756	rs11244178	rs7866565	<i>ABL1,QRFP</i>	0.70	0.49 - 1	0.048
9	132.758 - 132.760	rs3847193	rs7865017	<i>QRFP</i>	0.70	0.49 - 1	0.048
21	28.040 - 28.040	rs1346930	rs1346930	<i>LINC00113</i>	1.34	1 - 1.8	0.048
13	50.336 - 50.352	rs9535511	rs9535518	<i>DLEU7-AS1,RNASEH2B-AS</i>	0.72	0.52 - 1	0.048
7	148.220 - 148.326	rs11984309	rs10224999	<i>EZH2,PDIA4</i>	0.71	0.53 - 1.02	0.048
17	12.551 - 12.599	rs7222630	rs11656833	<i>MYOCD</i>	0.71	0.51 - 1	0.048
1	226.951 - 227.468	rs10916364	rs12126161	<i>RHOU,RAB4A</i>	1.35	0.96 - 1.76	0.048
16	76.032 - 76.311	rs1317683	rs12103396	<i>ADAMTS18,NUDT7</i>	1.32	1 - 1.73	0.048
9	127.539 - 127.539	rs12345049	rs12345049	<i>MAPKAP1,PBX3</i>	0.71	0.5 - 1	0.048
9	127.552 - 127.768	rs12005972	rs11792585	<i>PBX3</i>	0.71	0.5 - 1	0.048
9	135.212 - 135.212	rs658517	rs2051680	<i>SURF1</i>	0.70	0.5 - 1	0.048
9	135.218 - 135.228	rs1059773	rs1179037	<i>SURF4</i>	0.70	0.5 - 1	0.048
9	135.252 - 135.257	rs4962047	rs4962139	<i>C9orf96</i>	0.70	0.5 - 1	0.048
7	150.559 - 150.559	rs4726009	rs4726009	<i>ABCF2,CHPF2</i>	0.71	0.51 - 1	0.048
6	44.464 - 44.513	rs9462985	rs559035	<i>CDC5L</i>	0.72	0.52 - 1	0.048
9	126.159 - 126.159	rs10986323	rs16927388	<i>LOC100129034</i>	0.71	0.51 - 1.01	0.048
9	126.166 - 126.218	rs10119911	rs10760361	<i>PSMB7</i>	0.71	0.51 - 1	0.048
13	51.319 - 51.331	rs9535772	rs9535776	<i>LINC00282,CCDC70</i>	0.72	0.53 - 1	0.048
10	34.103 - 34.437	rs12259610	rs7082440	<i>LINC00838,PARD3</i>	0.73	0.59 - 1.09	0.048
7	150.413 - 150.463	rs10271154	rs10952303	<i>AGAP3</i>	0.71	0.51 - 1	0.048
16	31.511 - 31.604	rs4479245	rs1406177	<i>YBX3P1,CLUHP3</i>	1.35	1 - 1.81	0.049
16	31.618 - 31.624	rs8062902	rs9938037	<i>CLUHP3</i>	1.35	1 - 1.82	0.049
16	31.629 - 31.629	rs17839518	rs17839519	<i>CLUHP3,ZNF720</i>	1.35	1 - 1.82	0.049
16	31.639 - 31.675	rs7359491	rs13332983	<i>ZNF720</i>	1.35	1 - 1.82	0.049
16	31.687 - 31.786	rs10492807	rs11150645	<i>ZNF720,ZNF267</i>	1.35	1 - 1.82	0.049
10	127.260 - 127.311	rs2043356	rs9422902	<i>TEX36-AS1,TEX36</i>	1.34	1 - 1.8	0.049
6	44.453 - 44.461	rs9395010	rs4711781	<i>SPATS1,CDC5L</i>	0.72	0.52 - 1	0.049
21	25.142 - 25.333	rs6516641	rs2829521	<i>LOC339622</i>	1.35	1 - 1.82	0.049

9	135.289 - 135.313	rs681092	rs4962153	<i>ADAMTS13</i>	0.71	0.5 - 1	0.049
19	38.813 - 38.945	rs8100539	rs285689	<i>CHST8</i>	1.36	1 - 1.83	0.049
7	41.697 - 41.698	rs2237435	rs6958234	<i>INHBA</i>	1.35	1 - 1.81	0.049
7	41.701 - 41.786	rs2237432	rs12701935	<i>INHBA-AS1</i>	1.35	1 - 1.81	0.049
1	224.804 - 224.864	rs837748	rs587043	<i>C1orf95</i>	1.35	0.98 - 1.79	0.049
1	224.867 - 224.884	rs7531608	rs697846	<i>C1orf95,ITPKB</i>	1.35	1 - 1.82	0.049
1	224.886 - 224.987	rs1144840	rs3754411	<i>ITPKB</i>	1.35	1 - 1.82	0.049
1	224.912 - 224.926	rs12077348	rs12094617	<i>ITPKB-IT1</i>	1.35	1 - 1.82	0.049
1	224.995 - 225.098	rs2091249	rs6660906	<i>ITPKB,PSEN2</i>	1.35	1 - 1.82	0.049
10	12.914 - 12.918	rs1757065	rs1757070	<i>LOC283070</i>	1.33	0.98 - 1.73	0.049
16	45.092 - 45.140	rs16945380	rs4967156	<i>ANKRD26P1</i>	1.35	1 - 1.81	0.049
16	45.167 - 45.167	rs4966571	rs4966571	<i>ANKRD26P1,SHCBP1</i>	1.35	1 - 1.81	0.049
16	45.172 - 45.208	rs1054722	rs1865838	<i>SHCBP1</i>	1.35	1 - 1.81	0.049
16	45.226 - 45.226	rs1992078	rs1992078	<i>SHCBP1,VPS35</i>	1.35	1 - 1.81	0.049
16	45.250 - 45.263	rs794558	rs4966616	<i>VPS35</i>	1.35	1 - 1.81	0.049
16	45.281 - 45.281	rs33994299	rs33994299	<i>ORC6</i>	1.35	1 - 1.81	0.049
7	150.673 - 150.697	rs365741	rs13234689	<i>NUB1</i>	0.71	0.51 - 1	0.049
8	70.524 - 70.537	rs13255333	rs12546986	<i>RP11-744J10.3,SULF1</i>	1.33	1 - 1.77	0.049
16	31.009 - 31.009	rs7294	rs7294	<i>VKORC1</i>	1.35	1 - 1.82	0.049
19	39.872 - 39.915	rs17704366	rs12973797	<i>ZNF302,ZNF181</i>	1.36	1 - 1.84	0.049
7	150.521 - 150.524	rs2435608	rs310586	<i>ASB10,ABCF2</i>	0.71	0.51 - 1	0.049
5	176.245 - 176.259	rs692200	rs3762971	<i>HK3</i>	1.33	1 - 1.77	0.049
5	176.106 - 176.167	rs4479858	rs692403	<i>LOC102577424,UNC5A</i>	1.33	1 - 1.77	0.049
8	70.015 - 70.177	rs4263778	rs10504437	<i>RP11-600K15.1</i>	1.33	0.98 - 1.72	0.049
7	37.907 - 37.910	rs1530821	rs17236800	<i>NME8,SFRP4</i>	1.35	1 - 1.82	0.049
7	37.911 - 37.920	rs1450859	rs1132552	<i>SFRP4</i>	1.35	1 - 1.82	0.049
17	12.606 - 12.630	rs12946954	rs7212848	<i>LOC100128006</i>	0.72	0.51 - 1	0.049
9	132.812 - 132.867	rs11244207	rs7044266	<i>FIBCD1,LAMC3</i>	0.70	0.49 - 1.01	0.049
7	150.743 - 150.755	rs6966840	rs7793301	<i>WDR86-AS1,CRYGN</i>	0.71	0.51 - 1	0.049
7	150.764 - 150.764	rs2075000	rs2075000	<i>CRYGN</i>	0.71	0.51 - 1	0.049
18	5.192 - 5.223	rs8099492	rs727616	<i>C18orf42,LINC00526</i>	0.71	0.53 - 1.04	0.049
18	5.226 - 5.226	rs13423	rs13423	<i>LINC00526</i>	0.71	0.51 - 1	0.049
18	5.232 - 5.237	rs3193	rs9948693	<i>LINC00667</i>	0.71	0.51 - 1	0.049
9	130.007 - 130.050	rs3003570	rs2302425	<i>DNM1</i>	0.70	0.5 - 1	0.049
6	44.301 - 44.310	rs731780	rs6458375	<i>SLC29A1</i>	0.72	0.52 - 1	0.049
6	44.319 - 44.319	rs9381299	rs9381299	<i>SLC29A1,HSP90AB1</i>	0.72	0.52 - 1	0.049
6	44.328 - 44.328	rs504697	rs504697	<i>HSP90AB1</i>	0.72	0.52 - 1	0.049
6	44.348 - 44.354	rs571770	rs12943	<i>TMEM151B</i>	0.72	0.52 - 1	0.049
8	120.724 - 120.807	rs965301	rs2164021	<i>ENPP2,TAF2</i>	1.35	1 - 1.82	0.049
14	30.121 - 30.154	rs229201	rs229244	<i>G2E3</i>	0.73	0.54 - 1	0.049
14	30.176 - 30.272	rs12882931	rs17097160	<i>SCFD1</i>	0.73	0.54 - 1	0.049
13	51.499 - 51.499	rs9526823	rs9563089	<i>ALG11,UTPI4C</i>	0.73	0.53 - 1	0.049
13	51.501 - 51.501	rs3742290	rs3742290	<i>UTPI4C</i>	0.73	0.53 - 1	0.049
13	51.507 - 51.507	rs9526825	rs9526825	<i>UTPI4C,NEK5</i>	0.73	0.53 - 1	0.049

13	51.537 - 51.599	rs4497567	rs1886543	<i>NEK5</i>	0.73	0.53 - 1	0.049
9	129.989 - 129.989	rs10987913	rs10987913	<i>CIZ1</i>	0.70	0.49 - 1	0.049
6	44.393 - 44.414	rs2396242	rs9472252	<i>AARS2,SPATS1</i>	0.72	0.52 - 1	0.049
1	226.177 - 226.193	rs12046421	rs680997	<i>WNT9A</i>	1.35	1 - 1.82	0.049
5	1.501 - 1.511	rs3756450	rs2937650	<i>SLC6A3,LPCAT1</i>	0.71	0.51 - 1	0.049
5	1.514 - 1.574	rs7737692	rs7716426	<i>LPCAT1</i>	0.71	0.51 - 1	0.049

Table S3. Local European Ancestry (LEA) regions associated with fatal CHD among African Americans from the Atherosclerosis Risk in Communities study (ARIC).

Chromoso	me	Gene region (Mb)	First SNP	Last SNP	Gene	Odds ratio	95% CI	p
6	62.030 - 62.331	rs1689238	rs4710691	<i>NONE,HN9</i>	0.37	0.23 - 0.7	7.34E-04	
6	62.347 - 62.427	rs6912859	rs213837	<i>HN9,KHDRBS2</i>	0.37	0.21 - 0.66	7.37E-04	
6	62.451 - 63.030	rs9350974	rs16882802	<i>KHDRBS2</i>	0.37	0.21 - 0.66	7.37E-04	
6	63.057 - 64.039	rs9454869	rs4504460	<i>KHDRBS2,LGSN</i>	0.37	0.21 - 0.66	7.41E-04	
6	64.090 - 64.330	rs9448873	rs6936079	<i>LGSN,PTP4A1</i>	0.39	0.22 - 0.69	0.001	
6	64.490 - 66.474	rs1884118	rs9294647	<i>EYS</i>	0.39	0.22 - 0.69	0.001	
6	64.051 - 64.086	rs2459572	rs7776434	<i>LGSN</i>	0.39	0.22 - 0.69	0.001	
6	64.350 - 64.350	rs16894460	rs16894460	<i>PTP4A1</i>	0.39	0.22 - 0.69	0.001	
6	64.381 - 64.401	rs2881842	rs11759362	<i>PTP4A1,PHF3</i>	0.39	0.22 - 0.69	0.001	
6	64.429 - 64.444	rs6922047	rs10485358	<i>PHF3</i>	0.39	0.22 - 0.69	0.001	
6	58.400 - 58.849	rs35134938	rs7769587	<i>GUSBP4,NONE</i>	0.40	0.23 - 0.7	0.001	
6	57.645 - 58.336	rs2476483	rs477994	<i>PRIM2,GUSBP4</i>	0.40	0.23 - 0.71	0.001	
11	78.831 - 79.195	rs1397727	rs10793395	<i>TENM4,NONE</i>	1.86	1.22 - 2.63	0.001	
6	57.287 - 57.604	rs9475837	rs3857620	<i>PRIM2</i>	0.40	0.23 - 0.72	0.002	
6	55.729 - 55.847	rs3798848	rs3734444	<i>BMP5</i>	0.41	0.24 - 0.72	0.002	
6	55.849 - 56.026	rs978930	rs2397201	<i>BMP5,COL21A1</i>	0.41	0.23 - 0.72	0.002	
6	56.029 - 56.218	rs3823468	rs7768520	<i>COL21A1</i>	0.41	0.23 - 0.72	0.002	
6	55.564 - 55.722	rs4132990	rs9475394	<i>HMGCLL1,BMP5</i>	0.41	0.24 - 0.72	0.002	
6	57.080 - 57.140	rs11969009	rs16888356	<i>ZNF451</i>	0.41	0.23 - 0.72	0.002	
6	57.159 - 57.189	rs6928715	rs7744316	<i>RAB23</i>	0.41	0.23 - 0.72	0.002	
6	57.218 - 57.231	rs9382695	rs16888427	<i>RAB23,LOC100506188</i>	0.41	0.23 - 0.72	0.002	
6	57.232 - 57.236	rs1013147	rs6936915	<i>LOC100506188</i>	0.41	0.23 - 0.72	0.002	
6	57.250 - 57.277	rs9464431	rs9382699	<i>LOC100506188,PRIM2</i>	0.41	0.23 - 0.72	0.002	
6	56.592 - 56.899	rs2230862	rs17685185	<i>DST</i>	0.41	0.24 - 0.73	0.002	
6	56.930 - 56.992	rs9382670	rs2167460	<i>BEND6</i>	0.41	0.23 - 0.72	0.002	
6	57.005 - 57.011	rs1993118	rs7753927	<i>BEND6,KIAA1586</i>	0.41	0.23 - 0.72	0.002	
6	57.021 - 57.021	rs12190416	rs12190416	<i>KIAA1586</i>	0.41	0.23 - 0.72	0.002	
6	57.041 - 57.041	rs10949010	rs10949010	<i>KIAA1586,ZNF451</i>	0.41	0.23 - 0.72	0.002	
6	55.407 - 55.552	rs1546299	rs9367644	<i>HMGCLL1</i>	0.41	0.26 - 0.77	0.002	
6	56.222 - 56.243	rs1925158	rs2397211	<i>COL21A1,RNU6-71P</i>	0.41	0.24 - 0.72	0.002	
6	56.246 - 56.712	rs11757974	rs13210876	<i>RNU6-71P</i>	0.41	0.24 - 0.72	0.002	
7	28.304 - 28.826	rs2175738	rs4722856	<i>CREB5</i>	1.84	1.19 - 2.63	0.002	
11	78.042 - 78.820	rs3571	rs7119046	<i>TENM4</i>	1.80	1.07 - 2.28	0.003	
14	74.969 - 75.009	rs12587854	rs6574235	<i>JDP2</i>	0.46	0.3 - 0.82	0.003	
11	78.810 - 78.810	rs11237828	rs11237828	<i>MIR5579</i>	1.79	1.22 - 2.63	0.003	
6	55.304 - 55.375	rs12199003	rs9357861	<i>GFRAL</i>	0.44	0.25 - 0.76	0.003	
6	55.380 - 55.405	rs1553329	rs7749561	<i>GFRAL,HMGCLL1</i>	0.44	0.25 - 0.76	0.003	
6	55.146 - 55.250	rs12660136	rs2653349	<i>HCRTR2</i>	0.44	0.27 - 0.79	0.003	
6	55.260 - 55.299	rs2653354	rs958626	<i>HCRTR2,GFRAL</i>	0.44	0.25 - 0.76	0.003	
11	60.282 - 60.293	rs11230463	rs7117409	<i>MS4A15</i>	1.80	1.21 - 2.63	0.003	
8	2.082 - 2.771	rs2099746	rs341744	<i>MYOM2,CSMD1</i>	1.83	1.14 - 2.59	0.003	
6	71.724 - 72.050	rs10945275	rs7748559	<i>B3GAT2,OGFRL1</i>	0.44	0.28 - 0.82	0.003	
11	60.140 - 60.188	rs12280505	rs10897105	<i>LINC00301</i>	1.79	1.21 - 2.64	0.003	
11	60.075 - 60.130	rs2847222	rs7934499	<i>MS4A13,LINC00301</i>	1.79	1.18 - 2.57	0.004	
6	72.074 - 72.130	rs1044762	rs1192048	<i>OGFRL1,MIR30C2</i>	0.44	0.26 - 0.77	0.004	
6	72.143 - 72.144	rs9446382	rs9455448	<i>MIR30C2</i>	0.44	0.26 - 0.77	0.004	
6	72.144 - 72.163	rs9455449	rs4291065	<i>MIR30C2,MIR30A</i>	0.44	0.26 - 0.77	0.004	
6	72.172 - 72.175	rs1527710	rs9455460	<i>MIR30A,LINC00472</i>	0.44	0.26 - 0.77	0.004	
6	72.181 - 72.186	rs7765945	rs1727668	<i>LINC00472</i>	0.44	0.26 - 0.77	0.004	
6	72.191 - 72.650	rs9355001	rs1192248	<i>LINC00472,RIMS1</i>	0.44	0.26 - 0.77	0.004	

11	60.252 - 60.274	rs6591620	rs7948556	<i>MS4A8,MS4A15</i>	1.78	1.21 - 2.63	0.004
11	60.213 - 60.222	rs1032938	rs668667	<i>LINC00301,MS4A8</i>	1.78	1.21 - 2.63	0.004
11	60.222 - 60.223	rs477912	rs17155222	<i>MS4A8</i>	1.78	1.21 - 2.63	0.004
6	72.063 - 72.067	rs2273888	rs9346458	<i>OGFRL1</i>	0.44	0.26 - 0.77	0.004
7	26.655 - 26.670	rs1012803	rs10231663	<i>C7orf71,SKAP2</i>	1.79	1.2 - 2.66	0.004
7	26.691 - 26.862	rs212851	rs1391805	<i>SKAP2</i>	1.79	1.2 - 2.66	0.004
7	26.909 - 27.089	rs4722650	rs7797624	<i>SKAP2,HOXA1</i>	1.79	1.2 - 2.65	0.004
7	27.106 - 27.106	rs15494	rs15494	<i>HOTAIRM1</i>	1.79	1.2 - 2.66	0.004
7	27.110 - 27.110	rs2522828	rs2522828	<i>HOXA2,HOXA3</i>	1.79	1.2 - 2.66	0.004
7	27.115 - 27.117	rs6948297	rs10085570	<i>HOXA3</i>	1.79	1.2 - 2.66	0.004
7	27.140 - 27.141	rs6944900	rs12533947	<i>HOXA4,HOXA-AS3</i>	1.79	1.2 - 2.66	0.004
7	27.156 - 27.156	rs12666919	rs11762730	<i>HOXA-AS3</i>	1.79	1.2 - 2.66	0.004
7	27.165 - 27.165	rs10246712	rs10246712	<i>HOXA7,HOXA10-HOXA9</i>	1.79	1.2 - 2.66	0.004
7	27.168 - 27.168	rs10259620	rs10259620	<i>HOXA10-HOXA9</i>	1.79	1.2 - 2.66	0.004
14	77.476 - 77.791	rs17106642	rs10142940	<i>ADCK1,NONE</i>	0.48	0.31 - 0.84	0.004
7	28.253 - 28.298	rs543545	rs849322	<i>JAZF1-AS1,CREB5</i>	1.78	1.18 - 2.6	0.004
14	74.625 - 74.658	rs10142683	rs11623413	<i>NEK9</i>	0.48	0.29 - 0.8	0.004
14	74.559 - 74.588	rs175057	rs175083	<i>MLH3</i>	0.48	0.29 - 0.8	0.004
14	74.607 - 74.615	rs3742778	rs175490	<i>ZC2HC1C</i>	0.48	0.29 - 0.8	0.004
14	77.156 - 77.194	rs176910	rs4996830	<i>SPTLC2,ALKBH1</i>	0.48	0.29 - 0.8	0.004
14	77.042 - 77.147	rs17105886	rs176901	<i>SPTLC2</i>	0.48	0.31 - 0.84	0.005
14	74.545 - 74.545	rs175045	rs175045	<i>EIF2B2</i>	0.48	0.29 - 0.8	0.005
14	77.208 - 77.243	rs2267755	rs17825554	<i>ALKBH1</i>	0.48	0.29 - 0.8	0.005
14	77.248 - 77.248	rs176946	rs176946	<i>SLIRP</i>	0.48	0.29 - 0.8	0.005
14	77.254 - 77.291	rs17825620	rs8016447	<i>SNW1</i>	0.48	0.29 - 0.8	0.005
14	77.311 - 77.321	rs11620856	rs7150531	<i>C14orf178,ADCK1</i>	0.48	0.29 - 0.8	0.005
7	27.190 - 27.190	rs6968828	rs6968828	<i>HOXA11</i>	1.77	1.19 - 2.62	0.005
7	27.209 - 27.213	rs10233387	rs10228276	<i>HOTTIP</i>	1.77	1.19 - 2.62	0.005
7	27.230 - 27.232	rs6956721	rs11563587	<i>HOTTIP,EVX1</i>	1.77	1.19 - 2.62	0.005
7	27.264 - 27.527	rs7782529	rs940526	<i>EVX1,HIBADH</i>	1.77	1.19 - 2.62	0.005
14	74.479 - 74.485	rs10138685	rs2268614	<i>PGF</i>	0.48	0.29 - 0.8	0.005
14	74.506 - 74.522	rs175001	rs175011	<i>PGF,EIF2B2</i>	0.48	0.29 - 0.8	0.005
14	74.671 - 74.709	rs876402	rs2300601	<i>TMED10</i>	0.49	0.29 - 0.8	0.005
7	27.839 - 28.175	rs3823945	rs849320	<i>JAZF1</i>	1.76	1.16 - 2.52	0.005
12	66.203 - 66.244	rs11176772	rs10878630	<i>RP11-542B15.1</i>	0.46	0.29 - 0.84	0.005
6	54.828 - 54.914	rs9475046	rs9475077	<i>FAM83B</i>	0.47	0.27 - 0.8	0.005
6	54.919 - 55.141	rs6902422	rs6913639	<i>FAM83B,HCRTR2</i>	0.47	0.27 - 0.79	0.005
14	74.440 - 74.440	rs4903268	rs4903268	<i>RPS6KL1</i>	0.49	0.29 - 0.81	0.005
14	74.473 - 74.473	rs887746	rs887746	<i>RPS6KL1,PGF</i>	0.49	0.29 - 0.81	0.005
14	75.408 - 75.657	rs2884861	rs11626830	<i>BCYRN1</i>	0.49	0.3 - 0.81	0.005
14	75.198 - 75.400	rs6574250	rs8009747	<i>TLL5</i>	0.49	0.3 - 0.81	0.005
14	74.409 - 74.410	rs11851433	rs4903262	<i>PROX2,DLST</i>	0.49	0.29 - 0.81	0.005
14	74.419 - 74.435	rs8007114	rs732765	<i>DLST</i>	0.49	0.29 - 0.81	0.005
14	75.910 - 76.025	rs12586708	rs7160216	<i>ESRRB</i>	0.49	0.3 - 0.81	0.005
14	74.392 - 74.392	rs10483863	rs10483863	<i>PROX2</i>	0.49	0.29 - 0.81	0.005
14	74.033 - 74.140	rs4903233	rs8006778	<i>LTBP2</i>	0.49	0.32 - 0.87	0.005
14	75.764 - 75.890	rs2360982	rs7151132	<i>GPATCH2L,ESRRB</i>	0.49	0.3 - 0.81	0.005
14	75.016 - 75.040	rs7158350	rs175702	<i>JDP2,BATF</i>	0.49	0.29 - 0.81	0.005
11	59.920 - 59.942	rs3816270	rs1838093	<i>MS4A14</i>	1.74	1.05 - 2.31	0.005
11	59.949 - 59.949	rs4938944	rs4938944	<i>MS4A14,MS4A5</i>	1.74	1.18 - 2.57	0.005
11	59.955 - 59.971	rs10897061	rs12787520	<i>MS4A5</i>	1.74	1.18 - 2.57	0.005
11	59.979 - 59.992	rs11230333	rs1051756	<i>MS4A1</i>	1.74	1.18 - 2.57	0.005
11	60.004 - 60.009	rs1941032	rs17543397	<i>MS4A1,MS4A12</i>	1.74	1.18 - 2.57	0.005
6	54.364 - 54.817	rs487474	rs12195438	<i>TINAG,FAM83B</i>	0.47	0.28 - 0.81	0.005
7	28.195 - 28.245	rs550448	rs4722771	<i>JAZF1-AS1</i>	1.75	1.18 - 2.6	0.005
6	67.406 - 68.590	rs12208629	rs10223623	<i>SLC25A51PI,BAI3</i>	0.47	0.29 - 0.84	0.006

14	74.153 - 74.181	rs4903249	rs10047892	<i>LTBP2,AREL1</i>	0.49	0.29 - 0.81	0.006
14	75.694 - 75.746	rs8020977	rs1947084	<i>GPATCH2L</i>	0.49	0.3 - 0.81	0.006
11	60.020 - 60.025	rs8181503	rs2155710	<i>MS4A12</i>	1.74	1.18 - 2.57	0.006
11	60.035 - 60.035	rs10897076	rs10897076	<i>MS4A12,MS4A13</i>	1.74	1.18 - 2.57	0.006
11	60.046 - 60.054	rs4939391	rs2186919	<i>MS4A13</i>	1.74	1.18 - 2.57	0.006
6	53.640 - 53.743	rs9395874	rs6934065	<i>KLHL31,LRRC1</i>	0.47	0.28 - 0.81	0.006
6	53.971 - 53.979	rs927795	rs11965971	<i>MLIP-IT1</i>	0.47	0.28 - 0.8	0.006
14	74.200 - 74.247	rs752857	rs17102125	<i>AREL1</i>	0.49	0.29 - 0.81	0.006
14	75.660 - 75.684	rs2591096	rs7151939	<i>BCYRN1,GPATCH2L</i>	0.49	0.3 - 0.81	0.006
14	74.308 - 74.366	rs8016513	rs10148293	<i>YLPM1</i>	0.49	0.29 - 0.81	0.006
14	74.380 - 74.380	rs2058919	rs2058919	<i>YLPM1,PROX2</i>	0.49	0.29 - 0.81	0.006
14	74.252 - 74.270	rs17102178	rs3825708	<i>FCF1</i>	0.49	0.29 - 0.81	0.006
14	74.294 - 74.294	rs11848876	rs11848876	<i>FCF1,YLPM1</i>	0.49	0.29 - 0.81	0.006
6	53.982 - 53.989	rs7764823	rs1325821	<i>MLIP-IT1,MLIP</i>	0.47	0.28 - 0.8	0.006
6	53.990 - 54.237	rs10484654	rs9885789	<i>MLIP</i>	0.47	0.28 - 0.8	0.006
14	75.060 - 75.082	rs2734268	rs2228234	<i>BATF</i>	0.49	0.3 - 0.81	0.006
6	53.903 - 53.965	rs9464002	rs12213836	<i>LRRC1,MLIP-IT1</i>	0.47	0.28 - 0.8	0.006
6	53.772 - 53.885	rs4336450	rs9474681	<i>LRRC1</i>	0.47	0.28 - 0.81	0.006
14	75.115 - 75.181	rs11850801	rs10130308	<i>FLVCR2</i>	0.49	0.3 - 0.81	0.006
14	74.837 - 74.958	rs8021524	rs2049822	<i>RP11-293M10.5,JDP2</i>	0.49	0.3 - 0.82	0.006
6	82.520 - 82.914	rs9361858	rs1890118	<i>FAM46A,IBTK</i>	0.48	0.29 - 0.81	0.006
6	53.124 - 53.238	rs6915699	rs1429146	<i>GCM1,ELOVL5</i>	0.47	0.32 - 0.9	0.006
14	75.086 - 75.107	rs8021995	rs17103466	<i>BATF,AC007182.6</i>	0.49	0.3 - 0.81	0.006
12	66.249 - 66.323	rs2700055	rs10878640	<i>RP11-542B15.1,DYRK2</i>	0.46	0.27 - 0.8	0.006
14	74.717 - 74.805	rs17103071	rs2205189	<i>TMED10,FOS</i>	0.49	0.3 - 0.82	0.006
14	74.824 - 74.828	rs1009392	rs6574222	<i>FOS,RP11-293M10.5</i>	0.49	0.3 - 0.82	0.006
6	81.113 - 82.509	rs9359414	rs2323515	<i>BCKDHB,FAM46A</i>	0.48	0.31 - 0.87	0.006
6	53.621 - 53.634	rs9474613	rs2478346	<i>KLHL31</i>	0.47	0.28 - 0.81	0.006
6	54.245 - 54.279	rs6913087	rs3756808	<i>MLIP,TINAG</i>	0.47	0.28 - 0.81	0.006
6	54.280 - 54.362	rs16885194	rs10498797	<i>TINAG</i>	0.47	0.28 - 0.81	0.006
11	63.099 - 63.136	rs591304	rs652233	<i>PLA2G16</i>	1.72	1.08 - 2.35	0.006
11	63.152 - 63.152	rs17158453	rs17158453	<i>ATL3</i>	1.72	1.17 - 2.52	0.006
11	63.253 - 63.280	rs10897445	rs580695	<i>RTN3</i>	1.72	1.17 - 2.52	0.006
6	82.511 - 82.511	rs7745467	rs7745467	<i>FAM46A</i>	0.48	0.29 - 0.81	0.006
11	60.306 - 60.306	rs1506682	rs1506682	<i>MS4A15,MS4A10</i>	1.73	1.17 - 2.56	0.006
11	60.312 - 60.323	rs10897113	rs510570	<i>MS4A10</i>	1.73	1.17 - 2.56	0.006
6	53.242 - 53.314	rs2073040	rs209517	<i>ELOVL5</i>	0.47	0.28 - 0.81	0.006
20	8.062 - 8.811	rs6118083	rs16995375	<i>PLCB1</i>	0.48	0.31 - 0.86	0.006
11	63.316 - 63.335	rs557146	rs12283898	<i>C11orf95,C11orf84</i>	1.71	1.17 - 2.52	0.006
6	53.524 - 53.619	rs11758818	rs4715411	<i>GCLC,KLHL31</i>	0.48	0.28 - 0.81	0.006
11	67.531 - 67.542	rs3763942	rs581105	<i>ALDH3B1</i>	1.72	1.17 - 2.54	0.006
6	53.469 - 53.511	rs7742367	rs6926440	<i>GCLC</i>	0.48	0.28 - 0.82	0.006
11	63.348 - 63.348	rs626333	rs626333	<i>C11orf84</i>	1.71	1.16 - 2.51	0.006
11	63.355 - 63.355	rs7107584	rs7107584	<i>C11orf84,MARK2</i>	1.71	1.16 - 2.51	0.006
6	53.331 - 53.468	rs1518514	rs9474574	<i>ELOVL5,GCLC</i>	0.48	0.28 - 0.81	0.007
14	76.301 - 76.313	rs8017640	rs10147682	<i>VASH1</i>	0.50	0.3 - 0.82	0.007
14	76.056 - 76.296	rs11159210	rs11847566	<i>ESRRB,VASH1</i>	0.50	0.3 - 0.82	0.007
11	63.436 - 63.436	rs320109	rs320109	<i>RCOR2</i>	1.71	1.16 - 2.51	0.007
11	63.459 - 63.459	rs11231646	rs7129685	<i>RCOR2,NAA40</i>	1.71	1.16 - 2.51	0.007
11	63.463 - 63.465	rs4980499	rs728919	<i>NAA40</i>	1.71	1.16 - 2.51	0.007
11	63.372 - 63.434	rs454474	rs10736731	<i>MARK2</i>	1.71	1.16 - 2.51	0.007
7	26.547 - 26.638	rs4604331	rs6944239	<i>KIAA0087,C7orf71</i>	1.74	1.15 - 2.54	0.007
6	71.433 - 71.625	rs781982	rs576516	<i>SMAP1</i>	0.48	0.3 - 0.86	0.007
6	71.629 - 71.724	rs2038477	rs6900011	<i>B3GAT2</i>	0.48	0.28 - 0.82	0.007
11	67.213 - 67.306	rs2514025	rs7929569	<i>ALDH3B2,FAM86C2P</i>	1.71	1.16 - 2.52	0.007
7	27.762 - 27.800	rs2237342	rs1544414	<i>TAX1BP1</i>	1.71	1.16 - 2.52	0.007

7	27.670 - 27.742	rs12700831	rs17611937	<i>HIBADH,TAX1BP1</i>	1.71	1.16 - 2.52	0.007
7	26.649 - 26.649	rs7807239	rs7807239	<i>C7orf71</i>	1.73	1.16 - 2.58	0.007
11	67.185 - 67.199	rs6591269	rs17510687	<i>ALDH3B2</i>	1.71	1.15 - 2.51	0.007
7	27.531 - 27.668	rs6956484	rs42088	<i>HIBADH</i>	1.71	1.16 - 2.52	0.007
14	76.579 - 76.603	rs205806	rs17811461	<i>RP11-7F17.5</i>	0.50	0.31 - 0.83	0.007
14	76.607 - 76.611	rs2542012	rs17105293	<i>RP11-7F17.3</i>	0.50	0.31 - 0.83	0.007
14	76.720 - 76.792	rs11628257	rs383459	<i>TMEM63C</i>	0.50	0.31 - 0.83	0.007
14	76.797 - 76.797	rs368855	rs368855	<i>TMEM63C,NGB</i>	0.50	0.3 - 0.83	0.007
14	76.809 - 76.809	rs6574363	rs6574363	<i>NGB,POMT2</i>	0.50	0.3 - 0.83	0.007
14	76.810 - 76.855	rs8009261	rs2193594	<i>POMT2</i>	0.50	0.3 - 0.83	0.007
6	74.597 - 75.846	rs3012541	rs554152	<i>CD109,COL12A1</i>	0.48	0.28 - 0.83	0.007
14	76.635 - 76.652	rs4903541	rs3742742	<i>CIPC</i>	0.50	0.31 - 0.83	0.007
14	76.657 - 76.666	rs937720	rs2110910	<i>CIPC,ZDHHC22</i>	0.50	0.31 - 0.83	0.007
14	76.685 - 76.712	rs158120	rs7160791	<i>ZDHHC22,TMEM63C</i>	0.50	0.31 - 0.83	0.007
14	76.615 - 76.625	rs12895988	rs17105316	<i>RP11-7F17.3,CIPC</i>	0.50	0.31 - 0.83	0.007
11	67.177 - 67.180	rs2885171	rs4930211	<i>ACY3,ALDH3B2</i>	1.70	1.15 - 2.51	0.007
14	76.566 - 76.572	rs205813	rs205817	<i>IRF2BPL,RP11-7F17.5</i>	0.50	0.31 - 0.83	0.007
11	67.161 - 67.161	rs4930210	rs4930462	<i>TBX10</i>	1.70	1.15 - 2.51	0.008
11	67.168 - 67.172	rs2447587	rs2514037	<i>ACY3</i>	1.70	1.15 - 2.51	0.008
11	67.108 - 67.108	rs8191446	rs8191446	<i>GSTP1</i>	1.70	1.15 - 2.51	0.008
11	67.130 - 67.130	rs12421762	rs12421762	<i>NDUFV1</i>	1.70	1.15 - 2.51	0.008
11	67.151 - 67.151	rs10896188	rs4930461	<i>NUDT8</i>	1.70	1.15 - 2.51	0.008
14	76.560 - 76.560	rs17105180	rs17105180	<i>IRF2BPL</i>	0.51	0.31 - 0.83	0.008
14	76.666 - 76.670	rs1394363	rs12372893	<i>ZDHHC22</i>	0.50	0.31 - 0.83	0.008
6	74.466 - 74.593	rs9446984	rs3012519	<i>CD109</i>	0.48	0.3 - 0.86	0.008
11	67.050 - 67.106	rs4930430	rs8191431	<i>CABP2,GSTP1</i>	1.70	1.14 - 2.49	0.008
14	76.412 - 76.549	rs2362747	rs12434850	<i>C14orf166B,IRF2BPL</i>	0.51	0.31 - 0.85	0.008
14	76.319 - 76.319	rs11626423	rs11626423	<i>LOC100506603</i>	0.51	0.31 - 0.84	0.008
14	76.323 - 76.344	rs1076584	rs2075774	<i>ANGEL1</i>	0.51	0.31 - 0.84	0.008
14	76.352 - 76.359	rs6574331	rs8008960	<i>ANGEL1,C14orf166B</i>	0.51	0.31 - 0.84	0.008
14	76.363 - 76.407	rs8020289	rs2205193	<i>C14orf166B</i>	0.51	0.31 - 0.84	0.008
14	76.995 - 77.005	rs1061629	rs17751406	<i>AHSA1</i>	0.51	0.31 - 0.84	0.008
14	72.156 - 72.427	rs8012752	rs2333006	<i>DPF3</i>	0.51	0.31 - 0.85	0.008
14	76.861 - 76.866	rs8004558	rs8177571	<i>GSTZ1</i>	0.51	0.31 - 0.84	0.008
14	76.874 - 76.874	rs2160838	rs2160838	<i>GSTZ1,TMED8</i>	0.51	0.31 - 0.84	0.008
14	76.879 - 76.905	rs2287398	rs10135535	<i>TMED8</i>	0.51	0.31 - 0.84	0.008
14	76.922 - 76.924	rs4903581	rs7155063	<i>SAMD15</i>	0.51	0.31 - 0.84	0.008
14	76.940 - 76.958	rs176769	rs8017215	<i>NOXRRED1</i>	0.51	0.31 - 0.84	0.008
14	76.962 - 76.991	rs17824094	rs17105811	<i>VIPAS39</i>	0.51	0.31 - 0.84	0.008
12	64.984 - 65.012	rs2118138	rs1168309	<i>HELB</i>	0.48	0.28 - 0.83	0.008
12	64.943 - 64.978	rs2118137	rs10878402	<i>IRAK3,HELB</i>	0.48	0.28 - 0.83	0.008
14	77.006 - 77.009	rs17751412	rs11622359	<i>AHSA1,ISM2</i>	0.51	0.31 - 0.84	0.008
14	77.010 - 77.027	rs8135	rs10145540	<i>ISM2</i>	0.51	0.31 - 0.84	0.008
14	77.352 - 77.467	rs6574404	rs2287653	<i>ADCK1</i>	0.51	0.31 - 0.84	0.008
12	64.875 - 64.934	rs1168771	rs11541076	<i>IRAK3</i>	0.49	0.28 - 0.83	0.008
7	26.540 - 26.544	rs6957786	rs10241879	<i>KIAA0087</i>	1.71	1.13 - 2.5	0.008
12	64.854 - 64.867	rs1168740	rs1732887	<i>TMBIM4,IRAK3</i>	0.49	0.29 - 0.84	0.009
14	77.038 - 77.039	rs8004601	rs8010250	<i>ISM2,SPTLC2</i>	0.51	0.31 - 0.84	0.009
11	67.011 - 67.014	rs581525	rs641081	<i>AIP</i>	1.69	1.14 - 2.49	0.009
11	67.033 - 67.033	rs672432	rs672432	<i>CDK2AP2</i>	1.69	1.14 - 2.49	0.009
11	67.045 - 67.045	rs2276118	rs2276118	<i>CABP2</i>	1.69	1.14 - 2.49	0.009
12	65.029 - 65.352	rs11176151	rs6581712	<i>GRIP1</i>	0.49	0.31 - 0.88	0.009
20	8.818 - 8.994	rs6140786	rs932584	<i>PLCB1,PLCB4</i>	0.50	0.3 - 0.84	0.009
6	66.567 - 67.395	rs1938105	rs1563300	<i>SLC25A51PI,NONE</i>	0.49	0.31 - 0.86	0.009
12	65.997 - 66.195	rs11176683	rs10506556	<i>CAND1,RP11-542B15.1</i>	0.49	0.3 - 0.86	0.009
21	36.615 - 36.631	rs6517346	rs2835337	<i>MORC3</i>	1.70	1.13 - 2.52	0.009

14	72.112 - 72.153	rs11158963	rs12590634	<i>RGS6,DPF3</i>	0.52	0.31 - 0.85	0.009
12	64.707 - 64.799	rs7974292	rs1168765	<i>MIR6074,LLPH</i>	0.49	0.31 - 0.89	0.009
6	74.004 - 74.005	rs6453658	rs6911421	<i>KHDC1L,KHDC1</i>	0.50	0.29 - 0.84	0.009
6	72.659 - 73.169	rs1328710	rs1055270	<i>RIMS1</i>	0.50	0.3 - 0.85	0.009
6	73.176 - 73.382	rs6908357	rs9442829	<i>RIMS1,KCNQ5</i>	0.50	0.3 - 0.84	0.009
8	1.984 - 2.080	rs17064574	rs3407	<i>MYOM2</i>	1.72	1.08 - 2.47	0.010
11	63.983 - 64.069	rs4247634	rs7124676	<i>LOC100996455,SLC22A11</i>	1.67	1.12 - 2.44	0.010
8	1.900 - 1.907	rs4532638	rs4490884	<i>ARHGEF10,KBTD11</i>	1.73	1.1 - 2.52	0.010
9	15.021 - 15.151	rs2688212	rs10123573	<i>LOC389705,TTC39B</i>	1.66	1.13 - 2.43	0.010
6	74.008 - 74.032	rs6453659	rs4708042	<i>KHDC1</i>	0.50	0.29 - 0.84	0.010
6	73.391 - 73.965	rs7768673	rs9293926	<i>KCNQ5</i>	0.50	0.32 - 0.91	0.010
6	73.970 - 73.987	rs7740791	rs12173399	<i>KCNQ5,KHDC1L</i>	0.50	0.29 - 0.84	0.010
6	73.903 - 73.908	rs2796047	rs6919630	<i>KCNQ5-AS1</i>	0.50	0.3 - 0.85	0.010
9	14.914 - 14.980	rs7848497	rs10961819	<i>FREM1,LOC389705</i>	1.66	1.12 - 2.41	0.010
12	64.836 - 64.847	rs1185628	rs1185888	<i>TMBIM4</i>	0.49	0.29 - 0.84	0.010
21	36.673 - 36.673	rs218623	rs218623	<i>MORC3,CHAF1B</i>	1.69	1.13 - 2.52	0.010
11	68.825 - 69.157	rs4619154	rs655089	<i>MYEOV,CCND1</i>	1.69	1.11 - 2.45	0.010
14	71.479 - 72.103	rs36318	rs7148786	<i>RGS6</i>	0.52	0.34 - 0.91	0.010
7	26.504 - 26.536	rs6967710	rs2391283	<i>LOC441204,KIAA0087</i>	1.68	1.13 - 2.5	0.010
8	1.436 - 1.641	rs2286217	rs2957054	<i>DLGAP2</i>	1.72	1.13 - 2.58	0.010
12	65.364 - 65.944	rs4244067	rs7973565	<i>GRIPI,CAND1</i>	0.50	0.29 - 0.85	0.010
9	14.995 - 15.008	rs1916309	rs10961832	<i>LOC389705</i>	1.66	1.13 - 2.43	0.010
14	77.942 - 79.403	rs17107508	rs1569333	<i>NRXN3</i>	0.52	0.33 - 0.89	0.010
7	26.301 - 26.369	rs972158	rs2699808	<i>SNX10</i>	1.68	1.12 - 2.47	0.010
21	36.460 - 36.585	rs2835291	rs9977444	<i>DOPEY2</i>	1.69	1.11 - 2.46	0.010
21	36.592 - 36.592	rs8130517	rs8130517	<i>DOPEY2,MORC3</i>	1.69	1.13 - 2.52	0.010
7	26.413 - 26.500	rs1229670	rs6969646	<i>LOC441204</i>	1.68	1.12 - 2.48	0.010
11	67.647 - 67.673	rs7127090	rs1547889	<i>CHKA,SUV420H1</i>	1.67	1.13 - 2.47	0.010
11	67.685 - 67.736	rs1540209	rs11228163	<i>SUV420H1</i>	1.67	1.13 - 2.47	0.010
11	67.556 - 67.561	rs3133266	rs4147779	<i>NDUFS8</i>	1.67	1.13 - 2.47	0.011
11	67.590 - 67.613	rs7928739	rs2511437	<i>CHKA</i>	1.67	1.13 - 2.47	0.011
6	71.075 - 71.174	rs533071	rs1075262	<i>COL9A1,FAM135A</i>	0.51	0.31 - 0.88	0.011
6	71.182 - 71.325	rs9294868	rs7755334	<i>FAM135A</i>	0.51	0.3 - 0.85	0.011
6	71.334 - 71.354	rs12216376	rs10945231	<i>C6orf57</i>	0.51	0.3 - 0.85	0.011
7	25.958 - 26.144	rs9639523	rs10233116	<i>MIR148A,NFE2L3</i>	1.68	1.12 - 2.47	0.011
6	74.044 - 74.057	rs502282	rs16883538	<i>C6orf147</i>	0.50	0.3 - 0.85	0.011
6	74.295 - 74.345	rs9352005	rs5355502	<i>EEF1A1,SLC17A5</i>	0.50	0.3 - 0.85	0.011
11	60.340 - 60.364	rs2957229	rs1544398	<i>MS4A10,CCDC86</i>	1.67	1.13 - 2.47	0.011
7	25.237 - 25.934	rs7780038	rs6954965	<i>NPVF,MIR148A</i>	1.66	0.99 - 2.18	0.011
6	74.366 - 74.415	rs364734	rs2500219	<i>SLC17A5</i>	0.50	0.3 - 0.85	0.011
6	74.421 - 74.436	rs3757108	rs6453688	<i>SLC17A5,CD109</i>	0.50	0.3 - 0.85	0.011
21	36.711 - 36.711	rs16994069	rs16994069	<i>CHAF1B</i>	1.68	1.13 - 2.5	0.011
21	36.721 - 36.750	rs2835343	rs219789	<i>CHAF1B,CLDN14</i>	1.68	1.13 - 2.5	0.011
6	74.082 - 74.117	rs567935	rs7755222	<i>C6orf147,DPPA5</i>	0.50	0.3 - 0.85	0.011
6	74.136 - 74.136	rs7740005	rs7740005	<i>OOEP</i>	0.50	0.3 - 0.85	0.011
6	74.168 - 74.180	rs3757107	rs9442907	<i>DDX43</i>	0.50	0.3 - 0.85	0.011
6	74.190 - 74.190	rs311680	rs311680	<i>MB21D1</i>	0.50	0.3 - 0.85	0.011
6	74.248 - 74.264	rs535902	rs7754947	<i>MTO1</i>	0.50	0.3 - 0.85	0.011
6	74.273 - 74.273	rs674708	rs674708	<i>MTO1,EEF1A1</i>	0.50	0.3 - 0.85	0.011
6	74.281 - 74.287	rs7751342	rs3822960	<i>EEF1A1</i>	0.50	0.3 - 0.85	0.011
11	68.703 - 68.807	rs12417953	rs11826103	<i>RP11-554A11.8,MYEOV</i>	1.67	1.11 - 2.46	0.011
8	4.841 - 6.242	rs4875428	rs1596457	<i>CSMD1,LOC100287015</i>	1.69	1.08 - 2.43	0.011
11	63.899 - 63.970	rs494403	rs12800000	<i>RPS6KA4,LOC100996455</i>	1.66	1.12 - 2.43	0.011
8	1.239 - 1.435	rs6558440	rs7016029	<i>LOC286083,DLGAP2</i>	1.71	1.12 - 2.54	0.011
6	66.479 - 66.511	rs9345675	rs2812768	<i>EYS,SLC25A51P1</i>	0.51	0.3 - 0.86	0.011
6	71.358 - 71.429	rs9455176	rs781977	<i>C6orf57,SMAP1</i>	0.51	0.3 - 0.86	0.011

7	26.384 - 26.405	rs10951134	rs1013688	<i>SNX10,LOC441204</i>	1.67	1.13 - 2.49	0.011
5	3.667 - 4.818	rs7719131	rs7704914	<i>IRX1,LOC101929153</i>	1.67	1.04 - 2.36	0.011
7	26.159 - 26.179	rs2158359	rs2237330	<i>NFE2L3</i>	1.67	1.12 - 2.48	0.011
20	7.960 - 8.059	rs6039012	rs932491	<i>TMX4,PLCB1</i>	0.52	0.32 - 0.88	0.011
11	63.482 - 63.496	rs11231657	rs12280970	<i>NAA40,COX8A</i>	1.65	1.11 - 2.42	0.011
11	67.525 - 67.525	rs11228120	rs11228120	<i>UNC93B1</i>	1.66	1.12 - 2.46	0.011
6	82.947 - 82.983	rs9361895	rs7743511	<i>IBTK</i>	0.52	0.31 - 0.86	0.011
11	61.032 - 61.032	rs7118276	rs7118276	<i>LRRIC10B,MIR4488</i>	1.66	1.12 - 2.46	0.012
11	67.503 - 67.503	rs11530797	rs11530797	<i>FAM86C2P,UNC93B1</i>	1.66	1.12 - 2.45	0.012
9	14.727 - 14.901	rs10511596	rs10122340	<i>FREM1</i>	1.64	1.07 - 2.32	0.012
11	61.043 - 61.099	rs2908206	rs887646	<i>SYT7</i>	1.66	1.12 - 2.45	0.012
11	60.365 - 60.374	rs558584	rs7167	<i>CCDC86</i>	1.65	1.12 - 2.45	0.012
7	26.222 - 26.281	rs11983671	rs10228543	<i>CBX3,SNX10</i>	1.66	1.12 - 2.47	0.012
14	73.944 - 73.954	rs2884545	rs8007552	<i>SYNDIG1L</i>	0.53	0.32 - 0.88	0.012
14	73.964 - 74.010	rs7156302	rs1029701	<i>SYNDIG1L,NPC2</i>	0.53	0.32 - 0.87	0.012
21	36.382 - 36.406	rs735143	rs4817775	<i>AP000688.14</i>	1.67	1.1 - 2.43	0.012
21	36.430 - 36.447	rs879894	rs726271	<i>CBR3-AS1</i>	1.67	1.12 - 2.48	0.012
7	26.209 - 26.210	rs10233641	rs2391265	<i>CBX3</i>	1.66	1.12 - 2.47	0.012
8	1.501 - 1.555	rs3815235	rs2957091	<i>RP11-666119.2</i>	1.70	1.13 - 2.58	0.012
11	60.378 - 60.379	rs6591629	rs4939469	<i>PTGDR2</i>	1.65	1.12 - 2.44	0.012
11	60.384 - 60.384	rs533116	rs536826	<i>PTGDR2,ZPI</i>	1.65	1.12 - 2.44	0.012
11	60.390 - 60.390	rs7925540	rs7925540	<i>ZPI</i>	1.65	1.12 - 2.44	0.012
11	60.404 - 60.412	rs607686	rs7107068	<i>ZPI,PRPF19</i>	1.65	1.12 - 2.44	0.012
11	60.420 - 60.424	rs4939474	rs7928208	<i>PRPF19</i>	1.65	1.12 - 2.44	0.012
11	60.434 - 60.434	rs4939477	rs4939477	<i>PRPF19,TMEM109</i>	1.65	1.12 - 2.44	0.012
11	60.449 - 60.456	rs628632	rs7114357	<i>TMEM132A</i>	1.65	1.12 - 2.44	0.012
7	26.194 - 26.194	rs10265394	rs10265394	<i>NFE2L3,HNRNPA2B1</i>	1.66	1.12 - 2.47	0.012
6	78.696 - 79.629	rs2207343	rs9361459	<i>MEI4,IRAK1BP1</i>	0.52	0.34 - 0.93	0.012
11	63.530 - 63.687	rs12283313	rs2845589	<i>MACROD1</i>	1.65	1.12 - 2.43	0.012
14	74.017 - 74.026	rs8008540	rs4899515	<i>NPC2</i>	0.53	0.32 - 0.87	0.012
14	74.031 - 74.032	rs4903231	rs11159086	<i>ISCA2</i>	0.53	0.32 - 0.87	0.012
11	60.466 - 60.469	rs550997	rs522141	<i>SLC15A3</i>	1.65	1.12 - 2.44	0.012
11	63.641 - 63.642	rs3751120	rs4379854	<i>FLRT1</i>	1.65	1.12 - 2.43	0.012
11	63.694 - 63.694	rs2622413	rs2622413	<i>MACROD1,STIP1</i>	1.65	1.12 - 2.43	0.012
11	63.721 - 63.721	rs2236647	rs2236648	<i>STIP1</i>	1.65	1.12 - 2.43	0.012
11	63.748 - 63.748	rs1059440	rs1059440	<i>TRPT1</i>	1.65	1.12 - 2.43	0.012
11	63.764 - 63.764	rs611637	rs611637	<i>FKBP2;VEGFB</i>	1.65	1.12 - 2.43	0.012
11	63.803 - 63.803	rs11231740	rs7952435	<i>BAD</i>	1.65	1.12 - 2.43	0.012
11	63.846 - 63.846	rs4930702	rs4930702	<i>PRDX5</i>	1.65	1.12 - 2.43	0.012
11	63.862 - 63.862	rs499425	rs499425	<i>PRDX5,CCDC88B</i>	1.65	1.12 - 2.43	0.012
11	63.863 - 63.864	rs558864	rs479777	<i>CCDC88B</i>	1.65	1.12 - 2.43	0.012
11	63.887 - 63.887	rs3782101	rs3782101	<i>RPS6KA4</i>	1.65	1.12 - 2.43	0.012
21	16.366 - 16.892	rs11911247	rs2823901	<i>C21orf35</i>	1.67	1.03 - 2.33	0.012
6	80.576 - 80.634	rs9352769	rs1655882	<i>C6orf7</i>	0.52	0.31 - 0.87	0.012
11	71.527 - 71.529	rs7926875	rs623585	<i>FOLR3</i>	1.67	1.12 - 2.49	0.012
11	71.530 - 71.549	rs495825	rs12418074	<i>FOLR3,FOLR1</i>	1.67	1.12 - 2.49	0.012
6	80.401 - 80.470	rs10455361	rs6899814	<i>SH3BGRL2</i>	0.52	0.31 - 0.87	0.012
6	83.023 - 83.126	rs950611	rs770894	<i>IBTK,TPBG</i>	0.52	0.31 - 0.87	0.012
6	80.305 - 80.394	rs2655694	rs6934885	<i>LCA5,SH3BGRL2</i>	0.52	0.31 - 0.87	0.012
11	63.631 - 63.631	rs683996	rs683996	<i>FLRT1,MACROD1</i>	1.64	1.11 - 2.42	0.012
10	80.878 - 80.918	rs16937185	rs7920426	<i>ZCCHC24,EIF5AL1</i>	1.65	1.11 - 2.42	0.012
6	80.014 - 80.248	rs4706760	rs2655668	<i>HMGN3-AS1,LCA5</i>	0.52	0.31 - 0.87	0.012
6	79.845 - 79.965	rs1413967	rs6912569	<i>PHIP,HMGN3</i>	0.52	0.31 - 0.87	0.012
11	74.957 - 74.960	rs646474	rs585821	<i>SERPINH1</i>	1.66	1.08 - 2.4	0.012
11	74.964 - 74.971	rs609309	rs599816	<i>SERPINH1,MAP6</i>	1.66	1.12 - 2.47	0.012
11	74.975 - 75.054	rs589063	rs656007	<i>MAP6</i>	1.66	1.12 - 2.47	0.012

6	79.638 - 79.657	rs7738062	rs12192086	<i>IRAK1BP1</i>	0.52	0.31 - 0.87	0.012
6	79.670 - 79.676	rs1354832	rs9443624	<i>IRAK1BP1,PHIP</i>	0.52	0.31 - 0.87	0.012
6	79.710 - 79.821	rs7740307	rs9343865	<i>PHIP</i>	0.52	0.31 - 0.87	0.012
6	80.471 - 80.565	rs12203304	rs6454132	<i>SH3BGRL2,C6orf7</i>	0.52	0.31 - 0.87	0.012
12	65.951 - 65.992	rs17103644	rs1252402	<i>CAND1</i>	0.51	0.3 - 0.86	0.012
8	1.083 - 1.228	rs12716579	rs760179	<i>ERICHI-AS1,LOC286083</i>	1.69	1.08 - 2.44	0.012
6	79.967 - 79.992	rs9352704	rs4706756	<i>HMGN3</i>	0.52	0.31 - 0.87	0.012
6	80.001 - 80.001	rs1060419	rs12202025	<i>HMGN3-AS1</i>	0.52	0.31 - 0.87	0.012
6	80.716 - 80.769	rs240309	rs240217	<i>ELOVL4,TTK</i>	0.52	0.31 - 0.87	0.012
6	80.777 - 80.804	rs1897870	rs17254348	<i>TTK</i>	0.52	0.31 - 0.87	0.012
6	80.810 - 80.871	rs681405	rs2490232	<i>TTK,BCKDHB</i>	0.52	0.31 - 0.87	0.012
6	80.896 - 81.099	rs9294171	rs1541210	<i>BCKDHB</i>	0.52	0.31 - 0.87	0.012
6	83.145 - 83.657	rs5007914	rs7740946	<i>TPBG,UBE3D</i>	0.52	0.31 - 0.87	0.012
8	1.646 - 1.694	rs2957055	rs7846610	<i>DLGAP2,CLN8</i>	1.70	1.12 - 2.57	0.012
6	42.298 - 42.298	rs10452607	rs4714584	<i>MRPS10,TRERF1</i>	0.51	0.33 - 0.92	0.012
11	71.579 - 71.579	rs7109250	rs7109250	<i>FOLR1</i>	1.67	1.12 - 2.48	0.012
11	68.617 - 68.663	rs7111999	rs7928319	<i>TPCN2,RP11-554A11.8</i>	1.66	1.1 - 2.42	0.013
13	69.613 - 70.484	rs9529683	rs17087849	<i>ATXN8OS,LINC00348</i>	0.53	0.33 - 0.88	0.013
11	68.671 - 68.691	rs10792024	rs896968	<i>RP11-554A11.8</i>	1.65	1.11 - 2.46	0.013
8	1.235 - 1.239	rs17063786	rs7817445	<i>LOC286083</i>	1.69	1.12 - 2.54	0.013
11	68.286 - 68.362	rs7112615	rs7943745	<i>CPT1A</i>	1.65	1.11 - 2.45	0.013
11	64.089 - 64.096	rs1783811	rs17159320	<i>SLC22A11</i>	1.65	1.11 - 2.43	0.013
11	68.232 - 68.270	rs4930597	rs4930606	<i>MTL5</i>	1.65	1.08 - 2.38	0.013
14	73.904 - 73.929	rs10142775	rs4903219	<i>VRTN,SYNDIG1L</i>	0.53	0.32 - 0.87	0.013
6	80.681 - 80.711	rs2991	rs239516	<i>ELOVL4</i>	0.52	0.31 - 0.87	0.013
14	73.849 - 73.879	rs740526	rs10132720	<i>ABCD4,VRTN</i>	0.53	0.32 - 0.88	0.013
6	70.159 - 70.430	rs12525747	rs6455336	<i>BAI3,LMBRD1</i>	0.51	0.3 - 0.87	0.013
9	14.391 - 14.586	rs16931709	rs7852534	<i>NFIB,ZDHHC21</i>	1.65	1.1 - 2.42	0.013
14	73.800 - 73.808	rs12895803	rs11844616	<i>VSX2,ABCD4</i>	0.53	0.33 - 0.89	0.013
14	73.828 - 73.829	rs7158376	rs4148077	<i>ABCD4</i>	0.53	0.32 - 0.88	0.013
15	37.335 - 37.657	rs156787	rs1382444	<i>C15orf54,THBS1</i>	0.52	0.32 - 0.88	0.013
21	37.050 - 37.268	rs2845804	rs9983516	<i>HLCS</i>	1.66	1.07 - 2.39	0.013
6	80.251 - 80.291	rs2655670	rs2803196	<i>LCA5</i>	0.52	0.31 - 0.87	0.013
6	69.402 - 70.154	rs2256337	rs1328735	<i>BAI3</i>	0.51	0.31 - 0.88	0.013
12	66.417 - 66.666	rs1871566	rs992078	<i>RP11-43N5.1,IFNG-AS1</i>	0.51	0.32 - 0.9	0.013
11	49.933 - 49.955	rs1851847	rs12799207	<i>OR4C13,OR4C12</i>	1.62	1.11 - 2.38	0.013
11	49.958 - 49.958	rs10769647	rs10769647	<i>OR4C12</i>	1.62	1.11 - 2.38	0.013
11	49.992 - 50.190	rs1818894	rs12360875	<i>OR4C12,LOC441601</i>	1.62	1.11 - 2.38	0.013
11	50.210 - 50.214	rs11245619	rs11245624	<i>LOC441601</i>	1.62	1.11 - 2.38	0.013
11	50.224 - 50.255	rs10794227	rs4111476	<i>LOC441601,LOC646813</i>	1.62	1.11 - 2.38	0.013
11	50.330 - 50.330	rs3866801	rs3866801	<i>LOC646813</i>	1.62	1.11 - 2.38	0.013
11	50.337 - 51.257	rs691093	rs570811	<i>LOC646813,OR4A5</i>	1.62	1.11 - 2.38	0.013
6	80.640 - 80.679	rs346319	rs343703	<i>C6orf7,ELOVL4</i>	0.52	0.31 - 0.88	0.013
10	80.817 - 80.870	rs10740498	rs7086488	<i>ZCCHC24</i>	1.64	1.11 - 2.42	0.013
9	13.425 - 13.911	rs2225173	rs16931137	<i>FLJ41200,LINC00583</i>	1.65	0.92 - 2.09	0.013
9	13.922 - 13.933	rs10122002	rs16931161	<i>LINC00583</i>	1.65	1.11 - 2.45	0.013
13	71.347 - 72.051	rs6562685	rs1556817	<i>DACHI,MIR54814</i>	0.53	0.34 - 0.92	0.013
5	4.829 - 5.086	rs2088900	rs10067991	<i>LOC101929153,LINC0102</i>	1.65	1.1 - 2.44	0.013
11	60.479 - 60.494	rs541591	rs2905693	<i>SLC15A3,CD6</i>	1.64	1.11 - 2.42	0.013
11	60.495 - 60.541	rs1859206	rs1050922	<i>CD6</i>	1.64	1.11 - 2.42	0.013
21	36.455 - 36.455	rs9983026	rs11088342	<i>CBR3-AS1,DOPEY2</i>	1.65	1.11 - 2.45	0.013
6	70.444 - 70.561	rs9360397	rs9354890	<i>LMBRD1</i>	0.51	0.3 - 0.87	0.013
6	70.564 - 70.630	rs3806960	rs1934898	<i>LMBRD1,COL19A1</i>	0.51	0.3 - 0.87	0.013
10	80.791 - 80.806	rs2181080	rs12246274	<i>PPIF,ZCCHC24</i>	1.64	1.11 - 2.42	0.013
10	80.783 - 80.784	rs35008901	rs11002941	<i>PPIF</i>	1.64	1.11 - 2.42	0.013
11	49.194 - 49.527	rs12788284	rs7114564	<i>FOLH1,LOC440040</i>	1.62	1.02 - 2.21	0.014

11	49.538 - 49.726	rs11040428	rs10839357	<i>LOC440040</i>	1.62	1.11 - 2.37	0.014
11	49.816 - 49.901	rs10839398	rs1829949	<i>LOC440040,OR4C13</i>	1.62	1.11 - 2.37	0.014
9	13.950 - 14.070	rs12335962	rs881354	<i>LINC00583,NFIB</i>	1.65	1.11 - 2.44	0.014
11	60.825 - 60.854	rs9651726	rs2444554	<i>DDB1</i>	1.63	1.11 - 2.41	0.014
11	60.891 - 60.891	rs1037448	rs1037448	<i>TMEM138</i>	1.63	1.11 - 2.41	0.014
11	60.909 - 60.913	rs4453253	rs12284488	<i>TMEM138,TMEM216</i>	1.63	1.11 - 2.41	0.014
11	60.921 - 60.921	rs3741265	rs3741265	<i>TMEM216</i>	1.63	1.11 - 2.41	0.014
14	73.136 - 73.146	rs6574129	rs12590145	<i>ACOT4,ACOT6</i>	0.54	0.33 - 0.89	0.014
14	73.153 - 73.153	rs10136341	rs17128948	<i>ACOT6</i>	0.54	0.33 - 0.88	0.014
11	60.789 - 60.804	rs1815842	rs12279557	<i>VWCE</i>	1.63	1.1 - 2.4	0.014
9	14.078 - 14.386	rs548824	rs10481545	<i>NFIB</i>	1.64	1.1 - 2.41	0.014
11	60.653 - 60.686	rs12288312	rs11230619	<i>VPS37C</i>	1.63	1.1 - 2.4	0.014
10	81.722 - 81.783	rs11200982	rs11201292	<i>SFTPD,TMEM254-AS1</i>	1.63	1.1 - 2.39	0.014
13	69.587 - 69.605	rs1328617	rs9599553	<i>ATXN8OS</i>	0.53	0.33 - 0.88	0.014
13	69.174 - 69.579	rs2325241	rs9564649	<i>KLHL1</i>	0.53	0.38 - 0.99	0.014
11	60.699 - 60.722	rs589693	rs11230633	<i>VPS37C,PGA3</i>	1.63	1.11 - 2.4	0.014
20	7.910 - 7.925	rs1058007	rs6055446	<i>TMX4</i>	0.53	0.32 - 0.88	0.014
6	68.602 - 69.387	rs16880598	rs2585596	<i>NONE,BAI3</i>	0.52	0.32 - 0.91	0.014
14	73.277 - 73.318	rs17182558	rs12717559	<i>ELMSANI</i>	0.54	0.33 - 0.88	0.014
11	60.779 - 60.779	rs7118023	rs7118023	<i>PGA5,VWCE</i>	1.63	1.1 - 2.4	0.014
14	73.200 - 73.239	rs41339746	rs7155268	<i>DNAL1</i>	0.54	0.33 - 0.88	0.014
21	35.671 - 35.874	rs13052531	rs2242926	<i>LOC100506403</i>	1.65	1.06 - 2.35	0.014
15	36.782 - 37.322	rs12899449	rs156658	<i>C15orf53,C15orf54</i>	0.53	0.45 - 1.13	0.014
15	37.334 - 37.334	rs156786	rs156786	<i>C15orf54</i>	0.53	0.32 - 0.88	0.014
21	36.761 - 36.870	rs219761	rs7283441	<i>CLDN14</i>	1.65	1.11 - 2.46	0.014
21	36.872 - 36.988	rs430159	rs2251953	<i>CLDN14,SIM2</i>	1.65	1.11 - 2.46	0.014
14	73.159 - 73.177	rs17128989	rs42922	<i>ACOT6,DNAL1</i>	0.54	0.33 - 0.88	0.014
14	73.351 - 73.386	rs4499170	rs2159179	<i>RP5-1021120.1,PTGR2</i>	0.54	0.33 - 0.88	0.014
15	37.681 - 37.857	rs4415979	rs2029584	<i>FSIPI</i>	0.53	0.32 - 0.88	0.014
11	69.929 - 69.954	rs11236166	rs1198236	<i>CTTN</i>	1.64	1.06 - 2.37	0.014
11	69.985 - 69.985	rs682670	rs682670	<i>CTTN,SHANK2</i>	1.64	1.11 - 2.45	0.014
8	1.704 - 1.720	rs7461159	rs7827285	<i>CLN8</i>	1.68	1.11 - 2.55	0.014
8	1.740 - 1.744	rs41376544	rs10097786	<i>CLN8,MIR596</i>	1.68	1.11 - 2.55	0.014
8	1.757 - 1.758	rs11136428	rs4641109	<i>MIR596,ARHGEF10</i>	1.68	1.11 - 2.55	0.014
8	1.766 - 1.890	rs9802017	rs7386942	<i>ARHGEF10</i>	1.68	1.11 - 2.55	0.014
10	81.586 - 81.646	rs4933929	rs2475756	<i>LOC642361,LOC10028897</i>	1.63	1.1 - 2.4	0.014
10	81.673 - 81.681	rs7072068	rs2758554	<i>LOC100288974</i>	1.63	1.1 - 2.4	0.014
11	64.096 - 64.113	rs17159321	rs578829	<i>SLC22A11,SLC22A12</i>	1.63	1.1 - 2.42	0.014
10	80.504 - 80.745	rs4980022	rs7082444	<i>ZMIZ1</i>	1.63	0.91 - 2.02	0.014
10	80.747 - 80.775	rs884889	rs4246944	<i>ZMIZ1,PPIF</i>	1.63	1.1 - 2.42	0.014
14	77.803 - 77.935	rs11624406	rs12883984	<i>NONE,NRXN3</i>	0.54	0.33 - 0.88	0.014
11	68.572 - 68.614	rs10750836	rs3168115	<i>TPCN2</i>	1.64	1.1 - 2.43	0.014
11	55.946 - 55.985	rs10501353	rs1945238	<i>OR5R1,OR5M9</i>	1.62	1.06 - 2.29	0.014
11	55.996 - 56.013	rs17150708	rs618594	<i>OR5M3,OR5M8</i>	1.62	1.1 - 2.37	0.014
11	56.028 - 56.057	rs634955	rs13377553	<i>OR5M8,OR5M11</i>	1.62	1.1 - 2.37	0.014
11	56.066 - 56.066	rs10896469	rs641778	<i>OR5M11</i>	1.62	1.1 - 2.37	0.014
11	56.070 - 56.070	rs7111150	rs688832	<i>OR5M11,OR5M10</i>	1.62	1.1 - 2.37	0.014
11	56.126 - 56.128	rs11228676	rs1945282	<i>OR5M10,OR5M1</i>	1.62	1.1 - 2.37	0.014
11	56.139 - 56.145	rs7110528	rs1605924	<i>OR5M1,OR5AP2</i>	1.62	1.1 - 2.37	0.014
11	56.170 - 56.177	rs10896499	rs1397056	<i>OR5AP2,OR5AR1</i>	1.62	1.1 - 2.37	0.014
11	56.195 - 56.219	rs11228715	rs1509997	<i>OR5AR1,OR9G1</i>	1.62	1.1 - 2.37	0.014
11	56.225 - 56.225	rs7121276	rs7121276	<i>OR9G1,OR9G9</i>	1.62	1.1 - 2.37	0.014
11	56.228 - 56.262	rs513366	rs478870	<i>OR9G1,OR9G4</i>	1.62	1.1 - 2.37	0.014
21	36.029 - 36.245	rs2835109	rs2251046	<i>MIR802,LOC101928269</i>	1.64	1.1 - 2.44	0.014
15	37.866 - 37.867	rs16969826	rs10520153	<i>FSIPI,GPR176</i>	0.53	0.32 - 0.88	0.014
15	37.880 - 37.991	rs624191	rs381732	<i>GPR176</i>	0.53	0.32 - 0.88	0.014

11	68.542 - 68.561	rs11600377	rs10896396	<i>MRGPRF,TPCN2</i>	1.64	1.1 - 2.41	0.014
11	61.016 - 61.029	rs7947046	rs7125196	<i>PPP1R32,MIR4488</i>	1.63	1.1 - 2.4	0.014
6	70.982 - 71.069	rs477680	rs6916646	<i>COL9A1</i>	0.52	0.31 - 0.88	0.014
11	70.795 - 70.812	rs7125171	rs1792284	<i>FLJ42102</i>	1.64	1.1 - 2.42	0.014
10	81.220 - 81.220	rs2983790	rs2983790	<i>NUTM2B,SFTPA2</i>	1.62	1.1 - 2.4	0.014
10	81.412 - 81.412	rs10882820	rs10882820	<i>SFTPA1,BEND3P3</i>	1.62	1.1 - 2.4	0.014
11	70.817 - 70.820	rs1792275	rs12797951	<i>FLJ42102,DHCR7</i>	1.63	1.1 - 2.42	0.015
11	70.824 - 70.836	rs760241	rs3750997	<i>DHCR7</i>	1.63	1.1 - 2.42	0.015
11	56.517 - 56.557	rs2853067	rs17562197	<i>OR5AK2,OR5AK4P</i>	1.61	1.1 - 2.37	0.015
11	60.561 - 60.622	rs12421176	rs175136	<i>CD6,CD5</i>	1.63	1.1 - 2.4	0.015
11	60.926 - 60.948	rs11230687	rs10897159	<i>CPSF7</i>	1.63	1.1 - 2.4	0.015
11	60.963 - 60.963	rs3017602	rs2943805	<i>SDHAF2</i>	1.63	1.1 - 2.4	0.015
11	60.971 - 61.000	rs2009867	rs7947653	<i>SDHAF2,PPP1R32</i>	1.63	1.1 - 2.4	0.015
11	61.010 - 61.011	rs11230707	rs12283292	<i>PPP1R32</i>	1.63	1.1 - 2.4	0.015
11	70.614 - 70.793	rs2919730	rs1790358	<i>SHANK2,FLJ42102</i>	1.63	1.1 - 2.41	0.015
11	71.682 - 71.801	rs12793524	rs17162150	<i>CLPB</i>	1.64	1.07 - 2.4	0.015
11	71.832 - 71.957	rs7129167	rs7117518	<i>CLPB,PDE2A</i>	1.64	1.1 - 2.45	0.015
15	37.667 - 37.675	rs2228261	rs7163020	<i>THBS1</i>	0.53	0.32 - 0.88	0.015
11	60.635 - 60.644	rs522073	rs671444	<i>CD5</i>	1.62	1.1 - 2.39	0.015
14	73.775 - 73.796	rs1860714	rs10144586	<i>VSX2</i>	0.54	0.33 - 0.89	0.015
21	35.876 - 36.013	rs2835017	rs2835104	<i>LOC100506403,MIR802</i>	1.64	1.1 - 2.43	0.015
11	56.379 - 56.400	rs7126523	rs1938746	<i>AP000479.1</i>	1.61	1.09 - 2.36	0.015
11	56.409 - 56.495	rs4939097	rs7117365	<i>AP000479.1,OR5AK2</i>	1.61	1.1 - 2.37	0.015
11	61.109 - 61.109	rs198761	rs198761	<i>SYT7,RP11-855O10.2</i>	1.63	1.1 - 2.41	0.015
20	7.870 - 7.905	rs16994212	rs6140479	<i>HAO1,TMX4</i>	0.53	0.32 - 0.89	0.015
14	73.568 - 73.581	rs7161721	rs2336751	<i>CCDC176</i>	0.54	0.33 - 0.89	0.015
14	73.607 - 73.619	rs2072294	rs4646855	<i>ALDH6A1</i>	0.54	0.33 - 0.89	0.015
14	73.637 - 73.736	rs2300193	rs887595	<i>LIN52</i>	0.54	0.33 - 0.89	0.015
10	81.684 - 81.684	rs12262739	rs12262739	<i>LOC100288974,SFTPD</i>	1.62	1.1 - 2.39	0.015
10	81.694 - 81.696	rs2181204	rs726289	<i>SFTPD</i>	1.62	1.1 - 2.39	0.015
14	73.738 - 73.763	rs4377099	rs1124766	<i>LIN52,VSX2</i>	0.54	0.33 - 0.89	0.015
21	36.303 - 36.319	rs2212918	rs2835234	<i>AP000688.8,SETD4</i>	1.64	1.1 - 2.43	0.015
21	36.328 - 36.353	rs762364	rs2051395	<i>SETD4</i>	1.64	1.1 - 2.43	0.015
10	81.801 - 81.826	rs12146166	rs7080711	<i>TMEM254-AS1</i>	1.62	1.1 - 2.39	0.015
20	7.302 - 7.804	rs2423223	rs6140453	<i>MIR8062,HAO1</i>	0.53	0.45 - 1.14	0.015
20	7.811 - 7.860	rs6055363	rs2235245	<i>HAO1</i>	0.53	0.32 - 0.89	0.015
21	36.251 - 36.295	rs915745	rs7280598	<i>LOC101928269</i>	1.64	1.1 - 2.43	0.015
21	36.299 - 36.299	rs2276228	rs2276228	<i>AP000688.8</i>	1.64	1.1 - 2.43	0.015
14	72.434 - 72.457	rs7493767	rs11622784	<i>DPF3,DCAF4</i>	0.54	0.33 - 0.89	0.015
6	70.632 - 70.974	rs1340960	rs1200575	<i>COL19A1</i>	0.52	0.31 - 0.88	0.015
14	73.022 - 73.059	rs4903115	rs4899469	<i>HEATR4</i>	0.54	0.33 - 0.9	0.015
14	73.490 - 73.496	rs17094182	rs2072291	<i>COQ6</i>	0.54	0.33 - 0.89	0.015
14	73.509 - 73.553	rs17094445	rs7147063	<i>ENTPD5</i>	0.54	0.33 - 0.89	0.015
14	73.408 - 73.418	rs17782222	rs6574151	<i>PTGR2</i>	0.54	0.33 - 0.89	0.016
14	73.426 - 73.467	rs11628074	rs8004396	<i>ZNF410</i>	0.54	0.33 - 0.89	0.016
14	73.468 - 73.469	rs6574155	rs2336547	<i>FAM161B,ZNF410</i>	0.54	0.33 - 0.89	0.016
14	73.475 - 73.480	rs7157725	rs758241	<i>FAM161B</i>	0.54	0.33 - 0.89	0.016
14	73.486 - 73.486	rs17094161	rs17094161	<i>COQ6,FAM161B</i>	0.54	0.33 - 0.89	0.016
11	69.305 - 69.332	rs4084127	rs948133	<i>FGF4,FGF3</i>	1.64	1.1 - 2.44	0.016
6	70.980 - 70.981	rs555313	rs559027	<i>COL19A1,COL9A1</i>	0.52	0.31 - 0.88	0.016
11	69.169 - 69.169	rs3212869	rs3212869	<i>CCND1</i>	1.64	1.1 - 2.44	0.016
11	69.185 - 69.185	rs1192925	rs1192925	<i>CCND1,ORA0V1</i>	1.64	1.1 - 2.44	0.016
14	72.471 - 72.495	rs9788482	rs7144738	<i>DCAF4</i>	0.54	0.33 - 0.89	0.016
14	72.498 - 72.504	rs2243596	rs2535896	<i>DCAF4,ZFYVE1</i>	0.54	0.33 - 0.89	0.016
11	69.998 - 70.611	rs567105	rs749811	<i>SHANK2</i>	1.62	1.07 - 2.37	0.016
14	72.514 - 72.562	rs2286837	rs12432987	<i>ZFYVE1</i>	0.54	0.33 - 0.89	0.016

11	69.240 - 69.292	rs12575428	rs11263563	<i>FGF19,FGF4</i>	1.64	1.1 - 2.44	0.016
11	69.296 - 69.296	rs3740640	rs3740640	<i>FGF4</i>	1.64	1.1 - 2.44	0.016
11	56.267 - 56.267	rs1397053	rs11228763	<i>OR9G4</i>	1.61	1.09 - 2.36	0.016
11	56.273 - 56.349	rs12223748	rs546368	<i>MIR6128,AP000479.1</i>	1.61	1.09 - 2.36	0.016
11	68.467 - 68.502	rs559032	rs4244843	<i>IGHMBP2,MRGPRD</i>	1.62	1.09 - 2.4	0.016
11	68.536 - 68.536	rs2513102	rs2513102	<i>MRGPRF</i>	1.62	1.1 - 2.41	0.016
11	69.221 - 69.221	rs948995	rs948995	<i>FGF19</i>	1.64	1.1 - 2.44	0.016
11	69.198 - 69.199	rs1789164	rs10796828	<i>ORAOV1</i>	1.64	1.1 - 2.44	0.016
11	55.096 - 55.096	rs559449	rs559449	<i>OR4C16</i>	1.60	1.09 - 2.35	0.016
11	55.201 - 55.263	rs295635	rs12797173	<i>OR4C6,OR5D13</i>	1.60	1.09 - 2.35	0.016
11	55.334 - 55.334	rs984371	rs984371	<i>OR5D14,OR5L1</i>	1.60	1.09 - 2.35	0.016
11	55.339 - 55.339	rs1993921	rs1993921	<i>OR5L1,OR5D18</i>	1.60	1.09 - 2.35	0.016
11	55.351 - 55.351	rs7102394	rs7102394	<i>OR5L2</i>	1.60	1.09 - 2.35	0.016
11	55.377 - 55.378	rs1509166	rs10897314	<i>OR5D16,TRIM51</i>	1.60	1.09 - 2.35	0.016
11	55.439 - 55.439	rs17148893	rs17148893	<i>OR5W2</i>	1.60	1.09 - 2.35	0.016
11	55.440 - 55.446	rs2512730	rs12791006	<i>OR5W2,OR5I1</i>	1.60	1.09 - 2.35	0.016
11	55.578 - 55.607	rs2512747	rs7118155	<i>OR5AS1,OR8I2</i>	1.60	1.09 - 2.35	0.016
11	55.620 - 55.626	rs2460192	rs2512779	<i>OR8I2,OR8H2</i>	1.60	1.09 - 2.35	0.016
11	55.652 - 55.655	rs2220004	rs10896042	<i>OR8H3,OR8J3</i>	1.60	1.09 - 2.35	0.016
11	55.684 - 55.684	rs2512938	rs2512938	<i>OR8K5</i>	1.60	1.09 - 2.35	0.016
11	55.698 - 55.698	rs7119253	rs7119253	<i>OR8K5,OR5J2</i>	1.60	1.09 - 2.35	0.016
11	55.704 - 55.739	rs10896107	rs11227551	<i>OR5J2,OR5T2</i>	1.60	1.09 - 2.35	0.016
11	55.757 - 55.757	rs11227599	rs11227599	<i>OR5T2</i>	1.60	1.09 - 2.35	0.016
11	55.759 - 55.774	rs10896137	rs12279693	<i>OR5T2,OR5T3</i>	1.60	1.09 - 2.35	0.016
11	55.784 - 55.784	rs10896152	rs10896152	<i>OR5T3,OR5T1</i>	1.60	1.09 - 2.35	0.016
11	55.799 - 55.799	rs7125690	rs7125690	<i>OR5T1</i>	1.60	1.09 - 2.35	0.016
11	55.803 - 55.803	rs7933691	rs7933691	<i>OR5T1,OR8H1</i>	1.60	1.09 - 2.35	0.016
11	55.831 - 55.838	rs11227822	rs11227854	<i>OR8H1,OR8K3</i>	1.60	1.09 - 2.35	0.016
11	55.841 - 55.841	rs17150310	rs17150310	<i>OR8K3</i>	1.60	1.09 - 2.35	0.016
11	55.847 - 55.868	rs2128134	rs17150330	<i>OR8K3,OR8K1</i>	1.60	1.09 - 2.35	0.016
11	55.870 - 55.870	rs10896271	rs10896271	<i>OR8K1</i>	1.60	1.09 - 2.35	0.016
11	55.874 - 55.880	rs1586004	rs7940239	<i>OR8K1,OR8J1</i>	1.60	1.09 - 2.35	0.016
11	55.900 - 55.900	rs6591257	rs6591257	<i>OR8U1,OR8U8</i>	1.60	1.09 - 2.35	0.016
11	55.905 - 55.939	rs17615246	rs7113069	<i>OR8U1,OR5R1</i>	1.60	1.09 - 2.35	0.016
11	68.369 - 68.388	rs2060982	rs611046	<i>CPT1A,MRPL21</i>	1.62	1.1 - 2.4	0.016
11	68.505 - 68.505	rs4930634	rs4930634	<i>MRGPRD</i>	1.62	1.09 - 2.4	0.016
11	68.506 - 68.521	rs10896390	rs1249586	<i>MRGPRD,MRGPRF</i>	1.62	1.09 - 2.4	0.016
11	51.273 - 51.359	rs10902344	rs4391797	<i>OR4A5,OR4C46</i>	1.60	1.09 - 2.34	0.016
11	51.375 - 51.420	rs12805992	rs7484073	<i>OR4C46,NONE</i>	1.60	1.09 - 2.34	0.016
11	54.584 - 54.696	rs11227407	rs2571203	<i>NONE,TRIM48</i>	1.60	1.09 - 2.34	0.016
11	54.803 - 54.807	rs12795435	rs10792084	<i>TRIM48,TRIM51HP</i>	1.60	1.09 - 2.34	0.016
11	54.841 - 54.847	rs11229083	rs7102501	<i>TRIM51HP,OR4A16</i>	1.60	1.09 - 2.34	0.016
11	54.868 - 54.868	rs10896659	rs10896659	<i>OR4A16</i>	1.60	1.09 - 2.34	0.016
11	54.869 - 54.875	rs7111392	rs11229192	<i>OR4A16,OR4A15</i>	1.60	1.09 - 2.34	0.016
11	54.915 - 55.054	rs7925158	rs11828054	<i>OR4A15,OR4C15</i>	1.60	1.09 - 2.34	0.016
11	55.077 - 55.078	rs509882	rs9804659	<i>OR4C15</i>	1.60	1.09 - 2.34	0.016
11	68.418 - 68.426	rs569445	rs594051	<i>MRPL21</i>	1.62	1.09 - 2.4	0.016
11	68.429 - 68.457	rs7129513	rs645436	<i>IGHMBP2</i>	1.62	1.09 - 2.4	0.016
11	66.401 - 66.477	rs4930391	rs2278844	<i>PC</i>	1.62	1.09 - 2.38	0.016
9	15.165 - 15.298	rs971834	rs491322	<i>TTC39B</i>	1.61	1.09 - 2.37	0.016
12	66.705 - 66.830	rs4141135	rs2870953	<i>IFNG-AS1,IFNG</i>	0.53	0.32 - 0.91	0.016
11	70.845 - 70.890	rs12785878	rs751389	<i>NADSYN1</i>	1.62	1.09 - 2.39	0.016
11	70.899 - 70.908	rs7940244	rs12293132	<i>NADSYN1,KRTAP5-7</i>	1.62	1.09 - 2.41	0.016
11	70.916 - 70.916	rs12271894	rs12271894	<i>KRTAP5-7</i>	1.62	1.09 - 2.41	0.016
11	70.921 - 70.924	rs11600364	rs7926544	<i>KRTAP5-7,KRTAP5-8</i>	1.62	1.09 - 2.41	0.016
11	66.841 - 66.905	rs4930418	rs1638572	<i>LOC100130987</i>	1.62	1.09 - 2.39	0.016

11	66.917 - 66.917	rs2066496	rs2066496	<i>RAD9A</i>	1.62	1.09 - 2.39	0.016
20	9.014 - 9.407	rs6118478	rs2076393	<i>PLCB4</i>	0.53	0.32 - 0.89	0.016
11	79.200 - 80.894	rs10793396	rs4944301	<i>TENM4,MIR4300</i>	1.62	1.09 - 2.39	0.016
11	66.936 - 66.936	rs1558257	rs1558257	<i>TBC1D10C,CARNS1</i>	1.62	1.09 - 2.39	0.016
11	66.952 - 66.952	rs1476792	rs1476792	<i>RPS6KB2</i>	1.62	1.09 - 2.39	0.016
11	66.970 - 66.970	rs1638556	rs1638556	<i>CORO1B,GPR152</i>	1.62	1.09 - 2.39	0.016
11	66.981 - 66.981	rs7114510	rs7114510	<i>CABP4</i>	1.62	1.09 - 2.39	0.016
11	66.995 - 66.995	rs1632616	rs1632616	<i>TMEM134,AIP</i>	1.62	1.09 - 2.39	0.016
14	72.997 - 72.997	rs8010671	rs8010671	<i>NUMB,HEATR4</i>	0.55	0.33 - 0.9	0.016
11	69.346 - 69.594	rs3895665	rs11232810	<i>FGF3,ANO1-AS2</i>	1.63	1.09 - 2.43	0.017
14	71.079 - 71.257	rs12880188	rs1204995	<i>SIPA1L1</i>	0.55	0.37 - 0.98	0.017
11	66.582 - 66.589	rs7112925	rs11227673	<i>RHOD</i>	1.62	1.09 - 2.39	0.017
11	66.599 - 66.599	rs11227678	rs11227678	<i>RHOD,KDM2A</i>	1.62	1.09 - 2.39	0.017
7	12.710 - 13.882	rs2217801	rs118020	<i>ARL4A,ETV1</i>	1.61	1.05 - 2.29	0.017
11	66.511 - 66.511	rs11601870	rs11601870	<i>C11orf86,SYT12</i>	1.61	1.09 - 2.39	0.017
11	66.549 - 66.549	rs7943216	rs7943216	<i>SYT12</i>	1.61	1.09 - 2.39	0.017
4	13.259 - 13.719	rs4698326	rs9291621	<i>MIR5091,LINC01085</i>	0.53	0.37 - 1.01	0.017
21	37.671 - 37.782	rs1475887	rs2835769	<i>DYRK1A</i>	1.63	1.09 - 2.44	0.017
21	37.810 - 37.913	rs2236686	rs2835840	<i>DYRK1A,KCNJ6</i>	1.63	1.09 - 2.44	0.017
6	42.023 - 42.122	rs6913232	rs4560643	<i>CCND3</i>	0.53	0.32 - 0.9	0.017
14	72.576 - 72.576	rs8018520	rs8018520	<i>ZFYVE1,RBM25</i>	0.55	0.33 - 0.9	0.017
14	72.595 - 72.613	rs10498532	rs7144160	<i>RBM25</i>	0.55	0.33 - 0.9	0.017
14	72.662 - 72.665	rs362455	rs11625478	<i>RBM25,PSEN1</i>	0.55	0.33 - 0.9	0.017
14	72.699 - 72.759	rs3025777	rs362344	<i>PSEN1</i>	0.55	0.33 - 0.9	0.017
14	72.778 - 72.799	rs177407	rs12880103	<i>PAPLN</i>	0.55	0.33 - 0.9	0.017
14	72.818 - 72.992	rs17182286	rs1540343	<i>NUMB</i>	0.55	0.33 - 0.9	0.017
6	42.134 - 42.147	rs4714560	rs2492927	<i>TAF8</i>	0.53	0.32 - 0.89	0.017
14	71.283 - 71.466	rs6574018	rs36331	<i>SIPA1L1,RGS6</i>	0.55	0.34 - 0.9	0.017
6	42.158 - 42.174	rs9381134	rs9462769	<i>TAF8,C6orf132</i>	0.53	0.32 - 0.89	0.017
11	67.739 - 67.779	rs7935070	rs2458268	<i>SUV420H1,C11orf24</i>	1.62	1.09 - 2.41	0.017
11	67.784 - 67.794	rs17148984	rs1979579	<i>C11orf24</i>	1.62	1.09 - 2.41	0.017
11	67.807 - 67.822	rs1685692	rs312018	<i>C11orf24,LRP5</i>	1.62	1.09 - 2.41	0.017
11	67.845 - 67.962	rs4988300	rs901824	<i>LRP5</i>	1.62	1.09 - 2.41	0.017
11	66.667 - 66.748	rs4375446	rs6591239	<i>KDM2A</i>	1.61	1.09 - 2.39	0.017
11	66.788 - 66.788	rs12791853	rs12791853	<i>KDM2A,ADRBK1</i>	1.61	1.09 - 2.39	0.017
11	66.797 - 66.797	rs7127431	rs7128315	<i>ADRBK1</i>	1.61	1.09 - 2.39	0.017
12	64.648 - 64.698	rs7979201	rs1480472	<i>HMG2,MIR6074</i>	0.53	0.31 - 0.9	0.017
21	37.564 - 37.649	rs7277146	rs2154544	<i>DSCR3,DYRK1A</i>	1.63	1.08 - 2.41	0.017
5	3.245 - 3.453	rs431905	rs4866443	<i>LOC102467074,LINC0101</i>	1.64	1.09 - 2.47	0.017
2	108.876 - 108.969	rs6747261	rs11687181	<i>EDAR</i>	1.58	1.08 - 2.3	0.017
2	108.976 - 109.091	rs4676225	rs4676241	<i>EDAR,SH3RF3-ASI</i>	1.58	1.08 - 2.31	0.017
6	53.100 - 53.118	rs13200319	rs9367511	<i>GCM1</i>	0.54	0.35 - 0.95	0.018
12	64.521 - 64.644	rs2583937	rs1042725	<i>HMG2</i>	0.53	0.34 - 0.95	0.018
11	66.005 - 66.029	rs2511225	rs11227499	<i>DPP3</i>	1.61	1.08 - 2.37	0.018
11	66.082 - 66.086	rs509556	rs540874	<i>ACTN3</i>	1.61	1.09 - 2.38	0.018
11	66.088 - 66.091	rs572846	rs2242663	<i>CTSF</i>	1.61	1.09 - 2.38	0.018
11	66.158 - 66.158	rs580910	rs580910	<i>RBM14-RBM4</i>	1.61	1.09 - 2.38	0.018
11	66.237 - 66.237	rs615536	rs615536	<i>SPTBN2</i>	1.61	1.09 - 2.38	0.018
11	66.318 - 66.365	rs608248	rs594313	<i>C11orf80</i>	1.61	1.09 - 2.38	0.018
5	3.233 - 3.234	rs408996	rs1215665	<i>LOC102467074</i>	1.64	1.08 - 2.44	0.018
11	70.838 - 70.838	rs7928249	rs7928249	<i>DHCR7,NADSYN1</i>	1.61	1.09 - 2.39	0.018
6	43.453 - 43.496	rs7742789	rs1674873	<i>ZNF318,ABCC10</i>	0.54	0.32 - 0.9	0.018
6	43.504 - 43.513	rs1214752	rs831311	<i>ABCC10</i>	0.54	0.32 - 0.9	0.018
11	65.846 - 65.852	rs10219183	rs1190626	<i>CD248,RINI</i>	1.60	1.08 - 2.37	0.018
11	65.863 - 65.869	rs948360	rs1190624	<i>BRMS1</i>	1.60	1.08 - 2.37	0.018
11	65.875 - 65.885	rs1785623	rs7104297	<i>B3GNT1,SLC29A2</i>	1.60	1.08 - 2.37	0.018

11	65.892 - 65.892	rs2292123	rs2292123	<i>SLC29A2</i>	1.60	1.08 - 2.37	0.018
11	65.913 - 65.940	rs905770	rs7935572	<i>SLC29A2,NPAS4</i>	1.60	1.08 - 2.37	0.018
11	65.978 - 65.983	rs1791682	rs1791687	<i>MRPL11,PELI3</i>	1.60	1.08 - 2.37	0.018
11	65.996 - 66.001	rs3892818	rs3179961	<i>PELI3</i>	1.60	1.08 - 2.37	0.018
11	65.823 - 65.833	rs4930351	rs4390351	<i>TMEM151A,CD248</i>	1.60	1.08 - 2.37	0.018
11	65.837 - 65.837	rs10791867	rs10791867	<i>CD248</i>	1.60	1.08 - 2.37	0.018
11	70.957 - 70.969	rs7934661	rs12421579	<i>KRTAP5-10,KRTAP5-11</i>	1.61	1.08 - 2.38	0.018
11	65.409 - 65.409	rs694994	rs694994	<i>FIBP</i>	1.60	1.08 - 2.36	0.018
6	43.321 - 43.354	rs2651206	rs2756173	<i>TTBK1</i>	0.54	0.33 - 0.91	0.018
11	71.037 - 71.141	rs7105749	rs7117703	<i>KRTAP5-11,FAM86C1</i>	1.61	1.08 - 2.39	0.018
11	71.230 - 71.248	rs11501737	rs531326	<i>DEFB108B,LOC100133315</i>	1.61	1.08 - 2.39	0.018
11	71.258 - 71.311	rs501308	rs1892922	<i>LOC100133315</i>	1.61	1.08 - 2.39	0.018
11	71.318 - 71.379	rs6592447	rs2276384	<i>RNF121</i>	1.61	1.08 - 2.39	0.018
11	65.405 - 65.405	rs7122964	rs7122964	<i>CTSW</i>	1.60	1.08 - 2.36	0.018
11	68.010 - 68.136	rs11228258	rs11228292	<i>PPP6R3</i>	1.61	1.08 - 2.4	0.018
2	108.304 - 108.337	rs10180360	rs1915488	<i>SULT1C2P1</i>	1.58	1.07 - 2.27	0.018
2	108.337 - 108.357	rs1402464	rs6716875	<i>SULT1C2P1,SULT1C4</i>	1.58	1.08 - 2.3	0.018
2	108.366 - 108.366	rs5008103	rs5008103	<i>SULT1C4</i>	1.58	1.08 - 2.3	0.018
2	108.389 - 108.395	rs1464404	rs6755756	<i>SULT1C4,GCC2</i>	1.58	1.08 - 2.3	0.018
2	108.462 - 108.471	rs1025695	rs2577594	<i>GCC2</i>	1.58	1.08 - 2.3	0.018
2	108.506 - 108.513	rs2438238	rs2118450	<i>GCC2,LIMS1</i>	1.58	1.08 - 2.3	0.018
2	108.530 - 108.667	rs2577592	rs826590	<i>LIMS1</i>	1.58	1.08 - 2.3	0.018
6	43.366 - 43.372	rs2756175	rs2651185	<i>TTBK1,SLC22A7</i>	0.54	0.32 - 0.9	0.018
6	43.381 - 43.381	rs2242416	rs2242416	<i>CRIP3</i>	0.54	0.32 - 0.9	0.018
6	43.401 - 43.401	rs9472031	rs9472031	<i>CRIP3,ZNF318</i>	0.54	0.32 - 0.9	0.018
6	43.414 - 43.435	rs1459675	rs16896453	<i>ZNF318</i>	0.54	0.32 - 0.9	0.018
6	43.556 - 43.570	rs1150798	rs12183209	<i>TJAP1</i>	0.54	0.32 - 0.9	0.018
11	65.427 - 65.430	rs10896065	rs669371	<i>FOSL1,C11orf68</i>	1.60	1.08 - 2.36	0.018
11	65.440 - 65.440	rs677029	rs10791832	<i>C11orf68</i>	1.60	1.08 - 2.36	0.018
11	65.449 - 65.459	rs685469	rs617791	<i>DRAP1,TSGA10IP</i>	1.60	1.08 - 2.36	0.018
18	9.613 - 9.690	rs11872991	rs1869734	<i>PPP4R1,RAB31</i>	1.59	1.08 - 2.35	0.018
11	65.600 - 65.761	rs539046	rs558480	<i>PACSI</i>	1.60	1.08 - 2.36	0.018
11	65.471 - 65.471	rs565921	rs565921	<i>TSGA10IP</i>	1.60	1.08 - 2.36	0.018
11	65.489 - 65.489	rs556643	rs556643	<i>SART1</i>	1.60	1.08 - 2.36	0.018
11	65.505 - 65.513	rs735942	rs538954	<i>SART1,EIF1AD</i>	1.60	1.08 - 2.36	0.018
11	65.520 - 65.523	rs2847698	rs506873	<i>EIF1AD</i>	1.60	1.08 - 2.36	0.018
11	65.527 - 65.527	rs1786172	rs1786172	<i>BANF1</i>	1.60	1.08 - 2.36	0.018
11	65.532 - 65.533	rs502363	rs655744	<i>BANF1,CST6</i>	1.60	1.08 - 2.36	0.018
11	65.544 - 65.544	rs3814747	rs3814747	<i>CATSPER1</i>	1.60	1.08 - 2.36	0.018
11	65.559 - 65.563	rs12576969	rs4930169	<i>CATSPER1,GAL3ST3</i>	1.60	1.08 - 2.36	0.018
11	65.565 - 65.574	rs2576	rs571374	<i>GAL3ST3</i>	1.60	1.08 - 2.36	0.018
11	65.590 - 65.590	rs10791845	rs10791845	<i>SF3B2</i>	1.60	1.08 - 2.36	0.018
18	9.468 - 9.528	rs1561998	rs16955222	<i>RALBP1</i>	1.59	1.07 - 2.3	0.018
18	9.541 - 9.599	rs745218	rs627112	<i>PPP4R1</i>	1.59	1.08 - 2.35	0.018
6	43.587 - 43.587	rs12399	rs12399	<i>YIPF3</i>	0.54	0.32 - 0.9	0.018
6	43.598 - 43.647	rs7755135	rs6458342	<i>XPO5</i>	0.54	0.32 - 0.9	0.018
11	77.964 - 78.038	rs10793338	rs10899565	<i>NARS2,TENM4</i>	1.58	1.04 - 2.24	0.018
2	108.680 - 108.690	rs6716426	rs1589912	<i>LIMS1,RANBP2</i>	1.58	1.08 - 2.3	0.018
2	108.710 - 108.755	rs13416247	rs700876	<i>RANBP2</i>	1.58	1.08 - 2.3	0.018
2	108.808 - 108.858	rs10190977	rs17036959	<i>CCDC138</i>	1.58	1.08 - 2.3	0.018
2	108.867 - 108.876	rs1478515	rs10209491	<i>CCDC138,EDAR</i>	1.58	1.08 - 2.3	0.018
5	2.817 - 3.227	rs41439151	rs2165515	<i>C5orf38,LOC102467074</i>	1.63	1.01 - 2.31	0.018
11	65.817 - 65.821	rs484261	rs531784	<i>TMEM151A</i>	1.60	1.08 - 2.37	0.018
11	70.945 - 70.953	rs10792779	rs11234196	<i>KRTAP5-9,KRTAP5-10</i>	1.61	1.08 - 2.38	0.018
5	174.369 - 174.799	rs17743059	rs28465440	<i>FLJ16171,DRD1</i>	1.61	0.99 - 2.21	0.019
12	64.150 - 64.436	rs7979584	rs2884590	<i>MSRB3,RPSAP52</i>	0.54	0.35 - 0.95	0.019

7	35.822 - 35.913	rs2893514	rs10233082	<i>SEPT7</i>	1.64	1.09 - 2.47	0.019
7	35.730 - 35.797	rs6462623	rs3930640	<i>AC018647.3,SEPT7</i>	1.64	1.07 - 2.42	0.019
7	35.965 - 36.099	rs12112485	rs2718035	<i>SEPT7,LOC101928618</i>	1.64	1.09 - 2.47	0.019
21	15.362 - 16.021	rs2823032	rs7277807	<i>NR1P1,USP25</i>	1.63	1.03 - 2.36	0.019
12	66.335 - 66.343	rs1797710	rs12818387	<i>DYRK2</i>	0.54	0.32 - 0.9	0.019
12	66.362 - 66.388	rs4913355	rs10784641	<i>DYRK2,RP11-43N5.1</i>	0.54	0.32 - 0.9	0.019
21	36.996 - 37.043	rs2269191	rs2051397	<i>SIM2</i>	1.62	1.08 - 2.41	0.019
11	70.937 - 70.939	rs760420	rs11604725	<i>KRTAP5-9</i>	1.60	1.08 - 2.38	0.019
6	41.625 - 41.678	rs4714478	rs9381084	<i>FOXP4</i>	0.54	0.32 - 0.91	0.019
6	41.984 - 41.990	rs3806113	rs11969866	<i>MED20</i>	0.54	0.32 - 0.9	0.019
6	42.000 - 42.006	rs10947996	rs12661819	<i>BYSL</i>	0.54	0.32 - 0.9	0.019
10	83.645 - 84.735	rs12416668	rs2295933	<i>NRG3</i>	1.60	1.05 - 2.29	0.019
6	41.866 - 41.960	rs3747751	rs1536703	<i>USP49</i>	0.54	0.35 - 0.95	0.019
7	11.840 - 12.213	rs2355106	rs13244354	<i>THSD7A,TMEM106B</i>	1.58	1.04 - 2.24	0.019
6	41.682 - 41.712	rs16894837	rs2842660	<i>FOXP4,MDF1</i>	0.54	0.32 - 0.9	0.019
12	66.390 - 66.405	rs1993974	rs10784646	<i>RP11-43N5.1</i>	0.54	0.32 - 0.9	0.019
18	9.700 - 9.852	rs1455586	rs640173	<i>RAB31</i>	1.59	1.08 - 2.34	0.019
6	43.660 - 43.690	rs9296416	rs6899628	<i>POLH</i>	0.54	0.33 - 0.91	0.019
6	43.716 - 43.716	rs7106	rs7106	<i>MAD2L1BP</i>	0.54	0.33 - 0.91	0.019
6	43.743 - 43.746	rs9472105	rs16896629	<i>RSPH9</i>	0.54	0.33 - 0.91	0.019
21	37.527 - 37.560	rs7279540	rs9984493	<i>DSCR3</i>	1.62	1.08 - 2.41	0.019
6	42.676 - 42.769	rs2025249	rs375435	<i>UBR2</i>	0.55	0.34 - 0.92	0.019
6	75.850 - 75.970	rs510507	rs240364	<i>COL12A1</i>	0.54	0.32 - 0.91	0.019
6	43.268 - 43.298	rs9462873	rs16896362	<i>CUL9</i>	0.54	0.33 - 0.91	0.019
11	74.918 - 74.947	rs591627	rs7936052	<i>GDPD5,SERPINH1</i>	1.61	1.04 - 2.33	0.019
9	14.714 - 14.721	rs10810226	rs4741422	<i>CER1,FREM1</i>	1.58	1.07 - 2.32	0.020
8	1.944 - 1.972	rs6983226	rs6558587	<i>KBTBD11,MYOM2</i>	1.64	1.08 - 2.47	0.020
7	22.125 - 22.360	rs3779069	rs9886056	<i>RAPGEF5</i>	1.59	1.06 - 2.31	0.020
7	22.367 - 22.418	rs7785685	rs2686514	<i>RAPGEF5,STEAP1B</i>	1.59	1.08 - 2.34	0.020
6	43.307 - 43.318	rs10948067	rs9462880	<i>DNPH1,TTBK1</i>	0.54	0.33 - 0.91	0.020
6	42.981 - 42.983	rs7740879	rs9296401	<i>C6orf226,PTCRA</i>	0.55	0.33 - 0.91	0.020
6	76.075 - 76.249	rs10806035	rs1336043	<i>FILIP1</i>	0.54	0.33 - 0.91	0.020
6	76.280 - 76.364	rs6928852	rs12213227	<i>FILIP1,SENP6</i>	0.54	0.33 - 0.91	0.020
6	76.396 - 76.474	rs657638	rs12208368	<i>SENP6</i>	0.54	0.33 - 0.91	0.020
6	43.306 - 43.306	rs12202644	rs12202644	<i>DNPH1</i>	0.54	0.33 - 0.91	0.020
6	42.999 - 42.999	rs6936722	rs6936722	<i>PTCRA</i>	0.55	0.33 - 0.91	0.020
6	43.010 - 43.010	rs3763236	rs3763236	<i>CNPY3</i>	0.55	0.33 - 0.91	0.020
6	43.020 - 43.023	rs7745150	rs6941212	<i>CNPY3,GNMT</i>	0.55	0.33 - 0.91	0.020
6	43.042 - 43.050	rs3818554	rs9986447	<i>PEX6</i>	0.55	0.33 - 0.91	0.020
11	68.144 - 68.204	rs7128942	rs6591349	<i>PPP6R3,GAL</i>	1.60	1.08 - 2.38	0.020
6	76.485 - 76.513	rs276685	rs1321162	<i>SENP6,MYO6</i>	0.54	0.33 - 0.91	0.020
6	43.095 - 43.095	rs3823423	rs3823423	<i>KLHDC3</i>	0.55	0.33 - 0.91	0.020
6	43.100 - 43.100	rs3749904	rs3749904	<i>RRP36</i>	0.55	0.33 - 0.91	0.020
8	709.043 - 1.074	rs12386927	rs11136349	<i>ERICHI-AS1</i>	1.62	1.07 - 2.41	0.020
6	43.062 - 43.066	rs3805948	rs6901782	<i>PPP2R5D</i>	0.55	0.33 - 0.91	0.020
11	68.228 - 68.228	rs2510366	rs2510366	<i>GAL,MTL5</i>	1.60	1.08 - 2.38	0.020
11	58.603 - 58.621	rs1943146	rs11229800	<i>RP11-142C4.6,FAM111B</i>	1.59	1.07 - 2.32	0.020
11	58.640 - 58.647	rs10437720	rs10896925	<i>FAM111B</i>	1.59	1.08 - 2.35	0.020
11	58.653 - 58.653	rs11229833	rs11229833	<i>FAM111B,AP001258.4</i>	1.59	1.08 - 2.35	0.020
8	2.784 - 4.840	rs677227	rs3886808	<i>CSMD1</i>	1.62	1.01 - 2.26	0.020
11	65.323 - 65.351	rs662231	rs641323	<i>OVOL1,SNX32</i>	1.58	1.04 - 2.29	0.020
6	76.516 - 76.664	rs2647404	rs720863	<i>MYO6</i>	0.54	0.33 - 0.91	0.020
6	42.925 - 42.944	rs5018385	rs12526596	<i>GLTSCR1L</i>	0.55	0.33 - 0.91	0.020
6	41.733 - 41.757	rs2746183	rs2842645	<i>MDF1,TFEB</i>	0.54	0.33 - 0.91	0.020
6	41.758 - 41.800	rs2842643	rs4711689	<i>TFEB</i>	0.54	0.33 - 0.91	0.020
6	43.752 - 43.757	rs16896641	rs16896649	<i>MRPS18A</i>	0.55	0.33 - 0.91	0.020

11	63.090 - 63.090	rs673767	rs673767	<i>HRASLS2,PLA2G16</i>	1.59	1.08 - 2.35	0.020
7	12.244 - 12.333	rs6969722	rs2192830	<i>TMEM106B,VWDE</i>	1.58	1.07 - 2.31	0.020
6	75.973 - 75.999	rs507912	rs1203213	<i>COL12A1,COX7A2</i>	0.54	0.33 - 0.91	0.020
6	43.128 - 43.128	rs4711738	rs4711738	<i>CUL7</i>	0.55	0.33 - 0.91	0.020
9	14.684 - 14.706	rs4326470	rs2131882	<i>ZDHHC21,CER1</i>	1.58	1.07 - 2.32	0.020
11	65.392 - 65.393	rs601314	rs659824	<i>EFEMP2</i>	1.58	1.07 - 2.33	0.020
6	42.823 - 42.879	rs16896053	rs1981008	<i>TBCC,GLTSCR1L</i>	0.55	0.33 - 0.91	0.020
11	62.770 - 63.070	rs1193856	rs870074	<i>MIR3680-1,MIR3680-2</i>	1.59	1.06 - 2.31	0.020
20	13.161 - 13.229	rs6134825	rs538816	<i>ISM1</i>	0.55	0.33 - 0.92	0.020
6	41.816 - 41.816	rs4711690	rs4711690	<i>PGC</i>	0.54	0.33 - 0.91	0.020
6	41.825 - 41.844	rs6458238	rs11962743	<i>PGC,FRS3</i>	0.54	0.33 - 0.91	0.020
8	1.914 - 1.935	rs13271843	rs7008605	<i>KBTD11</i>	1.63	1.08 - 2.47	0.020
11	65.380 - 65.381	rs11227332	rs669300	<i>CFL1</i>	1.58	1.07 - 2.33	0.020
11	65.388 - 65.388	rs630303	rs630303	<i>MUS81</i>	1.58	1.07 - 2.33	0.020
9	14.605 - 14.684	rs16932063	rs1574768	<i>ZDHHC21</i>	1.58	1.07 - 2.32	0.020
7	22.426 - 22.503	rs17146851	rs4719698	<i>STEAP1B</i>	1.58	1.07 - 2.34	0.020
6	76.018 - 76.049	rs683943	rs16886411	<i>TMEM30A</i>	0.55	0.33 - 0.91	0.021
6	76.055 - 76.056	rs240380	rs502900	<i>RPI-234P15.4</i>	0.55	0.33 - 0.91	0.021
6	76.066 - 76.067	rs2842463	rs2842461	<i>RPI-234P15.4,FILIP1</i>	0.55	0.33 - 0.91	0.021
6	51.589 - 52.061	rs2784200	rs9357723	<i>PKHD1</i>	0.55	0.36 - 0.96	0.021
6	43.864 - 43.937	rs6909750	rs6458356	<i>VEGFA,LOC100132354</i>	0.55	0.33 - 0.91	0.021
6	43.131 - 43.131	rs9471999	rs9471999	<i>MRPL2</i>	0.55	0.33 - 0.91	0.021
6	43.139 - 43.139	rs4714658	rs4714658	<i>KLC4</i>	0.55	0.33 - 0.91	0.021
6	43.153 - 43.186	rs3805944	rs17516786	<i>PTK7</i>	0.55	0.33 - 0.91	0.021
6	43.240 - 43.240	rs11967948	rs11967948	<i>PTK7,SRF</i>	0.55	0.33 - 0.91	0.021
6	43.252 - 43.256	rs3730363	rs9395	<i>SRF</i>	0.55	0.33 - 0.91	0.021
7	12.216 - 12.242	rs3807865	rs1468804	<i>TMEM106B</i>	1.57	1.07 - 2.3	0.021
11	63.081 - 63.081	rs9943597	rs9943597	<i>HRASLS2</i>	1.59	1.07 - 2.34	0.021
9	14.713 - 14.713	rs10122490	rs7035643	<i>CER1</i>	1.58	1.07 - 2.32	0.021
6	42.779 - 42.799	rs9471904	rs4714621	<i>PRPH2</i>	0.55	0.33 - 0.91	0.021
6	42.812 - 42.812	rs222212	rs222212	<i>ATP6V0CP3,TBCC</i>	0.55	0.33 - 0.91	0.021
11	71.618 - 71.618	rs2276048	rs2276048	<i>INPLI1</i>	1.61	1.07 - 2.4	0.021
11	71.673 - 71.673	rs2508201	rs2508201	<i>PHOX2A,CLPB</i>	1.61	1.07 - 2.4	0.021
11	71.591 - 71.591	rs17162064	rs17162064	<i>FOLR1,FOLR2</i>	1.61	1.07 - 2.4	0.021
21	37.321 - 37.354	rs2266591	rs2249828	<i>RIPPLY3,PIGP</i>	1.61	1.07 - 2.39	0.021
7	12.345 - 12.411	rs7800823	rs7778670	<i>VWDE</i>	1.57	1.07 - 2.31	0.021
7	35.266 - 35.309	rs336286	rs990633	<i>TBX20,LOC401324</i>	1.61	1.07 - 2.41	0.021
11	71.504 - 71.523	rs11235440	rs7925545	<i>ANAPC15,FOLR3</i>	1.60	1.07 - 2.39	0.021
7	35.239 - 35.250	rs2191883	rs10254475	<i>TBX20</i>	1.61	1.03 - 2.31	0.021
6	41.717 - 41.727	rs2268410	rs9394819	<i>MDF1</i>	0.55	0.33 - 0.91	0.021
2	108.251 - 108.257	rs13401731	rs2084991	<i>SULT1C3,SULT1C2</i>	1.56	1.06 - 2.26	0.021
2	108.282 - 108.282	rs9646948	rs9646948	<i>SULT1C2</i>	1.56	1.07 - 2.27	0.021
2	108.297 - 108.297	rs752273	rs752273	<i>SULT1C2,SULT1C2P1</i>	1.56	1.07 - 2.27	0.021
6	43.764 - 43.838	rs3807023	rs9472122	<i>MRPS18A,VEGFA</i>	0.55	0.33 - 0.91	0.021
21	37.369 - 37.494	rs8133274	rs2835663	<i>TTC3</i>	1.61	1.07 - 2.4	0.021
20	13.111 - 13.147	rs7273138	rs13044399	<i>SPTLC3,ISM1</i>	0.55	0.34 - 0.93	0.021
20	13.328 - 13.541	rs6074605	rs2295504	<i>TASPI</i>	0.55	0.33 - 0.93	0.021
7	35.322 - 35.378	rs6976218	rs340397	<i>LOC401324</i>	1.61	1.07 - 2.41	0.021
11	71.397 - 71.456	rs2503	rs575871	<i>NUMA1</i>	1.60	1.07 - 2.39	0.021
11	71.407 - 71.408	rs949326	rs2298456	<i>LOC100128494</i>	1.60	1.07 - 2.39	0.021
11	71.469 - 71.481	rs3018301	rs2511079	<i>LRTOMT</i>	1.60	1.07 - 2.39	0.021
12	66.672 - 66.700	rs2906853	rs12423194	<i>IFNG-AS1</i>	0.54	0.32 - 0.92	0.022
11	71.490 - 71.490	rs659513	rs10898820	<i>LAMTOR1,LRTOMT</i>	1.60	1.07 - 2.39	0.022
7	35.391 - 35.636	rs1867936	rs2242031	<i>LOC401324,HERPUD2</i>	1.61	1.04 - 2.34	0.022
7	35.644 - 35.680	rs10280032	rs41418748	<i>HERPUD2</i>	1.61	1.07 - 2.43	0.022
7	35.708 - 35.719	rs4720182	rs10239503	<i>HERPUD2,AC018647.3</i>	1.61	1.07 - 2.43	0.022

6	42.302 - 42.511	rs4424082	rs1962366	<i>TRERF1</i>	0.55	0.33 - 0.92	0.022
2	107.998 - 108.224	rs10496417	rs13425781	<i>SLC5A7,SULT1C3</i>	1.56	1.03 - 2.19	0.022
7	22.511 - 22.567	rs3873645	rs17366136	<i>STEAP1B,AC002480.3</i>	1.57	1.07 - 2.32	0.022
7	22.569 - 22.578	rs1122913	rs724080	<i>AC002480.3</i>	1.57	1.07 - 2.32	0.022
6	42.282 - 42.290	rs4714580	rs1884317	<i>MRPS10</i>	0.55	0.33 - 0.92	0.022
21	37.511 - 37.513	rs9636914	rs2835676	<i>DSCR9</i>	1.60	1.07 - 2.39	0.022
13	70.909 - 71.336	rs7335441	rs7336343	<i>DACH1</i>	0.56	0.35 - 0.94	0.022
11	82.585 - 82.617	rs621125	rs12280048	<i>ANKRD42</i>	1.59	1.07 - 2.36	0.022
11	82.638 - 82.645	rs524441	rs628223	<i>ANKRD42,CCDC90B</i>	1.59	1.07 - 2.36	0.022
11	82.654 - 82.673	rs1151243	rs684404	<i>CCDC90B</i>	1.59	1.07 - 2.36	0.022
11	82.678 - 82.839	rs7929111	rs2507847	<i>CCDC90B,DLG2</i>	1.59	1.07 - 2.36	0.022
11	82.548 - 82.560	rs11233495	rs11233501	<i>PCF11</i>	1.59	1.07 - 2.36	0.022
11	82.581 - 82.581	rs2231731	rs2231731	<i>PCF11,ANKRD42</i>	1.59	1.07 - 2.36	0.022
6	52.348 - 52.374	rs4712005	rs16882478	<i>PAQR8</i>	0.56	0.36 - 0.97	0.022
6	52.410 - 52.468	rs9370122	rs3789771	<i>EFHC1</i>	0.56	0.34 - 0.92	0.022
6	52.470 - 52.548	rs3804498	rs6928665	<i>TRAM2</i>	0.56	0.34 - 0.92	0.022
21	39.959 - 40.032	rs4818065	rs4816642	<i>B3GALT5,IGSF5</i>	1.60	1.05 - 2.33	0.022
21	40.043 - 40.094	rs9941848	rs456334	<i>IGSF5</i>	1.60	1.07 - 2.38	0.022
7	11.377 - 11.824	rs7458335	rs4463318	<i>THSD7A</i>	1.57	0.94 - 2.01	0.022
11	58.460 - 58.563	rs476776	rs11602551	<i>RP11-142C4.6</i>	1.57	1.06 - 2.32	0.022
2	108.239 - 108.246	rs12472278	rs17035962	<i>SULT1C3</i>	1.55	1.06 - 2.26	0.022
2	109.111 - 109.111	rs11681142	rs11681142	<i>SH3RF3-AS1</i>	1.55	1.06 - 2.27	0.022
2	109.113 - 109.620	rs7581728	rs9330325	<i>SH3RF3</i>	1.55	1.06 - 2.27	0.022
7	22.583 - 22.731	rs17366457	rs2069824	<i>AC002480.3,IL6</i>	1.57	1.07 - 2.31	0.022
11	82.466 - 82.528	rs17144544	rs10751085	<i>RAB30-AS1,PCF11</i>	1.59	1.07 - 2.35	0.022
11	69.731 - 69.731	rs1131715	rs3740720	<i>FADD</i>	1.59	1.07 - 2.37	0.022
11	69.749 - 69.789	rs10898876	rs687660	<i>FADD,PPFIA1</i>	1.59	1.07 - 2.38	0.023
18	9.400 - 9.454	rs8090974	rs329026	<i>TWSG1,RALBP1</i>	1.57	1.06 - 2.29	0.023
10	81.848 - 81.880	rs7915809	rs2819889	<i>TMEM254,PLAC9</i>	1.58	1.07 - 2.33	0.023
11	69.796 - 69.902	rs546502	rs531917	<i>PPFIA1</i>	1.59	1.07 - 2.38	0.023
6	42.185 - 42.207	rs9471765	rs7763271	<i>C6orf132</i>	0.55	0.33 - 0.92	0.023
6	42.225 - 42.225	rs6942280	rs6942280	<i>C6orf132,GUCA1A</i>	0.55	0.33 - 0.92	0.023
6	42.231 - 42.255	rs2395801	rs6899575	<i>GUCA1A</i>	0.55	0.33 - 0.92	0.023
6	42.262 - 42.267	rs12181583	rs6939563	<i>GUCA1B</i>	0.55	0.33 - 0.92	0.023
6	42.272 - 42.278	rs16895284	rs7749339	<i>GUCA1B,MRPS10</i>	0.55	0.33 - 0.92	0.023
6	42.532 - 42.623	rs7741175	rs6458293	<i>TRERF1,UBR2</i>	0.56	0.34 - 0.92	0.023
21	37.288 - 37.293	rs1005404	rs8132470	<i>HLCS,RIPPLY3</i>	1.60	1.07 - 2.39	0.023
21	37.310 - 37.312	rs2154534	rs2835560	<i>RIPPLY3</i>	1.60	1.07 - 2.39	0.023
11	69.598 - 69.598	rs11232979	rs10897924	<i>ANO1-AS2</i>	1.59	1.07 - 2.38	0.023
11	69.600 - 69.600	rs2515279	rs2515279	<i>ANO1-AS2,ANO1</i>	1.59	1.07 - 2.38	0.023
11	69.610 - 69.713	rs2515284	rs568228	<i>ANO1</i>	1.59	1.07 - 2.38	0.023
7	35.724 - 35.724	rs17699495	rs17699495	<i>AC018647.3</i>	1.61	1.07 - 2.42	0.023
11	82.386 - 82.455	rs17144484	rs12146668	<i>RAB30</i>	1.58	1.06 - 2.34	0.023
7	24.299 - 24.567	rs6461789	rs2711125	<i>NPY,MPP6</i>	1.57	1.05 - 2.3	0.023
11	58.374 - 58.450	rs558099	rs550864	<i>GLYATL2,GLYATL1</i>	1.57	1.05 - 2.28	0.023
4	184.488 - 184.600	rs35432122	rs4315839	<i>CLDN24,CDKN2AIP</i>	1.59	0.97 - 2.2	0.023
12	128.122 - 128.948	rs11060117	rs2173906	<i>TMEM132D</i>	1.59	0.96 - 2.14	0.023
11	82.843 - 85.012	rs4411300	rs17208492	<i>DLG2</i>	1.58	1.06 - 2.34	0.023
11	82.125 - 82.207	rs1977993	rs11233326	<i>FAM181B,PRCP</i>	1.58	1.06 - 2.33	0.023
10	81.886 - 81.889	rs7094717	rs7071174	<i>PLAC9</i>	1.57	1.06 - 2.33	0.023
8	603.620 - 667.305	rs1703927	rs4735916	<i>ERICH1</i>	1.60	1.07 - 2.41	0.023
8	673.275 - 673.275	rs10867023	rs10867023	<i>ERICH1,ERICH1-AS1</i>	1.60	1.07 - 2.41	0.023
11	62.218 - 62.250	rs2845671	rs486451	<i>HNRNPUL2-BSCL2</i>	1.57	1.06 - 2.32	0.024
21	35.354 - 35.664	rs4817700	rs8129061	<i>RUNX1,LOC100506403</i>	1.59	1.03 - 2.3	0.024
11	62.262 - 62.262	rs6591720	rs7114249	<i>TTC9C</i>	1.57	1.06 - 2.32	0.024
10	81.897 - 81.901	rs2789679	rs1953600	<i>PLAC9,ANXA11</i>	1.57	1.06 - 2.33	0.024

10	81.907 - 81.944	rs1079242	rs2789641	<i>ANXA11</i>	1.57	1.06 - 2.33	0.024
7	36.519 - 36.729	rs7986	rs17170682	<i>AOAH</i>	1.63	1.02 - 2.37	0.024
11	62.287 - 62.287	rs2467647	rs2467647	<i>POLR2G</i>	1.57	1.06 - 2.32	0.024
11	62.297 - 62.297	rs679626	rs679626	<i>TAF6L</i>	1.57	1.06 - 2.32	0.024
11	62.324 - 62.329	rs631310	rs3763851	<i>NXF1</i>	1.57	1.06 - 2.32	0.024
7	23.030 - 23.104	rs9647996	rs7787110	<i>FAM126A, KLHL7-AS1</i>	1.56	1.06 - 2.3	0.024
7	23.111 - 23.111	rs10256996	rs10256996	<i>KLHL7-AS1</i>	1.56	1.06 - 2.31	0.024
7	21.958 - 22.123	rs1320800	rs17146254	<i>CDC47L, RAPGEF5</i>	1.57	0.99 - 2.17	0.024
8	151.222 - 169.693	rs2906360	rs17744505	<i>RPL23AP53</i>	1.60	1.07 - 2.41	0.024
8	173.696 - 187.042	rs6990702	rs3750097	<i>ZNF596</i>	1.60	1.07 - 2.41	0.024
8	189.547 - 305.843	rs2906334	rs11784513	<i>ZNF596, FAM87A</i>	1.60	1.07 - 2.41	0.024
8	318.687 - 321.630	rs17064393	rs17064429	<i>FAM87A</i>	1.60	1.07 - 2.41	0.024
8	324.709 - 341.546	rs1550950	rs6988801	<i>FAM87A, FBXO25</i>	1.60	1.07 - 2.41	0.024
8	348.606 - 407.533	rs11775424	rs874074	<i>FBXO25</i>	1.60	1.07 - 2.41	0.024
8	413.092 - 426.550	rs7812826	rs1470588	<i>FBXO25, TDRP</i>	1.60	1.07 - 2.41	0.024
8	430.170 - 482.899	rs13288	rs2034355	<i>TDRP</i>	1.60	1.07 - 2.41	0.024
8	502.893 - 597.161	rs1669626	rs4735900	<i>TDRP, ERICH1</i>	1.60	1.07 - 2.41	0.024
11	62.370 - 62.374	rs11231249	rs12270342	<i>WDR74, SNHG1</i>	1.57	1.06 - 2.32	0.024
10	81.992 - 82.019	rs11202293	rs1010245	<i>LINC00857, MAT1A</i>	1.57	1.06 - 2.32	0.024
10	82.020 - 82.036	rs3851059	rs2880456	<i>MAT1A</i>	1.57	1.06 - 2.32	0.024
10	82.046 - 82.080	rs2185427	rs1890889	<i>MAT1A, DYDC1</i>	1.57	1.06 - 2.32	0.024
18	8.824 - 9.089	rs12458988	rs2377961	<i>SOGA2, NDUFV2</i>	1.57	1.03 - 2.23	0.024
6	44.358 - 44.361	rs324139	rs324143	<i>TCTE1</i>	0.56	0.34 - 0.93	0.024
20	13.230 - 13.314	rs480623	rs4813127	<i>ISM1, TASP1</i>	0.56	0.33 - 0.93	0.024
11	69.722 - 69.722	rs11235527	rs11604809	<i>ANO1, FADD</i>	1.59	1.06 - 2.37	0.024
7	22.947 - 23.014	rs7788668	rs10232446	<i>FAM126A</i>	1.56	1.05 - 2.27	0.024
11	82.216 - 82.282	rs10792649	rs10792662	<i>PRCP</i>	1.58	1.06 - 2.34	0.024
11	82.296 - 82.322	rs10898054	rs11826199	<i>C11orf82</i>	1.58	1.06 - 2.34	0.024
11	82.324 - 82.358	rs4944419	rs10898066	<i>C11orf82, RAB30</i>	1.58	1.06 - 2.34	0.024
11	69.919 - 69.919	rs583397	rs583397	<i>PPFIA1, CTTN</i>	1.59	1.06 - 2.37	0.024
11	55.941 - 55.941	rs11228306	rs12785840	<i>OR5R1</i>	1.56	1.06 - 2.29	0.024
21	40.105 - 40.158	rs458297	rs16998764	<i>IGSF5, PCP4</i>	1.58	1.06 - 2.36	0.024
20	802.134 - 844.012	rs4813850	rs478451	<i>ANGPT4</i>	0.56	0.34 - 0.93	0.024
20	13.932 - 15.977	rs3842812	rs6034360	<i>MACROD2</i>	0.55	0.39 - 1.04	0.024
7	22.741 - 22.800	rs7808204	rs10950919	<i>IL6, TOMM7</i>	1.56	1.05 - 2.28	0.024
11	75.578 - 75.592	rs1533763	rs749311	<i>WNT11</i>	1.57	1.03 - 2.28	0.024
21	35.090 - 35.342	rs4507172	rs12627198	<i>RUNX1</i>	1.59	1.06 - 2.37	0.024
7	23.844 - 24.288	rs2158055	rs16148	<i>STK31, NPY</i>	1.56	1.02 - 2.21	0.024
10	82.094 - 82.102	rs7082102	rs1934697	<i>DYDC1, DYDC2</i>	1.57	1.06 - 2.32	0.024
10	82.108 - 82.109	rs17103728	rs4536152	<i>DYDC2</i>	1.57	1.06 - 2.32	0.024
11	62.690 - 62.752	rs2226866	rs7126435	<i>SLC22A25</i>	1.57	1.06 - 2.31	0.024
18	9.091 - 9.106	rs2377962	rs1785560	<i>NDUFV2</i>	1.56	1.06 - 2.29	0.024
18	9.175 - 9.275	rs7229883	rs1074347	<i>ANKRD12</i>	1.56	1.06 - 2.29	0.024
18	9.289 - 9.307	rs9963940	rs2902839	<i>ANKRD12, TWSG1</i>	1.56	1.06 - 2.29	0.024
18	9.342 - 9.391	rs7234762	rs7237485	<i>TWSG1</i>	1.56	1.06 - 2.29	0.024
11	81.286 - 82.114	rs1112922	rs7943226	<i>MIR4300, FAM181B</i>	1.58	1.05 - 2.3	0.024
4	13.722 - 13.742	rs2204618	rs3909655	<i>LINC01085</i>	0.55	0.33 - 0.94	0.025
4	13.759 - 14.519	rs3909663	rs7674868	<i>LINC01085, CPEB2-AS1</i>	0.55	0.33 - 0.93	0.025
11	62.603 - 62.664	rs17157716	rs9667098	<i>SLC22A24</i>	1.57	1.06 - 2.32	0.025
11	62.670 - 62.682	rs4405319	rs11828501	<i>SLC22A24, SLC22A25</i>	1.57	1.06 - 2.31	0.025
11	62.765 - 62.765	rs10897399	rs1193892	<i>SLC22A25, MIR3680-2</i>	1.57	1.06 - 2.31	0.025
11	76.114 - 76.167	rs4944120	rs7118225	<i>GUCY2EP, TSKU</i>	1.57	1.06 - 2.32	0.025
11	64.394 - 64.404	rs17146413	rs602347	<i>EHD1</i>	1.57	1.06 - 2.33	0.025
10	82.160 - 82.182	rs7082705	rs8735	<i>FAM213A</i>	1.57	1.06 - 2.32	0.025
10	82.183 - 82.200	rs7907224	rs10887903	<i>FAM213A, TSPAN14</i>	1.57	1.06 - 2.32	0.025
10	82.213 - 82.254	rs10887933	rs9633739	<i>TSPAN14</i>	1.57	1.06 - 2.32	0.025

11	64.117 - 64.117	rs10897518	rs10897518	<i>SLC22A12</i>	1.57	1.06 - 2.33	0.025
11	64.143 - 64.234	rs17146121	rs480617	<i>NRXN2</i>	1.57	1.06 - 2.33	0.025
11	64.267 - 64.267	rs2073798	rs2073798	<i>RASGRP2</i>	1.57	1.06 - 2.33	0.025
11	64.282 - 64.285	rs489192	rs637332	<i>PYGM</i>	1.57	1.06 - 2.33	0.025
11	64.286 - 64.286	rs11821081	rs11821081	<i>PYGM,SF1</i>	1.57	1.06 - 2.33	0.025
11	64.296 - 64.296	rs680273	rs680273	<i>SF1</i>	1.57	1.06 - 2.33	0.025
11	64.341 - 64.341	rs2957154	rs2957154	<i>MEN1,CDC42BPG</i>	1.57	1.06 - 2.33	0.025
7	23.115 - 23.182	rs6980224	rs6972117	<i>KLHL7</i>	1.56	1.06 - 2.29	0.025
7	29.207 - 29.520	rs121724	rs12536350	<i>CHN2</i>	1.62	0.98 - 2.23	0.025
11	62.376 - 62.376	rs4034	rs2071036	<i>SNHG1</i>	1.57	1.06 - 2.32	0.025
11	62.386 - 62.386	rs507101	rs507101	<i>SLC3A2</i>	1.57	1.06 - 2.32	0.025
11	62.420 - 62.427	rs547248	rs530752	<i>SLC3A2,CHRM1</i>	1.57	1.06 - 2.32	0.025
11	62.434 - 62.441	rs2067478	rs544978	<i>CHRM1</i>	1.57	1.06 - 2.32	0.025
11	62.452 - 62.490	rs10792363	rs10750977	<i>CHRM1,SLC22A6</i>	1.57	1.06 - 2.32	0.025
11	62.506 - 62.508	rs11568622	rs10897312	<i>SLC22A6</i>	1.57	1.06 - 2.32	0.025
11	62.510 - 62.512	rs11828074	rs11231294	<i>SLC22A6,SLC22A8</i>	1.57	1.06 - 2.32	0.025
11	62.519 - 62.528	rs1004836	rs11231300	<i>SLC22A8</i>	1.57	1.06 - 2.32	0.025
11	62.557 - 62.594	rs1108539	rs12290156	<i>SLC22A8,SLC22A24</i>	1.57	1.06 - 2.32	0.025
21	40.160 - 40.223	rs760149	rs7280722	<i>PCP4</i>	1.58	1.05 - 2.34	0.025
20	12.936 - 13.089	rs360533	rs6033633	<i>SPTLC3</i>	0.56	0.34 - 0.94	0.025
10	82.129 - 82.155	rs10749578	rs7092237	<i>DYDC2,FAM213A</i>	1.57	1.06 - 2.32	0.025
12	64.437 - 64.502	rs7977722	rs7977687	<i>RPSAP52</i>	0.56	0.33 - 0.93	0.025
6	44.301 - 44.310	rs731780	rs6458375	<i>SLC29A1</i>	0.56	0.34 - 0.93	0.025
6	44.319 - 44.319	rs9381299	rs9381299	<i>SLC29A1,HSP90AB1</i>	0.56	0.34 - 0.93	0.025
6	44.328 - 44.328	rs504697	rs504697	<i>HSP90AB1</i>	0.56	0.34 - 0.93	0.025
6	44.348 - 44.354	rs571770	rs12943	<i>TMEM151B</i>	0.56	0.34 - 0.93	0.025
6	44.233 - 44.249	rs12210167	rs10948127	<i>CAPN11</i>	0.56	0.34 - 0.94	0.025
6	44.262 - 44.285	rs4711777	rs6899839	<i>CAPN11,SLC29A1</i>	0.56	0.34 - 0.93	0.025
9	30.408 - 32.366	rs12000753	rs1023087	<i>LOC401497,AC01</i>	1.55	0.92 - 2	0.025
11	56.568 - 56.697	rs7126102	rs10896574	<i>OR5AK4P,LRRC55</i>	1.55	1.06 - 2.28	0.025
11	76.175 - 76.176	rs1149615	rs1149616	<i>TSKU</i>	1.57	1.06 - 2.32	0.025
11	76.191 - 76.247	rs10899285	rs7931561	<i>TSKU,ACER3</i>	1.57	1.06 - 2.32	0.025
11	76.863 - 76.954	rs7109645	rs12418261	<i>PAK1,AQP11</i>	1.55	1.05 - 2.26	0.026
6	78.459 - 78.682	rs3846758	rs7752246	<i>MEI4</i>	0.56	0.35 - 0.94	0.026
7	12.428 - 12.574	rs17166022	rs17166169	<i>VWDE,SCIN</i>	1.56	1.02 - 2.2	0.026
11	75.211 - 75.531	rs10899134	rs12221774	<i>UVRAG</i>	1.58	1.06 - 2.36	0.026
11	64.419 - 64.442	rs17146441	rs628595	<i>ATG2A</i>	1.56	1.06 - 2.31	0.026
11	64.443 - 64.444	rs601805	rs606412	<i>ATG2A,PPP2R5B</i>	1.56	1.06 - 2.31	0.026
11	64.448 - 64.448	rs630585	rs630585	<i>PPP2R5B</i>	1.56	1.06 - 2.31	0.026
11	64.489 - 64.504	rs240571	rs7106136	<i>C11orf85,BATF2</i>	1.56	1.06 - 2.31	0.026
11	64.529 - 64.535	rs7103328	rs17146564	<i>BATF2,ARL2-SNX15</i>	1.56	1.06 - 2.31	0.026
11	64.537 - 64.537	rs6591868	rs6591868	<i>ARL2,ARL2-SNX15</i>	1.56	1.06 - 2.31	0.026
11	64.589 - 64.596	rs527039	rs907629	<i>NAALADL1,CDCA5</i>	1.56	1.06 - 2.31	0.026
11	64.605 - 64.605	rs508375	rs508375	<i>CDCA5</i>	1.56	1.06 - 2.31	0.026
11	64.612 - 64.613	rs2282498	rs7943007	<i>TMEM262</i>	1.56	1.06 - 2.31	0.026
11	64.616 - 64.616	rs12281698	rs12281698	<i>TMEM262,VPS51</i>	1.56	1.06 - 2.31	0.026
11	64.630 - 64.630	rs3896078	rs3896078	<i>VPS51</i>	1.56	1.06 - 2.31	0.026
7	22.734 - 22.738	rs2069835	rs2069852	<i>IL6</i>	1.55	1.05 - 2.28	0.026
11	75.197 - 75.202	rs7937098	rs1458836	<i>DGAT2,UVRAG</i>	1.58	1.04 - 2.33	0.026
6	52.833 - 52.860	rs3996993	rs668163	<i>GSTA5,GSTA3</i>	0.57	0.34 - 0.94	0.026
7	24.294 - 24.298	rs3025118	rs16124	<i>NPY</i>	1.56	1.05 - 2.3	0.026
20	1.045 - 1.095	rs4813030	rs3087751	<i>PSMF1</i>	0.57	0.35 - 0.94	0.026
7	29.707 - 29.810	rs10276725	rs174909	<i>DPY19L2P3,WIPF3</i>	1.61	1.06 - 2.43	0.026
6	76.846 - 78.223	rs2765790	rs9443415	<i>IMP1,HTR1B</i>	0.57	0.35 - 0.96	0.026
7	12.576 - 12.660	rs3735222	rs1404523	<i>SCIN</i>	1.56	1.05 - 2.3	0.026
7	12.662 - 12.691	rs4721126	rs2033602	<i>SCIN,ARL4A</i>	1.56	1.05 - 2.3	0.026

11	76.621 - 76.676	rs4945162	rs12361485	<i>GDPD4</i>	1.55	1.01 - 2.19	0.026
21	35.039 - 35.072	rs1547237	rs11701849	<i>AP000330.8</i>	1.58	1.05 - 2.35	0.026
20	848.831 - 884.079	rs501322	rs6039300	<i>ANGPT4,RSPO4</i>	0.57	0.35 - 0.94	0.026
20	889.312 - 927.720	rs542451	rs6039433	<i>RSPO4</i>	0.57	0.34 - 0.94	0.026
6	52.873 - 52.882	rs557135	rs9463845	<i>GSTA3</i>	0.57	0.34 - 0.94	0.026
20	9.465 - 9.764	rs16996034	rs6056921	<i>PAK7</i>	0.56	0.34 - 0.94	0.026
6	43.973 - 44.013	rs1570986	rs9381266	<i>LOC100132354</i>	0.56	0.36 - 0.97	0.026
11	61.127 - 61.127	rs1639892	rs1639892	<i>RP11-855O10.2</i>	1.56	1.05 - 2.31	0.026
6	78.228 - 78.228	rs6296	rs6296	<i>HTR1B</i>	0.57	0.34 - 0.94	0.026
6	78.231 - 78.446	rs4140535	rs9343640	<i>HTR1B,MEI4</i>	0.57	0.34 - 0.94	0.026
21	40.224 - 40.301	rs12152099	rs2837365	<i>PCP4,DSCAM</i>	1.57	1.05 - 2.35	0.026
6	52.738 - 52.754	rs2608634	rs2608658	<i>GSTA2,GSTA1</i>	0.57	0.35 - 0.94	0.027
6	52.765 - 52.774	rs4147615	rs10948723	<i>GSTA1</i>	0.57	0.34 - 0.94	0.027
6	52.778 - 52.800	rs3756982	rs2397115	<i>GSTA1,GSTA5</i>	0.57	0.34 - 0.94	0.027
6	52.805 - 52.811	rs4715344	rs4715353	<i>GSTA5</i>	0.57	0.34 - 0.94	0.027
11	59.401 - 59.558	rs713136	rs17154483	<i>TCN1,OOSP2</i>	1.56	1.03 - 2.26	0.027
6	52.555 - 52.555	rs2268702	rs2268702	<i>TRAM2-AS1</i>	0.57	0.35 - 0.94	0.027
6	52.560 - 52.634	rs2057350	rs9296688	<i>TRAM2-AS1,LOC730101</i>	0.57	0.35 - 0.94	0.027
7	12.694 - 12.694	rs2280633	rs2280633	<i>ARL4A</i>	1.55	1.05 - 2.29	0.027
11	59.907 - 59.909	rs2233241	rs950802	<i>MS4A7</i>	1.57	1.05 - 2.32	0.027
6	52.712 - 52.718	rs2180312	rs2207950	<i>GSTA7P</i>	0.57	0.35 - 0.94	0.027
6	52.720 - 52.720	rs9367493	rs9367493	<i>GSTA7P,GSTA2</i>	0.57	0.35 - 0.94	0.027
11	77.270 - 77.382	rs947841	rs11237348	<i>INTS4</i>	1.54	1.05 - 2.26	0.027
6	44.215 - 44.227	rs10948125	rs3734695	<i>TMEM63B</i>	0.56	0.34 - 0.94	0.027
7	29.523 - 29.560	rs10244178	rs10951234	<i>CHN2,PRR15</i>	1.60	1.06 - 2.44	0.027
7	29.578 - 29.635	rs17754241	rs850015	<i>PRR15,LOC646762</i>	1.60	1.06 - 2.44	0.027
21	38.523 - 38.591	rs7283194	rs2236607	<i>KCNJ15</i>	1.58	1.05 - 2.35	0.027
12	63.205 - 63.289	rs2141764	rs6581580	<i>TBK1,RASSF3</i>	0.57	0.37 - 0.99	0.027
5	5.130 - 5.178	rs270629	rs10475286	<i>LINC01020,CTD-2297D10</i>	1.58	1.05 - 2.34	0.027
5	5.186 - 5.190	rs751905	rs11748898	<i>CTD-2297D10.2</i>	1.58	1.05 - 2.36	0.027
11	77.230 - 77.261	rs7117813	rs668701	<i>AAMDC</i>	1.54	1.05 - 2.26	0.027
11	59.867 - 59.890	rs12787263	rs11230289	<i>MS4A6E,MS4A7</i>	1.56	1.02 - 2.25	0.027
11	76.689 - 76.703	rs6592714	rs4944158	<i>GDPD4,PAK1</i>	1.54	1.05 - 2.26	0.027
11	76.715 - 76.856	rs17135547	rs3015993	<i>PAK1</i>	1.54	1.05 - 2.26	0.027
11	64.644 - 64.645	rs1196043	rs769442	<i>FAU</i>	1.56	1.05 - 2.31	0.027
11	72.656 - 72.676	rs12790447	rs7127013	<i>P2RY6</i>	1.57	1.05 - 2.34	0.027
20	933.712 - 1.038	rs8120339	rs6077759	<i>RSPO4,PSMF1</i>	0.57	0.35 - 0.95	0.027
18	7.574 - 8.394	rs8089911	rs3786364	<i>PTPRM</i>	1.55	1.05 - 2.31	0.027
12	63.662 - 63.727	rs10506534	rs12317376	<i>FLJ41278,WIF1</i>	0.57	0.34 - 0.94	0.027
12	66.881 - 66.906	rs11571069	rs11570978	<i>IL26</i>	0.56	0.34 - 0.94	0.027
13	68.471 - 69.159	rs1954147	rs9564589	<i>MIR548H4,KLHL1</i>	0.58	0.38 - 0.98	0.027
6	52.886 - 52.947	rs9382157	rs612483	<i>GSTA3,GSTA4</i>	0.57	0.35 - 0.94	0.027
12	66.834 - 66.836	rs2069727	rs2069718	<i>IFNG</i>	0.56	0.34 - 0.94	0.027
12	66.841 - 66.877	rs2069705	rs11177099	<i>IFNG,IL26</i>	0.56	0.34 - 0.94	0.027
7	29.657 - 29.686	rs1728538	rs850106	<i>LOC646762</i>	1.60	1.06 - 2.43	0.027
11	61.862 - 61.916	rs2513077	rs4281490	<i>ASRGL1</i>	1.56	1.05 - 2.32	0.027
11	61.922 - 61.931	rs7119797	rs3017101	<i>ASRGL1,SCGB1A1</i>	1.56	1.05 - 2.33	0.027
11	61.943 - 61.943	rs10897271	rs10897271	<i>SCGB1A1</i>	1.56	1.05 - 2.33	0.027
11	61.955 - 61.955	rs2513078	rs2513078	<i>SCGB1A1,AHNAK</i>	1.56	1.05 - 2.33	0.027
6	44.085 - 44.187	rs9357427	rs12526662	<i>C6orf223,MRPL14</i>	0.56	0.34 - 0.94	0.027
5	5.088 - 5.121	rs16874607	rs6868782	<i>LINC01020</i>	1.57	1.05 - 2.35	0.027
11	61.956 - 62.051	rs10897274	rs11824660	<i>AHNAK</i>	1.56	1.05 - 2.32	0.027
20	11.858 - 12.787	rs1883791	rs7269295	<i>BTBD3,RP5-1069C8.2</i>	0.56	0.37 - 1	0.027
20	12.795 - 12.878	rs6033532	rs13036973	<i>RP5-1069C8.2</i>	0.56	0.34 - 0.94	0.027
21	38.451 - 38.486	rs986363	rs2836185	<i>DSCR8,DSCR10</i>	1.57	0.99 - 2.21	0.027
11	61.820 - 61.821	rs2178261	rs954237	<i>SCGB1D4</i>	1.56	1.05 - 2.32	0.027

11	61.824 - 61.858	rs12280611	rs10501332	<i>SCGB1D4,ASRGL1</i>	1.56	1.05 - 2.32	0.027
11	76.977 - 76.995	rs7129556	rs4945186	<i>AQP11</i>	1.54	1.05 - 2.26	0.027
11	77.000 - 77.000	rs6592738	rs6592738	<i>AQP11,CLNS1A</i>	1.54	1.05 - 2.26	0.027
11	77.012 - 77.024	rs1540179	rs7925252	<i>CLNS1A</i>	1.54	1.05 - 2.26	0.027
11	77.038 - 77.053	rs10899397	rs6592742	<i>CLNS1A,RSF1</i>	1.54	1.05 - 2.26	0.027
11	77.056 - 77.183	rs4945197	rs7931215	<i>RSF1</i>	1.54	1.05 - 2.26	0.027
21	38.510 - 38.520	rs8129915	rs2836215	<i>DSCR10,KCNJ15</i>	1.57	1.05 - 2.35	0.027
12	63.577 - 63.649	rs1445442	rs7133622	<i>FLJ41278</i>	0.57	0.35 - 0.95	0.027
12	66.911 - 66.926	rs10878795	rs1179246	<i>IL26,IL22</i>	0.56	0.34 - 0.94	0.027
12	66.931 - 66.934	rs1179249	rs2227484	<i>IL22</i>	0.56	0.34 - 0.94	0.027
12	66.934 - 66.973	rs2227478	rs12321603	<i>IL22,MDM1</i>	0.56	0.34 - 0.94	0.027
20	12.886 - 12.936	rs6109626	rs360535	<i>RP5-1069C8.2,SPTLC3</i>	0.57	0.34 - 0.95	0.027
18	7.228 - 7.546	rs8087367	rs1624841	<i>LRRC30,PTPRM</i>	1.56	0.96 - 2.18	0.027
21	34.914 - 34.962	rs7281542	rs16992120	<i>RCAN1,CLIC6</i>	1.58	1.05 - 2.36	0.027
20	776.791 - 797.993	rs1106699	rs16994418	<i>FAM110A,ANGPT4</i>	0.57	0.35 - 0.94	0.027
11	61.146 - 61.156	rs198755	rs11820769	<i>RPLP0P2</i>	1.56	1.05 - 2.31	0.028
6	44.189 - 44.201	rs4711767	rs1935611	<i>MRPL14</i>	0.57	0.34 - 0.94	0.028
20	9.411 - 9.430	rs6086900	rs16995976	<i>PLCB4,RP5-1119D9.4</i>	0.57	0.34 - 0.94	0.028
20	9.437 - 9.439	rs16995983	rs16995987	<i>RP5-1119D9.4</i>	0.57	0.34 - 0.94	0.028
20	9.444 - 9.456	rs968746	rs6039491	<i>LAMP5</i>	0.57	0.34 - 0.94	0.028
11	59.805 - 59.829	rs7930538	rs11230240	<i>MS4A4A</i>	1.55	1.05 - 2.3	0.028
11	59.840 - 59.857	rs12280966	rs10897049	<i>MS4A4A,MS4A6E</i>	1.55	1.05 - 2.3	0.028
11	59.858 - 59.864	rs4506675	rs2289612	<i>MS4A6E</i>	1.55	1.05 - 2.3	0.028
6	44.016 - 44.072	rs10948111	rs9462952	<i>LOC100132354,C6orf223</i>	0.57	0.34 - 0.95	0.028
13	70.488 - 70.626	rs1748739	rs4506781	<i>LINC00348</i>	0.57	0.35 - 0.95	0.028
11	59.564 - 59.564	rs492674	rs492674	<i>OOSP2</i>	1.55	1.05 - 2.3	0.028
11	59.581 - 59.594	rs571760	rs10897003	<i>MS4A3</i>	1.55	1.05 - 2.3	0.028
11	59.596 - 59.609	rs7106518	rs513986	<i>MS4A3,MS4A2</i>	1.55	1.05 - 2.3	0.028
11	59.612 - 59.616	rs574700	rs2847666	<i>MS4A2</i>	1.55	1.05 - 2.3	0.028
11	59.625 - 59.693	rs1286182	rs667897	<i>MS4A2,MS4A6A</i>	1.55	1.05 - 2.3	0.028
11	59.717 - 59.799	rs684977	rs11230228	<i>MS4A6A,MS4A4A</i>	1.55	1.05 - 2.29	0.028
6	52.638 - 52.642	rs9382128	rs7762854	<i>LOC730101</i>	0.57	0.35 - 0.94	0.028
6	52.646 - 52.657	rs9349639	rs6923338	<i>TMEM14A</i>	0.57	0.35 - 0.94	0.028
6	52.663 - 52.704	rs41391944	rs2748992	<i>TMEM14A,GSTA7P</i>	0.57	0.35 - 0.94	0.028
11	64.649 - 64.649	rs3782094	rs3782094	<i>MRPL49</i>	1.55	1.05 - 2.3	0.028
11	64.653 - 64.654	rs9971546	rs1206196	<i>SYVN1</i>	1.55	1.05 - 2.3	0.028
11	64.661 - 64.683	rs10895987	rs7113761	<i>SYVN1,SPDYC</i>	1.55	1.05 - 2.3	0.028
7	22.824 - 22.824	rs2286499	rs2286498	<i>TOMM7</i>	1.55	1.05 - 2.28	0.028
7	22.838 - 22.858	rs41487946	rs4722193	<i>TOMM7,SNORD93</i>	1.55	1.05 - 2.28	0.028
11	61.773 - 61.789	rs1632156	rs17157079	<i>SCGB1D2,SCGB2A2</i>	1.56	1.05 - 2.3	0.028
11	72.650 - 72.650	rs10898914	rs10898914	<i>P2RY2,P2RY6</i>	1.57	1.05 - 2.34	0.028
11	64.697 - 64.697	rs1195962	rs1195962	<i>SPDYC</i>	1.55	1.05 - 2.3	0.028
11	64.719 - 64.719	rs7116156	rs7116674	<i>CAPN1</i>	1.55	1.05 - 2.3	0.028
11	64.741 - 64.741	rs239253	rs239253	<i>SLC22A20</i>	1.55	1.05 - 2.3	0.028
11	64.756 - 64.767	rs3015997	rs12420069	<i>SLC22A20,POLA2</i>	1.55	1.05 - 2.3	0.028
11	64.805 - 64.805	rs611910	rs611910	<i>POLA2</i>	1.55	1.05 - 2.3	0.028
11	64.844 - 64.845	rs630055	rs4149835	<i>CDC42EP2</i>	1.55	1.05 - 2.3	0.028
11	64.849 - 64.849	rs509303	rs509303	<i>CDC42EP2,DPF2</i>	1.55	1.05 - 2.3	0.028
11	64.863 - 64.875	rs4647575	rs689288	<i>DPF2</i>	1.55	1.05 - 2.3	0.028
11	72.543 - 72.604	rs12421033	rs557451	<i>FCHSD2,P2RY2</i>	1.57	1.04 - 2.33	0.028
11	72.609 - 72.627	rs947850	rs12271502	<i>P2RY2</i>	1.57	1.05 - 2.35	0.028
21	34.971 - 35.012	rs10483022	rs2834602	<i>CLIC6</i>	1.57	1.05 - 2.35	0.028
21	35.014 - 35.014	rs2834603	rs2834603	<i>CLIC6,LINC00160</i>	1.57	1.05 - 2.35	0.028
21	35.021 - 35.029	rs1107470	rs1029225	<i>LINC00160</i>	1.57	1.05 - 2.35	0.028
13	70.655 - 70.892	rs9542606	rs11843100	<i>LINC00348,DACHI</i>	0.57	0.35 - 0.94	0.028
21	35.033 - 35.038	rs16992204	rs2246436	<i>LINC00160,AP000330.8</i>	1.57	1.05 - 2.35	0.028

1	236.719 - 237.847	rs4659875	rs6690612	<i>LINC01139,CHRM3</i>	0.58	0.41 - 1.04	0.028
11	64.891 - 64.891	rs482320	rs482320	<i>TIGD3,SLC25A45</i>	1.55	1.05 - 2.3	0.028
11	64.924 - 64.924	rs472852	rs472852	<i>FRMD8</i>	1.55	1.05 - 2.3	0.028
11	64.962 - 64.962	rs673753	rs673753	<i>NEAT1,MIR612</i>	1.55	1.05 - 2.3	0.028
11	64.967 - 64.967	rs11605125	rs11605125	<i>MIR612</i>	1.55	1.05 - 2.3	0.028
11	64.977 - 65.015	rs1784859	rs1152621	<i>MIR612,MALAT1</i>	1.55	1.05 - 2.3	0.028
11	75.600 - 75.722	rs2004652	rs12281889	<i>WNT11,PRKRIR</i>	1.55	1.05 - 2.29	0.028
12	66.974 - 67.011	rs973328	rs3741808	<i>MDMI</i>	0.56	0.34 - 0.94	0.028
11	58.263 - 58.356	rs7116722	rs7115145	<i>GLYAT,GLYATL2</i>	1.54	1.05 - 2.28	0.028
11	58.357 - 58.368	rs10896847	rs1943280	<i>GLYATL2</i>	1.54	1.05 - 2.28	0.028
7	22.865 - 22.942	rs7811699	rs10247567	<i>SNORD93,FAM126A</i>	1.54	1.05 - 2.27	0.029
11	71.966 - 72.052	rs1980089	rs12289096	<i>PDE2A</i>	1.57	1.05 - 2.33	0.029
11	72.067 - 72.068	rs341054	rs341053	<i>PDE2A,ARAP1</i>	1.57	1.05 - 2.34	0.029
10	82.404 - 83.622	rs4934394	rs1884279	<i>SH2D4B,NRG3</i>	1.55	0.97 - 2.15	0.029
11	65.059 - 65.059	rs4423189	rs4423189	<i>SCYL1</i>	1.55	1.05 - 2.3	0.029
11	65.110 - 65.110	rs4601790	rs11227229	<i>EHPIL1</i>	1.55	1.05 - 2.3	0.029
11	65.121 - 65.139	rs11227234	rs1787034	<i>MAP3K11</i>	1.55	1.05 - 2.3	0.029
11	61.165 - 61.195	rs1812458	rs11230775	<i>RPLP0P2,DAGLA</i>	1.55	1.05 - 2.3	0.029
11	59.706 - 59.706	rs646924	rs646924	<i>MS4A6A</i>	1.55	1.05 - 2.29	0.029
6	44.076 - 44.080	rs7761007	rs2273309	<i>C6orf223</i>	0.57	0.34 - 0.94	0.029
11	72.082 - 72.137	rs12276972	rs4943997	<i>ARAPI</i>	1.57	1.05 - 2.34	0.029
11	72.142 - 72.142	rs7926287	rs7926287	<i>ARAPI,STARD10</i>	1.57	1.05 - 2.34	0.029
11	72.149 - 72.153	rs12287481	rs11235586	<i>STARD10</i>	1.57	1.05 - 2.34	0.029
11	61.799 - 61.817	rs10897243	rs11602307	<i>SCGB2A2,SCGB1D4</i>	1.56	1.05 - 2.31	0.029
11	61.794 - 61.795	rs11603383	rs4963488	<i>SCGB2A2</i>	1.56	1.05 - 2.31	0.029
12	67.016 - 67.278	rs7302909	rs12315708	<i>MDMI,RAP1B</i>	0.57	0.34 - 0.95	0.029
11	58.161 - 58.229	rs2298608	rs2507838	<i>ZFP91-CNTF,GLYAT</i>	1.54	1.01 - 2.2	0.029
11	58.234 - 58.250	rs675423	rs11229601	<i>GLYAT</i>	1.54	1.05 - 2.28	0.029
20	701.310 - 755.635	rs6117562	rs4813833	<i>SLC52A3,FAM110A</i>	0.57	0.35 - 0.95	0.029
20	761.751 - 761.751	rs685119	rs685119	<i>FAM110A</i>	0.57	0.35 - 0.94	0.029
11	72.188 - 72.188	rs10751213	rs10751213	<i>STARD10,ATG16L2</i>	1.56	1.05 - 2.34	0.029
11	75.122 - 75.134	rs11236507	rs556532	<i>MOGAT2,LOC283214</i>	1.56	1.05 - 2.34	0.029
6	52.949 - 52.968	rs419129	rs16883343	<i>GSTA4</i>	0.57	0.35 - 0.94	0.029
6	52.997 - 53.032	rs222461	rs6934098	<i>ICK</i>	0.57	0.35 - 0.94	0.029
18	8.403 - 8.585	rs649178	rs11660737	<i>PTPRM,RAB12</i>	1.54	1 - 2.18	0.029
7	28.835 - 28.951	rs10486595	rs221141	<i>CREB5,TRIL</i>	1.57	1.01 - 2.27	0.029
18	8.353 - 8.354	rs1318213	rs8084278	<i>RP11-789C17.3</i>	1.54	1.05 - 2.27	0.029
11	75.067 - 75.105	rs668581	rs695155	<i>MAP6,MOGAT2</i>	1.56	1.04 - 2.33	0.029
11	75.108 - 75.115	rs650861	rs575976	<i>MOGAT2</i>	1.56	1.05 - 2.34	0.029
11	80.905 - 81.263	rs7948330	rs7947832	<i>NONE,MIR4300</i>	1.55	1.01 - 2.23	0.029
11	61.214 - 61.237	rs883724	rs7940889	<i>DAGLA</i>	1.55	1.05 - 2.3	0.029
20	16.199 - 16.503	rs6075040	rs6044134	<i>KIF16B</i>	0.57	0.35 - 0.96	0.029
20	16.503 - 16.657	rs6044135	rs3761299	<i>KIF16B,SNRPB2</i>	0.57	0.35 - 0.96	0.029
21	39.913 - 39.956	rs579659	rs2837109	<i>B3GALT5</i>	1.56	1.04 - 2.33	0.029
11	77.605 - 77.802	rs3740677	rs10899500	<i>GAB2</i>	1.54	1.02 - 2.22	0.030
11	61.720 - 61.731	rs1675105	rs1540183	<i>SCGB1D1,SCGB2A1</i>	1.55	1.04 - 2.28	0.030
11	61.733 - 61.733	rs1792860	rs1792860	<i>SCGB2A1</i>	1.55	1.05 - 2.3	0.030
11	61.751 - 61.762	rs1729392	rs1729380	<i>SCGB2A1,SCGB1D2</i>	1.55	1.05 - 2.3	0.030
11	61.765 - 61.767	rs1792873	rs2232950	<i>SCGB1D2</i>	1.55	1.05 - 2.3	0.030
11	77.825 - 77.962	rs17136594	rs4457782	<i>NARS2</i>	1.53	1.04 - 2.24	0.030
12	63.732 - 63.797	rs10784434	rs2173456	<i>WIF1</i>	0.57	0.35 - 0.95	0.030
6	147.940 - 148.701	rs9322102	rs9322144	<i>SAMD5,SASH1</i>	1.56	0.95 - 2.11	0.030
12	63.851 - 63.907	rs35470165	rs11175690	<i>LEMD3</i>	0.57	0.35 - 0.95	0.030
12	63.930 - 63.957	rs12315491	rs11175712	<i>LEMD3,MSRB3</i>	0.57	0.35 - 0.95	0.030
12	63.963 - 64.141	rs10506528	rs7306113	<i>MSRB3</i>	0.57	0.35 - 0.95	0.030
20	688.919 - 695.835	rs2295431	rs6054627	<i>SLC52A3</i>	0.57	0.35 - 0.96	0.030

20	17.159 - 17.414	rs1592016	rs7263582	<i>PCSK2</i>	0.57	0.35 - 0.95	0.030
1	238.333 - 238.705	rs10926125	rs945511	<i>FMN2</i>	0.57	0.38 - 1	0.030
6	53.056 - 53.063	rs222439	rs2744454	<i>FBXO9</i>	0.57	0.35 - 0.95	0.030
6	53.084 - 53.096	rs12525542	rs9474394	<i>FBXO9,GCM1</i>	0.57	0.35 - 0.95	0.030
11	73.860 - 73.878	rs684877	rs601904	<i>KCNE3,LIPT2</i>	1.55	1.04 - 2.29	0.030
11	65.241 - 65.241	rs3372	rs3372	<i>RNASEH2C</i>	1.55	1.04 - 2.29	0.030
11	75.146 - 75.146	rs11236527	rs11236527	<i>LOC283214</i>	1.56	1.04 - 2.33	0.030
11	61.490 - 61.490	rs195154	rs195154	<i>FTH1</i>	1.54	1.04 - 2.29	0.030
11	61.501 - 61.640	rs17156618	rs4963460	<i>FTH1,INCENP</i>	1.54	1.04 - 2.29	0.030
12	63.388 - 63.388	rs1147100	rs1147100	<i>RASSF3,GNS</i>	0.57	0.35 - 0.95	0.030
12	63.398 - 63.436	rs1312808	rs17100642	<i>GNS</i>	0.57	0.35 - 0.95	0.030
12	63.465 - 63.486	rs4402398	rs10878211	<i>GNS,TBC1D30</i>	0.57	0.35 - 0.95	0.030
14	79.733 - 79.744	rs225019	rs6574551	<i>DIO2</i>	0.58	0.36 - 0.95	0.030
11	59.042 - 59.056	rs12278052	rs12278002	<i>OR4D9,OSBP</i>	1.54	1.03 - 2.26	0.030
21	37.923 - 38.206	rs857976	rs2836050	<i>KCNJ6</i>	1.56	1.04 - 2.34	0.030
11	65.147 - 65.147	rs12801636	rs12801636	<i>PCNXL3</i>	1.55	1.04 - 2.29	0.030
11	65.175 - 65.175	rs1466462	rs1466462	<i>SIPA1</i>	1.55	1.04 - 2.29	0.030
11	65.207 - 65.232	rs7934036	rs9666878	<i>RELA,KAT5</i>	1.55	1.04 - 2.29	0.030
11	65.238 - 65.238	rs487264	rs487264	<i>KAT5</i>	1.55	1.04 - 2.29	0.030
20	16.684 - 17.142	rs6034593	rs9679796	<i>OTOR,PCSK2</i>	0.57	0.35 - 0.96	0.030
11	65.264 - 65.294	rs603509	rs1193496	<i>RNASEH2C,AP5B1</i>	1.55	1.04 - 2.29	0.030
12	63.304 - 63.377	rs2682714	rs15958	<i>RASSF3</i>	0.57	0.35 - 0.95	0.030
11	72.235 - 72.485	rs7946861	rs12294037	<i>FCHSD2</i>	1.56	1.04 - 2.33	0.030
11	72.206 - 72.206	rs891655	rs891655	<i>ATG16L2</i>	1.56	1.04 - 2.33	0.030
11	65.299 - 65.303	rs489574	rs610037	<i>AP5B1</i>	1.55	1.04 - 2.29	0.030
11	65.318 - 65.318	rs644740	rs2276133	<i>OVOL1</i>	1.55	1.04 - 2.29	0.030
18	9.956 - 10.441	rs9946450	rs2847348	<i>VAPA,APCDD1</i>	1.54	0.98 - 2.16	0.030
11	75.161 - 75.177	rs1944438	rs1017713	<i>DGAT2</i>	1.56	1.04 - 2.33	0.030
12	63.506 - 63.562	rs998314	rs1147085	<i>TBC1D30</i>	0.58	0.35 - 0.95	0.031
21	39.813 - 39.889	rs16997780	rs535457	<i>SH3BGR,C21orf88</i>	1.56	1 - 2.24	0.031
21	39.890 - 39.902	rs1524930	rs7276418	<i>C21orf88</i>	1.56	1.04 - 2.33	0.031
11	61.446 - 61.461	rs12420625	rs2158027	<i>RAB31L1,BEST1</i>	1.54	1.04 - 2.28	0.031
2	111.264 - 111.590	rs10199559	rs1837369	<i>ACOXL</i>	1.52	1.04 - 2.22	0.031
9	21.023 - 21.063	rs10964808	rs7849713	<i>PTPLAD2,IFNB1</i>	1.55	1 - 2.22	0.031
9	21.076 - 21.126	rs7867177	rs10738586	<i>IFNB1,IFNW1</i>	1.55	1.04 - 2.3	0.031
14	79.407 - 79.721	rs11159422	rs10149761	<i>NRXN3,DIO2</i>	0.59	0.39 - 1.02	0.031
21	16.028 - 16.174	rs926612	rs9982630	<i>USP25</i>	1.57	1.04 - 2.36	0.031
11	74.825 - 74.893	rs534179	rs1793398	<i>GDPD5</i>	1.56	1.01 - 2.25	0.031
5	3.470 - 3.583	rs103722	rs710984	<i>LINC01019</i>	1.57	1.04 - 2.35	0.031
6	41.428 - 41.619	rs2068392	rs2395779	<i>NCR2,FOXP4</i>	0.57	0.37 - 1	0.031
11	61.475 - 61.484	rs1800007	rs17156602	<i>BEST1</i>	1.54	1.04 - 2.28	0.031
7	23.257 - 23.281	rs17147950	rs5850	<i>GPNMB</i>	1.53	1.04 - 2.26	0.031
14	32.493 - 33.337	rs8020550	rs943164	<i>NPAS3</i>	1.55	0.84 - 1.88	0.031
11	61.273 - 61.273	rs3741255	rs3741255	<i>DAGLA,MYRF</i>	1.54	1.04 - 2.28	0.031
2	110.242 - 110.312	rs13403558	rs7572483	<i>NPH1</i>	1.52	1.03 - 2.21	0.032
11	74.539 - 74.591	rs12361540	rs17133815	<i>SLCO2B1</i>	1.55	1.04 - 2.31	0.032
6	41.852 - 41.852	rs3761781	rs3761781	<i>FRS3</i>	0.58	0.35 - 0.95	0.032
6	41.859 - 41.859	rs1342549	rs1342549	<i>PRICKLE4</i>	0.58	0.35 - 0.95	0.032
11	61.278 - 61.278	rs198464	rs198464	<i>DKFZP434K028</i>	1.54	1.04 - 2.28	0.032
11	61.290 - 61.306	rs198467	rs174534	<i>MYRF</i>	1.54	1.04 - 2.28	0.032
14	70.263 - 70.344	rs7156271	rs11158882	<i>MAP3K9</i>	0.59	0.37 - 0.96	0.032
2	110.323 - 110.323	rs9326628	rs9326628	<i>NPH1,LINC00116</i>	1.52	1.04 - 2.22	0.032
2	110.330 - 110.337	rs11240795	rs7575835	<i>LINC00116</i>	1.52	1.04 - 2.22	0.032
2	111.142 - 111.143	rs11900983	rs10203271	<i>BUB1</i>	1.52	1.04 - 2.22	0.032
2	111.163 - 111.194	rs10204694	rs13426054	<i>BUB1,ACOXL</i>	1.52	1.04 - 2.22	0.032
6	44.529 - 44.900	rs9381325	rs9395049	<i>CDC5L,SUPT3H</i>	0.58	0.36 - 0.96	0.032

14	70.220 - 70.256	rs4899366	rs11158880	<i>TTC9,MAP3K9</i>	0.59	0.37 - 0.97	0.032
11	59.242 - 59.261	rs7108731	rs1938955	<i>OR10V1,OR10V2P</i>	1.53	1.04 - 2.27	0.032
11	59.272 - 59.272	rs536544	rs579373	<i>OR10V2P</i>	1.53	1.04 - 2.27	0.032
11	59.282 - 59.326	rs529270	rs482356	<i>STX3</i>	1.53	1.04 - 2.27	0.032
7	23.282 - 23.301	rs156408	rs464336	<i>GPNMB,MALSUI</i>	1.53	1.04 - 2.26	0.032
7	23.314 - 23.314	rs156409	rs156409	<i>MALSUI</i>	1.53	1.04 - 2.26	0.032
7	23.315 - 23.315	rs156410	rs156410	<i>IGF2BP3,MALSUI</i>	1.53	1.04 - 2.26	0.032
7	23.324 - 23.470	rs156413	rs10950947	<i>IGF2BP3</i>	1.53	1.04 - 2.26	0.032
11	74.484 - 74.538	rs11236328	rs4944991	<i>OR2AT4,SLCO2B1</i>	1.55	1.02 - 2.27	0.032
11	61.681 - 61.705	rs11230938	rs11230959	<i>INCENP,SCGB1D1</i>	1.54	1.04 - 2.28	0.032
11	61.713 - 61.713	rs2232932	rs2232932	<i>SCGB1D1</i>	1.54	1.04 - 2.28	0.032
6	31.548 - 31.548	rs3828886	rs3828886	<i>HCG26</i>	0.59	0.36 - 0.96	0.032
6	31.556 - 31.565	rs2248617	rs9267280	<i>HCG26,MICB</i>	0.59	0.36 - 0.96	0.032
6	31.573 - 31.573	rs3094005	rs2534674	<i>MICB</i>	0.59	0.36 - 0.96	0.032
6	31.589 - 31.602	rs3132458	rs2734573	<i>MICB,MCCD1</i>	0.59	0.36 - 0.96	0.032
6	31.605 - 31.605	rs3115537	rs3115537	<i>MCCD1</i>	0.59	0.36 - 0.96	0.032
6	31.606 - 31.621	rs3093978	rs2523503	<i>ATP6V1G2-DDX39B</i>	0.59	0.36 - 0.96	0.032
5	174.116 - 174.274	rs10052887	rs2434195	<i>MIR4634,FLJ16171</i>	1.54	1 - 2.23	0.032
20	613.551 - 679.211	rs4815889	rs4815939	<i>SCRT2,SLC52A3</i>	0.58	0.36 - 0.98	0.032
7	36.858 - 37.453	rs2241152	rs6952260	<i>ELMO1</i>	1.58	0.95 - 2.25	0.032
14	70.354 - 70.435	rs7153775	rs2010061	<i>MAP3K9,PCNX</i>	0.59	0.37 - 0.96	0.032
6	31.434 - 31.470	rs2523591	rs2523467	<i>HLA-B,MICA</i>	0.59	0.41 - 1.06	0.033
11	61.649 - 61.675	rs11230916	rs2254470	<i>INCENP</i>	1.54	1.04 - 2.28	0.033
7	23.545 - 23.584	rs10249385	rs798645	<i>TRA2A,CLK2P</i>	1.53	1.04 - 2.25	0.033
5	174.278 - 174.354	rs30943	rs17064229	<i>FLJ16171</i>	1.54	1.04 - 2.29	0.033
6	31.526 - 31.537	rs2523693	rs3094228	<i>MICA,HCP5</i>	0.59	0.36 - 0.96	0.033
6	31.543 - 31.545	rs2516518	rs2395031	<i>HCP5,HCG26</i>	0.59	0.36 - 0.96	0.033
7	23.209 - 23.237	rs858304	rs4719731	<i>NUPL2,GPNMB</i>	1.53	1.03 - 2.24	0.033
20	16.657 - 16.670	rs3761295	rs3171297	<i>SNRPB2</i>	0.58	0.35 - 0.96	0.033
20	16.672 - 16.674	rs4813245	rs6111267	<i>SNRPB2,OTOR</i>	0.58	0.35 - 0.96	0.033
20	16.676 - 16.677	rs3761294	rs6080387	<i>OTOR</i>	0.58	0.35 - 0.96	0.033
7	23.490 - 23.490	rs10950950	rs10950951	<i>IGF2BP3,RPS2P32</i>	1.53	1.04 - 2.25	0.033
7	23.533 - 23.533	rs10499565	rs10499565	<i>TRA2A</i>	1.53	1.04 - 2.25	0.033
20	15.988 - 16.199	rs6043705	rs6043844	<i>MACROD2,KIF16B</i>	0.58	0.35 - 0.97	0.033
6	76.686 - 76.830	rs6453848	rs2153704	<i>IMPG1</i>	0.58	0.38 - 1.02	0.033
11	46.260 - 46.289	rs11038851	rs4625425	<i>CREB3L1</i>	1.53	1.04 - 2.25	0.033
11	73.846 - 73.852	rs2270676	rs11602340	<i>KCNE3</i>	1.54	0.99 - 2.2	0.033
11	61.320 - 61.320	rs4246215	rs4246215	<i>FEN1</i>	1.53	1.04 - 2.27	0.033
11	61.327 - 61.327	rs174548	rs174549	<i>FADS1</i>	1.53	1.04 - 2.27	0.033
11	61.361 - 61.385	rs174577	rs174618	<i>FADS2</i>	1.53	1.04 - 2.27	0.033
7	38.916 - 38.970	rs7780625	rs1229041	<i>VPS41,POU6F2</i>	1.56	1.03 - 2.35	0.033
11	46.379 - 46.527	rs12574668	rs7925678	<i>AMBRA1</i>	1.53	1.03 - 2.25	0.033
11	46.621 - 46.648	rs12278517	rs4606447	<i>ATG13</i>	1.53	1.03 - 2.25	0.033
11	59.104 - 59.138	rs12282585	rs12289921	<i>OSBP</i>	1.53	1.03 - 2.26	0.033
11	59.164 - 59.186	rs41340150	rs11821465	<i>PATL1</i>	1.53	1.03 - 2.26	0.033
11	59.198 - 59.225	rs12293459	rs523932	<i>PATL1,OR10V1</i>	1.53	1.03 - 2.26	0.033
11	59.236 - 59.237	rs2927185	rs537595	<i>OR10V1</i>	1.53	1.03 - 2.26	0.033
18	8.706 - 8.820	rs2160912	rs7235093	<i>SOGA2</i>	1.52	0.98 - 2.16	0.033
15	39.662 - 39.737	rs8043421	rs17677098	<i>TYRO3,MGA</i>	0.59	0.38 - 0.99	0.033
15	39.745 - 39.836	rs4923907	rs12591285	<i>MGA</i>	0.59	0.37 - 0.96	0.033
15	39.852 - 39.852	rs1918310	rs2925337	<i>MGA,MAPKBPI</i>	0.59	0.37 - 0.96	0.033
15	39.859 - 39.889	rs1106934	rs12440605	<i>MAPKBPI</i>	0.59	0.37 - 0.96	0.033
15	39.909 - 39.916	rs1206842	rs7166139	<i>JMJD7,JMJD7-PLA2G4B</i>	0.59	0.37 - 0.96	0.033
14	70.462 - 70.644	rs17108711	rs7155247	<i>PCNX</i>	0.59	0.37 - 0.96	0.033
11	46.327 - 46.353	rs876701	rs2046768	<i>DGKZ</i>	1.53	1.03 - 2.25	0.033
11	46.363 - 46.363	rs2229163	rs2229163	<i>CHRM4</i>	1.53	1.03 - 2.25	0.033

11	59.004 - 59.015	rs34288506	rs17153833	<i>OR4D10,OR4D11</i>	1.53	1.03 - 2.26	0.034
5	3.591 - 3.643	rs710974	rs10474771	<i>LINC01019,IRX1</i>	1.56	1.03 - 2.34	0.034
6	91.081 - 91.277	rs927297	rs711264	<i>MIR4464,MAP3K7</i>	0.57	0.37 - 0.99	0.034
11	59.351 - 59.351	rs7123969	rs7123969	<i>MRPL16,GIF</i>	1.53	1.03 - 2.26	0.034
11	59.373 - 59.373	rs4620739	rs4620739	<i>GIF,TCNI</i>	1.53	1.03 - 2.26	0.034
11	59.376 - 59.390	rs17154234	rs526934	<i>TCNI</i>	1.53	1.03 - 2.26	0.034
4	139.451 - 139.565	rs11729230	rs1346213	<i>LINC00499</i>	0.58	0.35 - 0.96	0.034
11	58.980 - 58.981	rs7943953	rs1453541	<i>OR4D6</i>	1.53	1.03 - 2.26	0.034
11	58.986 - 58.999	rs7943256	rs7108052	<i>OR4D6,OR4D10</i>	1.53	1.03 - 2.26	0.034
11	58.658 - 58.662	rs17153381	rs12221768	<i>AP001258.4</i>	1.53	1.03 - 2.26	0.034
11	58.668 - 58.672	rs1938590	rs7933787	<i>FAM111A</i>	1.53	1.03 - 2.26	0.034
11	58.682 - 58.682	rs17153415	rs17153415	<i>FAM111A,DTX4</i>	1.53	1.03 - 2.26	0.034
11	58.700 - 58.728	rs7934971	rs10501377	<i>DTX4</i>	1.53	1.03 - 2.26	0.034
11	58.733 - 58.737	rs3847	rs6591509	<i>MPEG1</i>	1.53	1.03 - 2.26	0.034
11	58.738 - 58.886	rs2000875	rs11229933	<i>MPEG1,OR5AN1</i>	1.53	1.03 - 2.26	0.034
11	58.890 - 58.940	rs881833	rs1879929	<i>OR5AN1,OR5A2</i>	1.53	1.03 - 2.26	0.034
11	58.947 - 58.947	rs17584022	rs2198452	<i>OR5A2</i>	1.53	1.03 - 2.26	0.034
11	58.950 - 58.950	rs1453551	rs1453551	<i>OR5A2,OR5A1</i>	1.53	1.03 - 2.26	0.034
11	58.977 - 58.979	rs11229957	rs1453545	<i>OR5A1,OR4D6</i>	1.53	1.03 - 2.26	0.034
5	3.653 - 3.653	rs844154	rs844154	<i>IRX1</i>	1.56	1.04 - 2.36	0.034
7	38.731 - 38.909	rs11773094	rs917322	<i>VPS41</i>	1.56	0.99 - 2.26	0.034
11	46.680 - 46.680	rs10769205	rs10769205	<i>ZNF408</i>	1.52	1.03 - 2.25	0.034
11	46.685 - 46.685	rs7117182	rs7117182	<i>ZNF408,F2</i>	1.52	1.03 - 2.25	0.034
11	46.701 - 46.718	rs2070852	rs3136519	<i>F2</i>	1.52	1.03 - 2.25	0.034
11	46.763 - 46.805	rs11822959	rs1007738	<i>CKAP5</i>	1.52	1.03 - 2.25	0.034
2	109.753 - 109.816	rs1434167	rs951954	<i>SOWAHC,RGPD6</i>	1.51	1.03 - 2.19	0.034
2	110.182 - 110.182	rs17162100	rs17162100	<i>LINC01123,MIR4267</i>	1.51	1.03 - 2.21	0.034
2	110.218 - 110.220	rs2165055	rs737182	<i>MALL</i>	1.51	1.03 - 2.21	0.034
2	110.234 - 110.234	rs2118828	rs2118828	<i>MALL,NPHPI</i>	1.51	1.03 - 2.21	0.034
9	19.444 - 19.485	rs7045369	rs9792414	<i>ACER2,SLC24A2</i>	1.54	1.03 - 2.28	0.034
5	3.549 - 3.549	rs10454926	rs10454926	<i>LOC102467075</i>	1.56	1.03 - 2.34	0.034
5	3.554 - 3.556	rs13169644	rs4866578	<i>LINC01019,LOC10246707</i>	1.56	1.03 - 2.34	0.034
18	66.470 - 67.325	rs9954242	rs586145	<i>GTSCR1,RP11-510D19.1</i>	1.60	1 - 2.37	0.034
5	174.840 - 174.889	rs2940478	rs267399	<i>SFXN1</i>	1.54	1.03 - 2.27	0.034
9	16.249 - 16.394	rs10756747	rs7039760	<i>C9orf92,BNC2</i>	1.53	0.95 - 2.09	0.034
14	70.656 - 70.907	rs17093738	rs41220	<i>PCNX,SNORD56B</i>	0.60	0.37 - 0.96	0.034
11	61.396 - 61.412	rs7482316	rs174456	<i>FADS3</i>	1.53	1.03 - 2.26	0.034
11	61.442 - 61.442	rs2521561	rs2521561	<i>RAB3IL1</i>	1.53	1.03 - 2.26	0.034
21	14.938 - 15.245	rs458104	rs10482862	<i>LOC388813,NRIP1</i>	1.56	0.9 - 2.1	0.034
21	15.265 - 15.357	rs13050325	rs9982976	<i>NRIP1</i>	1.56	1.03 - 2.37	0.034
11	76.251 - 76.411	rs7927658	rs2826	<i>ACER3</i>	1.52	1.03 - 2.24	0.034
4	139.570 - 140.129	rs10519465	rs6535824	<i>LINC00499,CCRN4L</i>	0.58	0.35 - 0.96	0.035
11	59.032 - 59.032	rs7942872	rs7942872	<i>OR4D11,OR4D9</i>	1.53	1.03 - 2.26	0.035
6	50.927 - 51.577	rs9473920	rs1108203	<i>TFAP2B,PKHD1</i>	0.59	0.42 - 1.08	0.035
21	16.182 - 16.360	rs16990799	rs2823592	<i>USP25,C21orf35</i>	1.55	1.03 - 2.34	0.035
11	75.943 - 76.042	rs2155220	rs1892952	<i>C11orf30,LRRC32</i>	1.52	1.03 - 2.24	0.035
14	91.407 - 91.479	rs2430340	rs10135192	<i>FBLN5</i>	0.60	0.38 - 0.98	0.035
6	43.850 - 43.853	rs833070	rs3024997	<i>VEGFA</i>	0.58	0.36 - 0.97	0.035
1	232.109 - 232.527	rs10797501	rs12122244	<i>SLC35F3</i>	0.58	0.39 - 1.06	0.035
20	17.544 - 17.600	rs1132274	rs3790307	<i>RRBP1</i>	0.58	0.35 - 0.97	0.035
11	75.540 - 75.570	rs625232	rs647159	<i>UVRAG,WNT11</i>	1.53	1.03 - 2.28	0.036
20	17.615 - 17.617	rs7272098	rs7268801	<i>RRBP1,BANF2</i>	0.58	0.35 - 0.96	0.036
20	17.623 - 17.664	rs6111616	rs913457	<i>BANF2</i>	0.58	0.35 - 0.96	0.036
6	44.464 - 44.513	rs9462985	rs559035	<i>CDC5L</i>	0.59	0.36 - 0.97	0.036
4	138.685 - 139.166	rs13140985	rs1949499	<i>PCDH18,LINC00616</i>	0.58	0.35 - 0.98	0.036
20	17.415 - 17.419	rs6131964	rs1076688	<i>PCSK2,BFSP1</i>	0.58	0.35 - 0.96	0.036

20	17.421 - 17.471	rs4814623	rs201930	<i>BFSP1</i>	0.58	0.35 - 0.96	0.036
5	174.809 - 174.833	rs6878159	rs6861032	<i>DRD1,SFXN1</i>	1.53	1.03 - 2.27	0.036
11	46.832 - 46.851	rs6485700	rs11039014	<i>LRP4-ASI</i>	1.52	1.03 - 2.24	0.036
6	44.393 - 44.414	rs2396242	rs9472252	<i>AARS2,SPATS1</i>	0.59	0.36 - 0.97	0.036
4	139.393 - 139.442	rs2056003	rs6537323	<i>SLC7A11,LINC00499</i>	0.58	0.35 - 0.97	0.036
6	52.219 - 52.234	rs761167	rs742552	<i>IL17F,MCM3</i>	0.59	0.36 - 0.97	0.036
6	52.240 - 52.250	rs9463776	rs2307325	<i>MCM3</i>	0.59	0.36 - 0.97	0.036
7	34.352 - 34.838	rs1419805	rs17170015	<i>NPSRI-ASI</i>	1.54	1 - 2.27	0.036
7	34.844 - 34.866	rs17200455	rs10238983	<i>NPSRI</i>	1.54	1.03 - 2.32	0.036
7	34.909 - 34.911	rs4723388	rs10259097	<i>NPSRI,DPY19L1</i>	1.54	1.03 - 2.32	0.036
7	34.944 - 35.042	rs1649212	rs329271	<i>DPY19L1</i>	1.54	1.03 - 2.32	0.036
9	109.138 - 109.283	rs817840	rs7024696	<i>RAD23B,KLF4</i>	0.59	0.36 - 0.97	0.036
20	13.579 - 13.640	rs6042275	rs6079143	<i>TASPI,ESF1</i>	0.58	0.35 - 0.97	0.036
2	107.972 - 107.995	rs6542746	rs2046510	<i>SLC5A7</i>	1.50	0.97 - 2.08	0.036
14	70.185 - 70.212	rs10130321	rs4902838	<i>TTC9</i>	0.60	0.37 - 0.97	0.036
11	76.045 - 76.055	rs4944114	rs6592657	<i>LRRC32</i>	1.52	1.03 - 2.24	0.036
6	52.274 - 52.332	rs9370111	rs9370112	<i>MCM3,PAQR8</i>	0.59	0.36 - 0.97	0.036
9	16.402 - 16.854	rs16934619	rs1339549	<i>BNC2</i>	1.53	1.02 - 2.24	0.036
4	139.319 - 139.383	rs4479754	rs4343770	<i>SLC7A11</i>	0.58	0.35 - 0.97	0.036
11	76.065 - 76.065	rs7342189	rs7342189	<i>LRRC32,GUCY2EP</i>	1.52	1.03 - 2.24	0.036
11	76.073 - 76.111	rs731644	rs1941600	<i>GUCY2EP</i>	1.52	1.03 - 2.24	0.036
11	47.162 - 47.162	rs7937410	rs7937410	<i>PACSN3</i>	1.51	1.03 - 2.23	0.036
11	47.182 - 47.188	rs17197710	rs4567413	<i>PACSN3,DDB2</i>	1.51	1.03 - 2.23	0.036
11	47.200 - 47.216	rs1685404	rs901746	<i>DDB2</i>	1.51	1.03 - 2.23	0.036
9	19.400 - 19.442	rs10120306	rs7022373	<i>ACER2</i>	1.53	1.02 - 2.26	0.036
7	24.810 - 24.981	rs2285651	rs2522236	<i>OSBPL3</i>	1.52	1.03 - 2.25	0.036
20	17.504 - 17.533	rs6034857	rs2273617	<i>DSTN</i>	0.58	0.35 - 0.97	0.036
20	1.588 - 1.696	rs10211807	rs202490	<i>SIRPG,LOC100289473</i>	0.59	0.37 - 0.99	0.036
2	109.659 - 109.659	rs11541143	rs11541143	<i>SEPT10</i>	1.50	1.03 - 2.19	0.037
7	24.774 - 24.793	rs6955515	rs17150155	<i>DFNA5,OSBPL3</i>	1.52	1.03 - 2.25	0.037
11	47.226 - 47.226	rs7118396	rs7118396	<i>ACP2,NRIH3</i>	1.51	1.03 - 2.23	0.037
11	47.229 - 47.243	rs12575157	rs326213	<i>NRIH3</i>	1.51	1.03 - 2.23	0.037
11	47.251 - 47.263	rs10501321	rs1051006	<i>MADD</i>	1.51	1.03 - 2.23	0.037
11	47.311 - 47.319	rs1052373	rs10838696	<i>MYBPC3</i>	1.51	1.03 - 2.23	0.037
11	47.349 - 47.350	rs11039212	rs11039213	<i>SPII</i>	1.51	1.03 - 2.23	0.037
11	47.360 - 47.385	rs11828339	rs4752999	<i>SPII,SLC39A13</i>	1.51	1.03 - 2.23	0.037
11	47.405 - 47.411	rs12292911	rs10742805	<i>PSMC3,RAPSN</i>	1.51	1.03 - 2.23	0.037
11	47.453 - 47.453	rs7102372	rs7102372	<i>CELF1</i>	1.51	1.03 - 2.23	0.037
11	47.558 - 47.562	rs908597	rs4147730	<i>NDUFS3</i>	1.51	1.03 - 2.23	0.037
11	47.581 - 47.585	rs12419692	rs4752786	<i>C1QTNF4,MTCH2</i>	1.51	1.03 - 2.23	0.037
11	47.604 - 47.607	rs4752856	rs3817334	<i>MTCH2</i>	1.51	1.03 - 2.23	0.037
11	47.629 - 47.629	rs10838739	rs10838739	<i>MTCH2,AGBL2</i>	1.51	1.03 - 2.23	0.037
11	47.641 - 47.692	rs11039329	rs4752863	<i>AGBL2</i>	1.51	1.03 - 2.23	0.037
11	47.709 - 47.730	rs17788930	rs6485775	<i>FNBP4</i>	1.51	1.03 - 2.23	0.037
11	47.799 - 47.813	rs16938631	rs2305982	<i>NUPI60</i>	1.51	1.03 - 2.23	0.037
20	1.099 - 1.107	rs6040275	rs6033024	<i>PSMF1,TMEM74B</i>	0.59	0.36 - 0.97	0.037
2	109.622 - 109.647	rs9330310	rs9330321	<i>SH3RF3,SEPT10</i>	1.50	1.02 - 2.19	0.037
11	46.853 - 46.853	rs4752946	rs4752946	<i>LRP4</i>	1.51	1.03 - 2.23	0.037
11	46.915 - 47.132	rs11600292	rs747650	<i>C11orf49</i>	1.51	1.03 - 2.23	0.037
7	24.704 - 24.762	rs17149888	rs1476520	<i>DFNA5</i>	1.52	1.03 - 2.25	0.037
6	44.453 - 44.461	rs9395010	rs4711781	<i>SPATS1,CDC5L</i>	0.59	0.36 - 0.97	0.037
11	75.754 - 75.757	rs3824908	rs10736804	<i>PRKRIR</i>	1.51	1.03 - 2.24	0.037
11	75.771 - 75.793	rs3758780	rs12289955	<i>LOC100506127</i>	1.51	1.03 - 2.24	0.037
11	75.801 - 75.817	rs949150	rs17134872	<i>LOC100506127,C11orf30</i>	1.51	1.03 - 2.24	0.037
11	75.841 - 75.934	rs10793169	rs3753051	<i>C11orf30</i>	1.51	1.03 - 2.24	0.037
7	24.989 - 25.115	rs2214333	rs17150941	<i>OSBPL3,CYCS</i>	1.52	0.98 - 2.17	0.037

6	52.061 - 52.112	rs6906409	rs17640030	<i>PKHD1,MIR206</i>	0.59	0.36 - 0.97	0.037
7	23.591 - 23.591	rs227932	rs227932	<i>CLK2P</i>	1.51	1.03 - 2.23	0.037
7	23.596 - 23.596	rs116981	rs116981	<i>CLK2P,CCDC126</i>	1.51	1.03 - 2.23	0.037
7	23.615 - 23.619	rs12700451	rs13227748	<i>CCDC126</i>	1.51	1.03 - 2.23	0.037
7	23.655 - 23.682	rs17148239	rs993179	<i>CCDC126,FAM221A</i>	1.51	1.03 - 2.23	0.037
7	23.706 - 23.706	rs6968174	rs6968174	<i>FAM221A</i>	1.51	1.03 - 2.23	0.037
7	23.711 - 23.712	rs10261856	rs4722255	<i>FAM221A,STK31</i>	1.51	1.03 - 2.23	0.037
20	1.712 - 1.818	rs200886	rs6136322	<i>LOC100289473,SIRPA</i>	0.59	0.37 - 0.97	0.037
6	44.374 - 44.389	rs1123523	rs9349279	<i>AARS2</i>	0.59	0.36 - 0.97	0.037
4	139.246 - 139.246	rs17300453	rs17300453	<i>LINC00616,SLC7A11-AS1</i>	0.58	0.35 - 0.97	0.037
4	139.286 - 139.316	rs6537156	rs11728401	<i>SLC7A11-AS1</i>	0.58	0.35 - 0.97	0.037
4	139.179 - 139.238	rs1607529	rs1982203	<i>LINC00616</i>	0.58	0.35 - 0.97	0.037
6	44.432 - 44.449	rs10948134	rs6918742	<i>SPATS1</i>	0.59	0.36 - 0.97	0.037
7	24.583 - 24.686	rs2711093	rs17149856	<i>MPP6</i>	1.52	1.03 - 2.25	0.037
7	24.702 - 24.702	rs2721777	rs2721777	<i>MPP6,DFNA5</i>	1.52	1.03 - 2.25	0.037
6	52.166 - 52.203	rs13200839	rs1266818	<i>IL17A,IL17F</i>	0.59	0.36 - 0.97	0.037
6	52.208 - 52.217	rs508388	rs597506	<i>IL17F</i>	0.59	0.36 - 0.97	0.037
6	52.126 - 52.148	rs7748923	rs6458819	<i>MIR133B,IL17A</i>	0.59	0.36 - 0.97	0.037
6	52.158 - 52.158	rs4711998	rs3819024	<i>IL17A</i>	0.59	0.36 - 0.97	0.037
9	19.499 - 19.776	rs4977544	rs1536517	<i>SLC24A2</i>	1.53	0.99 - 2.2	0.037
6	52.117 - 52.117	rs16882133	rs16882133	<i>MIR206</i>	0.59	0.36 - 0.97	0.037
6	52.119 - 52.119	rs10484882	rs10484882	<i>MIR206,MIR133B</i>	0.59	0.36 - 0.97	0.037
6	52.122 - 52.122	rs16882137	rs16882137	<i>MIR133B</i>	0.59	0.36 - 0.97	0.037
7	35.177 - 35.188	rs10282424	rs10247437	<i>DPY19L2P1</i>	1.54	1.03 - 2.31	0.037
7	37.457 - 37.735	rs6950074	rs2709101	<i>ELMO1,GPRI41</i>	1.56	0.98 - 2.28	0.037
11	77.529 - 77.555	rs631244	rs230667	<i>KCTD21-AS1</i>	1.51	1.02 - 2.21	0.037
11	77.568 - 77.570	rs669010	rs533623	<i>KCTD21</i>	1.51	1.02 - 2.22	0.037
21	34.202 - 34.207	rs2834295	rs2834300	<i>ATP5O</i>	1.54	1.02 - 2.29	0.037
7	35.047 - 35.082	rs329277	rs17205723	<i>DPY19L1,DPY19L2P1</i>	1.54	1.03 - 2.31	0.037
14	70.120 - 70.130	rs11158867	rs6420902	<i>MED6</i>	0.60	0.37 - 0.97	0.038
14	70.142 - 70.144	rs17108280	rs8021911	<i>MED6,LOC101928075</i>	0.60	0.37 - 0.97	0.038
14	70.145 - 70.175	rs12435305	rs12590668	<i>LOC101928075</i>	0.60	0.37 - 0.97	0.038
21	40.307 - 41.141	rs11911721	rs1983527	<i>DSCAM</i>	1.53	1.03 - 2.28	0.038
21	34.233 - 34.264	rs17655810	rs16991107	<i>LINC00649</i>	1.54	1.02 - 2.31	0.038
7	23.187 - 23.207	rs858249	rs858234	<i>NUPL2</i>	1.51	1.02 - 2.23	0.038
11	76.417 - 76.417	rs949339	rs949339	<i>ACER3,B3GNT6</i>	1.51	1.02 - 2.22	0.038
11	76.425 - 76.429	rs7103667	rs7950506	<i>B3GNT6</i>	1.51	1.02 - 2.22	0.038
9	19.224 - 19.362	rs1329731	rs1129101	<i>DENND4C</i>	1.53	1.02 - 2.27	0.038
9	19.369 - 19.369	rs957	rs957	<i>RPS6</i>	1.53	1.02 - 2.27	0.038
9	19.373 - 19.393	rs12003358	rs4418423	<i>RPS6,ACER2</i>	1.53	1.02 - 2.27	0.038
21	34.211 - 34.211	rs2834301	rs2834301	<i>ATP5O,LINC00649</i>	1.54	1.02 - 2.31	0.038
9	19.135 - 19.214	rs4977499	rs7048591	<i>PLIN2,DENND4C</i>	1.53	0.98 - 2.18	0.038
18	68.355 - 68.358	rs2298726	rs658995	<i>CBLN2</i>	1.54	1.02 - 2.31	0.038
20	1.110 - 1.112	rs8119636	rs6033035	<i>TMEM74B</i>	0.60	0.37 - 0.97	0.038
7	13.904 - 13.987	rs10239009	rs4721290	<i>ETV1</i>	1.52	1.02 - 2.25	0.038
7	14.000 - 14.141	rs17167731	rs17167917	<i>ETV1,DGKB</i>	1.52	1.02 - 2.25	0.038
7	23.721 - 23.822	rs1559012	rs4722278	<i>STK31</i>	1.51	1.02 - 2.22	0.038
9	108.817 - 109.082	rs7040608	rs10816481	<i>ZNF462,RAD23B</i>	0.59	0.39 - 1.03	0.038
9	109.089 - 109.125	rs7035611	rs11573711	<i>RAD23B</i>	0.59	0.36 - 0.97	0.038
11	77.580 - 77.580	rs3102743	rs3102743	<i>USP35</i>	1.51	1.02 - 2.22	0.038
20	1.707 - 1.707	rs6135962	rs6135962	<i>LOC100289473</i>	0.60	0.37 - 0.97	0.038
11	48.156 - 48.190	rs2047815	rs10742841	<i>PTPRJ,OR4B1</i>	1.50	1.01 - 2.19	0.038
7	36.461 - 36.514	rs1362272	rs2392446	<i>ANLN,AOAH</i>	1.56	1.02 - 2.37	0.039
5	5.200 - 5.370	rs1816235	rs2964478	<i>ADAMTS16</i>	1.54	1.01 - 2.27	0.039
9	26.894 - 26.936	rs16910873	rs7039400	<i>PLAA</i>	1.50	0.98 - 2.14	0.039
9	26.962 - 27.040	rs10967634	rs1413824	<i>IFT74</i>	1.50	1.02 - 2.21	0.039

4	184.670 - 184.794	rs4861558	rs6845128	<i>ING2,RWDD4</i>	1.53	1.02 - 2.29	0.039
7	29.019 - 29.149	rs1403405	rs10486606	<i>CPVL</i>	1.54	1 - 2.26	0.039
18	67.399 - 68.353	rs8085527	rs17086153	<i>RP11-510D19.1,CBLN2</i>	1.54	1.01 - 2.36	0.039
11	76.436 - 76.453	rs4944137	rs1944032	<i>B3GNT6,CAPN5</i>	1.51	1.02 - 2.22	0.039
11	76.470 - 76.515	rs7926553	rs10899353	<i>CAPN5</i>	1.51	1.02 - 2.22	0.039
11	48.194 - 48.194	rs1875697	rs1566737	<i>OR4B1</i>	1.50	1.02 - 2.21	0.039
5	5.389 - 5.472	rs7736623	rs755060	<i>ADAMTS16,KIAA0947</i>	1.53	1.02 - 2.3	0.039
21	16.915 - 17.727	rs2823911	rs1689155	<i>C21orf35,C21orf37</i>	1.54	0.97 - 2.2	0.039
4	184.613 - 184.636	rs6816216	rs4862210	<i>CDKN2AIP,RP11-367N14.</i>	1.53	1.02 - 2.29	0.039
14	70.023 - 70.052	rs1953798	rs17108197	<i>ADAM20P1,ADAM20</i>	0.60	0.4 - 1.02	0.039
14	70.058 - 70.070	rs17108201	rs12590471	<i>ADAM20</i>	0.60	0.37 - 0.98	0.039
11	74.401 - 74.474	rs639768	rs12292266	<i>NEU3,OR2AT4</i>	1.52	1.02 - 2.27	0.039
14	91.496 - 91.502	rs4904828	rs11846315	<i>FBLN5,TRIP11</i>	0.61	0.38 - 0.98	0.039
11	77.502 - 77.523	rs665278	rs670735	<i>ALG8</i>	1.50	1.02 - 2.21	0.039
11	77.447 - 77.502	rs632663	rs10899440	<i>RNU6-83P</i>	1.50	1.02 - 2.21	0.039
9	27.056 - 27.090	rs17694631	rs2991949	<i>IFT74,TEK</i>	1.50	1.02 - 2.21	0.039
9	27.104 - 27.220	rs681182	rs9886732	<i>TEK</i>	1.50	1.02 - 2.21	0.039
11	49.151 - 49.155	rs202718	rs202712	<i>FOLH1</i>	1.50	1.02 - 2.21	0.039
11	74.231 - 74.333	rs517666	rs614832	<i>XRRAI</i>	1.52	1.02 - 2.26	0.039
11	74.367 - 74.367	rs537054	rs537054	<i>SPCS2</i>	1.52	1.02 - 2.27	0.039
11	74.382 - 74.391	rs12290239	rs12577127	<i>NEU3</i>	1.52	1.02 - 2.27	0.039
9	107.623 - 108.394	rs10978293	rs1491100	<i>TMEM38B,MIR8081</i>	0.60	0.4 - 1.04	0.039
14	71.006 - 71.010	rs4902934	rs36528	<i>SNORD56B,LOC145474</i>	0.61	0.37 - 0.98	0.040
14	71.033 - 71.034	rs4464023	rs4899396	<i>LOC145474,SIPAIL1</i>	0.61	0.37 - 0.98	0.040
21	38.958 - 39.026	rs8130434	rs2836652	<i>ERG,LINC00114</i>	1.52	1.02 - 2.27	0.040
4	184.652 - 184.652	rs6850330	rs11723316	<i>RP11-367N14.2</i>	1.53	1.02 - 2.29	0.040
14	70.081 - 70.081	rs10873239	rs10873239	<i>ADAM20,MED6</i>	0.61	0.38 - 0.98	0.040
11	62.075 - 62.081	rs17773169	rs7930896	<i>AHNAK,EEFIG</i>	1.51	1.02 - 2.24	0.040
11	62.084 - 62.084	rs11231144	rs11231144	<i>EEFIG</i>	1.51	1.02 - 2.24	0.040
11	62.151 - 62.151	rs7949030	rs7949030	<i>GANAB</i>	1.51	1.02 - 2.24	0.040
11	62.205 - 62.205	rs537602	rs537602	<i>UBXN1,LRRN4CL</i>	1.51	1.02 - 2.24	0.040
11	48.337 - 48.439	rs7948222	rs1945180	<i>OR4C45,OR4A47</i>	1.50	1.02 - 2.21	0.040
11	48.475 - 48.995	rs7395662	rs7112529	<i>OR4A47,TRIM49B</i>	1.50	1.02 - 2.21	0.040
11	49.024 - 49.024	rs10839217	rs10839217	<i>TRIM49B,TRIM64C</i>	1.50	1.02 - 2.21	0.040
11	49.068 - 49.123	rs2696935	rs6485965	<i>TRIM64C,FOLH1</i>	1.50	1.02 - 2.21	0.040
1	232.592 - 232.592	rs6669190	rs6669190	<i>COA6,TARBP1</i>	0.58	0.35 - 0.98	0.040
1	232.596 - 232.679	rs1802871	rs544470	<i>TARBP1</i>	0.58	0.35 - 0.98	0.040
7	37.745 - 37.745	rs2718038	rs2718038	<i>GPR141</i>	1.55	1.02 - 2.36	0.040
20	979.5 - 979.5	rs4814683	rs4814683	<i>NONE,DEFB125</i>	0.59	0.36 - 0.98	0.040
20	232.54 - 232.54	rs892665	rs892665	<i>DEFB125</i>	0.59	0.36 - 0.98	0.040
20	414.99 - 699.76	rs6051856	rs6038405	<i>DEFB125,DEFB126</i>	0.59	0.36 - 0.98	0.040
20	819.00 - 825.39	rs12625439	rs6086092	<i>DEFB126,DEFB127</i>	0.59	0.36 - 0.98	0.040
20	860.04 - 886.95	rs6055356	rs6086352	<i>DEFB127</i>	0.59	0.36 - 0.98	0.040
20	956.85 - 979.75	rs1858597	rs6077481	<i>DEFB127,DEFB128</i>	0.59	0.36 - 0.98	0.040
20	116.466 - 117.995	rs4813042	rs6040343	<i>DEFB128</i>	0.59	0.36 - 0.98	0.040
20	119.839 - 154.402	rs11905813	rs2164169	<i>DEFB128,DEFB129</i>	0.59	0.36 - 0.98	0.040
20	156.168 - 157.404	rs6110460	rs7274629	<i>DEFB129</i>	0.59	0.36 - 0.98	0.040
20	161.423 - 184.992	rs1342841	rs434609	<i>DEFB129,DEFB132</i>	0.59	0.36 - 0.98	0.040
20	189.396 - 189.396	rs412889	rs412889	<i>DEFB132</i>	0.59	0.36 - 0.98	0.040
20	203.240 - 217.690	rs13039523	rs926617	<i>C20orf96</i>	0.59	0.36 - 0.98	0.040
20	231.877 - 244.172	rs4815112	rs6049002	<i>ZCCHC3,RP5-1103G7.4</i>	0.59	0.36 - 0.98	0.040
20	251.936 - 252.086	rs6106888	rs6036816	<i>RP5-1103G7.4</i>	0.59	0.36 - 0.98	0.040
20	258.474 - 258.474	rs7345645	rs7345645	<i>SOX12</i>	0.59	0.36 - 0.98	0.040
20	261.237 - 274.016	rs13039973	rs6051353	<i>SOX12,NRSN2</i>	0.59	0.36 - 0.98	0.040
20	274.478 - 283.621	rs6115656	rs11906152	<i>NRSN2</i>	0.59	0.36 - 0.98	0.040
20	285.386 - 305.570	rs1074048	rs6051550	<i>NRSN2,TRIB3</i>	0.59	0.36 - 0.98	0.040

20	308.460 - 325.979	rs6037480	rs2295491	<i>TRIB3</i>	0.59	0.36 - 0.98	0.040
20	332.898 - 332.898	rs6084337	rs6084337	<i>TRIB3,RBCK1</i>	0.59	0.36 - 0.98	0.040
20	345.928 - 356.253	rs6115906	rs1040755	<i>RBCK1</i>	0.59	0.36 - 0.98	0.040
20	364.149 - 389.747	rs6695	rs157797	<i>TBC1D20</i>	0.59	0.36 - 0.98	0.040
20	398.704 - 404.717	rs157810	rs157806	<i>TBC1D20,CSNK2A1</i>	0.59	0.36 - 0.98	0.040
20	411.995 - 452.671	rs459710	rs205878	<i>CSNK2A1</i>	0.59	0.36 - 0.98	0.040
20	480.103 - 517.374	rs204663	rs4536720	<i>CSNK2A1,TCF15</i>	0.59	0.36 - 0.98	0.040
20	540.801 - 574.164	rs282168	rs6076869	<i>TCF15,SRXN1</i>	0.59	0.36 - 0.98	0.040
20	576.890 - 581.149	rs6053666	rs6116961	<i>SRXN1</i>	0.59	0.36 - 0.98	0.040
20	583.054 - 583.054	rs6107706	rs6107706	<i>SRXN1,SCRT2</i>	0.59	0.36 - 0.98	0.040
20	589.553 - 596.989	rs11907567	rs6053809	<i>SCRT2</i>	0.59	0.36 - 0.98	0.040
6	83.661 - 83.826	rs159049	rs2015720	<i>UBE3D</i>	0.60	0.36 - 0.98	0.040
11	48.198 - 48.216	rs4752917	rs10838842	<i>OR4B1,OR4X2</i>	1.50	1.02 - 2.21	0.040
11	48.225 - 48.225	rs12577190	rs12577190	<i>OR4X2</i>	1.50	1.02 - 2.21	0.040
11	48.234 - 48.236	rs877719	rs931770	<i>OR4X2,OR4X1</i>	1.50	1.02 - 2.21	0.040
11	48.242 - 48.242	rs713323	rs10838852	<i>OR4X1</i>	1.50	1.02 - 2.21	0.040
11	48.249 - 48.254	rs6485822	rs11039633	<i>OR4X1,OR4S1</i>	1.50	1.02 - 2.21	0.040
11	48.297 - 48.297	rs10839502	rs10839502	<i>OR4S1,OR4C3</i>	1.50	1.02 - 2.21	0.040
11	48.302 - 48.302	rs11039678	rs7949865	<i>OR4C3</i>	1.50	1.02 - 2.21	0.040
11	48.305 - 48.318	rs10769662	rs2904429	<i>OR4C3,OR4C45</i>	1.50	1.02 - 2.21	0.040
1	232.534 - 232.569	rs4128841	rs6693224	<i>SLC35F3,COA6</i>	0.58	0.35 - 0.98	0.040
1	232.576 - 232.579	rs4300255	rs10429824	<i>COA6</i>	0.58	0.35 - 0.98	0.040
7	36.101 - 36.106	rs12531986	rs2718007	<i>LOC101928618</i>	1.55	1.02 - 2.35	0.041
7	36.113 - 36.158	rs2700882	rs4302748	<i>LOC101928618,EEDP1</i>	1.55	1.02 - 2.35	0.041
1	229.750 - 230.242	rs17802224	rs9308481	<i>TSNAX-DISC1</i>	0.58	0.49 - 1.27	0.041
14	33.346 - 33.449	rs12590041	rs1680738	<i>NPAS3,EGLN3</i>	1.52	1.02 - 2.25	0.041
11	77.399 - 77.402	rs11826181	rs7930865	<i>INTS4,NDUFC2-KCTD14</i>	1.50	1.02 - 2.21	0.041
11	77.404 - 77.432	rs7931417	rs7107465	<i>KCTD14,NDUFC2-KCTD14</i>	1.50	1.02 - 2.21	0.041
21	34.810 - 34.907	rs7276552	rs915540	<i>RCAN1</i>	1.53	1.01 - 2.28	0.041
11	77.437 - 77.437	rs2888435	rs2888435	<i>NDUFC2-KCTD14</i>	1.50	1.02 - 2.21	0.041
4	137.070 - 138.634	rs6829747	rs9685021	<i>LINC00613,PCDH18</i>	0.59	0.5 - 1.27	0.041
7	37.751 - 37.845	rs2709118	rs2722269	<i>GPR141,NME8</i>	1.55	1.02 - 2.35	0.041
11	45.671 - 45.696	rs7117026	rs2666893	<i>MIR7154,LOC100507384</i>	1.51	1.02 - 2.24	0.041
7	37.856 - 37.906	rs2722372	rs2598117	<i>NME8</i>	1.55	1.02 - 2.35	0.041
10	82.273 - 82.285	rs11599251	rs11185932	<i>TSPAN14,SH2D4B</i>	1.51	1.02 - 2.23	0.042
10	82.289 - 82.396	rs7900957	rs12783710	<i>SH2D4B</i>	1.51	1.02 - 2.23	0.042
11	76.525 - 76.602	rs868829	rs948959	<i>MYO7A</i>	1.50	1.02 - 2.2	0.042
13	68.245 - 136.326	rs9529436	rs11154835	<i>MIR548H4</i>	0.61	0.38 - 0.98	0.042
7	36.403 - 36.457	rs1419985	rs3801303	<i>ANLN</i>	1.55	1.02 - 2.35	0.042
21	34.186 - 34.196	rs8133262	rs2834292	<i>ITSN1,ATP5O</i>	1.53	1.01 - 2.29	0.042
2	106.874 - 107.799	rs6709151	rs1659885	<i>ST6GAL2,RGPD4-AS1</i>	1.49	0.94 - 2.05	0.042
11	74.084 - 74.117	rs4539352	rs7947106	<i>CHRD12</i>	1.51	1.01 - 2.25	0.042
11	74.122 - 74.133	rs17133425	rs532952	<i>CHRD12,RNF169</i>	1.51	1.02 - 2.26	0.042
11	74.142 - 74.223	rs1549980	rs512780	<i>RNF169</i>	1.51	1.02 - 2.26	0.042
11	74.230 - 74.230	rs7104291	rs7104291	<i>RNF169,XRRA1</i>	1.51	1.02 - 2.26	0.042
13	66.711 - 68.239	rs9317658	rs1507197	<i>PCDH9,MIR548H4</i>	0.61	0.44 - 1.1	0.042
7	29.157 - 29.177	rs245889	rs4562212	<i>CPVL,CHN2</i>	1.53	1.02 - 2.29	0.042
9	108.405 - 108.406	rs10816400	rs16925653	<i>MIR8081,RP11-308N19.4</i>	0.60	0.37 - 0.98	0.042
9	108.426 - 108.482	rs2054979	rs2417752	<i>RP11-308N19.4</i>	0.60	0.37 - 0.98	0.042
9	108.486 - 108.654	rs16925721	rs16925880	<i>RP11-308N19.4,ZNF462</i>	0.60	0.37 - 0.98	0.042
21	39.645 - 39.670	rs4818027	rs2836995	<i>HMG1,WRB</i>	1.52	1.01 - 2.26	0.042
18	6.582 - 6.809	rs1893283	rs1367724	<i>C18orf64,ARHGAP28</i>	1.55	0.95 - 2.22	0.042
7	36.336 - 36.391	rs196657	rs197352	<i>KIAA0895</i>	1.55	1.01 - 2.34	0.042
21	38.661 - 38.950	rs2836346	rs1540016	<i>ERG</i>	1.52	1.01 - 2.26	0.042
11	47.830 - 47.950	rs6485788	rs7104376	<i>NUP160,PTPRJ</i>	1.49	1.01 - 2.2	0.042
9	15.309 - 15.408	rs682553	rs7867321	<i>TTC39B,SNAPC3</i>	1.50	1.01 - 2.22	0.042

14	80.032 - 80.473	rs4899771	rs6574612	<i>CEP128</i>	0.61	0.38 - 0.99	0.042
11	47.962 - 48.145	rs1234515	rs11039556	<i>PTPRJ</i>	1.49	1.01 - 2.2	0.042
13	68.337 - 68.346	rs9572034	rs9592570	<i>LINC00550,MIR548H4</i>	0.61	0.38 - 0.98	0.042
7	36.733 - 36.837	rs17170685	rs2392472	<i>AOAH,ELMO1</i>	1.55	1.02 - 2.38	0.043
20	1.465 - 1.484	rs2256229	rs2249832	<i>SIRPD</i>	0.60	0.4 - 1.04	0.043
7	36.163 - 36.308	rs6947233	rs11763116	<i>EEPDI</i>	1.54	1.01 - 2.33	0.043
7	36.308 - 36.326	rs196626	rs6945386	<i>EEPDI,KIAA0895</i>	1.54	1.01 - 2.35	0.043
1	236.163 - 236.705	rs547984	rs10802693	<i>RP11-193H5.1,LINC0113</i>	0.61	0.38 - 0.99	0.043
21	33.968 - 34.174	rs2834245	rs743316	<i>ITSN1</i>	1.52	1 - 2.26	0.043
18	67.340 - 67.393	rs597129	rs7234940	<i>RP11-510D19.1</i>	1.55	0.97 - 2.26	0.043
11	56.706 - 56.714	rs2860315	rs3758922	<i>LRRC55</i>	1.49	1.01 - 2.2	0.043
11	56.725 - 56.747	rs7124474	rs11604352	<i>LRRC55,APLNR</i>	1.49	1.01 - 2.2	0.043
11	56.758 - 56.762	rs746886	rs10501367	<i>APLNR</i>	1.49	1.01 - 2.2	0.043
11	56.762 - 56.813	rs7119375	rs11605053	<i>APLNR,TNKS1BP1</i>	1.49	1.01 - 2.2	0.043
21	39.679 - 39.687	rs2244352	rs2837004	<i>WRB</i>	1.51	1.01 - 2.26	0.043
11	73.883 - 73.978	rs11236126	rs7944514	<i>LIPT2,POLD3</i>	1.51	1.01 - 2.25	0.043
21	39.273 - 39.459	rs2836803	rs419469	<i>AF064858.7,PSMG1</i>	1.51	1.01 - 2.24	0.043
21	39.474 - 39.474	rs7280375	rs7280375	<i>PSMG1</i>	1.51	1.01 - 2.26	0.043
21	39.480 - 39.597	rs2297256	rs4818015	<i>BRWD1</i>	1.51	1.01 - 2.26	0.043
21	39.610 - 39.615	rs2836981	rs7281853	<i>BRWD1-AS1</i>	1.51	1.01 - 2.26	0.043
21	39.618 - 39.635	rs7282582	rs2735306	<i>BRWD1-AS1,HMGNI</i>	1.51	1.01 - 2.26	0.043
21	39.635 - 39.635	rs2854727	rs2776307	<i>HMGNI</i>	1.51	1.01 - 2.26	0.043
11	45.752 - 45.769	rs2467287	rs10769170	<i>DKFZp779M0652,SLC35C1</i>	1.50	1.01 - 2.2	0.043
11	45.784 - 45.784	rs11823366	rs11823366	<i>SLC35C1</i>	1.50	1.01 - 2.22	0.043
9	15.964 - 16.191	rs16933838	rs10962327	<i>CCDC171,C9orf92</i>	1.50	1.01 - 2.21	0.043
20	1.491 - 1.491	rs2263664	rs2263664	<i>SIRPD,SIRPB1</i>	0.60	0.37 - 0.99	0.044
20	1.500 - 1.548	rs2253427	rs11696739	<i>SIRPB1</i>	0.60	0.37 - 0.99	0.044
21	39.751 - 39.806	rs975479	rs7281425	<i>SH3BGR</i>	1.51	1.01 - 2.26	0.044
11	74.036 - 74.082	rs10899024	rs4944937	<i>POLD3,CHRD12</i>	1.51	1.01 - 2.25	0.044
14	80.011 - 80.031	rs2197985	rs935729	<i>DIO2-AS1,CEP128</i>	0.61	0.38 - 0.99	0.044
1	232.736 - 232.804	rs271762	rs17578989	<i>RP5-855F14.1,IRF2BP2</i>	0.59	0.36 - 1	0.044
20	17.669 - 17.863	rs2077520	rs11697158	<i>BANF2,SNX5</i>	0.60	0.36 - 0.99	0.044
21	39.694 - 39.694	rs2837006	rs2837007	<i>WRB,LCA5L</i>	1.51	1.01 - 2.26	0.044
21	39.709 - 39.738	rs2837016	rs9983435	<i>LCA5L</i>	1.51	1.01 - 2.26	0.044
21	39.738 - 39.738	rs9983180	rs9983180	<i>LCA5L,SH3BGR</i>	1.51	1.01 - 2.26	0.044
20	3.400 - 3.574	rs6076524	rs6107327	<i>ATRNL</i>	0.61	0.38 - 0.99	0.044
7	38.390 - 38.631	rs2072505	rs12333355	<i>AMPH</i>	1.53	0.95 - 2.18	0.044
14	79.756 - 79.985	rs17766126	rs6574575	<i>DIO2-AS1</i>	0.61	0.38 - 1	0.044
15	39.526 - 39.561	rs16971825	rs1942	<i>RTF1</i>	0.61	0.38 - 0.99	0.044
15	39.567 - 39.569	rs8031932	rs12440045	<i>RTF1,ITPKA</i>	0.61	0.38 - 0.99	0.044
21	38.601 - 38.618	rs2065306	rs2836305	<i>KCNJ15,AP001422.3</i>	1.52	1.01 - 2.27	0.044
15	39.492 - 39.492	rs7164211	rs7164211	<i>NDUFAF1,RTF1</i>	0.61	0.38 - 0.99	0.044
1	202.314 - 202.362	rs17404301	rs16852933	<i>SOX13</i>	0.59	0.36 - 0.99	0.044
18	68.368 - 68.533	rs607787	rs11151790	<i>CBLN2,NETO1</i>	1.52	1.01 - 2.28	0.044
20	1.558 - 1.587	rs2281808	rs6043583	<i>SIRPG</i>	0.60	0.37 - 0.99	0.044
20	1.562 - 1.571	rs2318044	rs4814396	<i>RP11-77C3.3</i>	0.60	0.37 - 0.99	0.044
12	63.160 - 63.172	rs7303577	rs10878178	<i>TBK1</i>	0.60	0.37 - 0.99	0.044
5	2.372 - 2.791	rs13167058	rs1497463	<i>LOC100506858,IRX2</i>	1.53	0.99 - 2.31	0.044
11	73.882 - 73.882	rs7121457	rs7121457	<i>LIPT2</i>	1.51	1.01 - 2.25	0.044
20	1.406 - 1.420	rs6033871	rs6033901	<i>SIRPB2</i>	0.60	0.37 - 0.99	0.044
20	1.421 - 1.452	rs6042588	rs2251801	<i>SIRPB2,SIRPD</i>	0.60	0.37 - 0.99	0.044
21	41.145 - 41.433	rs13052909	rs4818210	<i>DSCAM,LINC00323</i>	1.51	0.97 - 2.18	0.044
21	41.805 - 41.965	rs9981570	rs9647275	<i>TMPRSS2,LINC00111</i>	1.51	0.96 - 2.16	0.044
11	45.706 - 45.745	rs895726	rs12284862	<i>LOC100507384,DKFZp779</i>	1.50	1.01 - 2.22	0.044
1	202.299 - 202.307	rs17404274	rs6696187	<i>LINC00303,SOX13</i>	0.60	0.36 - 0.99	0.044
20	1.399 - 1.401	rs1543423	rs12481707	<i>NSFL1C,SIRPB2</i>	0.60	0.39 - 1.02	0.045

1	238.244 - 238.310	rs7538071	rs11579750	<i>RPS7P5,FMN2</i>	0.61	0.38 - 0.99	0.045
11	74.009 - 74.024	rs4145953	rs3741127	<i>POLD3</i>	1.51	1.01 - 2.25	0.045
12	62.947 - 63.065	rs7956726	rs6581556	<i>C12orf56</i>	0.60	0.38 - 1.01	0.045
12	63.077 - 63.083	rs12303237	rs11175379	<i>C12orf56,XPOT</i>	0.60	0.37 - 0.99	0.045
12	63.084 - 63.125	rs7961632	rs6581565	<i>XPOT</i>	0.60	0.37 - 0.99	0.045
6	91.356 - 92.286	rs4455639	rs4706393	<i>MAP3K7,MIR4643</i>	0.60	0.39 - 1.05	0.045
11	72.698 - 72.758	rs3741149	rs947837	<i>ARHGEF17</i>	1.51	1.01 - 2.26	0.045
11	72.787 - 72.787	rs2154948	rs2154948	<i>RELT,FAM168A</i>	1.51	1.01 - 2.26	0.045
11	72.790 - 72.987	rs7108368	rs11235817	<i>FAM168A</i>	1.51	1.01 - 2.26	0.045
2	111.977 - 112.216	rs2029027	rs12474135	<i>MIR4435-IHG,ANAPC1</i>	1.48	1 - 2.14	0.045
8	6.256 - 6.485	rs6994734	rs2433147	<i>MCPHI</i>	1.52	1.01 - 2.3	0.045
11	45.647 - 45.667	rs11038608	rs2593748	<i>CHST1,MIR7154</i>	1.50	0.97 - 2.13	0.045
21	34.744 - 34.806	rs1547356	rs11702354	<i>KCNE1</i>	1.52	0.96 - 2.18	0.045
11	45.914 - 46.092	rs4756042	rs10838567	<i>PHF21A</i>	1.49	1.01 - 2.21	0.045
20	3.339 - 3.398	rs6051839	rs11696647	<i>C20orf194,ATRN</i>	0.61	0.38 - 0.99	0.045
11	46.102 - 46.254	rs7950474	rs10437653	<i>PHF21A,CREB3L1</i>	1.49	1.01 - 2.21	0.045
1	202.109 - 202.264	rs6664617	rs10900541	<i>SNRPE,LINC00303</i>	0.60	0.38 - 1.04	0.045
21	38.643 - 38.657	rs2836325	rs2836342	<i>AP001422.3,ERG</i>	1.51	1.01 - 2.26	0.045
8	6.250 - 6.250	rs725438	rs725441	<i>LOC100287015</i>	1.52	1.01 - 2.29	0.045
7	34.171 - 34.342	rs6966433	rs1419803	<i>BMPER,NPSR1-AS1</i>	1.53	0.99 - 2.28	0.045
9	15.542 - 15.960	rs10119257	rs2987013	<i>CCDC171</i>	1.49	0.97 - 2.14	0.046
21	38.619 - 38.638	rs2836307	rs2836318	<i>AP001422.3</i>	1.51	1 - 2.25	0.046
15	39.588 - 39.588	rs316623	rs316623	<i>LTK</i>	0.61	0.38 - 0.99	0.046
21	39.153 - 39.267	rs7281192	rs2836795	LOC101928398,AF064858	1.51	0.99 - 2.21	0.046
21	39.267 - 39.271	rs2836797	rs2836801	<i>AF064858.7</i>	1.51	1.01 - 2.25	0.046
21	40.912 - 40.923	rs2837753	rs2837757	<i>DSCAM-IT1</i>	1.51	1.01 - 2.25	0.046
15	39.643 - 39.647	rs11070339	rs1200341	<i>TYRO3</i>	0.61	0.38 - 1	0.046
1	202.273 - 202.273	rs4951039	rs4951039	<i>LINC00303</i>	0.60	0.36 - 0.99	0.046
11	57.799 - 57.875	rs4938891	rs4363620	<i>OR10W1,OR5B17</i>	1.49	1 - 2.18	0.046
11	74.649 - 74.735	rs17133858	rs561923	<i>ARRB1</i>	1.51	1.01 - 2.25	0.046
11	74.744 - 74.773	rs12278108	rs676703	<i>ARRB1,RPS3</i>	1.51	1.01 - 2.25	0.046
11	74.790 - 74.794	rs17883451	rs4348932	<i>RPS3</i>	1.51	1.01 - 2.25	0.046
11	74.820 - 74.820	rs538451	rs538451	<i>KLHL35,GDPD5</i>	1.51	1.01 - 2.25	0.046
1	237.864 - 238.137	rs10925934	rs3738435	<i>CHRM3</i>	0.61	0.38 - 0.99	0.046
1	202.371 - 202.384	rs6679960	rs1997034	<i>ETNK2</i>	0.60	0.36 - 0.99	0.046
1	238.151 - 238.223	rs1953666	rs7539606	<i>CHRM3,RPS7P5</i>	0.61	0.38 - 0.99	0.046
11	45.904 - 45.904	rs10838532	rs10838532	<i>GYLTL1B</i>	1.49	1.01 - 2.21	0.046
1	236.095 - 236.150	rs2794847	rs1565430	<i>RP11-193H5.1</i>	0.61	0.39 - 1.01	0.046
1	237.937 - 237.948	rs10802794	rs891700	<i>CHRM3-AS2</i>	0.61	0.38 - 0.99	0.046
6	32.273 - 32.300	rs2071278	rs391755	<i>NOTCH4</i>	0.61	0.38 - 1	0.046
14	33.493 - 33.969	rs1680687	rs7144173	<i>EGLN3,SPTSSA</i>	1.50	1.01 - 2.23	0.047
6	32.302 - 32.351	rs510321	rs1559874	<i>NOTCH4,C6orf10</i>	0.61	0.38 - 0.99	0.047
11	74.597 - 74.627	rs10793116	rs4362167	<i>SLCO2B1,TPBGL</i>	1.50	1.01 - 2.25	0.047
21	33.656 - 33.692	rs9980664	rs9978166	<i>IFNAR1,IFNGR2</i>	1.51	1 - 2.24	0.047
14	33.464 - 33.484	rs1680709	rs1384372	<i>EGLN3</i>	1.50	1.01 - 2.23	0.047
11	57.882 - 57.882	rs4939208	rs4939208	<i>OR5B17</i>	1.49	1.01 - 2.2	0.047
11	57.885 - 57.925	rs4529896	rs6591472	<i>OR5B17,OR5B3</i>	1.49	1.01 - 2.2	0.047
11	57.926 - 57.926	rs7931126	rs11229411	<i>OR5B3</i>	1.49	1.01 - 2.2	0.047
11	57.935 - 57.941	rs11229425	rs11229433	<i>OR5B3,OR5B2</i>	1.49	1.01 - 2.2	0.047
11	57.950 - 57.950	rs6591475	rs6591475	<i>OR5B2,OR5B12</i>	1.49	1.01 - 2.2	0.047
11	57.980 - 58.029	rs12362087	rs7122860	<i>OR5B12,OR5B21</i>	1.49	1.01 - 2.2	0.047
11	58.043 - 58.043	rs10750900	rs10750900	<i>OR5B21,LPXN</i>	1.49	1.01 - 2.2	0.047
11	58.051 - 58.093	rs17152724	rs2509920	<i>LPXN</i>	1.49	1.01 - 2.2	0.047
11	58.104 - 58.138	rs948562	rs12419118	<i>ZFP91-CNTF</i>	1.49	1.01 - 2.2	0.047
20	3.179 - 3.333	rs1207	rs6107284	<i>C20orf194</i>	0.61	0.38 - 0.99	0.047
6	90.695 - 91.057	rs1055403	rs12204886	<i>BACH2</i>	0.60	0.38 - 1.02	0.047

20	3.164 - 3.164	rs2014425	rs2014425	<i>SLC4A11</i>	0.61	0.38 - 0.99	0.047
20	3.176 - 3.176	rs1961897	rs4507156	<i>SLC4A11,C20orf194</i>	0.61	0.38 - 0.99	0.047
12	128.961 - 129.078	rs12297883	rs708343	<i>TMEM132D,RP11-474D1.3</i>	1.51	1 - 2.27	0.047
21	33.525 - 33.556	rs2248202	rs9984273	<i>IFNAR2</i>	1.51	0.96 - 2.17	0.047
11	45.750 - 45.751	rs16938364	rs16938365	<i>DKFZp779M0652</i>	1.49	1.01 - 2.2	0.047
15	38.555 - 38.591	rs733299	rs1869303	<i>CHST14,C15orf57</i>	0.62	0.38 - 0.99	0.047
15	38.616 - 38.645	rs11857247	rs8024579	<i>C15orf57</i>	0.62	0.38 - 0.99	0.047
20	3.112 - 3.117	rs2295545	rs1056881	<i>LZTS3,DDRGI1</i>	0.61	0.38 - 0.99	0.047
20	3.118 - 3.133	rs4815574	rs11697186	<i>DDRGI1</i>	0.61	0.38 - 0.99	0.047
20	3.135 - 3.135	rs6139030	rs6139030	<i>DDRGI1,ITPA</i>	0.61	0.38 - 0.99	0.047
20	3.141 - 3.152	rs6084305	rs9101	<i>ITPA</i>	0.61	0.38 - 0.99	0.047
6	91.068 - 91.077	rs1321859	rs285643	<i>BACH2,MIR4464</i>	0.60	0.37 - 0.99	0.047
6	91.078 - 91.079	rs6902412	rs16882661	<i>MIR4464</i>	0.60	0.37 - 0.99	0.047
1	238.237 - 238.243	rs2065914	rs10802828	<i>RPS7P5</i>	0.61	0.38 - 0.99	0.047
15	38.504 - 38.518	rs2034650	rs603787	<i>IVD,BAHD1</i>	0.62	0.38 - 1	0.047
15	38.546 - 38.546	rs679882	rs679882	<i>BAHD1</i>	0.62	0.38 - 0.99	0.047
15	38.552 - 38.552	rs667623	rs667623	<i>CHST14</i>	0.62	0.38 - 0.99	0.047
1	202.406 - 202.423	rs16853059	rs4951315	<i>REN,KISS1</i>	0.60	0.36 - 0.99	0.047
1	202.427 - 202.431	rs7524621	rs12568353	<i>KISS1</i>	0.60	0.36 - 0.99	0.047
7	28.960 - 28.960	rs221152	rs221153	<i>TRIL</i>	1.51	1.01 - 2.27	0.047
1	202.391 - 202.399	rs2368564	rs11571078	<i>REN</i>	0.60	0.36 - 0.99	0.048
1	232.683 - 232.726	rs4388731	rs684153	<i>TARBPI,RP5-855F14.1</i>	0.59	0.36 - 1	0.048
21	33.559 - 33.559	rs999788	rs999788	<i>IL10RB-AS1</i>	1.51	1 - 2.26	0.048
6	32.213 - 32.217	rs388629	rs204999	<i>FKBPL,PRRT1</i>	0.62	0.38 - 0.99	0.048
20	3.036 - 3.073	rs864140	rs857253	<i>UBOX5-AS1</i>	0.61	0.38 - 1	0.048
20	3.050 - 3.050	rs999409	rs999409	<i>UBOX5</i>	0.61	0.38 - 1	0.048
1	238.128 - 238.128	rs10926008	rs10926008	<i>CHRM3-AS1</i>	0.62	0.38 - 1	0.048
2	111.875 - 111.969	rs41417944	rs1345204	<i>MIR4435-1HG</i>	1.47	1 - 2.14	0.048
15	39.607 - 39.616	rs11070334	rs721772	<i>RPAP1</i>	0.62	0.38 - 1	0.048
15	39.633 - 39.634	rs16971861	rs9944249	<i>RPAP1,TYRO3</i>	0.62	0.38 - 1	0.048
20	2.968 - 2.971	rs6138988	rs3761244	<i>PTPRA,GNRH2</i>	0.61	0.38 - 1	0.048
20	2.982 - 2.987	rs6076466	rs8184236	<i>MRPS26,OXT</i>	0.61	0.38 - 1	0.048
20	3.032 - 3.032	rs11087565	rs11087565	<i>AVP,UBOX5-AS1</i>	0.61	0.38 - 1	0.048
20	2.773 - 2.785	rs6132976	rs6037426	<i>VPS16</i>	0.61	0.43 - 1.1	0.048
20	2.803 - 2.968	rs622601	rs2296236	<i>PTPRA</i>	0.61	0.38 - 1	0.048
11	45.803 - 45.820	rs7115967	rs7121611	<i>SLC35C1,CRY2</i>	1.49	1 - 2.2	0.048
11	45.830 - 45.856	rs2037311	rs12281674	<i>CRY2</i>	1.49	1 - 2.2	0.048
11	45.863 - 45.863	rs1554338	rs1554338	<i>MAPK8IP1</i>	1.49	1 - 2.2	0.048
11	45.892 - 45.892	rs3802758	rs3802758	<i>PEX16</i>	1.49	1 - 2.2	0.048
8	56.966 - 57.086	rs13277429	rs2719236	<i>LYN</i>	1.49	0.88 - 1.95	0.048
18	68.688 - 68.964	rs2156102	rs17086999	<i>NETO1,LOC400655</i>	1.51	0.99 - 2.24	0.048
9	32.522 - 32.527	rs626214	rs597131	<i>DDX58,TOPORS</i>	1.48	1 - 2.17	0.048
9	32.539 - 32.539	rs628425	rs628425	<i>TOPORS</i>	1.48	1 - 2.17	0.048
9	32.551 - 32.554	rs10971024	rs673710	<i>TOPORS-AS1</i>	1.48	1 - 2.17	0.048
1	235.274 - 236.064	rs1406413	rs790896	<i>RYR2</i>	0.62	0.43 - 1.11	0.048
6	32.231 - 32.231	rs2269425	rs2269425	<i>PPT2-EGFL8</i>	0.62	0.38 - 1	0.048
6	32.248 - 32.249	rs3130284	rs408359	<i>AGPAT1</i>	0.62	0.38 - 1	0.048
9	21.222 - 21.228	rs7868334	rs10116540	<i>IFNA17,IFNA14</i>	1.49	1 - 2.23	0.048
1	232.729 - 232.732	rs271738	rs12063824	<i>RP5-855F14.1</i>	0.60	0.36 - 1	0.048
9	21.161 - 21.168	rs10964878	rs1477479	<i>IFNA21,IFNA4</i>	1.49	1 - 2.23	0.049
1	95.719 - 96.949	rs1415563	rs3908925	<i>FLJ31662,PTBP2</i>	0.62	0.41 - 1.03	0.049
1	236.066 - 236.090	rs6700557	rs41390244	<i>RYR2,RP11-193H5.1</i>	0.62	0.38 - 1	0.049
15	38.922 - 38.935	rs690572	rs659232	<i>SPINT1</i>	0.62	0.38 - 1	0.049
6	32.269 - 32.269	rs12663103	rs204989	<i>GPSM3</i>	0.62	0.38 - 1	0.049
9	21.181 - 21.186	rs7849862	rs7856345	<i>IFNA4,IFNA7</i>	1.49	1 - 2.23	0.049
9	21.204 - 21.204	rs2015345	rs2015345	<i>IFNA10,IFNA16</i>	1.49	1 - 2.23	0.049

7	28.985 - 29.017	rs504453	rs2108382	<i>LOC100506497</i>	1.51	1 - 2.26	0.049
21	33.902 - 33.921	rs11910640	rs4816463	<i>CRYZL1</i>	1.51	1 - 2.26	0.049
6	31.794 - 31.797	rs1065356	rs805292	<i>LY6G6C</i>	0.62	0.38 - 1	0.049
6	31.819 - 31.838	rs2293861	rs707937	<i>MSH5-SAPCD1</i>	0.62	0.38 - 1	0.049
6	31.837 - 31.837	rs1802127	rs1802127	<i>MSH5</i>	0.62	0.38 - 1	0.049
6	31.850 - 31.850	rs707928	rs707928	<i>VWA7</i>	0.62	0.38 - 1	0.049
6	31.872 - 31.872	rs480092	rs480092	<i>LSM2</i>	0.62	0.38 - 1	0.049
6	31.885 - 31.885	rs2075800	rs2075800	<i>HSPAIL</i>	0.62	0.38 - 1	0.049
6	31.944 - 31.945	rs11965547	rs660594	<i>SLC44A4</i>	0.62	0.38 - 1	0.049
1	202.440 - 202.447	rs9726776	rs10900560	<i>GOLT1A</i>	0.60	0.36 - 1	0.049
1	202.451 - 202.451	rs4534452	rs4534452	<i>GOLT1A,PLEKHA6</i>	0.60	0.36 - 1	0.049
1	202.457 - 202.593	rs4631764	rs16853492	<i>PLEKHA6</i>	0.60	0.36 - 1	0.049
5	173.471 - 174.081	rs6893176	rs6556158	<i>HMP19,MSX2</i>	1.49	0.85 - 1.92	0.049
15	39.385 - 39.385	rs10467974	rs10467974	<i>OIP5-AS1,OIP5</i>	0.62	0.38 - 1	0.049
15	39.424 - 39.424	rs17730888	rs17730888	<i>NUSAPI</i>	0.62	0.38 - 1	0.049
15	39.476 - 39.476	rs1899	rs1899	<i>NDUFAF1</i>	0.62	0.38 - 1	0.049
9	21.134 - 21.147	rs10811480	rs10283629	<i>IFNW1,IFNA21</i>	1.49	1 - 2.22	0.049
9	32.449 - 32.515	rs3205166	rs3824456	<i>DDX58</i>	1.47	1 - 2.15	0.049
21	33.805 - 33.832	rs7281488	rs4817579	<i>GART</i>	1.50	1 - 2.26	0.049
21	33.876 - 33.876	rs17646111	rs17646111	<i>DONSON</i>	1.50	1 - 2.26	0.049
9	21.245 - 21.255	rs1330318	rs1543640	<i>IFNA14,IFNA22P</i>	1.49	1 - 2.22	0.049
9	21.270 - 21.286	rs2094788	rs7868542	<i>IFNA22P,IFNA5</i>	1.49	1 - 2.22	0.049
16	81.220 - 82.388	rs16957898	rs7197423	<i>CDH13</i>	1.49	0.97 - 2.15	0.049

Table S4. Local European Ancestry (LEA) regions associated with CHD composite among African Americans from the Atherosclerosis Risk in Communities study (ARIC).

Chromoso	me	Gene region (Mb)	First SNP	Last SNP	Gene	Odds ratio	95% CI	p
	21	16.915 - 17.727	rs2823911	rs1689155	<i>C21orf35,C21orf37</i>	1.55	1.17 - 1.9	3.45E-04
	2	228.443 - 228.489	rs10498223	rs13406984	<i>DAWI</i>	1.55	1.12 - 1.83	3.67E-04
	2	228.506 - 228.546	rs1403970	rs16824273	<i>DAWI,SPHKAP</i>	1.55	1.22 - 1.97	3.67E-04
	2	228.572 - 228.745	rs11680053	rs13402484	<i>SPHKAP</i>	1.55	1.22 - 1.97	3.67E-04
	21	16.366 - 16.892	rs11911247	rs2823901	<i>C21orf35</i>	1.52	1.12 - 1.82	5.88E-04
	2	227.413 - 227.567	rs4673171	rs10210997	<i>RHBDD1</i>	1.53	1.18 - 1.92	6.07E-04
	2	228.766 - 229.587	rs4133088	rs6744765	<i>SPHKAP,PID1</i>	1.52	1.19 - 1.93	6.40E-04
	2	227.318 - 227.371	rs13431179	rs3731597	<i>IRSI</i>	1.52	1.19 - 1.91	6.66E-04
	2	227.376 - 227.400	rs13423855	rs4675099	<i>IRSI,RHBDD1</i>	1.51	1.18 - 1.91	7.45E-04
	2	226.756 - 227.219	rs2943653	rs12474317	<i>LOC646736,MIR5702</i>	1.51	1.16 - 1.87	7.91E-04
	2	227.234 - 227.298	rs2178707	rs2251692	<i>MIR5702,IRSI</i>	1.51	1.18 - 1.9	7.99E-04
	2	225.618 - 225.965	rs7574055	rs997079	<i>DOCK10,NYAP2</i>	1.51	1.16 - 1.88	8.23E-04
	2	227.748 - 227.839	rs16823282	rs11677877	<i>COL4A3</i>	1.51	1.18 - 1.92	8.71E-04
	2	227.794 - 227.893	rs12620653	rs11687981	<i>AC097662.2</i>	1.51	1.18 - 1.92	8.71E-04
	2	227.575 - 227.732	rs1054413	rs2222869	<i>COL4A4</i>	1.51	1.18 - 1.92	9.05E-04
	2	224.614 - 224.949	rs1438831	rs7575253	<i>SERPINE2,FAM124B</i>	1.51	1.15 - 1.86	9.16E-04
	2	225.978 - 226.218	rs9288606	rs12694674	<i>NYAP2</i>	1.50	1.18 - 1.9	9.41E-04
	2	226.229 - 226.332	rs10179260	rs1446461	<i>NYAP2,MIR548AR</i>	1.49	1.17 - 1.89	0.001
	2	226.343 - 226.714	rs6709099	rs6736674	<i>MIR548AR,LOC646736</i>	1.49	1.18 - 1.89	0.001
	2	225.342 - 225.610	rs1565073	rs367427	<i>DOCK10</i>	1.50	1.16 - 1.88	0.001
	4	163.306 - 164.258	rs13113862	rs10019236	<i>FSTL5,NAF1</i>	1.49	1.11 - 1.79	0.001
	2	228.184 - 228.207	rs2063852	rs6722305	<i>C2orf83</i>	1.49	1.17 - 1.9	0.001
	2	228.139 - 228.177	rs12619262	rs13394836	<i>AGFG1,C2orf83</i>	1.49	1.16 - 1.89	0.001
	2	227.906 - 227.929	rs6750569	rs7573035	<i>MFF</i>	1.49	1.17 - 1.9	0.001
	2	227.940 - 227.948	rs4408717	rs7597841	<i>TM4SF20</i>	1.49	1.17 - 1.9	0.001
	2	227.954 - 228.040	rs4234072	rs12694734	<i>TM4SF20,MIR5703</i>	1.49	1.17 - 1.9	0.001
	2	224.532 - 224.536	rs13022402	rs13001719	<i>MRPL44</i>	1.48	1.16 - 1.87	0.001
	2	228.051 - 228.127	rs10170294	rs13408988	<i>AGFG1</i>	1.49	1.16 - 1.89	0.001
	2	224.544 - 224.545	rs16865368	rs12694624	<i>MRPL44,SERPINE2</i>	1.48	1.16 - 1.89	0.001
	2	224.547 - 224.608	rs6736436	rs7579475	<i>SERPINE2</i>	1.48	1.16 - 1.89	0.001
	21	17.738 - 17.743	rs2824300	rs2824308	<i>C21orf37</i>	1.48	1.16 - 1.89	0.002
	2	226.726 - 226.733	rs2972132	rs16866869	<i>LOC646736</i>	1.47	1.16 - 1.86	0.002
	4	158.721 - 159.262	rs6536256	rs10517686	<i>RP11-364P22.1,FAM198B</i>	1.46	1.15 - 1.84	0.002
	2	224.421 - 224.447	rs1401386	rs633956	<i>APIS3,WDFY1</i>	1.47	1.15 - 1.87	0.002
	2	224.449 - 224.498	rs10498155	rs13018551	<i>WDFY1</i>	1.47	1.16 - 1.87	0.002
	2	224.522 - 224.524	rs6734908	rs10196123	<i>WDFY1,MRPL44</i>	1.47	1.16 - 1.87	0.002
	2	224.987 - 225.040	rs7605583	rs17407839	<i>FAM124B,CUL3</i>	1.47	1.15 - 1.87	0.002
	2	225.043 - 225.149	rs4674908	rs1542789	<i>CUL3</i>	1.47	1.16 - 1.88	0.002
	4	158.516 - 158.710	rs11100102	rs1490514	<i>GRIA2,RP11-364P22.1</i>	1.46	1.14 - 1.83	0.002
	2	225.163 - 225.332	rs11900637	rs10199780	<i>CUL3,DOCK10</i>	1.47	1.16 - 1.88	0.002
	4	158.712 - 158.712	rs1036342	rs1036342	<i>RP11-364P22.1</i>	1.46	1.15 - 1.84	0.002
	2	223.638 - 224.168	rs9283537	rs6706287	<i>KCNE4,SCG2</i>	1.47	1.08 - 1.75	0.002
	2	224.333 - 224.406	rs16865167	rs12373774	<i>APIS3</i>	1.47	1.14 - 1.85	0.002
	2	224.953 - 224.972	rs3738954	rs7569573	<i>FAM124B</i>	1.47	1.15 - 1.87	0.002
	2	228.212 - 228.254	rs10179572	rs7578736	<i>C2orf83,SLC19A3</i>	1.47	1.15 - 1.87	0.002
	4	160.502 - 162.511	rs6536413	rs12498646	<i>RAPGEF2,FSTL5</i>	1.45	1.13 - 1.81	0.002
	2	224.177 - 224.323	rs16864985	rs600257	<i>SCG2,APIS3</i>	1.45	1.13 - 1.83	0.002
	4	160.277 - 160.405	rs17225089	rs10428456	<i>MIR3688-1,RAPGEF2</i>	1.44	1.12 - 1.78	0.002
	4	160.409 - 160.498	rs6824488	rs6816166	<i>RAPGEF2</i>	1.44	1.14 - 1.82	0.002
	2	229.601 - 229.841	rs7594377	rs12468558	<i>PID1</i>	1.45	1.14 - 1.83	0.002
	4	158.388 - 158.495	rs17035909	rs6536234	<i>GRIA2</i>	1.44	1.1 - 1.77	0.002

21	17.908 - 18.057	rs928248	rs2824482	<i>BTG3,C21orf91-OT1</i>	1.45	1.13 - 1.83	0.003
2	224.174 - 224.174	rs2894511	rs1017448	<i>SCG2</i>	1.44	1.13 - 1.83	0.003
21	17.752 - 17.799	rs2824318	rs2776068	<i>C21orf37,CXADR</i>	1.45	1.13 - 1.85	0.003
21	17.817 - 17.880	rs7283586	rs2824376	<i>CXADR</i>	1.44	1.13 - 1.83	0.003
2	228.297 - 228.379	rs4973237	rs11694155	<i>SLC19A3,CCL20</i>	1.44	1.12 - 1.82	0.003
4	159.895 - 159.905	rs6815665	rs11100197	<i>PPID,FNIP2</i>	1.42	1.12 - 1.8	0.003
4	159.917 - 160.028	rs4330315	rs4274803	<i>FNIP2</i>	1.42	1.12 - 1.8	0.003
4	160.044 - 160.044	rs3756080	rs3756080	<i>C4orf45,FNIP2</i>	1.42	1.12 - 1.8	0.003
4	160.053 - 160.176	rs4690915	rs17037938	<i>C4orf45</i>	1.42	1.12 - 1.8	0.003
4	159.661 - 159.782	rs4513519	rs4132807	<i>RXFP1</i>	1.42	1.12 - 1.79	0.003
4	159.808 - 159.808	rs7697479	rs7697479	<i>C4orf46</i>	1.42	1.12 - 1.8	0.003
21	16.028 - 16.174	rs926612	rs9982630	<i>USP25</i>	1.44	1.12 - 1.82	0.003
21	16.182 - 16.360	rs16990799	rs2823592	<i>USP25,C21orf35</i>	1.44	1.13 - 1.83	0.003
4	159.838 - 159.848	rs12640862	rs4690909	<i>ETFDH</i>	1.42	1.12 - 1.79	0.004
4	164.308 - 164.453	rs7670843	rs12645448	<i>NAF1,NPY1R</i>	1.44	1.13 - 1.84	0.004
2	228.391 - 228.391	rs3138124	rs3138124	<i>CCL20</i>	1.44	1.12 - 1.83	0.004
2	228.400 - 228.437	rs41397446	rs11884743	<i>CCL20,DAWI</i>	1.44	1.12 - 1.83	0.004
4	164.268 - 164.307	rs11100481	rs12331663	<i>NAF1</i>	1.44	1.12 - 1.83	0.004
4	159.399 - 159.661	rs2225239	rs6536351	<i>TMEM144,RXFP1</i>	1.41	1.12 - 1.79	0.004
21	15.362 - 16.021	rs2823032	rs7277807	<i>NRIP1,USP25</i>	1.43	1.02 - 1.67	0.004
2	228.269 - 228.282	rs4973216	rs2396470	<i>SLC19A3</i>	1.43	1.12 - 1.82	0.004
4	164.470 - 164.470	rs7687423	rs7687423	<i>NPY1R</i>	1.43	1.12 - 1.83	0.004
4	164.474 - 164.482	rs6536720	rs4475104	<i>NPY1R,NPY5R</i>	1.43	1.12 - 1.83	0.004
4	164.488 - 164.488	rs7679206	rs7679206	<i>NPY5R</i>	1.43	1.12 - 1.83	0.004
4	164.507 - 164.604	rs10031046	rs7657407	<i>NPY5R,TKTL2</i>	1.43	1.12 - 1.83	0.004
4	160.182 - 160.248	rs12331691	rs12639886	<i>C4orf45,MIR3688-1</i>	1.41	1.12 - 1.78	0.004
4	159.318 - 159.348	rs13126694	rs9684078	<i>FAM198B,TMEM144</i>	1.41	1.11 - 1.78	0.004
4	159.356 - 159.394	rs10032178	rs41494044	<i>TMEM144</i>	1.41	1.12 - 1.79	0.004
10	123.364 - 123.488	rs1649179	rs11200120	<i>FGFR2,ATE1</i>	1.42	1.06 - 1.72	0.004
4	162.539 - 163.298	rs17397014	rs1492464	<i>FSTL5</i>	1.41	1.1 - 1.77	0.004
6	41.682 - 41.712	rs16894837	rs2842660	<i>FOXP4,MDFI</i>	0.68	0.53 - 0.9	0.004
6	42.158 - 42.174	rs9381134	rs9462769	<i>TAF8,C6orf132</i>	0.68	0.52 - 0.9	0.004
6	42.298 - 42.298	rs10452607	rs4714584	<i>MRPS10,TRERF1</i>	0.67	0.52 - 0.9	0.004
21	18.114 - 18.128	rs10446073	rs2824504	<i>C21orf91,CHODL-AS1</i>	1.43	1.11 - 1.81	0.004
21	18.135 - 18.177	rs2824507	rs2824532	<i>CHODL-AS1</i>	1.43	1.12 - 1.82	0.004
4	159.278 - 159.312	rs11946222	rs2881373	<i>FAM198B</i>	1.41	1.11 - 1.78	0.004
21	18.087 - 18.089	rs2824493	rs2258119	<i>C21orf91</i>	1.42	1.11 - 1.81	0.005
4	157.112 - 157.886	rs966415	rs17035150	<i>CTSO,PDGFC</i>	1.40	1.06 - 1.71	0.005
2	229.854 - 229.929	rs7579884	rs2216336	<i>PID1,DNER</i>	1.41	1.11 - 1.78	0.005
7	36.519 - 36.729	rs7986	rs17170682	<i>AOAH</i>	1.42	1.07 - 1.75	0.005
10	123.491 - 123.651	rs1874664	rs2420970	<i>ATE1</i>	1.41	1.09 - 1.76	0.005
10	123.692 - 123.697	rs11594070	rs7906271	<i>ATE1,NSMCE4A</i>	1.41	1.11 - 1.79	0.005
9	107.623 - 108.394	rs10978293	rs1491100	<i>TMEM38B,MIR8081</i>	0.69	0.59 - 0.98	0.005
6	41.717 - 41.727	rs2268410	rs9394819	<i>MDFI</i>	0.68	0.52 - 0.89	0.005
6	41.733 - 41.757	rs2746183	rs2842645	<i>MDFI,TFEB</i>	0.68	0.52 - 0.89	0.005
4	158.226 - 158.307	rs4615228	rs17035816	<i>GLRB</i>	1.40	1.1 - 1.78	0.005
4	158.133 - 158.214	rs1020286	rs4690875	<i>PDGFC,GLRB</i>	1.40	1.1 - 1.77	0.005
10	123.705 - 123.705	rs7095093	rs7095093	<i>NSMCE4A</i>	1.41	1.11 - 1.79	0.005
10	123.740 - 124.004	rs4752630	rs12262185	<i>TACC2</i>	1.41	1.1 - 1.78	0.005
21	18.181 - 18.210	rs2824534	rs2824545	<i>CHODL-AS1,CHODL</i>	1.41	1.1 - 1.8	0.006
8	6.908 - 6.986	rs4240691	rs4840673	<i>DEFA5,LINC00965</i>	1.41	1.07 - 1.76	0.006
6	42.023 - 42.122	rs6913232	rs4560643	<i>CCND3</i>	0.69	0.53 - 0.91	0.006
7	37.751 - 37.845	rs2709118	rs2722269	<i>GPR141,NME8</i>	1.41	1.1 - 1.79	0.006
6	42.134 - 42.147	rs4714560	rs2492927	<i>TAF8</i>	0.69	0.52 - 0.9	0.006
4	158.322 - 158.339	rs17035841	rs17035876	<i>GLRB,GRIA2</i>	1.40	1.1 - 1.77	0.006
10	123.736 - 123.736	rs2420976	rs2420976	<i>NSMCE4A,TACC2</i>	1.40	1.1 - 1.78	0.006

4	157.915 - 158.109	rs17035213	rs4146464	<i>PDGFC</i>	1.40	1.06 - 1.71	0.006
7	35.708 - 35.719	rs4720182	rs10239503	<i>HERPUD2,AC018647.3</i>	1.40	1.09 - 1.77	0.006
7	35.724 - 35.724	rs17699495	rs17699495	<i>AC018647.3</i>	1.40	1.1 - 1.78	0.006
7	35.730 - 35.797	rs6462623	rs3930640	<i>AC018647.3,SEPT7</i>	1.40	1.1 - 1.78	0.006
6	41.758 - 41.800	rs2842643	rs4711689	<i>TFEF</i>	0.69	0.53 - 0.9	0.006
6	42.282 - 42.290	rs4714580	rs1884317	<i>MRPS10</i>	0.69	0.52 - 0.9	0.006
7	29.207 - 29.520	rs121724	rs12536350	<i>CHN2</i>	1.40	1.06 - 1.71	0.006
5	37.913 - 38.289	rs12187498	rs6451378	<i>GDNF-ASI,EGFLAM</i>	1.40	1.1 - 1.77	0.006
6	41.816 - 41.816	rs4711690	rs4711690	<i>PGC</i>	0.69	0.53 - 0.9	0.006
6	41.825 - 41.844	rs6458238	rs11962743	<i>PGC,FRS3</i>	0.69	0.53 - 0.9	0.006
7	37.745 - 37.745	rs2718038	rs2718038	<i>GPR141</i>	1.41	1.1 - 1.8	0.006
6	41.625 - 41.678	rs4714478	rs9381084	<i>FOXP4</i>	0.69	0.54 - 0.92	0.006
6	42.302 - 42.511	rs4424082	rs1962366	<i>TRERF1</i>	0.69	0.52 - 0.9	0.006
7	36.858 - 37.453	rs2241152	rs6952260	<i>ELMO1</i>	1.41	1.06 - 1.75	0.006
5	37.883 - 37.902	rs2973120	rs2910750	<i>GDNF,GDNF-ASI</i>	1.39	1.06 - 1.71	0.007
5	37.909 - 37.909	rs12519276	rs12519276	<i>GDNF-ASI</i>	1.39	1.1 - 1.77	0.007
9	109.138 - 109.283	rs817840	rs7024696	<i>RAD23B,KLF4</i>	0.69	0.54 - 0.91	0.007
4	82.362 - 82.566	rs17005093	rs6535248	<i>PRKG2,RASGEF1B</i>	0.69	0.58 - 0.97	0.007
6	42.185 - 42.207	rs9471765	rs7763271	<i>C6orf132</i>	0.69	0.53 - 0.9	0.007
6	42.225 - 42.225	rs6942280	rs6942280	<i>C6orf132,GUCA1A</i>	0.69	0.53 - 0.9	0.007
6	42.231 - 42.255	rs2395801	rs6899575	<i>GUCA1A</i>	0.69	0.53 - 0.9	0.007
6	42.262 - 42.267	rs12181583	rs6939563	<i>GUCA1B</i>	0.69	0.53 - 0.9	0.007
6	42.272 - 42.278	rs16895284	rs7749339	<i>GUCA1B,MRPS10</i>	0.69	0.53 - 0.9	0.007
8	69.436 - 69.892	rs11777852	rs2958326	<i>C8orf34</i>	1.38	1.04 - 1.67	0.007
10	123.230 - 123.344	rs1649202	rs3135715	<i>FGFR2</i>	1.39	1.09 - 1.76	0.007
8	69.896 - 69.977	rs16935125	rs4737922	<i>C8orf34,RP11-600K15.1</i>	1.38	1.09 - 1.74	0.007
7	35.322 - 35.378	rs6976218	rs340397	<i>LOC401324</i>	1.39	1.07 - 1.73	0.007
9	108.817 - 109.082	rs7040608	rs10816481	<i>ZNF462,RAD23B</i>	0.70	0.56 - 0.94	0.007
9	109.089 - 109.125	rs7035611	rs11573711	<i>RAD23B</i>	0.70	0.54 - 0.91	0.007
21	18.216 - 18.561	rs17002193	rs1051530	<i>CHODL</i>	1.40	1.1 - 1.79	0.007
4	185.790 - 185.804	rs2705897	rs4647614	<i>CASP3</i>	1.39	1.08 - 1.75	0.007
4	185.808 - 185.846	rs12108497	rs2141258	<i>PRIMPOL</i>	1.39	1.09 - 1.77	0.007
7	35.391 - 35.636	rs1867936	rs2242031	<i>LOC401324,HERPUD2</i>	1.39	1.07 - 1.73	0.008
7	35.644 - 35.680	rs10280032	rs41418748	<i>HERPUD2</i>	1.39	1.09 - 1.77	0.008
7	36.733 - 36.837	rs17170685	rs2392472	<i>AOAH,ELMO1</i>	1.40	1.09 - 1.79	0.008
4	185.919 - 185.981	rs4861631	rs1554336	<i>ACSL1</i>	1.39	1.09 - 1.76	0.008
10	122.800 - 123.225	rs2420902	rs10749418	<i>MIR5694,FGFR2</i>	1.38	1.03 - 1.66	0.008
13	50.900 - 50.918	rs9535664	rs4941699	<i>INTS6</i>	0.70	0.54 - 0.91	0.008
9	108.405 - 108.406	rs10816400	rs16925653	<i>MIR8081,RP11-308N19.4</i>	0.70	0.54 - 0.91	0.008
9	108.426 - 108.482	rs2054979	rs2417752	<i>RP11-308N19.4</i>	0.70	0.54 - 0.91	0.008
4	164.665 - 165.498	rs17576350	rs12506846	<i>MARCH1</i>	1.40	1.09 - 1.78	0.008
7	30.937 - 30.969	rs13222180	rs17159769	<i>AQP1,GHRHR</i>	1.39	1.07 - 1.74	0.008
9	108.486 - 108.654	rs16925721	rs16925880	<i>RP11-308N19.4,ZNF462</i>	0.70	0.54 - 0.91	0.008
7	30.974 - 30.985	rs10227405	rs6962369	<i>GHRHR</i>	1.38	1.09 - 1.76	0.008
7	38.916 - 38.970	rs7780625	rs1229041	<i>VPS41,POU6F2</i>	1.39	1.08 - 1.76	0.008
7	37.856 - 37.906	rs2722372	rs2598117	<i>NME8</i>	1.39	1.09 - 1.78	0.008
7	37.457 - 37.735	rs6950074	rs2709101	<i>ELMO1,GPR141</i>	1.39	1.07 - 1.75	0.008
13	50.814 - 50.828	rs9535647	rs7996243	<i>SERPINE3</i>	0.70	0.54 - 0.91	0.008
2	229.932 - 230.283	rs7594321	rs4331494	<i>DNER</i>	1.38	1.09 - 1.74	0.008
4	185.900 - 185.910	rs6552820	rs6854996	<i>CENPU,ACSL1</i>	1.38	1.08 - 1.75	0.008
4	185.861 - 185.887	rs4610378	rs7667409	<i>CENPU</i>	1.38	1.08 - 1.75	0.008
4	164.612 - 164.612	rs11735477	rs11735477	<i>TKTL2</i>	1.39	1.09 - 1.78	0.008
4	164.629 - 164.630	rs1073547	rs10034495	<i>TKTL2,TMA16</i>	1.39	1.09 - 1.78	0.008
4	164.635 - 164.655	rs2276978	rs12500221	<i>TMA16</i>	1.39	1.09 - 1.78	0.008
8	8.147 - 8.209	rs2945230	rs6985501	<i>FAM86B3P,SGK223</i>	1.39	1.09 - 1.77	0.008
2	223.285 - 223.420	rs16864047	rs6712809	<i>MOGAT1,ACSL3</i>	1.39	1.05 - 1.72	0.009

8	4.841 - 6.242	rs4875428	rs1596457	<i>CSMD1,LOC100287015</i>	1.38	1.03 - 1.68	0.009
13	50.771 - 50.805	rs7985384	rs9591402	<i>FAM124A,SERPINE3</i>	0.70	0.54 - 0.91	0.009
7	28.835 - 28.951	rs10486595	rs221141	<i>CREB5,TRIL</i>	1.38	1.05 - 1.69	0.009
7	41.788 - 41.962	rs12701937	rs757910	<i>INHBA-AS1,GLI3</i>	1.39	1.05 - 1.71	0.009
4	169.654 - 170.085	rs2710835	rs1071738	<i>PALLD</i>	1.38	1.05 - 1.69	0.009
7	38.731 - 38.909	rs11773094	rs917322	<i>VPS41</i>	1.38	1.08 - 1.75	0.009
7	29.019 - 29.149	rs1403405	rs10486606	<i>CPVL</i>	1.38	1.08 - 1.74	0.009
4	170.111 - 170.137	rs13116548	rs2331450	<i>PALLD,CBR4</i>	1.38	1.08 - 1.75	0.009
13	48.769 - 48.776	rs6650333	rs9568182	<i>CDADC1,CAB39L</i>	0.70	0.54 - 0.92	0.009
13	48.792 - 48.911	rs2407609	rs9316453	<i>CAB39L</i>	0.70	0.54 - 0.92	0.009
13	48.186 - 48.445	rs9595975	rs2987532	<i>CYSLTR2,FNDC3A</i>	0.70	0.55 - 0.93	0.009
13	48.920 - 48.966	rs7992603	rs4941643	<i>SETDB2</i>	0.70	0.54 - 0.92	0.009
13	50.702 - 50.755	rs927864	rs1475377	<i>FAM124A</i>	0.70	0.56 - 0.94	0.009
7	30.987 - 31.056	rs12537375	rs12670977	<i>GHRHR,ADCYAP1R1</i>	1.38	1.08 - 1.75	0.009
7	28.960 - 28.960	rs221152	rs221153	<i>TRIL</i>	1.38	1.08 - 1.75	0.009
7	40.879 - 41.672	rs1160780	rs1476665	<i>SUGCT,INHBA</i>	1.39	1.04 - 1.71	0.009
7	29.707 - 29.810	rs10276725	rs174909	<i>DPY19L2P3,WIPF3</i>	1.39	1.08 - 1.77	0.009
4	171.264 - 172.177	rs6822866	rs6819553	<i>AADAT,RP11-344G13.1</i>	1.37	1.07 - 1.72	0.009
7	28.985 - 29.017	rs504453	rs2108382	<i>LOC100506497</i>	1.37	1.08 - 1.74	0.009
13	49.274 - 49.344	rs28655007	rs9562933	<i>KPNA3,CTAGE10P</i>	0.71	0.55 - 0.93	0.009
13	49.399 - 49.399	rs11617754	rs11617754	<i>SPRYD7</i>	0.71	0.54 - 0.92	0.009
13	49.429 - 49.450	rs9568363	rs7994224	<i>SPRYD7,DLEU2</i>	0.71	0.54 - 0.92	0.009
13	49.494 - 49.532	rs2066553	rs790942	<i>DLEU2</i>	0.71	0.54 - 0.92	0.009
4	170.916 - 171.059	rs12507746	rs4627819	<i>C4orf27,RP11-205M3.3</i>	1.37	1.06 - 1.72	0.009
13	51.286 - 51.316	rs1543525	rs9535769	<i>LINC00282</i>	0.71	0.54 - 0.92	0.009
7	29.523 - 29.560	rs10244178	rs10951234	<i>CHN2,PRR15</i>	1.38	1.08 - 1.77	0.009
7	29.578 - 29.635	rs17754241	rs850015	<i>PRR15,LOC646762</i>	1.38	1.08 - 1.77	0.009
13	49.554 - 50.001	rs2066575	rs536338	<i>DLEU1</i>	0.71	0.54 - 0.92	0.009
13	49.583 - 49.583	rs2066587	rs2066587	<i>DLEU1,DLEU2</i>	0.71	0.54 - 0.92	0.009
7	35.822 - 35.913	rs2893514	rs10233082	<i>SEPT7</i>	1.38	1.08 - 1.75	0.009
8	70.015 - 70.177	rs4263778	rs10504437	<i>RP11-600K15.1</i>	1.36	1.07 - 1.71	0.009
1	109.057 - 109.075	rs3006864	rs2990874	<i>FNDC7</i>	1.36	1.07 - 1.7	0.010
8	8.129 - 8.129	rs2980436	rs2980436	<i>FAM86B3P</i>	1.38	1.08 - 1.76	0.010
7	29.657 - 29.686	rs1728538	rs850106	<i>LOC646762</i>	1.38	1.08 - 1.77	0.010
7	35.965 - 36.099	rs12112485	rs2718035	<i>SEPT7,LOC101928618</i>	1.38	1.08 - 1.75	0.010
13	51.238 - 51.238	rs17075932	rs17075932	<i>WDFY2,DHRS12</i>	0.71	0.54 - 0.92	0.010
13	51.239 - 51.274	rs9526795	rs1923875	<i>DHRS12</i>	0.71	0.54 - 0.92	0.010
4	170.160 - 170.162	rs1870306	rs11722048	<i>CBR4</i>	1.37	1.08 - 1.74	0.010
7	28.967 - 28.983	rs221158	rs13227954	<i>TRIL,LOC100506497</i>	1.37	1.08 - 1.74	0.010
4	185.637 - 185.783	rs7658103	rs9685847	<i>IRF2,CASP3</i>	1.37	1.03 - 1.67	0.010
7	38.695 - 38.726	rs12701652	rs11978898	<i>FAM183B,VPS41</i>	1.37	1.07 - 1.74	0.010
13	50.927 - 50.927	rs9568600	rs9535670	<i>INTS6-AS1</i>	0.71	0.55 - 0.92	0.010
13	50.929 - 50.996	rs11148220	rs12867577	<i>INTS6-AS1,MIR4703</i>	0.71	0.55 - 0.92	0.010
13	51.032 - 51.036	rs7332922	rs4941703	<i>MIR4703,WDFY2</i>	0.71	0.55 - 0.92	0.010
13	51.061 - 51.232	rs17531181	rs12856726	<i>WDFY2</i>	0.71	0.55 - 0.92	0.010
4	170.257 - 170.423	rs2706744	rs4692702	<i>SH3RF1</i>	1.37	1.06 - 1.71	0.010
6	41.852 - 41.852	rs3761781	rs3761781	<i>FRS3</i>	0.70	0.54 - 0.92	0.010
6	41.859 - 41.859	rs1342549	rs1342549	<i>PRICKLE4</i>	0.70	0.54 - 0.92	0.010
6	41.866 - 41.960	rs3747751	rs1536703	<i>USP49</i>	0.70	0.54 - 0.92	0.010
7	40.160 - 40.866	rs2024200	rs6971120	<i>SUGCT</i>	1.38	1.04 - 1.7	0.010
2	223.518 - 223.623	rs1473290	rs11890421	<i>ACSL3,KCNE4</i>	1.37	1.08 - 1.75	0.010
13	48.978 - 49.001	rs2031532	rs6561534	<i>PHF11</i>	0.71	0.55 - 0.92	0.010
7	35.266 - 35.309	rs336286	rs990633	<i>TBX20,LOC401324</i>	1.37	1.08 - 1.73	0.010
7	37.964 - 38.158	rs1621407	rs10261592	<i>EPDR1,STARD3NL</i>	1.37	1.06 - 1.71	0.011
13	49.003 - 49.003	rs9568239	rs9568239	<i>PHF11,RCBTB1</i>	0.71	0.55 - 0.92	0.011
13	49.004 - 49.049	rs3186024	rs7981396	<i>RCBTB1</i>	0.71	0.55 - 0.92	0.011

1	108.546 - 108.563	rs828999	rs2152560	<i>SLC25A24,NBPF4</i>	1.36	1.07 - 1.71	0.011
6	41.984 - 41.990	rs3806113	rs11969866	<i>MED20</i>	0.71	0.54 - 0.92	0.011
6	42.000 - 42.006	rs10947996	rs12661819	<i>BYSL</i>	0.71	0.54 - 0.92	0.011
8	70.183 - 70.477	rs10090360	rs6999492	<i>RP11-600K15.1,RP11-74</i>	1.35	1.07 - 1.71	0.011
7	35.239 - 35.250	rs2191883	rs10254475	<i>TBX20</i>	1.36	1.06 - 1.71	0.011
13	52.525 - 53.283	rs4886137	rs962796	<i>OLFM4,LINC00558</i>	0.71	0.58 - 0.97	0.011
4	166.485 - 166.513	rs6817186	rs7666557	<i>MSMO1,CPE</i>	1.37	1.08 - 1.75	0.011
1	107.916 - 108.303	rs2769668	rs2801219	<i>VAV3</i>	1.35	1.06 - 1.69	0.011
2	223.624 - 223.626	rs7602495	rs3795884	<i>KCNE4</i>	1.37	1.08 - 1.75	0.011
1	108.339 - 108.474	rs12563016	rs2000260	<i>VAV3-AS1,SLC25A24</i>	1.35	1.07 - 1.71	0.011
1	108.494 - 108.540	rs11185283	rs685847	<i>SLC25A24</i>	1.35	1.07 - 1.71	0.011
7	38.692 - 38.693	rs12701651	rs17171446	<i>FAM183B</i>	1.37	1.07 - 1.74	0.011
7	38.390 - 38.631	rs2072505	rs12333355	<i>AMPH</i>	1.37	1.05 - 1.7	0.011
4	166.376 - 166.432	rs17842699	rs4588420	<i>KLHL2</i>	1.37	1.06 - 1.74	0.011
4	166.418 - 166.418	rs10016586	rs10016586	<i>GK3P</i>	1.37	1.08 - 1.75	0.011
4	166.472 - 166.482	rs17686351	rs1059209	<i>MSMO1</i>	1.37	1.08 - 1.75	0.011
2	223.435 - 223.510	rs7561624	rs10932980	<i>ACSL3</i>	1.37	1.07 - 1.74	0.011
7	38.184 - 38.235	rs6973458	rs10226230	<i>STARD3NL</i>	1.37	1.07 - 1.74	0.011
1	109.091 - 109.152	rs11102337	rs12409133	<i>STXBP3</i>	1.35	1.07 - 1.7	0.011
1	109.158 - 109.158	rs10494099	rs10494099	<i>STXBP3,AKNAD1</i>	1.35	1.07 - 1.71	0.011
1	109.160 - 109.198	rs1277216	rs17621536	<i>AKNAD1</i>	1.35	1.07 - 1.71	0.011
1	108.312 - 108.338	rs375302	rs2275914	<i>VAV3-AS1</i>	1.35	1.07 - 1.71	0.011
4	171.195 - 171.202	rs7657455	rs12647236	<i>MFAP3L,AADAT</i>	1.36	1.06 - 1.71	0.011
7	38.641 - 38.687	rs10951564	rs6976166	<i>AMPH,FAM183B</i>	1.37	1.07 - 1.74	0.011
7	34.171 - 34.342	rs6966433	rs1419803	<i>BMPER,NPSR1-AS1</i>	1.37	1.05 - 1.71	0.011
13	48.456 - 48.609	rs7999513	rs1983805	<i>FNDC3A</i>	0.71	0.55 - 0.93	0.011
4	171.221 - 171.246	rs4145964	rs991247	<i>AADAT</i>	1.36	1.07 - 1.73	0.012
4	166.122 - 166.167	rs7693977	rs6847301	<i>TRIM61,TRIM60</i>	1.37	1.07 - 1.76	0.012
8	69.307 - 69.370	rs12546271	rs6982836	<i>PREX2,LOC286189</i>	1.35	1.05 - 1.67	0.012
7	38.985 - 39.469	rs10263813	rs12533673	<i>POU6F2</i>	1.37	1.06 - 1.72	0.012
9	37.917 - 38.052	rs12000263	rs12351815	<i>SHB</i>	0.72	0.55 - 0.93	0.012
13	48.687 - 48.687	rs972297	rs972297	<i>FNDC3A,MLNR</i>	0.71	0.55 - 0.93	0.012
13	48.708 - 48.708	rs1013347	rs1013347	<i>MLNR,CDADC1</i>	0.71	0.55 - 0.93	0.012
13	48.722 - 48.760	rs9316434	rs9568177	<i>CDADC1</i>	0.71	0.55 - 0.93	0.012
4	166.242 - 166.250	rs12642069	rs17045969	<i>TMEM192</i>	1.38	1.06 - 1.73	0.012
4	166.264 - 166.332	rs12501259	rs4605609	<i>TMEM192,KLHL2</i>	1.38	1.07 - 1.76	0.012
4	166.112 - 166.117	rs10517825	rs7673304	<i>TRIM61</i>	1.37	1.06 - 1.74	0.012
4	165.534 - 165.880	rs3899632	rs4280690	<i>MARCH1,LINC01207</i>	1.37	1.03 - 1.69	0.012
1	109.461 - 109.549	rs619816	rs17034539	<i>KIAA1324</i>	1.35	1.07 - 1.71	0.012
1	109.552 - 109.552	rs11102957	rs11102957	<i>KIAA1324,SARS</i>	1.35	1.07 - 1.71	0.012
1	109.561 - 109.579	rs687074	rs4268379	<i>SARS</i>	1.35	1.07 - 1.71	0.012
9	6.016 - 6.200	rs343485	rs1342328	<i>RANBP6,IL33</i>	0.72	0.56 - 0.94	0.012
13	49.059 - 49.093	rs1325659	rs2407795	<i>RCBTB1,ARL11</i>	0.71	0.55 - 0.93	0.012
1	107.487 - 107.823	rs4481881	rs7544979	<i>NTNG1</i>	1.35	1.01 - 1.62	0.012
7	33.916 - 34.159	rs7801918	rs10226493	<i>BMPER</i>	1.37	1.02 - 1.66	0.012
4	166.524 - 166.639	rs6855889	rs17046561	<i>CPE</i>	1.36	1.07 - 1.73	0.012
10	112.833 - 113.898	rs602618	rs17129552	<i>ADRA2A,GPAM</i>	1.35	1.02 - 1.64	0.012
7	29.157 - 29.177	rs245889	rs4562212	<i>CPVL,CHN2</i>	1.36	1.07 - 1.73	0.012
1	109.028 - 109.028	rs7544890	rs7544890	<i>HENMT1,PRPF38B</i>	1.35	1.07 - 1.7	0.012
9	6.212 - 6.247	rs11787939	rs16924243	<i>IL33</i>	0.72	0.56 - 0.93	0.012
4	13.259 - 13.719	rs4698326	rs9291621	<i>MIR5091,LINC01085</i>	0.71	0.56 - 0.96	0.012
8	6.899 - 6.902	rs13279849	rs4610776	<i>DEFA5</i>	1.37	1.07 - 1.75	0.012
1	108.655 - 108.690	rs2336016	rs6704264	<i>NBPF4,NBPF6</i>	1.35	1.07 - 1.7	0.012
7	36.461 - 36.514	rs1362272	rs2392446	<i>ANLN,AOAH</i>	1.37	1.07 - 1.74	0.013
1	107.827 - 107.905	rs17019201	rs2769674	<i>NTNG1,VAV3</i>	1.35	1.07 - 1.7	0.013
13	49.101 - 49.102	rs9316470	rs7986690	<i>ARL11</i>	0.72	0.55 - 0.93	0.013

13	49.121 - 49.121	rs9568295	rs9568295	<i>ARL11,EBPL</i>	0.72	0.55 - 0.93	0.013
13	49.142 - 49.164	rs9596166	rs9535301	<i>EBPL</i>	0.72	0.55 - 0.93	0.013
13	49.167 - 49.167	rs7997798	rs7997798	<i>EBPL,KPNA3</i>	0.72	0.55 - 0.93	0.013
13	49.179 - 49.261	rs7996015	rs9562927	<i>KPNA3</i>	0.72	0.55 - 0.93	0.013
4	171.080 - 171.131	rs4076681	rs4622960	<i>RP11-205M3.3</i>	1.36	1.07 - 1.72	0.013
1	109.583 - 109.589	rs611945	rs17035415	<i>SARS,CELSR2</i>	1.35	1.07 - 1.7	0.013
6	42.532 - 42.623	rs7741175	rs6458293	<i>TRERF1,UBR2</i>	0.71	0.55 - 0.93	0.013
13	50.556 - 50.639	rs3803198	rs9563030	<i>LINC00371</i>	0.72	0.56 - 0.94	0.013
4	82.623 - 83.483	rs17005145	rs10516672	<i>RASGEF1B,HNRNPD</i>	0.72	0.55 - 0.94	0.013
2	231.120 - 231.261	rs1678189	rs12995904	<i>SPI100,AC098823.3</i>	1.35	1.06 - 1.7	0.013
4	167.246 - 167.889	rs1391335	rs11943562	<i>TLL1, TES-3</i>	1.36	1.03 - 1.68	0.013
9	37.879 - 37.894	rs2025439	rs7874361	<i>SLC25A51</i>	0.72	0.55 - 0.93	0.013
9	37.895 - 37.895	rs16934592	rs16934592	<i>SLC25A51,SHB</i>	0.72	0.55 - 0.93	0.013
4	165.903 - 165.941	rs17045455	rs9999138	<i>LINC01207</i>	1.37	1.07 - 1.75	0.013
7	34.352 - 34.838	rs1419805	rs17170015	<i>NPSR1-AS1</i>	1.35	1.05 - 1.71	0.013
7	34.844 - 34.866	rs17200455	rs10238983	<i>NPSR1</i>	1.35	1.07 - 1.72	0.013
7	34.909 - 34.911	rs4723388	rs10259097	<i>NPSR1,DPY19L1</i>	1.35	1.07 - 1.72	0.013
7	34.944 - 35.042	rs1649212	rs329271	<i>DPY19L1</i>	1.35	1.07 - 1.72	0.013
7	29.820 - 29.920	rs6958967	rs2072175	<i>WIPF3</i>	1.36	1.07 - 1.74	0.013
6	42.676 - 42.769	rs2025249	rs375435	<i>UBR2</i>	0.72	0.55 - 0.93	0.013
4	171.136 - 171.136	rs17055337	rs17055337	<i>RP11-205M3.3,MFAP3L</i>	1.35	1.07 - 1.72	0.013
4	171.143 - 171.181	rs17055345	rs12646523	<i>MFAP3L</i>	1.35	1.07 - 1.72	0.013
13	48.055 - 48.166	rs2407093	rs9595967	<i>LINC00462,CYSLTR2</i>	0.72	0.57 - 0.95	0.013
4	169.395 - 169.471	rs6552559	rs6846811	<i>DDX60</i>	1.36	1.05 - 1.7	0.014
9	37.861 - 37.876	rs776024	rs10973596	<i>DCAF10,SLC25A51</i>	0.72	0.56 - 0.93	0.014
13	50.648 - 50.688	rs12863194	rs11617882	<i>LINC00371,FAM124A</i>	0.72	0.56 - 0.93	0.014
4	166.646 - 167.012	rs1530044	rs719753	<i>CPE,TLL1</i>	1.36	1.06 - 1.72	0.014
7	41.966 - 42.238	rs7805604	rs10279985	<i>GLI3</i>	1.36	1.06 - 1.73	0.014
13	54.651 - 56.601	rs12862673	rs9527611	<i>MIR5007,PRR20B</i>	0.72	0.56 - 0.95	0.014
7	28.304 - 28.826	rs2175738	rs4722856	<i>CREB5</i>	1.35	1.05 - 1.69	0.014
8	1.766 - 1.890	rs9802017	rs7386942	<i>ARHGEF10</i>	1.37	1.04 - 1.71	0.014
8	6.877 - 6.898	rs11776120	rs4841830	<i>DEFA11P,DEFA5</i>	1.37	1.06 - 1.73	0.014
7	38.286 - 38.338	rs2240829	rs2735171	<i>TARP,TRG-AS1</i>	1.35	1.06 - 1.72	0.014
9	108.672 - 108.810	rs4743034	rs7851411	<i>ZNF462</i>	0.72	0.56 - 0.94	0.014
7	35.177 - 35.188	rs10282424	rs10247437	<i>DPY19L2P1</i>	1.35	1.06 - 1.71	0.014
13	50.470 - 50.538	rs9535553	rs17075276	<i>GUCY1B2</i>	0.72	0.56 - 0.95	0.014
13	50.540 - 50.542	rs9568502	rs9568503	<i>GUCY1B2,LINC00371</i>	0.72	0.56 - 0.94	0.014
4	156.974 - 156.997	rs1968783	rs12647431	<i>ASIC5</i>	1.35	1.06 - 1.71	0.014
4	166.017 - 166.031	rs2068792	rs13144179	<i>APELA</i>	1.36	1.06 - 1.74	0.014
4	166.073 - 166.081	rs17487295	rs4443238	<i>APELA,TRIM61</i>	1.36	1.06 - 1.74	0.014
7	35.047 - 35.082	rs329277	rs17205723	<i>DPY19L1,DPY19L2P1</i>	1.35	1.06 - 1.71	0.014
4	82.566 - 82.609	rs11542053	rs6535252	<i>RASGEF1B</i>	0.72	0.55 - 0.94	0.014
8	2.082 - 2.771	rs2099746	rs341744	<i>MYOM2,CSMD1</i>	1.36	1.06 - 1.73	0.014
7	37.009 - 37.016	rs1424297	rs17170830	<i>ELMO1-AS1</i>	1.36	1.06 - 1.74	0.014
7	37.907 - 37.910	rs1530821	rs17236800	<i>NME8,SFRP4</i>	1.36	1.06 - 1.74	0.014
7	37.911 - 37.920	rs1450859	rs1132552	<i>SFRP4</i>	1.36	1.06 - 1.74	0.014
9	37.793 - 37.848	rs966494	rs16934508	<i>DCAF10</i>	0.72	0.56 - 0.94	0.014
7	30.930 - 30.930	rs1049305	rs11537659	<i>AQP1</i>	1.35	1.06 - 1.72	0.014
9	5.565 - 5.611	rs12684209	rs10975202	<i>PDCD1LG2,KIAA1432</i>	0.72	0.56 - 0.95	0.014
9	6.325 - 6.398	rs7850988	rs10815430	<i>TPD52L3,UHRF2</i>	0.73	0.56 - 0.94	0.014
9	6.407 - 6.476	rs10739098	rs16924631	<i>UHRF2</i>	0.73	0.56 - 0.94	0.014
9	6.508 - 6.515	rs10975622	rs11795213	<i>UHRF2,GLDC</i>	0.73	0.56 - 0.94	0.014
9	6.522 - 6.631	rs10975629	rs1755608	<i>GLDC</i>	0.73	0.56 - 0.94	0.014
4	156.961 - 156.966	rs10032771	rs17033590	<i>GUCY1B3,ASIC5</i>	1.35	1.06 - 1.71	0.014
4	170.888 - 170.907	rs4692741	rs7690466	<i>C4orf27</i>	1.35	1.06 - 1.71	0.014
4	157.046 - 157.061	rs3796551	rs10517627	<i>TDO2</i>	1.35	1.06 - 1.7	0.014

4	157.068 - 157.093	rs6856354	rs7665438	<i>CTSO</i>	1.35	1.06 - 1.71	0.014
20	10.839 - 11.190	rs2144184	rs4239705	<i>RP4-697P8.3,LOC339593</i>	0.71	0.6 - 1.02	0.015
4	165.945 - 166.016	rs17045582	rs17045712	<i>LINC01207,APELA</i>	1.36	1.06 - 1.74	0.015
7	41.697 - 41.698	rs2237435	rs6958234	<i>INHBA</i>	1.36	1.06 - 1.73	0.015
7	41.701 - 41.786	rs2237432	rs12701935	<i>INHBA-AS1</i>	1.36	1.06 - 1.73	0.015
4	169.480 - 169.485	rs605593	rs588919	<i>DDX60,DDX60L</i>	1.35	1.06 - 1.72	0.015
2	222.996 - 223.130	rs6758392	rs5016700	<i>SGPP2</i>	1.36	1.03 - 1.68	0.015
2	223.136 - 223.143	rs1347630	rs13388047	<i>SGPP2,FARSB</i>	1.36	1.06 - 1.73	0.015
2	223.143 - 223.211	rs17564655	rs12617353	<i>FARSB</i>	1.36	1.06 - 1.73	0.015
2	223.238 - 223.239	rs10206383	rs10932966	<i>FARSB,MOGAT1</i>	1.36	1.06 - 1.73	0.015
2	223.246 - 223.279	rs7571732	rs6720527	<i>MOGAT1</i>	1.36	1.06 - 1.73	0.015
9	37.640 - 37.733	rs7021824	rs12551499	<i>FRMPD1</i>	0.72	0.57 - 0.95	0.015
9	37.739 - 37.739	rs10511944	rs10511944	<i>FRMPD1,TRMT10B</i>	0.72	0.56 - 0.94	0.015
9	37.745 - 37.765	rs10814618	rs4878174	<i>TRMT10B</i>	0.72	0.56 - 0.94	0.015
9	37.771 - 37.772	rs3827515	rs10973540	<i>EXOSC3</i>	0.72	0.56 - 0.94	0.015
9	37.778 - 37.789	rs10973545	rs7049213	<i>EXOSC3,DCAF10</i>	0.72	0.56 - 0.94	0.015
4	156.830 - 156.864	rs10008284	rs9993460	<i>GUCY1A3</i>	1.35	1.03 - 1.67	0.015
4	170.172 - 170.250	rs1458292	rs17626617	<i>CBR4,SH3RF1</i>	1.35	1.05 - 1.7	0.015
9	6.256 - 6.303	rs2026991	rs1551761	<i>IL33,TPD52L3</i>	0.73	0.57 - 0.94	0.015
9	6.318 - 6.321	rs3847262	rs16924360	<i>TPD52L3</i>	0.73	0.56 - 0.94	0.015
7	38.245 - 38.246	rs2534599	rs2534600	<i>STARD3NL,TARP</i>	1.35	1.06 - 1.72	0.015
7	38.277 - 38.277	rs10262830	rs10262830	<i>TARP</i>	1.35	1.06 - 1.72	0.015
4	11.041 - 12.964	rs2240901	rs16888592	<i>HS3ST1,RAB28</i>	0.72	0.59 - 1	0.015
5	37.849 - 37.868	rs17379771	rs3096140	<i>GDNF</i>	1.35	1.04 - 1.68	0.015
4	157.012 - 157.043	rs2169108	rs10857287	<i>ASIC5,TDO2</i>	1.34	1.05 - 1.7	0.015
4	170.779 - 170.871	rs12331279	rs2877448	<i>CLCN3</i>	1.35	1.06 - 1.71	0.015
7	36.403 - 36.457	rs1419985	rs3801303	<i>ANLN</i>	1.36	1.06 - 1.73	0.015
8	6.724 - 6.766	rs5743407	rs13265468	<i>DEFB1,DEFA6</i>	1.36	1.01 - 1.66	0.015
13	50.004 - 50.181	rs1239949	rs706593	<i>DLEU1,DLEU7</i>	0.72	0.56 - 0.95	0.015
9	4.588 - 4.651	rs2771	rs301489	<i>SPATA6L</i>	0.72	0.57 - 0.95	0.015
20	11.198 - 11.201	rs6104734	rs6033079	<i>LOC339593</i>	0.71	0.55 - 0.94	0.015
7	36.101 - 36.106	rs12531986	rs2718007	<i>LOC101928618</i>	1.35	1.06 - 1.73	0.015
7	36.113 - 36.158	rs2700882	rs4302748	<i>LOC101928618,EEDP1</i>	1.35	1.06 - 1.73	0.015
4	169.515 - 169.635	rs496945	rs2634959	<i>DDX60L</i>	1.35	1.06 - 1.71	0.015
20	8.062 - 8.811	rs6118083	rs16995375	<i>PLCB1</i>	0.72	0.57 - 0.96	0.015
2	230.988 - 231.114	rs4142872	rs836237	<i>SP100</i>	1.34	1.05 - 1.69	0.015
7	36.336 - 36.391	rs196657	rs197352	<i>KIAA0895</i>	1.35	1.05 - 1.71	0.016
7	30.763 - 30.894	rs1061644	rs10267678	<i>INMT-FAM188B</i>	1.35	1.02 - 1.66	0.016
4	156.905 - 156.940	rs17033482	rs2305981	<i>GUCY1B3</i>	1.34	1.06 - 1.71	0.016
9	5.834 - 5.872	rs10975315	rs10758715	<i>ERMP1,MLANA</i>	0.73	0.58 - 0.96	0.016
4	156.882 - 156.891	rs7661771	rs4691073	<i>GUCY1A3,GUCY1B3</i>	1.34	1.06 - 1.7	0.016
9	6.001 - 6.005	rs10758736	rs343500	<i>RANBP6</i>	0.73	0.56 - 0.94	0.016
20	8.818 - 8.994	rs6140786	rs932584	<i>PLCB1,PLCB4</i>	0.72	0.57 - 0.96	0.016
9	5.883 - 5.890	rs2150703	rs1331380	<i>MLANA</i>	0.73	0.56 - 0.94	0.016
9	5.905 - 5.905	rs10975346	rs10975346	<i>MLANA,KIAA2026</i>	0.73	0.56 - 0.94	0.016
9	5.918 - 5.998	rs10758721	rs12339889	<i>KIAA2026</i>	0.73	0.56 - 0.94	0.016
10	121.708 - 121.708	rs11199134	rs11199134	<i>MIR4682</i>	1.34	1.06 - 1.7	0.016
4	170.551 - 170.740	rs13212	rs4342158	<i>NEK1</i>	1.34	1.06 - 1.71	0.016
4	170.772 - 170.776	rs10008853	rs11935607	<i>NEK1,CLCN3</i>	1.34	1.06 - 1.71	0.016
4	170.439 - 170.538	rs7683893	rs13152305	<i>SH3RF1,NEK1</i>	1.34	1.06 - 1.71	0.016
7	30.901 - 30.903	rs4723021	rs1000597	<i>INMT-FAM188B,AQP1</i>	1.35	1.06 - 1.71	0.016
1	109.622 - 109.622	rs617224	rs17035949	<i>CELSR2,PSRC1</i>	1.33	1.05 - 1.68	0.016
1	109.623 - 109.626	rs599839	rs12095374	<i>PSRC1</i>	1.33	1.06 - 1.69	0.016
1	109.628 - 109.634	rs672569	rs17584208	<i>PSRC1,MYBPHL</i>	1.33	1.06 - 1.69	0.016
2	230.888 - 230.898	rs6731421	rs17330963	<i>SP140,SP140L</i>	1.34	1.05 - 1.69	0.016
2	230.929 - 230.977	rs4972948	rs4364013	<i>SP140L</i>	1.34	1.06 - 1.7	0.016

9	103.543 - 104.319	rs1832333	rs7029589	<i>GRIN3A,LINC00587</i>	0.73	0.59 - 0.98	0.016
8	1.984 - 2.080	rs17064574	rs3407	<i>MYOM2</i>	1.35	1.01 - 1.66	0.016
1	109.616 - 109.619	rs4970834	rs629301	<i>CELSR2</i>	1.33	1.05 - 1.68	0.016
7	31.063 - 31.114	rs11980544	rs1541518	<i>ADCYAP1R1</i>	1.34	1.05 - 1.7	0.016
7	37.930 - 37.957	rs1562829	rs2722278	<i>EPDR1</i>	1.35	1.05 - 1.71	0.016
9	38.069 - 38.378	rs1999095	rs7031628	<i>SHB,ALDH1B1</i>	0.73	0.56 - 0.94	0.016
1	110.416 - 110.454	rs11102050	rs514341	<i>ALX3,UBL4B</i>	1.33	1.04 - 1.67	0.016
8	6.769 - 6.771	rs2738122	rs2741689	<i>DEFA6</i>	1.35	1.06 - 1.73	0.017
20	11.203 - 11.811	rs2327369	rs6078373	<i>LOC339593,BTBD3</i>	0.72	0.55 - 0.94	0.017
8	6.772 - 6.778	rs2741688	rs13251447	<i>DEFA6,DEFA4</i>	1.35	1.06 - 1.73	0.017
9	37.035 - 37.056	rs4483247	rs10973184	<i>PAX5,LOC100506710</i>	0.73	0.57 - 0.96	0.017
8	6.803 - 6.805	rs880145	rs7011854	<i>DEFA9P</i>	1.35	1.05 - 1.73	0.017
8	6.812 - 6.812	rs11989361	rs11989361	<i>DEFA10P</i>	1.35	1.06 - 1.74	0.017
8	6.875 - 6.875	rs6982814	rs6982814	<i>DEFA11P</i>	1.35	1.06 - 1.73	0.017
13	57.206 - 59.126	rs4132014	rs4886188	<i>PCDH17,DIAPH3</i>	0.72	0.57 - 0.97	0.017
7	36.163 - 36.308	rs6947233	rs11763116	<i>EEPDI</i>	1.35	1.05 - 1.71	0.017
7	36.308 - 36.326	rs196626	rs6945386	<i>EEPDI,KIAA0895</i>	1.35	1.06 - 1.72	0.017
10	121.670 - 121.691	rs2271124	rs3981102	<i>SEC23IP</i>	1.34	1.04 - 1.67	0.017
10	121.695 - 121.705	rs7071594	rs10736277	<i>SEC23IP,MIR4682</i>	1.34	1.05 - 1.69	0.017
9	6.712 - 7.164	rs2996060	rs913590	<i>KDM4C</i>	0.73	0.57 - 0.95	0.017
1	108.996 - 108.996	rs10157512	rs10157512	<i>HENMT1</i>	1.33	1.05 - 1.68	0.017
4	166.173 - 166.176	rs12511595	rs13111010	<i>TRIM60</i>	1.35	1.06 - 1.73	0.017
4	166.187 - 166.214	rs11930759	rs4554024	<i>TRIM60,TMEM192</i>	1.35	1.06 - 1.73	0.017
11	46.763 - 46.805	rs11822959	rs1007738	<i>CKAP5</i>	1.33	1.03 - 1.64	0.017
11	46.832 - 46.851	rs6485700	rs11039014	<i>LRP4-AS1</i>	1.33	1.05 - 1.67	0.017
1	109.406 - 109.406	rs10466	rs10466	<i>WDR47,TAF13</i>	1.33	1.05 - 1.69	0.017
1	109.424 - 109.424	rs17838321	rs17838321	<i>TAF13,TMEM167B</i>	1.33	1.05 - 1.69	0.017
1	109.447 - 109.447	rs536934	rs536934	<i>SCARNA2,C1orf194</i>	1.33	1.05 - 1.69	0.017
8	6.780 - 6.780	rs2702867	rs736227	<i>DEFA4</i>	1.35	1.06 - 1.73	0.017
8	6.786 - 6.789	rs3888293	rs2741669	<i>DEFA4,DEFA8P</i>	1.35	1.06 - 1.73	0.017
13	53.802 - 54.637	rs7329690	rs3120868	<i>MIR1297,MIR5007</i>	0.72	0.56 - 0.95	0.017
8	6.799 - 6.802	rs2741657	rs6986138	<i>DEFA8P,DEFA9P</i>	1.35	1.06 - 1.73	0.017
9	4.291 - 4.471	rs4741946	rs4740788	<i>GLIS3,SLC1A1</i>	0.73	0.59 - 0.98	0.017
2	230.608 - 230.642	rs7355333	rs12185739	<i>SLC16A14</i>	1.33	1.05 - 1.69	0.017
2	230.643 - 230.740	rs12475755	rs10210254	<i>SLC16A14,SP110</i>	1.33	1.05 - 1.69	0.017
2	230.811 - 230.868	rs11894821	rs1010491	<i>SP140</i>	1.34	1.03 - 1.67	0.017
21	18.702 - 18.853	rs2824810	rs1740142	<i>TMPRSS15,AL109763.2</i>	1.35	1.05 - 1.71	0.017
7	37.924 - 37.924	rs3807612	rs3807612	<i>SFRP4,EPDR1</i>	1.34	1.05 - 1.71	0.017
7	31.123 - 31.341	rs17159921	rs9655313	<i>ADCYAP1R1,NEUROD6</i>	1.34	1.05 - 1.69	0.017
1	108.853 - 108.900	rs7512836	rs1353722	<i>NBPF6,FAM102B</i>	1.33	1.05 - 1.68	0.017
1	108.907 - 108.978	rs11102040	rs12403362	<i>FAM102B</i>	1.33	1.05 - 1.68	0.017
8	6.867 - 6.870	rs7825750	rs9774483	<i>DEFA1,DEFA11P</i>	1.35	1.05 - 1.73	0.018
1	109.281 - 109.285	rs338485	rs839549	<i>CLCCI</i>	1.33	1.05 - 1.68	0.018
1	109.315 - 109.360	rs536912	rs516371	<i>WDR47</i>	1.33	1.05 - 1.68	0.018
9	109.309 - 110.654	rs4631527	rs1610024	<i>KLF4,ACTL7B</i>	0.73	0.56 - 0.95	0.018
11	49.933 - 49.955	rs1851847	rs12799207	<i>OR4C13,OR4C12</i>	1.32	1.05 - 1.66	0.018
11	49.958 - 49.958	rs10769647	rs10769647	<i>OR4C12</i>	1.32	1.05 - 1.66	0.018
11	49.992 - 50.190	rs1818894	rs12360875	<i>OR4C12,LOC441601</i>	1.32	1.05 - 1.66	0.018
11	50.210 - 50.214	rs11245619	rs11245624	<i>LOC441601</i>	1.32	1.05 - 1.66	0.018
11	50.224 - 50.255	rs10794227	rs4111476	<i>LOC441601,LOC646813</i>	1.32	1.05 - 1.66	0.018
11	50.330 - 50.330	rs3866801	rs3866801	<i>LOC646813</i>	1.32	1.05 - 1.66	0.018
11	50.337 - 51.257	rs691093	rs570811	<i>LOC646813,OR4A5</i>	1.32	1.05 - 1.66	0.018
9	6.644 - 6.685	rs10815461	rs2381485	<i>GLDC,KDM4C</i>	0.73	0.57 - 0.95	0.018
2	231.290 - 231.392	rs10933355	rs7596575	<i>CAB39</i>	1.34	1.05 - 1.69	0.018
11	47.162 - 47.162	rs7937410	rs7937410	<i>PAC3IN3</i>	1.32	1.05 - 1.67	0.018
11	47.182 - 47.188	rs17197710	rs4567413	<i>PAC3IN3,DDB2</i>	1.32	1.05 - 1.67	0.018

11	47.200 - 47.216	rs1685404	rs901746	<i>DDB2</i>	1.32	1.05 - 1.67	0.018
10	121.709 - 122.203	rs3847496	rs10886690	<i>MIR4682,PPAPDC1A</i>	1.34	1.04 - 1.68	0.018
7	38.369 - 38.384	rs2735118	rs17171336	<i>TRG-AS1</i>	1.34	1.05 - 1.71	0.018
4	156.369 - 156.470	rs2342653	rs10008006	<i>NPY2R,MAP9</i>	1.34	1.04 - 1.68	0.018
4	156.482 - 156.517	rs17032846	rs17032944	<i>MAP9</i>	1.34	1.05 - 1.7	0.018
4	156.520 - 156.804	rs7673215	rs41483149	<i>MAP9,GUCY1A3</i>	1.34	1.05 - 1.7	0.018
1	109.202 - 109.202	rs6667820	rs12752417	<i>SPATA42</i>	1.33	1.05 - 1.68	0.018
1	109.205 - 109.209	rs17621922	rs11585358	<i>SPATA42,GPSM2</i>	1.33	1.05 - 1.68	0.018
1	109.226 - 109.272	rs6697438	rs839857	<i>GPSM2</i>	1.33	1.05 - 1.68	0.018
1	109.274 - 109.274	rs1051868	rs12030	<i>CLCCI,GPSM2</i>	1.33	1.05 - 1.68	0.018
1	110.770 - 110.792	rs6658645	rs11102109	<i>LAMTOR5-AS1,PROK1</i>	1.33	1.04 - 1.66	0.018
8	1.900 - 1.907	rs4532638	rs4490884	<i>ARHGEF10,KBTBD11</i>	1.35	1.04 - 1.71	0.018
11	47.799 - 47.813	rs16938631	rs2305982	<i>NUP160</i>	1.32	1.03 - 1.65	0.018
11	47.830 - 47.950	rs6485788	rs7104376	<i>NUP160,PTPRJ</i>	1.32	1.05 - 1.66	0.018
13	50.185 - 50.273	rs2812234	rs9591364	<i>DLEU7</i>	0.73	0.57 - 0.96	0.018
2	230.522 - 230.579	rs6722477	rs2114663	<i>FBXO36</i>	1.33	1.05 - 1.68	0.018
9	5.500 - 5.558	rs16923189	rs7031529	<i>PDCD1LG2</i>	0.73	0.58 - 0.97	0.018
11	47.962 - 48.145	rs1234515	rs11039556	<i>PTPRJ</i>	1.32	1.05 - 1.66	0.018
8	69.039 - 69.305	rs6472364	rs7824298	<i>PREX2</i>	1.33	0.99 - 1.59	0.018
13	53.351 - 53.593	rs7982447	rs7985834	<i>LINC00558,LINC00458</i>	0.73	0.56 - 0.95	0.018
9	5.622 - 5.764	rs4742108	rs10975277	<i>KIAA1432</i>	0.73	0.57 - 0.95	0.018
8	6.256 - 6.485	rs6994734	rs2433147	<i>MCPHI</i>	1.34	1.05 - 1.71	0.018
9	4.480 - 4.572	rs7031998	rs301434	<i>SLC1A1</i>	0.73	0.56 - 0.95	0.018
2	231.280 - 231.280	rs6436970	rs6436970	<i>AC098823.3,CAB39</i>	1.33	1.05 - 1.69	0.018
4	155.970 - 156.347	rs409891	rs10212938	<i>RBM46,NPY2R</i>	1.34	1.03 - 1.66	0.018
11	46.853 - 46.853	rs4752946	rs4752946	<i>LRP4</i>	1.32	1.05 - 1.67	0.018
11	46.915 - 47.132	rs11600292	rs747650	<i>C11orf49</i>	1.32	1.05 - 1.67	0.018
11	49.194 - 49.527	rs12788284	rs7114564	<i>FOLH1,LOC440040</i>	1.32	1.02 - 1.62	0.018
11	49.538 - 49.726	rs11040428	rs10839357	<i>LOC440040</i>	1.32	1.05 - 1.66	0.018
11	49.816 - 49.901	rs10839398	rs1829949	<i>LOC440040,OR4C13</i>	1.32	1.05 - 1.66	0.018
9	4.659 - 4.667	rs7037583	rs10758642	<i>SPATA6L,CDC37L1</i>	0.73	0.56 - 0.95	0.019
9	4.669 - 4.696	rs3758245	rs3174298	<i>CDC37L1</i>	0.73	0.56 - 0.95	0.019
13	47.569 - 47.699	rs1571256	rs9595874	<i>MED4,ITM2B</i>	0.73	0.56 - 0.96	0.019
8	6.250 - 6.250	rs725438	rs725441	<i>LOC100287015</i>	1.34	1.05 - 1.71	0.019
8	70.500 - 70.513	rs7829527	rs769031	<i>RP11-744J10.3</i>	1.32	1.05 - 1.67	0.019
6	41.428 - 41.619	rs2068392	rs2395779	<i>NCR2,FOXP4</i>	0.73	0.6 - 1.01	0.019
1	110.456 - 110.459	rs4641310	rs2168144	<i>UBL4B</i>	1.33	1.05 - 1.68	0.019
1	110.459 - 110.492	rs17669930	rs11102059	<i>UBL4B,SLC6A17</i>	1.33	1.05 - 1.68	0.019
10	120.505 - 120.773	rs11198591	rs10886369	<i>CACUL1,NANOS1</i>	1.33	1.01 - 1.62	0.019
8	6.795 - 6.796	rs6998500	rs2075836	<i>DEFA8P</i>	1.35	1.05 - 1.72	0.019
7	38.387 - 38.387	rs6958539	rs6958539	<i>TRG-AS1,AMPH</i>	1.34	1.05 - 1.7	0.019
11	48.156 - 48.190	rs2047815	rs10742841	<i>PTPRJ,OR4B1</i>	1.32	1.05 - 1.66	0.019
9	102.391 - 102.828	rs1226596	rs16919744	<i>MURC,LPPR1</i>	0.73	0.59 - 0.99	0.019
2	230.340 - 230.478	rs6687	rs1660717	<i>TRIP12</i>	1.33	1.05 - 1.68	0.019
2	230.979 - 230.988	rs6712488	rs13398034	<i>SPI40L,SP100</i>	1.33	1.04 - 1.68	0.019
7	28.253 - 28.298	rs543545	rs849322	<i>JAZF1-AS1,CREB5</i>	1.33	1.04 - 1.68	0.019
2	230.295 - 230.320	rs12465362	rs6756038	<i>DNER,TRIP12</i>	1.33	1.04 - 1.68	0.019
13	53.294 - 53.346	rs9563183	rs1539639	<i>LINC00558</i>	0.73	0.56 - 0.95	0.019
9	37.502 - 37.563	rs12237351	rs10758440	<i>FBXO10</i>	0.73	0.57 - 0.96	0.019
9	37.602 - 37.638	rs7867861	rs4490927	<i>TOMM5,FRMPD1</i>	0.73	0.57 - 0.95	0.019
7	39.723 - 39.731	rs7797693	rs12701757	<i>RALA,LINC00265</i>	1.34	1.05 - 1.7	0.019
4	169.255 - 169.334	rs10440504	rs41339946	<i>ANXA10</i>	1.33	1.04 - 1.69	0.019
4	169.357 - 169.370	rs13108899	rs9685866	<i>ANXA10,DDX60</i>	1.33	1.05 - 1.7	0.019
10	113.937 - 114.025	rs4918723	rs11195864	<i>GPAM,TECTB</i>	1.33	1.04 - 1.67	0.020
13	51.319 - 51.331	rs9535772	rs9535776	<i>LINC00282,CCDC70</i>	0.73	0.57 - 0.95	0.020
13	50.280 - 50.319	rs9535491	rs480243	<i>DLEU7-AS1</i>	0.73	0.57 - 0.96	0.020

13	51.537 - 51.599	rs4497567	rs1886543	<i>NEK5</i>	0.73	0.57 - 0.95	0.020
13	50.389 - 50.409	rs11617366	rs11617018	<i>RNASEH2B</i>	0.73	0.56 - 0.95	0.020
13	50.460 - 50.460	rs9568494	rs9568494	<i>RNASEH2B,GUCY1B2</i>	0.73	0.56 - 0.95	0.020
13	51.499 - 51.499	rs9526823	rs9563089	<i>ALG11,UTP14C</i>	0.73	0.57 - 0.95	0.020
13	51.501 - 51.501	rs3742290	rs3742290	<i>UTP14C</i>	0.73	0.57 - 0.95	0.020
13	51.507 - 51.507	rs9526825	rs9526825	<i>UTP14C,NEK5</i>	0.73	0.57 - 0.95	0.020
2	231.412 - 231.436	rs7579281	rs2918009	<i>CAB39,ITM2C</i>	1.33	1.04 - 1.69	0.020
7	27.839 - 28.175	rs3823945	rs849320	<i>JAZF1</i>	1.33	1 - 1.62	0.020
13	53.598 - 53.598	rs2576127	rs2576125	<i>LINC00458</i>	0.73	0.56 - 0.95	0.020
13	53.606 - 53.781	rs9596918	rs11619551	<i>LINC00458,MIR1297</i>	0.73	0.56 - 0.95	0.020
9	4.581 - 4.581	rs4376542	rs4376542	<i>SLC1A1,SPATA6L</i>	0.73	0.57 - 0.95	0.020
9	5.164 - 5.170	rs7040922	rs12115301	<i>INSL6</i>	0.74	0.58 - 0.97	0.020
9	5.181 - 5.212	rs7850294	rs4425810	<i>INSL6,INSL4</i>	0.74	0.57 - 0.95	0.020
10	114.061 - 114.101	rs17129715	rs943262	<i>GUCY2GP</i>	1.33	1.05 - 1.68	0.020
10	114.110 - 114.122	rs1887139	rs2419620	<i>GUCY2GP,ACSL5</i>	1.33	1.05 - 1.68	0.020
10	114.132 - 114.177	rs11195938	rs8624	<i>ACSL5</i>	1.33	1.05 - 1.68	0.020
13	51.607 - 51.626	rs2408611	rs2296347	<i>NEK3</i>	0.73	0.57 - 0.95	0.020
13	51.679 - 51.847	rs9526845	rs4884452	<i>MRPS31P5,THSD1</i>	0.73	0.57 - 0.95	0.020
13	51.865 - 51.869	rs9536057	rs3803264	<i>THSD1</i>	0.73	0.57 - 0.95	0.020
10	114.197 - 114.549	rs10885348	rs4918778	<i>VTG1A</i>	1.33	1.03 - 1.66	0.020
13	53.783 - 53.784	rs4351942	rs9536676	<i>MIR1297</i>	0.73	0.56 - 0.95	0.020
13	51.891 - 51.905	rs9568732	rs12430144	<i>VPS36</i>	0.73	0.57 - 0.95	0.020
13	51.944 - 51.944	rs11618716	rs11618716	<i>CKAP2</i>	0.73	0.57 - 0.95	0.020
7	39.635 - 39.708	rs11769865	rs2158549	<i>RALA</i>	1.34	1.04 - 1.7	0.020
9	5.224 - 5.224	rs10123458	rs10123458	<i>INSL4</i>	0.74	0.57 - 0.95	0.020
9	5.225 - 5.287	rs10975018	rs7047392	<i>INSL4,RLN2</i>	0.74	0.57 - 0.95	0.020
20	5.077 - 5.124	rs11904988	rs6107592	<i>CDS2</i>	0.73	0.57 - 0.95	0.020
21	18.573 - 18.693	rs17698445	rs2824806	<i>TMPRSS15</i>	1.34	1.01 - 1.65	0.020
1	110.404 - 110.408	rs1027463	rs1077580	<i>ALX3</i>	1.32	1.05 - 1.68	0.020
9	4.783 - 4.851	rs296847	rs295919	<i>RCL1</i>	0.74	0.59 - 0.98	0.020
13	50.355 - 50.382	rs7992845	rs9535526	<i>RNASEH2B-AS1</i>	0.73	0.56 - 0.95	0.020
10	114.032 - 114.050	rs12414593	rs10430630	<i>TECTB</i>	1.33	1.05 - 1.68	0.020
10	114.182 - 114.196	rs2306158	rs6421364	<i>ZDHHC6</i>	1.32	1.05 - 1.68	0.020
13	50.336 - 50.352	rs9535511	rs9535518	<i>DLEU7-AS1,RNASEH2B-AS</i>	0.73	0.57 - 0.96	0.020
4	169.641 - 169.651	rs2712126	rs6819953	<i>DDX60L,PALLD</i>	1.33	1.05 - 1.69	0.020
9	104.827 - 105.658	rs10119152	rs16923411	<i>CYLC2,MIR6130</i>	0.73	0.57 - 0.96	0.020
13	51.345 - 51.393	rs7981766	rs9596616	<i>CCDC70,ATP7B</i>	0.74	0.57 - 0.96	0.021
13	51.405 - 51.467	rs17076111	rs1886538	<i>ATP7B</i>	0.74	0.57 - 0.95	0.021
8	1.646 - 1.694	rs2957055	rs7846610	<i>DLGAP2,CLN8</i>	1.34	1.04 - 1.72	0.021
1	110.580 - 110.625	rs2784149	rs3849182	<i>KCNC4,RP5-1074L1.1</i>	1.32	1.03 - 1.66	0.021
4	177.200 - 177.328	rs11721843	rs10520336	<i>MIR1267</i>	1.33	1.04 - 1.69	0.021
9	7.167 - 7.782	rs932881	rs327754	<i>KDM4C,TMEM261</i>	0.74	0.58 - 0.97	0.021
9	37.354 - 37.411	rs10814520	rs10973329	<i>ZCCHC7,GRHPR</i>	0.74	0.57 - 0.96	0.021
10	113.900 - 113.918	rs1129555	rs2803616	<i>GPAM</i>	1.32	1.04 - 1.68	0.021
9	37.481 - 37.489	rs10814556	rs7022491	<i>POLRIE</i>	0.74	0.57 - 0.96	0.021
13	47.783 - 47.933	rs2804091	rs198584	<i>RBI</i>	0.73	0.57 - 0.96	0.021
13	47.960 - 48.006	rs9332085	rs9316396	<i>RCBTB2</i>	0.73	0.57 - 0.95	0.021
13	48.007 - 48.022	rs9591171	rs3901587	<i>RCBTB2,LINC00462</i>	0.73	0.57 - 0.95	0.021
13	48.052 - 48.052	rs6561463	rs7329865	<i>LINC00462</i>	0.73	0.57 - 0.95	0.021
13	51.334 - 51.339	rs7333241	rs932913	<i>CCDC70</i>	0.74	0.57 - 0.95	0.021
4	176.803 - 177.155	rs7678146	rs7675676	<i>GPM6A</i>	1.32	1.03 - 1.66	0.021
18	8.403 - 8.585	rs649178	rs11660737	<i>PTPRM,RAB12</i>	1.32	1 - 1.6	0.021
13	47.704 - 47.729	rs3809328	rs9332287	<i>ITM2B</i>	0.73	0.57 - 0.95	0.021
13	47.736 - 47.761	rs17071534	rs9591155	<i>ITM2B,LINC00441</i>	0.73	0.57 - 0.95	0.021
7	39.572 - 39.619	rs7777434	rs1113117	<i>YAE1D1</i>	1.33	1.04 - 1.7	0.021
4	156.351 - 156.357	rs10461238	rs17304901	<i>NPY2R</i>	1.33	1.04 - 1.68	0.021

7	39.756 - 39.777	rs1548620	rs10240817	<i>LINC00265</i>	1.33	1.04 - 1.7	0.021
7	39.820 - 39.941	rs12701769	rs11978186	<i>LINC00265,CDK13</i>	1.33	1.04 - 1.7	0.021
7	39.972 - 40.094	rs1082023	rs2302341	<i>CDK13</i>	1.33	1.04 - 1.7	0.021
7	40.106 - 40.125	rs17171655	rs17171658	<i>CDK13,MPLKIP</i>	1.33	1.04 - 1.7	0.021
4	168.398 - 169.248	rs17600543	rs6845007	<i>TES-3,ANXA10</i>	1.33	1.01 - 1.64	0.021
8	69.379 - 69.402	rs2692030	rs6992956	<i>LOC286189</i>	1.32	1.04 - 1.67	0.021
6	32.273 - 32.300	rs2071278	rs391755	<i>NOTCH4</i>	0.74	0.57 - 0.96	0.021
4	177.166 - 177.193	rs7690984	rs7665552	<i>GPM6A,MIR1267</i>	1.33	1.04 - 1.68	0.021
9	37.416 - 37.426	rs2768659	rs7867764	<i>GRHPR</i>	0.74	0.57 - 0.96	0.021
9	37.429 - 37.444	rs7022431	rs309444	<i>ZBTB5</i>	0.74	0.57 - 0.96	0.021
6	31.548 - 31.548	rs3828886	rs3828886	<i>HCG26</i>	0.74	0.57 - 0.96	0.021
6	31.556 - 31.565	rs2248617	rs9267280	<i>HCG26,MICB</i>	0.74	0.57 - 0.96	0.021
6	31.573 - 31.573	rs3094005	rs2534674	<i>MICB</i>	0.74	0.57 - 0.96	0.021
6	31.589 - 31.602	rs3132458	rs2734573	<i>MICB,MCCD1</i>	0.74	0.57 - 0.96	0.021
6	31.605 - 31.605	rs3115537	rs3115537	<i>MCCD1</i>	0.74	0.57 - 0.96	0.021
6	31.606 - 31.621	rs3093978	rs2523503	<i>ATP6V1G2-DDX39B</i>	0.74	0.57 - 0.96	0.021
9	104.471 - 104.796	rs4422822	rs1417704	<i>LINC00587,CYLC2</i>	0.74	0.57 - 0.96	0.021
9	104.798 - 104.820	rs10115583	rs13289480	<i>CYLC2</i>	0.74	0.57 - 0.96	0.021
9	37.076 - 37.077	rs2279557	rs2279556	<i>LOC100506710</i>	0.74	0.57 - 0.96	0.021
9	37.082 - 37.098	rs7872067	rs13293339	<i>LOC100506710,ZCCHC7</i>	0.74	0.57 - 0.96	0.021
9	37.115 - 37.344	rs12376809	rs7043792	<i>ZCCHC7</i>	0.74	0.57 - 0.96	0.021
10	120.966 - 121.199	rs4336954	rs7896882	<i>GRK5</i>	1.32	1.04 - 1.68	0.021
6	32.302 - 32.351	rs510321	rs1559874	<i>NOTCH4,C6orf10</i>	0.74	0.57 - 0.96	0.022
2	231.441 - 231.446	rs3111754	rs4972973	<i>ITM2C</i>	1.32	1.04 - 1.68	0.022
7	39.472 - 39.564	rs2052018	rs7808493	<i>POU6F2,YAE1D1</i>	1.33	1.04 - 1.7	0.022
5	37.789 - 37.841	rs2366673	rs11748343	<i>WDR70,GDNF</i>	1.32	1.04 - 1.67	0.022
13	47.774 - 47.774	rs3092871	rs3092871	<i>LINC00441</i>	0.74	0.57 - 0.96	0.022
13	47.909 - 47.914	rs17071716	rs1951775	<i>LPAR6,RB1</i>	0.74	0.57 - 0.96	0.022
18	9.613 - 9.690	rs11872991	rs1869734	<i>PPP4R1,RAB31</i>	1.32	1.04 - 1.67	0.022
9	3.814 - 4.291	rs7049103	rs4741944	<i>GLIS3</i>	0.74	0.61 - 1.01	0.022
9	36.823 - 37.024	rs11998791	rs3758180	<i>PAX5</i>	0.74	0.61 - 1.02	0.022
20	7.960 - 8.059	rs6039012	rs932491	<i>TMX4,PLCB1</i>	0.74	0.57 - 0.96	0.022
9	5.775 - 5.823	rs2797519	rs10975309	<i>ERMP1</i>	0.74	0.58 - 0.96	0.022
10	117.805 - 118.018	rs180556	rs2074986	<i>GFRA1</i>	1.33	1.02 - 1.64	0.022
13	52.216 - 52.278	rs9536269	rs9568763	<i>LECT1,MIR759</i>	0.74	0.58 - 0.97	0.022
18	9.468 - 9.528	rs1561998	rs16955222	<i>RALBP1</i>	1.32	1.03 - 1.64	0.022
18	9.541 - 9.599	rs745218	rs627112	<i>PPP4R1</i>	1.32	1.04 - 1.67	0.022
13	47.554 - 47.564	rs11841517	rs9316349	<i>MED4</i>	0.74	0.59 - 1	0.022
9	4.855 - 4.966	rs12554461	rs10124001	<i>RCL1,JAK2</i>	0.74	0.57 - 0.96	0.022
6	71.629 - 71.724	rs2038477	rs6900011	<i>B3GAT2</i>	0.73	0.57 - 0.97	0.022
6	71.724 - 72.050	rs10945275	rs7748559	<i>B3GAT2,OGFRL1</i>	0.73	0.56 - 0.96	0.022
7	152.191 - 153.207	rs7787149	rs38993	<i>ACTR3B,DPP6</i>	0.73	0.59 - 1.02	0.022
21	18.873 - 19.052	rs17002710	rs11702521	<i>AL109763.2</i>	1.34	1.03 - 1.69	0.022
21	19.062 - 21.033	rs2825080	rs7283057	<i>AL109763.2,LINC00320</i>	1.34	1.04 - 1.71	0.022
6	31.434 - 31.470	rs2523591	rs2523467	<i>HLA-B,MICA</i>	0.74	0.6 - 1	0.022
6	31.526 - 31.537	rs2523693	rs3094228	<i>MICA,HCP5</i>	0.74	0.57 - 0.96	0.022
6	31.543 - 31.545	rs2516518	rs2395031	<i>HCP5,HCG26</i>	0.74	0.57 - 0.96	0.022
11	48.194 - 48.194	rs1875697	rs1566737	<i>OR4B1</i>	1.31	1.04 - 1.65	0.022
8	1.436 - 1.641	rs2286217	rs2957054	<i>DLGAP2</i>	1.34	1.02 - 1.68	0.022
6	43.973 - 44.013	rs1570986	rs9381266	<i>LOC100132354</i>	0.73	0.59 - 0.99	0.023
1	109.638 - 109.645	rs17036114	rs11583969	<i>MYBPHL</i>	1.31	1.04 - 1.66	0.023
20	7.910 - 7.925	rs1058007	rs6055446	<i>TMX4</i>	0.74	0.57 - 0.97	0.023
1	110.499 - 110.538	rs877068	rs2761441	<i>SLC6A17</i>	1.32	1.04 - 1.66	0.023
6	70.159 - 70.430	rs12525747	rs6455336	<i>BAI3,LMBRD1</i>	0.73	0.56 - 0.96	0.023
4	186.743 - 187.100	rs6823490	rs4862603	<i>SORBS2</i>	1.32	1.02 - 1.67	0.023
6	32.231 - 32.231	rs2269425	rs2269425	<i>PPT2-EGFL8</i>	0.74	0.57 - 0.96	0.023

6	32.248 - 32.249	rs3130284	rs408359	<i>AGPAT1</i>	0.74	0.57 - 0.96	0.023
1	110.823 - 110.836	rs6677767	rs6537663	<i>CYMP</i>	1.31	1.04 - 1.66	0.023
1	110.833 - 110.833	rs925972	rs925971	<i>LOC440602</i>	1.31	1.04 - 1.66	0.023
1	110.838 - 110.859	rs17630160	rs1281177	<i>CYMP,KCNA10</i>	1.31	1.04 - 1.66	0.023
1	110.862 - 110.863	rs3748731	rs3768456	<i>KCNA10</i>	1.31	1.04 - 1.66	0.023
1	110.867 - 110.929	rs1281189	rs7546799	<i>KCNA10,KCNA2</i>	1.31	1.04 - 1.66	0.023
13	56.647 - 57.088	rs9537647	rs2592875	<i>PRR20E,PCDH17</i>	0.74	0.57 - 0.96	0.023
9	104.336 - 104.459	rs16921774	rs7875761	<i>LINC00587</i>	0.74	0.57 - 0.96	0.023
4	155.633 - 155.668	rs17301943	rs10008078	<i>DCHS2,PLRG1</i>	1.32	1.03 - 1.67	0.023
7	28.195 - 28.245	rs550448	rs4722771	<i>JAZF1-AS1</i>	1.32	1.04 - 1.68	0.023
1	110.377 - 110.398	rs333076	rs17025371	<i>STRIP1</i>	1.32	1.04 - 1.67	0.023
18	9.700 - 9.852	rs1455586	rs640173	<i>RAB31</i>	1.32	1.03 - 1.66	0.023
6	32.269 - 32.269	rs12663103	rs204989	<i>GPSM3</i>	0.74	0.57 - 0.96	0.023
8	6.609 - 6.649	rs10106377	rs12381528	<i>AGPAT5,XKR5</i>	1.33	1.03 - 1.69	0.023
7	31.347 - 31.347	rs2233402	rs2233398	<i>NEUROD6</i>	1.32	1.04 - 1.68	0.024
8	1.704 - 1.720	rs7461159	rs7827285	<i>CLN8</i>	1.33	1.04 - 1.71	0.024
8	1.740 - 1.744	rs41376544	rs10097786	<i>CLN8,MIR596</i>	1.33	1.04 - 1.71	0.024
8	1.757 - 1.758	rs11136428	rs4641109	<i>MIR596,ARHGFE10</i>	1.33	1.04 - 1.71	0.024
4	155.374 - 155.628	rs17031277	rs871540	<i>DCHS2</i>	1.32	0.98 - 1.6	0.024
13	52.296 - 52.311	rs7325537	rs7337857	<i>MIR759,PCDH8</i>	0.74	0.57 - 0.96	0.024
6	69.402 - 70.154	rs2256337	rs1328735	<i>BAI3</i>	0.73	0.58 - 0.98	0.024
18	9.400 - 9.454	rs8090974	rs329026	<i>TWSG1,RALBP1</i>	1.31	1.01 - 1.62	0.024
10	121.595 - 121.623	rs7072945	rs2456715	<i>MCMBP</i>	1.32	1.04 - 1.67	0.024
10	121.630 - 121.632	rs2939932	rs2475317	<i>MCMBP,SEC23IP</i>	1.32	1.04 - 1.67	0.024
5	37.436 - 37.786	rs6876447	rs13188890	<i>WDR70</i>	1.32	1.03 - 1.67	0.024
10	122.334 - 122.795	rs12776072	rs7911360	<i>MIR5694</i>	1.32	1.03 - 1.67	0.024
10	120.939 - 120.953	rs1889742	rs10886419	<i>PRDX3,GRK5</i>	1.32	1.02 - 1.64	0.024
4	176.142 - 176.786	rs4695994	rs2333243	<i>ADAM29,GPM6A</i>	1.32	1.03 - 1.66	0.024
1	110.804 - 110.821	rs17025817	rs1538611	<i>PROK1,CYMP</i>	1.31	1.03 - 1.65	0.024
1	110.561 - 110.578	rs615204	rs11578913	<i>KCNC4</i>	1.31	1.04 - 1.66	0.024
9	4.983 - 5.100	rs6476934	rs17425637	<i>JAK2</i>	0.74	0.58 - 0.96	0.024
10	124.267 - 124.295	rs2736928	rs6606641	<i>HTRA1,DMBT1</i>	1.32	1.04 - 1.67	0.024
10	124.312 - 124.389	rs2981756	rs2261655	<i>DMBT1</i>	1.32	1.04 - 1.67	0.024
12	128.961 - 129.078	rs12297883	rs708343	<i>TMEM132D,RP11-474D1.3</i>	1.33	1.02 - 1.67	0.024
4	83.634 - 83.700	rs4544702	rs4693457	<i>TMEM150C</i>	0.74	0.57 - 0.96	0.024
8	1.501 - 1.555	rs3815235	rs2957091	<i>RP11-666119.2</i>	1.33	1.03 - 1.7	0.025
10	124.213 - 124.265	rs2248799	rs2736927	<i>HTRA1</i>	1.32	1.03 - 1.67	0.025
6	71.075 - 71.174	rs533071	rs1075262	<i>COL9A1,FAM135A</i>	0.74	0.58 - 0.99	0.025
6	71.182 - 71.325	rs9294868	rs7755334	<i>FAM135A</i>	0.74	0.57 - 0.96	0.025
6	71.334 - 71.354	rs12216376	rs10945231	<i>C6orf57</i>	0.74	0.57 - 0.96	0.025
1	110.632 - 110.676	rs626971	rs11102091	<i>RP5-1074L1.1</i>	1.31	1.03 - 1.65	0.025
1	110.687 - 110.687	rs1572263	rs1572263	<i>RBM15</i>	1.31	1.04 - 1.66	0.025
1	110.706 - 110.732	rs10857820	rs17025736	<i>SLC16A4</i>	1.31	1.04 - 1.66	0.025
1	110.751 - 110.751	rs11102099	rs11102099	<i>LAMTOR5</i>	1.31	1.04 - 1.66	0.025
1	110.759 - 110.759	rs11102100	rs17627329	<i>LAMTOR5-AS1</i>	1.31	1.04 - 1.66	0.025
11	47.226 - 47.226	rs7118396	rs7118396	<i>ACP2,NR1H3</i>	1.30	1.03 - 1.65	0.025
11	47.229 - 47.243	rs12575157	rs326213	<i>NR1H3</i>	1.30	1.03 - 1.65	0.025
11	47.251 - 47.263	rs10501321	rs1051006	<i>MADD</i>	1.30	1.03 - 1.65	0.025
11	47.311 - 47.319	rs1052373	rs10838696	<i>MYBPC3</i>	1.30	1.03 - 1.65	0.025
11	47.349 - 47.350	rs11039212	rs11039213	<i>SPI1</i>	1.30	1.03 - 1.65	0.025
11	47.360 - 47.385	rs11828339	rs4752999	<i>SPI1,SLC39A13</i>	1.30	1.03 - 1.65	0.025
11	47.405 - 47.411	rs12292911	rs10742805	<i>PSMC3,RAPSN</i>	1.30	1.03 - 1.65	0.025
11	47.453 - 47.453	rs7102372	rs7102372	<i>CELF1</i>	1.30	1.03 - 1.65	0.025
11	47.558 - 47.562	rs908597	rs4147730	<i>NDUFS3</i>	1.30	1.03 - 1.65	0.025
11	47.581 - 47.585	rs12419692	rs4752786	<i>C1QTNF4,MTCH2</i>	1.30	1.03 - 1.65	0.025
11	47.604 - 47.607	rs4752856	rs3817334	<i>MTCH2</i>	1.30	1.03 - 1.65	0.025

11	47.629 - 47.629	rs10838739	rs10838739	<i>MTCH2,AGBL2</i>	1.30	1.03 - 1.65	0.025
11	47.641 - 47.692	rs11039329	rs4752863	<i>AGBL2</i>	1.30	1.03 - 1.65	0.025
11	47.709 - 47.730	rs17788930	rs6485775	<i>FNBP4</i>	1.30	1.03 - 1.65	0.025
6	31.794 - 31.797	rs1065356	rs805292	<i>LY6G6C</i>	0.74	0.57 - 0.96	0.025
6	31.819 - 31.838	rs2293861	rs707937	<i>MSH5-SAPCD1</i>	0.74	0.57 - 0.96	0.025
6	31.837 - 31.837	rs1802127	rs1802127	<i>MSH5</i>	0.74	0.57 - 0.96	0.025
6	31.850 - 31.850	rs707928	rs707928	<i>VWA7</i>	0.74	0.57 - 0.96	0.025
6	31.872 - 31.872	rs480092	rs480092	<i>LSM2</i>	0.74	0.57 - 0.96	0.025
6	31.885 - 31.885	rs2075800	rs2075800	<i>HSPAIL</i>	0.74	0.57 - 0.96	0.025
6	31.944 - 31.945	rs11965547	rs660594	<i>SLC44A4</i>	0.74	0.57 - 0.96	0.025
6	32.140 - 32.174	rs7766862	rs13199524	<i>TNXB</i>	0.74	0.57 - 0.96	0.025
6	32.200 - 32.200	rs1269851	rs1269851	<i>ATF6B</i>	0.74	0.57 - 0.96	0.025
6	71.358 - 71.429	rs9455176	rs781977	<i>C6orf57,SMAP1</i>	0.74	0.57 - 0.97	0.025
6	70.444 - 70.561	rs9360397	rs9354890	<i>LMBRD1</i>	0.73	0.56 - 0.96	0.025
6	70.564 - 70.630	rs3806960	rs1934898	<i>LMBRD1,COL19A1</i>	0.73	0.56 - 0.96	0.025
8	6.688 - 6.712	rs2702844	rs2702833	<i>GSI-24F4.2,DEFB1</i>	1.33	1.04 - 1.7	0.025
20	4.946 - 5.025	rs8126456	rs6053108	<i>SLC23A2,TMEM230</i>	0.74	0.58 - 0.97	0.025
4	13.143 - 13.149	rs10939484	rs12501307	<i>LINC01097,NKX3-2</i>	0.74	0.57 - 0.97	0.025
4	13.168 - 13.173	rs1015500	rs16888831	<i>LINC01096,BOD1L1</i>	0.74	0.56 - 0.96	0.025
4	13.180 - 13.235	rs7661090	rs4698090	<i>BOD1L1</i>	0.74	0.56 - 0.96	0.025
4	13.238 - 13.238	rs12499127	rs12499127	<i>BOD1L1;MIR5091</i>	0.74	0.56 - 0.96	0.025
4	13.239 - 13.239	rs10030938	rs10030938	<i>MIR5091</i>	0.74	0.56 - 0.96	0.025
4	13.722 - 13.742	rs2204618	rs3909655	<i>LINC01085</i>	0.74	0.57 - 0.97	0.025
4	13.759 - 14.519	rs3909663	rs7674868	<i>LINC01085,CPEB2-AS1</i>	0.74	0.57 - 0.96	0.025
6	71.433 - 71.625	rs781982	rs576516	<i>SMAP1</i>	0.74	0.57 - 0.96	0.025
10	124.204 - 124.205	rs2736911	rs3750848	<i>ARMS2</i>	1.32	1.04 - 1.67	0.025
4	83.754 - 83.756	rs10004759	rs906149	<i>LINC00575</i>	0.74	0.57 - 0.97	0.025
4	83.765 - 83.766	rs11099544	rs4693468	<i>LINC00575,SCD5</i>	0.74	0.57 - 0.96	0.025
4	83.773 - 83.936	rs7691733	rs6825798	<i>SCD5</i>	0.74	0.57 - 0.96	0.025
6	70.632 - 70.974	rs1340960	rs1200575	<i>COL19A1</i>	0.73	0.57 - 0.97	0.025
6	70.980 - 70.981	rs555313	rs559027	<i>COL19A1,COL9A1</i>	0.73	0.56 - 0.96	0.025
6	70.982 - 71.069	rs477680	rs6916646	<i>COL9A1</i>	0.73	0.56 - 0.96	0.025
8	2.784 - 4.840	rs677227	rs3886808	<i>CSMD1</i>	1.32	0.98 - 1.59	0.025
6	32.035 - 32.041	rs440454	rs492899	<i>SKIV2L</i>	0.74	0.58 - 0.97	0.025
6	32.049 - 32.049	rs387608	rs387608	<i>STK19</i>	0.74	0.57 - 0.96	0.025
5	37.409 - 37.412	rs12109225	rs217838	<i>NUP155,WDR70</i>	1.32	1.03 - 1.67	0.025
5	38.297 - 38.496	rs16903908	rs6890532	<i>EGFLAM</i>	1.32	1.03 - 1.67	0.025
9	5.444 - 5.461	rs12004327	rs6476976	<i>CD274</i>	0.74	0.58 - 0.98	0.025
1	231.194 - 231.495	rs743195	rs6701999	<i>PCNXL2</i>	1.32	0.99 - 1.63	0.025
4	83.512 - 83.512	rs17485108	rs17485108	<i>HNRNP</i>	0.74	0.57 - 0.96	0.025
4	83.519 - 83.558	rs7668877	rs12503762	<i>HNRNP,HNRNPDL</i>	0.74	0.57 - 0.96	0.025
5	177.994 - 178.069	rs6869889	rs4266420	<i>CLK4,ZNF354A</i>	1.31	1.02 - 1.65	0.025
7	31.348 - 31.516	rs2215617	rs1154846	<i>NEUROD6,CCDC129</i>	1.32	1.03 - 1.68	0.025
10	122.208 - 122.334	rs1041168	rs41514247	<i>PPAPDC1A</i>	1.32	1.02 - 1.65	0.025
11	48.198 - 48.216	rs4752917	rs10838842	<i>OR4B1,OR4X2</i>	1.30	1.03 - 1.64	0.025
11	48.225 - 48.225	rs12577190	rs12577190	<i>OR4X2</i>	1.30	1.03 - 1.64	0.025
11	48.234 - 48.236	rs877719	rs931770	<i>OR4X2,OR4X1</i>	1.30	1.03 - 1.64	0.025
11	48.242 - 48.242	rs713323	rs10838852	<i>OR4X1</i>	1.30	1.03 - 1.64	0.025
11	48.249 - 48.254	rs6485822	rs11039633	<i>OR4X1,OR4S1</i>	1.30	1.03 - 1.64	0.025
11	48.297 - 48.297	rs10839502	rs10839502	<i>OR4S1,OR4C3</i>	1.30	1.03 - 1.64	0.025
11	48.302 - 48.302	rs11039678	rs7949865	<i>OR4C3</i>	1.30	1.03 - 1.64	0.025
11	48.305 - 48.318	rs10769662	rs2904429	<i>OR4C3,OR4C45</i>	1.30	1.03 - 1.64	0.025
11	48.337 - 48.439	rs7948222	rs1945180	<i>OR4C45,OR4A47</i>	1.30	1.03 - 1.64	0.025
8	6.653 - 6.677	rs17078199	rs2741098	<i>XKR5</i>	1.33	1.03 - 1.69	0.026
8	6.681 - 6.682	rs9772308	rs2977802	<i>GSI-24F4.2</i>	1.33	1.04 - 1.7	0.026
5	36.736 - 36.884	rs1019770	rs158409	<i>SLC1A3,LOC646719</i>	1.31	1.02 - 1.65	0.026

5	36.923 - 37.088	rs158622	rs6868809	<i>NIPBL</i>	1.31	1.03 - 1.67	0.026
10	121.484 - 121.578	rs196225	rs1063224	<i>INPP5F</i>	1.31	1.03 - 1.65	0.026
9	5.124 - 5.138	rs7038687	rs10118930	<i>JAK2,INSL6</i>	0.75	0.58 - 0.97	0.026
4	83.563 - 83.568	rs9316	rs6826022	<i>HNRNPDL</i>	0.74	0.57 - 0.96	0.026
4	83.577 - 83.599	rs10516674	rs3796472	<i>ENOPHI</i>	0.74	0.57 - 0.96	0.026
4	83.622 - 83.622	rs12650444	rs12650444	<i>ENOPHI,TMEM150C</i>	0.74	0.57 - 0.96	0.026
6	31.747 - 31.747	rs2142234	rs11961444	<i>LY6G5B</i>	0.75	0.58 - 0.97	0.026
5	37.111 - 37.111	rs6861906	rs6861906	<i>NIPBL,C5orf42</i>	1.31	1.03 - 1.67	0.026
5	37.163 - 37.269	rs301892	rs13177573	<i>C5orf42</i>	1.31	1.03 - 1.67	0.026
9	3.540 - 3.811	rs10814235	rs7036785	<i>RFX3,GLIS3</i>	0.75	0.58 - 0.97	0.026
9	5.307 - 5.318	rs7848509	rs10758680	<i>RLN2,RLN1</i>	0.75	0.58 - 0.97	0.026
1	110.794 - 110.800	rs1857512	rs7514102	<i>PROK1</i>	1.31	1.03 - 1.65	0.026
5	38.502 - 38.502	rs16903982	rs7715490	<i>EGFLAM,LIFR</i>	1.32	1.03 - 1.68	0.026
9	107.258 - 107.354	rs10991660	rs10491808	<i>FSD1L</i>	0.74	0.58 - 0.98	0.026
4	83.721 - 83.751	rs2056411	rs17005848	<i>TMEM150C,LINC00575</i>	0.74	0.57 - 0.97	0.026
6	31.964 - 31.964	rs486416	rs486416	<i>EHMT2</i>	0.75	0.58 - 0.97	0.026
6	31.991 - 32.005	rs9267673	rs9283893	<i>C2</i>	0.75	0.58 - 0.97	0.026
6	32.016 - 32.016	rs638383	rs638383	<i>LOC102060414</i>	0.75	0.58 - 0.97	0.026
6	32.024 - 32.027	rs4151654	rs2072633	<i>CFB</i>	0.75	0.58 - 0.97	0.026
6	32.027 - 32.032	rs522162	rs403569	<i>NELFE</i>	0.75	0.58 - 0.97	0.026
9	5.326 - 5.326	rs1885497	rs1885498	<i>RLN1</i>	0.75	0.58 - 0.97	0.026
9	5.336 - 5.344	rs7859081	rs10815188	<i>RLN1,PLGRKT</i>	0.75	0.58 - 0.97	0.026
10	124.025 - 124.083	rs7893461	rs10788281	<i>BTBD16</i>	1.31	1.03 - 1.66	0.026
9	107.360 - 107.435	rs2518116	rs2518106	<i>FKTN</i>	0.74	0.57 - 0.97	0.026
9	107.449 - 107.449	rs885954	rs17251166	<i>FKTN,TAL2</i>	0.74	0.57 - 0.97	0.026
9	107.465 - 107.465	rs7874737	rs7874737	<i>TAL2</i>	0.74	0.57 - 0.97	0.026
9	107.470 - 107.492	rs12340630	rs10816297	<i>TAL2,TMEM38B</i>	0.74	0.57 - 0.97	0.026
13	52.149 - 52.149	rs9526974	rs9526974	<i>SUGT1</i>	0.75	0.58 - 0.97	0.026
13	52.164 - 52.171	rs6561682	rs4261418	<i>SUGT1,LECT1</i>	0.75	0.58 - 0.97	0.026
13	52.185 - 52.185	rs2147692	rs2147692	<i>LECT1</i>	0.75	0.58 - 0.97	0.026
20	5.046 - 5.047	rs3730428	rs17349	<i>PCNA</i>	0.75	0.57 - 0.97	0.026
5	178.076 - 178.081	rs10044496	rs4579271	<i>ZNF354A</i>	1.31	1.03 - 1.66	0.026
5	178.094 - 178.112	rs6868122	rs4280887	<i>ZNF354A,AACSP1</i>	1.31	1.03 - 1.66	0.026
4	185.547 - 185.628	rs3775545	rs13146124	<i>IRF2</i>	1.31	0.99 - 1.61	0.026
8	6.348 - 6.404	rs2959793	rs2959768	<i>ANGPT2,MCPHI</i>	1.32	1.03 - 1.67	0.026
20	7.870 - 7.905	rs16994212	rs6140479	<i>HAO1,TMX4</i>	0.74	0.59 - 0.98	0.026
5	37.317 - 37.321	rs9292651	rs7724176	<i>C5orf42,NUP155</i>	1.31	1.03 - 1.67	0.026
5	37.334 - 37.405	rs216400	rs12054703	<i>NUP155</i>	1.31	1.03 - 1.67	0.026
13	57.113 - 57.189	rs9527675	rs10161735	<i>PCDH17</i>	0.74	0.57 - 0.97	0.026
4	176.078 - 176.132	rs12512467	rs7682293	<i>ADAM29</i>	1.31	1.01 - 1.63	0.026
6	32.376 - 32.444	rs11969268	rs3129934	<i>C6orf10</i>	0.75	0.58 - 0.97	0.027
6	32.449 - 32.465	rs9268402	rs17423649	<i>C6orf10,HCG23</i>	0.75	0.58 - 0.97	0.027
6	32.467 - 32.468	rs17495612	rs7744293	<i>HCG23</i>	0.75	0.58 - 0.97	0.027
6	32.469 - 32.469	rs3129953	rs3129953	<i>BTNL2,HCG23</i>	0.75	0.58 - 0.97	0.027
6	32.471 - 32.482	rs2076533	rs3763308	<i>BTNL2</i>	0.75	0.58 - 0.97	0.027
6	32.491 - 32.512	rs6930933	rs5000563	<i>BTNL2,HLA-DRA</i>	0.75	0.58 - 0.97	0.027
6	32.515 - 32.520	rs3129872	rs1051336	<i>HLA-DRA</i>	0.75	0.58 - 0.97	0.027
4	186.702 - 186.741	rs4293825	rs13123101	<i>PDLIM3,SORBS2</i>	1.32	1.03 - 1.68	0.027
6	44.085 - 44.187	rs9357427	rs12526662	<i>C6orf223,MRPL14</i>	0.74	0.57 - 0.97	0.027
8	6.492 - 6.550	rs2912002	rs2114060	<i>MCPHI,AGPAT5</i>	1.32	1.02 - 1.67	0.027
4	167.018 - 167.241	rs6821864	rs2279724	<i>TLL1</i>	1.32	1.03 - 1.67	0.027
10	121.429 - 121.460	rs196298	rs10466211	<i>BAG3,INPP5F</i>	1.31	1.03 - 1.66	0.027
11	46.260 - 46.289	rs11038851	rs4625425	<i>CREB3L1</i>	1.30	1.03 - 1.64	0.027
13	52.050 - 52.058	rs4307828	rs1805200	<i>TPTE2P3</i>	0.75	0.58 - 0.97	0.027
13	52.075 - 52.081	rs9526951	rs9536195	<i>TPTE2P3,HNRNPAIL2</i>	0.75	0.58 - 0.97	0.027
13	52.097 - 52.116	rs2575960	rs342774	<i>HNRNPAIL2</i>	0.75	0.58 - 0.97	0.027

9	5.469 - 5.478	rs7043593	rs16923180	<i>CD274,PDCD1LG2</i>	0.75	0.58 - 0.97	0.027
4	177.343 - 177.354	rs10004325	rs1905184	<i>SPATA4</i>	1.31	1.03 - 1.66	0.027
4	177.354 - 177.366	rs9312592	rs1482657	<i>SPATA4,ASB5</i>	1.31	1.03 - 1.67	0.027
5	38.437 - 38.437	rs3110992	rs3110992	<i>EGFLAM-AS2</i>	1.32	1.03 - 1.68	0.027
5	174.369 - 174.799	rs17743059	rs28465440	<i>FLJ16171,DRD1</i>	1.31	0.95 - 1.54	0.027
11	55.096 - 55.096	rs559449	rs559449	<i>OR4C16</i>	1.30	1.03 - 1.63	0.027
11	55.201 - 55.263	rs295635	rs12797173	<i>OR4C6,OR5D13</i>	1.30	1.03 - 1.63	0.027
11	55.334 - 55.334	rs984371	rs984371	<i>OR5D14,OR5L1</i>	1.30	1.03 - 1.63	0.027
11	55.339 - 55.339	rs1993921	rs1993921	<i>OR5L1,OR5D18</i>	1.30	1.03 - 1.63	0.027
11	55.351 - 55.351	rs7102394	rs7102394	<i>OR5L2</i>	1.30	1.03 - 1.63	0.027
11	55.377 - 55.378	rs1509166	rs10897314	<i>OR5D16,TRIM51</i>	1.30	1.03 - 1.63	0.027
11	55.439 - 55.439	rs17148893	rs17148893	<i>OR5W2</i>	1.30	1.03 - 1.63	0.027
11	55.440 - 55.446	rs2512730	rs12791006	<i>OR5W2,OR5I1</i>	1.30	1.03 - 1.63	0.027
11	55.578 - 55.607	rs2512747	rs7118155	<i>OR5A1,OR8I2</i>	1.30	1.03 - 1.63	0.027
11	55.620 - 55.626	rs2460192	rs2512779	<i>OR8I2,OR8H2</i>	1.30	1.03 - 1.63	0.027
11	55.652 - 55.655	rs2220004	rs10896042	<i>OR8H3,OR8J3</i>	1.30	1.03 - 1.63	0.027
11	55.684 - 55.684	rs2512938	rs2512938	<i>OR8K5</i>	1.30	1.03 - 1.63	0.027
11	55.698 - 55.698	rs7119253	rs7119253	<i>OR8K5,OR5J2</i>	1.30	1.03 - 1.63	0.027
11	55.704 - 55.739	rs10896107	rs11227551	<i>OR5J2,OR5T2</i>	1.30	1.03 - 1.63	0.027
11	55.757 - 55.757	rs11227599	rs11227599	<i>OR5T2</i>	1.30	1.03 - 1.63	0.027
11	55.759 - 55.774	rs10896137	rs12279693	<i>OR5T2,OR5T3</i>	1.30	1.03 - 1.63	0.027
11	55.784 - 55.784	rs10896152	rs10896152	<i>OR5T3,OR5T1</i>	1.30	1.03 - 1.63	0.027
11	55.799 - 55.799	rs7125690	rs7125690	<i>OR5T1</i>	1.30	1.03 - 1.63	0.027
11	55.803 - 55.803	rs7933691	rs7933691	<i>OR5T1,OR8H1</i>	1.30	1.03 - 1.63	0.027
11	55.831 - 55.838	rs11227822	rs11227854	<i>OR8H1,OR8K3</i>	1.30	1.03 - 1.63	0.027
11	55.841 - 55.841	rs17150310	rs17150310	<i>OR8K3</i>	1.30	1.03 - 1.63	0.027
11	55.847 - 55.868	rs2128134	rs17150330	<i>OR8K3,OR8K1</i>	1.30	1.03 - 1.63	0.027
11	55.870 - 55.870	rs10896271	rs10896271	<i>OR8K1</i>	1.30	1.03 - 1.63	0.027
11	55.874 - 55.880	rs1586004	rs7940239	<i>OR8K1,OR8J1</i>	1.30	1.03 - 1.63	0.027
11	55.900 - 55.900	rs6591257	rs6591257	<i>OR8U1,OR8U8</i>	1.30	1.03 - 1.63	0.027
11	55.905 - 55.939	rs17615246	rs7113069	<i>OR8U1,OR5R1</i>	1.30	1.03 - 1.63	0.027
9	3.210 - 3.474	rs17658489	rs10115578	<i>RFX3</i>	0.75	0.61 - 1.01	0.027
4	177.381 - 177.425	rs6814870	rs13129242	<i>ASB5</i>	1.31	1.03 - 1.66	0.027
5	38.597 - 38.703	rs1899940	rs11748742	<i>LIFR-AS1</i>	1.32	1.02 - 1.67	0.027
8	6.557 - 6.603	rs1365042	rs2928583	<i>AGPAT5</i>	1.32	1.03 - 1.69	0.027
6	44.358 - 44.361	rs324139	rs324143	<i>TCTE1</i>	0.74	0.57 - 0.97	0.027
11	46.379 - 46.527	rs12574668	rs7925678	<i>AMBRA1</i>	1.30	1.03 - 1.64	0.027
11	46.621 - 46.648	rs12278517	rs4606447	<i>ATG13</i>	1.30	1.03 - 1.64	0.027
10	112.592 - 112.614	rs2419582	rs1341053	<i>RBM20,PDCD4-AS1</i>	1.31	1.02 - 1.64	0.027
2	230.743 - 230.791	rs10208770	rs7573954	<i>SP110</i>	1.31	1.02 - 1.65	0.027
6	32.535 - 32.539	rs9268831	rs9268878	<i>HLA-DRA,HLA-DRB5</i>	0.75	0.58 - 0.97	0.027
6	44.189 - 44.201	rs4711767	rs1935611	<i>MRPL14</i>	0.74	0.57 - 0.97	0.027
5	178.125 - 178.136	rs7703542	rs9717043	<i>AACSP1</i>	1.31	1.03 - 1.66	0.027
5	178.136 - 178.209	rs11953469	rs7446225	<i>AACSP1,ZNF354B</i>	1.31	1.03 - 1.66	0.027
11	51.273 - 51.359	rs10902344	rs4391797	<i>OR4A5,OR4C46</i>	1.30	1.03 - 1.63	0.027
11	51.375 - 51.420	rs12805992	rs7484073	<i>OR4C46,NONE</i>	1.30	1.03 - 1.63	0.027
11	54.584 - 54.696	rs11227407	rs2571203	<i>NONE,TRIM48</i>	1.30	1.03 - 1.63	0.027
11	54.803 - 54.807	rs12795435	rs10792084	<i>TRIM48,TRIM51HP</i>	1.30	1.03 - 1.63	0.027
11	54.841 - 54.847	rs11229083	rs7102501	<i>TRIM51HP,OR4A16</i>	1.30	1.03 - 1.63	0.027
11	54.868 - 54.868	rs10896659	rs10896659	<i>OR4A16</i>	1.30	1.03 - 1.63	0.027
11	54.869 - 54.875	rs7111392	rs11229192	<i>OR4A16,OR4A15</i>	1.30	1.03 - 1.63	0.027
11	54.915 - 55.054	rs7925158	rs11828054	<i>OR4A15,OR4C15</i>	1.30	1.03 - 1.63	0.027
11	55.077 - 55.078	rs509882	rs9804659	<i>OR4C15</i>	1.30	1.03 - 1.63	0.027
10	124.183 - 124.185	rs2280141	rs4752695	<i>PLEKHA1,ARMS2</i>	1.31	1.02 - 1.65	0.027
4	186.558 - 186.583	rs3733646	rs2028701	<i>UFSP2</i>	1.32	1.02 - 1.66	0.028
4	186.596 - 186.596	rs4862528	rs4862528	<i>C4orf47</i>	1.32	1.03 - 1.68	0.028

4	186.615 - 186.627	rs11722096	rs12646976	<i>CCDC110</i>	1.32	1.03 - 1.68	0.028
4	186.631 - 186.650	rs11938111	rs4862539	<i>CCDC110,PDLIM3</i>	1.32	1.03 - 1.68	0.028
4	186.658 - 186.686	rs4241804	rs3792700	<i>PDLIM3</i>	1.32	1.03 - 1.68	0.028
4	82.235 - 82.353	rs2868134	rs1822441	<i>PRKG2</i>	0.75	0.59 - 0.99	0.028
5	178.265 - 178.291	rs13189231	rs11956147	<i>ZFP2</i>	1.31	1.03 - 1.66	0.028
5	178.295 - 178.295	rs13362387	rs13362387	<i>ZFP2,ZNF454</i>	1.31	1.03 - 1.66	0.028
5	178.302 - 178.314	rs10060764	rs10075112	<i>ZNF454</i>	1.31	1.03 - 1.66	0.028
5	178.335 - 178.335	rs7735200	rs7735200	<i>ZNF454,GRM6</i>	1.31	1.03 - 1.66	0.028
12	129.219 - 129.381	rs7966482	rs4759655	<i>FZD10,PIWIL1</i>	1.32	1.02 - 1.66	0.028
4	172.199 - 172.202	rs17056407	rs17056413	<i>RP11-344G13.1</i>	1.30	1.03 - 1.65	0.028
4	172.226 - 172.327	rs11723301	rs6816290	<i>RP11-344G13.1,MIR6082</i>	1.30	1.03 - 1.65	0.028
11	46.327 - 46.353	rs876701	rs2046768	<i>DGKZ</i>	1.30	1.03 - 1.64	0.028
11	46.363 - 46.363	rs2229163	rs2229163	<i>CHRM4</i>	1.30	1.03 - 1.64	0.028
6	32.681 - 32.710	rs2647073	rs9272219	<i>HLA-DRB1,HLA-DQA1</i>	0.75	0.58 - 0.97	0.028
6	32.712 - 32.716	rs9272346	rs17426593	<i>HLA-DQA1</i>	0.75	0.58 - 0.97	0.028
6	32.731 - 32.731	rs34485459	rs34485459	<i>HLA-DQA1,HLA-DQB1</i>	0.75	0.58 - 0.97	0.028
6	32.762 - 32.811	rs2856688	rs9276299	<i>HLA-DQB1,HLA-DQA2</i>	0.75	0.58 - 0.97	0.028
6	44.016 - 44.072	rs10948111	rs9462952	<i>LOC100132354,C6orf223</i>	0.74	0.57 - 0.97	0.028
4	186.002 - 186.006	rs11132259	rs2046813	<i>RP11-701P16.5</i>	1.31	1.03 - 1.67	0.028
10	124.005 - 124.019	rs10887112	rs10749454	<i>TACC2,BTBD16</i>	1.31	1.03 - 1.66	0.028
5	178.232 - 178.235	rs6870926	rs11955586	<i>ZNF354B</i>	1.31	1.03 - 1.66	0.028
5	178.246 - 178.246	rs7731067	rs7731067	<i>ZNF354B,ZFP2</i>	1.31	1.03 - 1.66	0.028
7	33.616 - 33.908	rs2700675	rs6462517	<i>BBS9,BMPER</i>	1.31	0.97 - 1.58	0.028
8	6.366 - 6.407	rs3020221	rs3739392	<i>ANGPT2</i>	1.31	1.03 - 1.67	0.028
6	31.626 - 31.632	rs2523500	rs2857605	<i>NFKBIL1</i>	0.75	0.58 - 0.97	0.028
6	31.641 - 31.644	rs2857602	rs2844484	<i>NFKBIL1,LTA</i>	0.75	0.58 - 0.97	0.028
6	31.650 - 31.650	rs1799964	rs1799964	<i>LTA</i>	0.75	0.58 - 0.97	0.028
6	31.654 - 31.654	rs3093669	rs3093669	<i>TNF</i>	0.75	0.58 - 0.97	0.028
6	31.664 - 31.664	rs1052248	rs1052248	<i>LST1</i>	0.75	0.58 - 0.97	0.028
6	31.676 - 31.680	rs2857595	rs2736186	<i>NCR3,AIF1</i>	0.75	0.58 - 0.97	0.028
6	31.693 - 31.693	rs2857697	rs2857697	<i>AIF1</i>	0.75	0.58 - 0.97	0.028
6	31.698 - 31.698	rs2736172	rs2736172	<i>SNORA38</i>	0.75	0.58 - 0.97	0.028
6	31.711 - 31.713	rs11538264	rs2255741	<i>PRRC2A</i>	0.75	0.58 - 0.97	0.028
6	31.719 - 31.726	rs760293	rs805300	<i>BAG6</i>	0.75	0.58 - 0.97	0.028
6	31.733 - 31.733	rs707922	rs707921	<i>APOM</i>	0.75	0.58 - 0.97	0.028
6	31.735 - 31.735	rs2242655	rs2242655	<i>C6orf47</i>	0.75	0.58 - 0.97	0.028
6	31.744 - 31.744	rs9267531	rs9267531	<i>CSNK2B</i>	0.75	0.58 - 0.97	0.028
6	31.746 - 31.746	rs805268	rs805268	<i>LY6G5B;CSNK2B</i>	0.75	0.58 - 0.97	0.028
10	112.617 - 112.617	rs12258923	rs12258923	<i>PDCD4-AS1</i>	1.30	1.03 - 1.65	0.028
10	112.623 - 112.647	rs11195360	rs11195368	<i>PDCD4</i>	1.30	1.03 - 1.65	0.028
7	42.246 - 42.873	rs4720418	rs607485	<i>GLI3,C7orf25</i>	1.32	1.01 - 1.66	0.028
4	13.098 - 13.135	rs10032222	rs2075050	<i>RAB28,LINC01097</i>	0.74	0.57 - 0.97	0.028
4	172.346 - 172.962	rs11942495	rs7678453	<i>MIR6082,GALNTL6</i>	1.30	1.03 - 1.65	0.028
7	29.924 - 29.924	rs10241757	rs10241757	<i>WIPF3,SCRNI</i>	1.31	1.03 - 1.68	0.028
7	29.926 - 29.969	rs17158473	rs1465327	<i>SCRNI</i>	1.31	1.03 - 1.68	0.028
11	46.680 - 46.680	rs10769205	rs10769205	<i>ZNF408</i>	1.30	1.03 - 1.64	0.028
11	46.685 - 46.685	rs7117182	rs7117182	<i>ZNF408,F2</i>	1.30	1.03 - 1.64	0.028
11	46.701 - 46.718	rs2070852	rs3136519	<i>F2</i>	1.30	1.03 - 1.64	0.028
4	12.986 - 13.087	rs2109590	rs10516268	<i>RAB28</i>	0.74	0.57 - 0.97	0.028
5	178.338 - 178.352	rs7725272	rs2645333	<i>GRM6</i>	1.30	1.03 - 1.65	0.029
2	222.788 - 222.870	rs2578449	rs12623857	<i>PAX3</i>	1.31	1.02 - 1.67	0.029
2	222.906 - 222.994	rs6706247	rs10207056	<i>CCDC140,SGPP2</i>	1.31	1.03 - 1.68	0.029
6	44.301 - 44.310	rs731780	rs6458375	<i>SLC29A1</i>	0.74	0.57 - 0.97	0.029
6	44.319 - 44.319	rs9381299	rs9381299	<i>SLC29A1,HSP90AB1</i>	0.74	0.57 - 0.97	0.029
6	44.328 - 44.328	rs504697	rs504697	<i>HSP90AB1</i>	0.74	0.57 - 0.97	0.029
6	44.348 - 44.354	rs571770	rs12943	<i>TMEM151B</i>	0.74	0.57 - 0.97	0.029

10	112.658 - 112.660	rs7919142	rs17128130	<i>BBIP1</i>	1.30	1.03 - 1.65	0.029
10	112.676 - 112.754	rs7079511	rs1980869	<i>SHOC2</i>	1.30	1.03 - 1.65	0.029
9	114.694 - 114.789	rs4978511	rs10817420	<i>SLC46A2,ZNF883</i>	0.75	0.58 - 0.98	0.029
11	60.282 - 60.293	rs11230463	rs7117409	<i>MS4A15</i>	1.30	1.02 - 1.63	0.029
13	52.328 - 52.498	rs7327105	rs1891944	<i>PCDH8,OLFM4</i>	0.75	0.59 - 0.98	0.029
11	46.102 - 46.254	rs7950474	rs10437653	<i>PHF21A,CREB3L1</i>	1.30	1.02 - 1.63	0.029
6	44.233 - 44.249	rs12210167	rs10948127	<i>CAPN11</i>	0.74	0.58 - 0.98	0.029
6	44.262 - 44.285	rs4711777	rs6899839	<i>CAPN11,SLC29A1</i>	0.74	0.57 - 0.97	0.029
4	185.249 - 185.376	rs10024098	rs17075498	<i>ENPP6</i>	1.31	1 - 1.62	0.029
4	185.379 - 185.493	rs10520560	rs793882	<i>ENPP6,RP11-290F5.2</i>	1.31	1.03 - 1.67	0.029
6	66.567 - 67.395	rs1938105	rs1563300	<i>SLC25A51P1,NONE</i>	0.74	0.61 - 1.03	0.029
10	114.571 - 114.685	rs12358731	rs10509967	<i>VTG1A,TCF7L2</i>	1.31	1.03 - 1.66	0.029
10	121.294 - 121.318	rs3009926	rs3009877	<i>RGS10,TIAL1</i>	1.30	1.02 - 1.65	0.029
12	128.122 - 128.948	rs11060117	rs2173906	<i>TMEM132D</i>	1.31	0.93 - 1.52	0.029
2	231.455 - 231.455	rs6726593	rs934820	<i>ITM2C,AC012507.3</i>	1.31	1.03 - 1.66	0.029
2	231.465 - 231.473	rs10182844	rs6745382	<i>AC012507.3</i>	1.31	1.03 - 1.66	0.029
6	42.779 - 42.799	rs9471904	rs4714621	<i>PRPH2</i>	0.75	0.57 - 0.97	0.029
9	102.833 - 103.123	rs2486382	rs7022574	<i>LPPR1</i>	0.75	0.58 - 0.97	0.029
1	231.500 - 231.503	rs1294348	rs1294341	<i>PCNXL2,KIAA1804</i>	1.31	1.03 - 1.67	0.029
20	10.238 - 10.331	rs362598	rs6514111	<i>SNAP25,MKKS</i>	0.74	0.58 - 0.99	0.029
2	233.452 - 233.585	rs709937	rs6710482	<i>NGEF</i>	1.31	1.01 - 1.64	0.029
13	52.500 - 52.521	rs9568793	rs2298236	<i>OLFM4</i>	0.75	0.58 - 0.98	0.029
4	177.491 - 177.830	rs10029041	rs13129776	<i>SPCS3,VEGFC</i>	1.30	1.03 - 1.65	0.029
9	38.396 - 38.412	rs10973789	rs1467575	<i>IGFBPL1</i>	0.75	0.58 - 0.97	0.029
9	38.417 - 38.527	rs10973803	rs6476721	<i>IGFBPL1,FAM95C</i>	0.75	0.58 - 0.97	0.029
9	38.384 - 38.386	rs7846941	rs4878199	<i>ALDH1B1</i>	0.75	0.58 - 0.97	0.029
9	38.389 - 38.395	rs7867383	rs4878203	<i>ALDH1B1,IGFBPL1</i>	0.75	0.58 - 0.97	0.029
5	178.357 - 178.381	rs1969025	rs6888567	<i>GRM6,ZNF879</i>	1.30	1.03 - 1.65	0.029
6	44.076 - 44.080	rs7761007	rs2273309	<i>C6orf223</i>	0.74	0.57 - 0.97	0.030
10	120.899 - 120.909	rs12412962	rs3740558	<i>SFXN4</i>	1.30	1.01 - 1.64	0.030
2	222.158 - 222.769	rs6725342	rs13406752	<i>EPHA4,PAX3</i>	1.31	0.93 - 1.52	0.030
10	112.787 - 112.825	rs10885079	rs12246561	<i>SHOC2,ADRA2A</i>	1.30	1.03 - 1.65	0.030
19	6.181 - 6.223	rs2233188	rs7258848	<i>MLLTI</i>	0.73	0.58 - 1.01	0.030
6	64.490 - 66.474	rs1884118	rs9294647	<i>EYS</i>	0.74	0.59 - 1	0.030
5	178.388 - 178.391	rs6601006	rs17078988	<i>ZNF879</i>	1.30	1.03 - 1.65	0.030
9	107.497 - 107.575	rs7039618	rs10978240	<i>TMEM38B</i>	0.75	0.58 - 0.97	0.030
4	177.443 - 177.476	rs12640283	rs1454160	<i>ASB5,SPCS3</i>	1.30	1.02 - 1.65	0.030
4	177.485 - 177.485	rs2278904	rs2278904	<i>SPCS3</i>	1.30	1.03 - 1.65	0.030
4	172.984 - 174.182	rs510341	rs10020676	<i>GALNTL6</i>	1.30	0.99 - 1.59	0.030
1	111.625 - 111.631	rs17027272	rs10857871	<i>CHIAP2</i>	1.30	1.03 - 1.64	0.030
1	231.531 - 231.587	rs1294313	rs10910146	<i>KIAA1804</i>	1.31	1.03 - 1.67	0.030
8	8.214 - 8.271	rs6996347	rs2921005	<i>SGK223</i>	1.31	1.03 - 1.66	0.030
8	1.914 - 1.935	rs13271843	rs7008605	<i>KBTBD11</i>	1.32	1.03 - 1.69	0.030
2	232.543 - 232.917	rs4297869	rs6756905	<i>DIS3L2</i>	1.30	1.02 - 1.64	0.030
5	176.245 - 176.259	rs692200	rs3762971	<i>HK3</i>	1.30	1.02 - 1.65	0.030
10	114.701 - 114.913	rs7094463	rs290481	<i>TCF7L2</i>	1.31	1.02 - 1.65	0.030
6	32.843 - 32.883	rs9296042	rs2857136	<i>HLA-DQB2,HLA-DOB</i>	0.75	0.58 - 0.97	0.030
10	121.352 - 121.392	rs12569630	rs196282	<i>TIAL1,BAG3</i>	1.30	1.02 - 1.64	0.030
6	32.213 - 32.217	rs388629	rs204999	<i>FKBPL,PRRT1</i>	0.75	0.58 - 0.97	0.030
4	180.211 - 181.196	rs11736034	rs1112857	<i>LINC01098,LINC00290</i>	1.30	0.99 - 1.6	0.030
4	185.985 - 185.992	rs6856693	rs6827693	<i>ACSL1,RP11-701P16.5</i>	1.31	1.03 - 1.66	0.030
6	32.837 - 32.840	rs7768538	rs6903130	<i>HLA-DQB2</i>	0.75	0.58 - 0.97	0.030
6	67.406 - 68.590	rs12208629	rs10223623	<i>SLC25A51P1,BAI3</i>	0.74	0.57 - 0.97	0.030
2	231.480 - 231.498	rs1992188	rs4973351	<i>GPR55</i>	1.30	1.02 - 1.65	0.030
10	112.829 - 112.829	rs11195419	rs11195419	<i>ADRA2A</i>	1.30	1.03 - 1.65	0.031
8	1.944 - 1.972	rs6983226	rs6558587	<i>KBTBD11,MYOM2</i>	1.31	1.03 - 1.68	0.031

6	32.819 - 32.823	rs9276427	rs9276448	<i>HLA-DQA2</i>	0.75	0.58 - 0.97	0.031
6	32.827 - 32.827	rs5014418	rs5014418	<i>HLA-DQA2,HLA-DQB2</i>	0.75	0.58 - 0.97	0.031
5	176.106 - 176.167	rs4479858	rs692403	<i>LOC102577424,UNC5A</i>	1.30	1.02 - 1.65	0.031
4	181.205 - 182.208	rs1994816	rs17070508	<i>NONE,LINC00290</i>	1.30	0.99 - 1.59	0.031
2	231.500 - 231.549	rs6730331	rs6714334	<i>GPR55,SPATA3-AS1</i>	1.30	1.03 - 1.66	0.031
9	2.008 - 2.181	rs10964427	rs3818384	<i>SMARCA2</i>	0.75	0.6 - 1.01	0.031
5	176.260 - 176.260	rs692129	rs692129	<i>HK3,UIMC1</i>	1.30	1.02 - 1.65	0.031
5	176.264 - 176.349	rs2962835	rs601923	<i>UIMC1</i>	1.30	1.02 - 1.65	0.031
7	30.011 - 30.011	rs11973169	rs11973169	<i>SCRNI,FKBP14</i>	1.31	1.03 - 1.67	0.031
7	30.033 - 30.033	rs3763449	rs3763449	<i>FKBP14,PLEKHA8</i>	1.31	1.03 - 1.67	0.031
7	30.034 - 30.083	rs10275475	rs10488086	<i>PLEKHA8</i>	1.31	1.03 - 1.67	0.031
7	30.132 - 30.132	rs17547116	rs17547116	<i>PLEKHA8,MTURN</i>	1.31	1.03 - 1.67	0.031
7	30.143 - 30.168	rs6973967	rs11156	<i>MTURN</i>	1.31	1.03 - 1.67	0.031
5	177.608 - 177.948	rs6894255	rs262027	<i>COL23A1</i>	1.30	1.01 - 1.63	0.031
9	4.703 - 4.732	rs296827	rs3808855	<i>AK3</i>	0.75	0.58 - 0.97	0.031
10	121.409 - 121.423	rs196344	rs196332	<i>BAG3</i>	1.30	1.02 - 1.65	0.031
5	178.472 - 178.705	rs2059776	rs3756570	<i>ADAMTS2</i>	1.30	1.02 - 1.65	0.031
7	26.547 - 26.638	rs4604331	rs6944239	<i>KIAA0087,C7orf71</i>	1.31	1.02 - 1.66	0.031
10	121.257 - 121.278	rs7101354	rs17098973	<i>RGS10</i>	1.30	1.02 - 1.65	0.031
1	111.631 - 111.633	rs12401767	rs3806448	<i>CHIAP2,CHIA</i>	1.29	1.02 - 1.64	0.032
1	111.636 - 111.665	rs4406630	rs9725625	<i>CHIA</i>	1.29	1.02 - 1.64	0.032
9	5.352 - 5.425	rs2236320	rs1322250	<i>PLGRKT</i>	0.75	0.6 - 1	0.032
4	167.892 - 168.390	rs3762244	rs7657608	<i>TES-3</i>	1.31	1.02 - 1.66	0.032
12	129.570 - 129.838	rs11611030	rs2632673	<i>RIMBP2,STX2</i>	1.31	0.98 - 1.6	0.032
2	233.590 - 233.603	rs13405304	rs4511711	<i>NGEF,NEU2</i>	1.30	1.02 - 1.65	0.032
10	112.405 - 112.581	rs7904854	rs7895891	<i>RBM20</i>	1.30	1 - 1.6	0.032
10	121.215 - 121.229	rs10886492	rs4751728	<i>GRK5,RGS10</i>	1.30	1.02 - 1.64	0.032
5	178.411 - 178.416	rs10073008	rs4701028	<i>ZNF879,ZNF354C</i>	1.30	1.01 - 1.63	0.032
5	178.435 - 178.439	rs4701030	rs1445846	<i>ZNF354C</i>	1.30	1.02 - 1.65	0.032
5	38.509 - 38.590	rs6876446	rs3110969	<i>LIFR</i>	1.31	1.02 - 1.67	0.032
5	176.180 - 176.217	rs1567318	rs1000144	<i>UNC5A</i>	1.30	1.02 - 1.65	0.032
9	5.429 - 5.436	rs911761	rs702275	<i>PLGRKT,CD274</i>	0.75	0.59 - 0.98	0.032
21	14.938 - 15.245	rs458104	rs10482862	<i>LOC388813,NRIP1</i>	1.31	0.97 - 1.6	0.032
21	15.265 - 15.357	rs13050325	rs9982976	<i>NRIP1</i>	1.31	1.02 - 1.68	0.032
4	177.955 - 178.466	rs11131762	rs17064585	<i>VEGFC,NEIL3</i>	1.30	1 - 1.61	0.032
11	56.517 - 56.557	rs2853067	rs17562197	<i>OR5AK2,OR5AK4P</i>	1.29	1.02 - 1.62	0.032
9	107.205 - 107.237	rs724069	rs4394455	<i>SLC44A1,FSD1L</i>	0.75	0.58 - 0.98	0.032
5	38.322 - 38.325	rs10473093	rs919290	<i>EGFLAM-AS4</i>	1.30	1.02 - 1.66	0.032
19	6.232 - 6.246	rs11881034	rs6510888	<i>MLLT1,ACERI</i>	0.73	0.55 - 0.97	0.032
8	71.198 - 71.474	rs4236979	rs6985242	<i>NCOA2</i>	1.30	0.99 - 1.6	0.032
4	174.700 - 175.377	rs6815714	rs7683422	<i>HAND2-AS1,FBXO8</i>	1.30	0.99 - 1.6	0.032
11	49.151 - 49.155	rs202718	rs202712	<i>FOLHI</i>	1.29	1.02 - 1.62	0.032
2	232.356 - 232.375	rs6732581	rs10185448	<i>COPS7B</i>	1.30	1.02 - 1.65	0.032
2	232.394 - 232.460	rs9967659	rs10175414	<i>COPS7B,MIR1471</i>	1.30	1.02 - 1.65	0.032
11	55.946 - 55.985	rs10501353	rs1945238	<i>OR5R1,OR5M9</i>	1.29	1.01 - 1.61	0.033
11	55.996 - 56.013	rs17150708	rs618594	<i>OR5M3,OR5M8</i>	1.29	1.02 - 1.62	0.033
11	56.028 - 56.057	rs634955	rs13377553	<i>OR5M8,OR5M11</i>	1.29	1.02 - 1.62	0.033
11	56.066 - 56.066	rs10896469	rs641778	<i>OR5M11</i>	1.29	1.02 - 1.62	0.033
11	56.070 - 56.070	rs7111150	rs688832	<i>OR5M11,OR5M10</i>	1.29	1.02 - 1.62	0.033
11	56.126 - 56.128	rs11228676	rs1945282	<i>OR5M10,OR5M1</i>	1.29	1.02 - 1.62	0.033
11	56.139 - 56.145	rs7110528	rs1605924	<i>OR5M1,OR5AP2</i>	1.29	1.02 - 1.62	0.033
11	56.170 - 56.177	rs10896499	rs1397056	<i>OR5AP2,OR5AR1</i>	1.29	1.02 - 1.62	0.033
11	56.195 - 56.219	rs11228715	rs1509997	<i>OR5AR1,OR9G1</i>	1.29	1.02 - 1.62	0.033
11	56.225 - 56.225	rs7121276	rs7121276	<i>OR9G1,OR9G9</i>	1.29	1.02 - 1.62	0.033
11	56.228 - 56.262	rs513366	rs478870	<i>OR9G1,OR9G4</i>	1.29	1.02 - 1.62	0.033
5	178.442 - 178.449	rs1826864	rs1562234	<i>ZNF354C,ADAMTS2</i>	1.30	1.02 - 1.65	0.033

18	7.574 - 8.394	rs8089911	rs3786364	<i>PTPRM</i>	1.29	0.99 - 1.6	0.033
5	176.025 - 176.095	rs10476200	rs4867862	<i>TSPAN17,LOC102577424</i>	1.30	1 - 1.61	0.033
20	10.334 - 10.358	rs6108553	rs221664	<i>MKKS</i>	0.75	0.57 - 0.98	0.033
10	124.404 - 124.445	rs7921534	rs11248359	<i>DMBT1,C10orf120</i>	1.30	1.02 - 1.65	0.033
11	60.252 - 60.274	rs6591620	rs7948556	<i>MS4A8,MS4A15</i>	1.29	1.02 - 1.63	0.033
10	118.025 - 118.062	rs2532688	rs1860401	<i>GFRA1,CCDC172</i>	1.30	1.02 - 1.66	0.033
10	118.077 - 118.121	rs10430687	rs11197640	<i>CCDC172</i>	1.30	1.02 - 1.66	0.033
11	56.379 - 56.400	rs7126523	rs1938746	<i>AP000479.1</i>	1.29	1.02 - 1.61	0.033
11	56.409 - 56.495	rs4939097	rs7117365	<i>AP000479.1,OR5AK2</i>	1.29	1.02 - 1.62	0.033
4	189.613 - 189.752	rs436141	rs10026205	<i>LINC01060</i>	1.30	1.02 - 1.65	0.033
5	36.641 - 36.725	rs9292636	rs1529461	<i>SLC1A3</i>	1.30	0.99 - 1.6	0.033
11	60.140 - 60.188	rs12280505	rs10897105	<i>LINC00301</i>	1.29	1.01 - 1.62	0.033
11	60.213 - 60.222	rs1032938	rs668667	<i>LINC00301,MS4A8</i>	1.29	1.02 - 1.63	0.033
11	60.222 - 60.223	rs477912	rs17155222	<i>MS4A8</i>	1.29	1.02 - 1.63	0.033
7	30.711 - 30.755	rs17159392	rs13228990	<i>CRHR2,INMT-FAM188B</i>	1.30	1 - 1.63	0.033
6	68.602 - 69.387	rs16880598	rs2585596	<i>NONE,BAI3</i>	0.75	0.58 - 1	0.033
5	177.955 - 177.957	rs530542	rs262023	<i>COL23A1,CLK4</i>	1.30	1.02 - 1.65	0.033
5	177.965 - 177.965	rs13356921	rs1472457	<i>CLK4</i>	1.30	1.02 - 1.65	0.033
20	9.014 - 9.407	rs6118478	rs2076393	<i>PLCB4</i>	0.75	0.59 - 0.99	0.033
6	72.074 - 72.130	rs1044762	rs1192048	<i>OGFRL1,MIR30C2</i>	0.75	0.57 - 0.98	0.033
6	72.143 - 72.144	rs9446382	rs9455448	<i>MIR30C2</i>	0.75	0.57 - 0.98	0.033
6	72.144 - 72.163	rs9455449	rs4291065	<i>MIR30C2,MIR30A</i>	0.75	0.57 - 0.98	0.033
6	72.172 - 72.175	rs1527710	rs9455460	<i>MIR30A,LINC00472</i>	0.75	0.57 - 0.98	0.033
7	107.578 - 107.875	rs7792996	rs2300052	<i>NRCAM</i>	0.75	0.6 - 1	0.033
10	119.305 - 119.746	rs4751628	rs1833018	<i>EMX2,RAB11FIP2</i>	1.29	0.95 - 1.54	0.033
10	119.781 - 119.784	rs3824820	rs4751645	<i>RAB11FIP2</i>	1.29	1.02 - 1.64	0.033
17	63.647 - 63.695	rs6501426	rs1971008	<i>LINC00674,LOC440461</i>	0.76	0.59 - 0.98	0.033
6	72.181 - 72.186	rs7765945	rs1727668	<i>LINC00472</i>	0.75	0.57 - 0.98	0.033
6	72.191 - 72.650	rs9355001	rs1192248	<i>LINC00472,RIMS1</i>	0.75	0.57 - 0.98	0.033
2	232.306 - 232.347	rs838424	rs17271838	<i>PDE6D</i>	1.30	1.02 - 1.65	0.033
10	124.099 - 124.119	rs6585821	rs11200589	<i>BTBD16,PLEKHA1</i>	1.30	1.02 - 1.65	0.034
7	26.655 - 26.670	rs1012803	rs10231663	<i>C7orf71,SKAP2</i>	1.30	1.02 - 1.65	0.034
7	26.691 - 26.862	rs212851	rs1391805	<i>SKAP2</i>	1.30	1.02 - 1.66	0.034
7	26.540 - 26.544	rs6957786	rs10241879	<i>KIAA0087</i>	1.30	0.99 - 1.61	0.034
8	6.715 - 6.721	rs7833843	rs2741131	<i>DEFB1</i>	1.31	1.02 - 1.68	0.034
10	121.328 - 121.347	rs3009879	rs12217200	<i>TIAL1</i>	1.30	1.02 - 1.64	0.034
13	102.901 - 104.799	rs870024	rs9558536	<i>MIR548AS,DAOA-AS1</i>	0.75	0.59 - 1	0.034
7	26.909 - 27.089	rs4722650	rs7797624	<i>SKAP2,HOXA1</i>	1.30	1.02 - 1.66	0.034
7	27.106 - 27.106	rs15494	rs15494	<i>HOTAIRM1</i>	1.30	1.02 - 1.66	0.034
7	27.110 - 27.110	rs2522828	rs2522828	<i>HOXA2,HOXA3</i>	1.30	1.02 - 1.66	0.034
7	27.115 - 27.117	rs6948297	rs10085570	<i>HOXA3</i>	1.30	1.02 - 1.66	0.034
7	27.140 - 27.141	rs6944900	rs12533947	<i>HOXA4,HOXA-AS3</i>	1.30	1.02 - 1.66	0.034
7	27.156 - 27.156	rs12666919	rs11762730	<i>HOXA-AS3</i>	1.30	1.02 - 1.66	0.034
7	27.165 - 27.165	rs10246712	rs10246712	<i>HOXA7,HOXA10-HOXA9</i>	1.30	1.02 - 1.66	0.034
7	27.168 - 27.168	rs10259620	rs10259620	<i>HOXA10-HOXA9</i>	1.30	1.02 - 1.66	0.034
18	9.956 - 10.441	rs9946450	rs2847348	<i>VAPA,APCDD1</i>	1.29	1.01 - 1.62	0.034
11	48.475 - 48.995	rs7395662	rs7112529	<i>OR4A47,TRIM49B</i>	1.28	1.02 - 1.62	0.034
11	49.024 - 49.024	rs10839217	rs10839217	<i>TRIM49B,TRIM64C</i>	1.28	1.02 - 1.62	0.034
11	49.068 - 49.123	rs2696935	rs6485965	<i>TRIM64C,FOLH1</i>	1.28	1.02 - 1.62	0.034
4	186.059 - 186.172	rs10032937	rs13119549	<i>LINC01093,HELT</i>	1.30	1.02 - 1.65	0.034
20	51.023 - 51.529	rs6013586	rs6097441	<i>TSHZ2</i>	0.76	0.65 - 1.07	0.034
5	38.720 - 38.726	rs6451402	rs2471156	<i>LIFR-AS1,CTD-2127H9.1</i>	1.30	1.02 - 1.66	0.034
9	7.794 - 8.300	rs10123827	rs13440396	<i>TMEM261,PTPRD</i>	0.76	0.62 - 1.02	0.034
2	232.504 - 232.524	rs749052	rs2679163	<i>NPPC,DIS3L2</i>	1.30	1.02 - 1.64	0.034
8	17.201 - 17.312	rs6992513	rs7814798	<i>MTMR7</i>	1.30	0.99 - 1.62	0.034
8	17.319 - 17.390	rs6981038	rs17588615	<i>MTMR7,SLC7A2</i>	1.30	1.02 - 1.66	0.034

6	44.215 - 44.227	rs10948125	rs3734695	<i>TMEM63B</i>	0.75	0.58 - 0.98	0.034
5	177.548 - 177.554	rs9329137	rs2913814	<i>GMCL1P1,HNRNPAB</i>	1.29	1.02 - 1.64	0.034
21	40.307 - 41.141	rs11911721	rs1983527	<i>DSCAM</i>	1.29	0.94 - 1.52	0.034
6	42.925 - 42.944	rs5018385	rs12526596	<i>GLTSCR1L</i>	0.75	0.58 - 0.98	0.034
6	42.981 - 42.983	rs7740879	rs9296401	<i>C6orf226,PTCRA</i>	0.75	0.58 - 0.98	0.034
5	177.565 - 177.565	rs3812089	rs3812089	<i>HNRNPAB</i>	1.29	1.02 - 1.64	0.034
5	177.570 - 177.592	rs2961675	rs9784670	<i>PHYKPL</i>	1.29	1.02 - 1.64	0.034
8	11.683 - 11.688	rs2645450	rs2645444	<i>NEIL2,FDFT1</i>	1.30	1.02 - 1.65	0.034
8	11.694 - 11.732	rs2645437	rs1293328	<i>FDFT1</i>	1.30	1.02 - 1.65	0.034
8	11.737 - 11.759	rs4841601	rs1299525	<i>CTSB</i>	1.30	1.02 - 1.65	0.034
8	17.769 - 17.797	rs2517289	rs500282	<i>FGL1</i>	1.30	1.01 - 1.64	0.035
6	28.036 - 28.152	rs9295753	rs6913038	<i>OR2B6,ZNF165</i>	0.75	0.58 - 0.98	0.035
6	28.162 - 28.163	rs16893666	rs10484404	<i>ZNF165</i>	0.75	0.58 - 0.98	0.035
6	28.167 - 28.167	rs175955	rs175955	<i>ZSCAN12P1</i>	0.75	0.58 - 0.98	0.035
6	28.172 - 28.187	rs9380052	rs9468287	<i>ZSCAN12P1,ZSCAN16-AS1</i>	0.75	0.58 - 0.98	0.035
6	28.205 - 28.211	rs4713140	rs1340004	<i>ZSCAN16-AS1</i>	0.75	0.58 - 0.98	0.035
8	11.659 - 11.660	rs1004712	rs1466785	<i>C8orf49,NEIL2</i>	1.30	1.02 - 1.65	0.035
8	11.676 - 11.682	rs1874546	rs8191682	<i>NEIL2</i>	1.30	1.02 - 1.65	0.035
5	174.840 - 174.889	rs2940478	rs267399	<i>SFXN1</i>	1.29	1.02 - 1.63	0.035
9	103.225 - 103.230	rs578597	rs6479051	<i>ALDOB</i>	0.76	0.58 - 0.98	0.035
9	103.243 - 103.270	rs10989501	rs10989523	<i>ALDOB,TMEM246</i>	0.76	0.58 - 0.98	0.035
9	103.276 - 103.286	rs1929494	rs1929482	<i>TMEM246</i>	0.76	0.58 - 0.98	0.035
5	177.034 - 177.034	rs10077732	rs10077732	<i>LOC202181,FAM153A</i>	1.29	1.02 - 1.64	0.035
5	177.293 - 177.346	rs4246051	rs4413548	<i>LOC728554,PROPI</i>	1.29	1.02 - 1.64	0.035
9	4.733 - 4.775	rs12352353	rs420565	<i>AK3,RCL1</i>	0.76	0.59 - 0.99	0.035
5	177.415 - 177.444	rs11953798	rs12656767	<i>FAM153C,N4BP3</i>	1.29	1.02 - 1.63	0.035
1	110.939 - 110.968	rs4839069	rs12076864	<i>KCNA2</i>	1.29	1.01 - 1.63	0.035
10	124.128 - 124.182	rs11200591	rs10510111	<i>PLEKHA1</i>	1.30	1.02 - 1.65	0.035
20	51.674 - 51.917	rs6097497	rs2024067	<i>ZNF217,SUMO1P1</i>	0.76	0.58 - 0.98	0.035
4	186.016 - 186.047	rs7677161	rs6552838	<i>MIR3945,LINC01093</i>	1.30	1.02 - 1.65	0.035
6	72.063 - 72.067	rs2273888	rs9346458	<i>OGFRL1</i>	0.75	0.57 - 0.98	0.035
9	2.195 - 2.523	rs7044370	rs10491717	<i>SMARCA2,VLDLR-AS1</i>	0.76	0.59 - 0.98	0.035
5	177.594 - 177.594	rs7719352	rs7719352	<i>PHYKPL,COL23A1</i>	1.29	1.02 - 1.64	0.035
8	1.239 - 1.435	rs6558440	rs7016029	<i>LOC286083,DLGAP2</i>	1.31	0.97 - 1.6	0.035
8	11.602 - 11.650	rs10088151	rs804280	<i>GATA4</i>	1.30	1 - 1.62	0.035
6	27.777 - 27.781	rs11970451	rs16867921	<i>LINC01012</i>	0.75	0.59 - 0.99	0.035
6	27.796 - 27.834	rs9393848	rs7776351	<i>LINC01012,LOC10013128</i>	0.75	0.58 - 0.98	0.035
9	107.061 - 107.176	rs327995	rs7048586	<i>SLC44A1</i>	0.76	0.59 - 1	0.035
6	22.680 - 24.232	rs6908475	rs2176932	<i>HDGFL1,NRSN1</i>	0.76	0.65 - 1.07	0.035
19	6.259 - 6.278	rs7258219	rs10402580	<i>ACER1</i>	0.74	0.56 - 0.98	0.035
13	59.141 - 59.637	rs2066193	rs17057749	<i>DIAPH3</i>	0.75	0.58 - 0.98	0.035
5	38.734 - 38.873	rs6867640	rs16867780	<i>CTD-2127H9.1</i>	1.30	1.02 - 1.66	0.035
5	38.746 - 38.753	rs6870368	rs10064898	<i>CTD-2127H9.1,LOC10192</i>	1.30	1.02 - 1.66	0.035
4	189.341 - 189.611	rs4604130	rs6821958	<i>TRIML1,LINC01060</i>	1.29	0.99 - 1.62	0.035
6	28.218 - 28.218	rs868987	rs868987	<i>ZKSCAN8</i>	0.75	0.58 - 0.98	0.035
21	40.912 - 40.923	rs2837753	rs2837757	<i>DSCAM-IT1</i>	1.29	1.02 - 1.64	0.035
5	176.979 - 176.992	rs7727897	rs7731640	<i>LOC202181</i>	1.29	1.01 - 1.62	0.035
17	63.425 - 63.446	rs7501990	rs6504573	<i>C17orf58,KPNA2</i>	0.76	0.59 - 0.98	0.035
17	63.620 - 63.643	rs1860040	rs4503862	<i>LINC00674</i>	0.76	0.59 - 0.98	0.035
20	51.547 - 51.598	rs6097457	rs2766660	<i>TSHZ2,RP4-724E16.2</i>	0.76	0.58 - 0.98	0.035
6	27.840 - 27.881	rs9468220	rs200480	<i>LOC100131289,HIST1H2B</i>	0.75	0.58 - 0.98	0.035
6	27.882 - 27.882	rs200483	rs200483	<i>HIST1H2BL</i>	0.75	0.58 - 0.98	0.035
6	27.886 - 27.886	rs2021835	rs2021835	<i>HIST1H3H</i>	0.75	0.58 - 0.98	0.035
6	27.892 - 27.892	rs9295750	rs9295750	<i>HIST1H2BM,HIST1H4J</i>	0.75	0.58 - 0.98	0.035
6	27.912 - 27.912	rs201005	rs201005	<i>HIST1H4K,HIST1H2AK</i>	0.75	0.58 - 0.98	0.035
6	27.916 - 27.927	rs201002	rs200988	<i>HIST1H2BN,HIST1H2AL</i>	0.75	0.58 - 0.98	0.035

6	27.946 - 27.946	rs17763319	rs17763319	<i>HIST1H1B,HIST1H3I</i>	0.75	0.58 - 0.98	0.035
6	27.947 - 27.947	rs200956	rs200956	<i>HIST1H3I</i>	0.75	0.58 - 0.98	0.035
6	27.950 - 27.950	rs200959	rs200959	<i>HIST1H4L</i>	0.75	0.58 - 0.98	0.035
6	27.966 - 27.966	rs200973	rs200973	<i>HIST1H3J</i>	0.75	0.58 - 0.98	0.035
6	27.998 - 27.998	rs6933825	rs6933825	<i>OR2B2,OR2B6</i>	0.75	0.58 - 0.98	0.035
6	28.033 - 28.033	rs7767176	rs7767176	<i>OR2B6</i>	0.75	0.58 - 0.98	0.035
6	28.254 - 28.283	rs1233667	rs1150697	<i>ZNF192P1,TOB2P1</i>	0.75	0.58 - 0.98	0.035
17	63.255 - 63.406	rs9907983	rs7223730	<i>BPTF</i>	0.76	0.6 - 0.99	0.035
1	111.588 - 111.620	rs2477580	rs12728726	<i>CHI3L2,CHIAP2</i>	1.29	1.01 - 1.62	0.035
19	6.289 - 6.289	rs10425427	rs10425427	<i>ACER1,CLPP</i>	0.74	0.56 - 0.98	0.035
19	6.313 - 6.315	rs7253024	rs7260547	<i>CLPP</i>	0.74	0.56 - 0.98	0.035
19	6.343 - 6.343	rs2304196	rs2247785	<i>GTF2F1</i>	0.74	0.56 - 0.98	0.035
19	6.353 - 6.357	rs6510896	rs7259894	<i>GTF2F1,KHSRP</i>	0.74	0.56 - 0.98	0.035
9	114.683 - 114.693	rs4978510	rs4142853	<i>SLC46A2</i>	0.75	0.62 - 1.04	0.036
20	5.028 - 5.028	rs8114875	rs8114875	<i>TMEM230</i>	0.76	0.59 - 0.98	0.036
20	2.690 - 2.715	rs6051365	rs215529	<i>EBF4,CPXMI</i>	0.76	0.59 - 0.99	0.036
20	51.626 - 51.632	rs6063966	rs3748501	<i>ZNF217</i>	0.76	0.59 - 0.98	0.036
6	43.864 - 43.937	rs6909750	rs6458356	<i>VEGFA,LOC100132354</i>	0.75	0.6 - 1.01	0.036
11	45.914 - 46.092	rs4756042	rs10838567	<i>PHF21A</i>	1.29	1 - 1.6	0.036
5	177.491 - 177.507	rs10036388	rs6601221	<i>RMND5B</i>	1.29	1.02 - 1.63	0.036
6	42.823 - 42.879	rs16896053	rs1981008	<i>TBCC,GLTSCR1L</i>	0.76	0.58 - 0.98	0.036
5	177.544 - 177.544	rs9329136	rs9329136	<i>GMCLIP1</i>	1.29	1.02 - 1.63	0.036
11	60.306 - 60.306	rs1506682	rs1506682	<i>MS4A15,MS4A10</i>	1.29	1.02 - 1.63	0.036
11	60.312 - 60.323	rs10897113	rs510570	<i>MS4A10</i>	1.29	1.02 - 1.63	0.036
6	28.297 - 28.297	rs993619	rs993619	<i>TOB2P1,ZSCAN9</i>	0.75	0.58 - 0.98	0.036
6	28.306 - 28.306	rs9468317	rs9468317	<i>ZSCAN9</i>	0.75	0.58 - 0.98	0.036
6	28.311 - 28.312	rs9380069	rs11752073	<i>ZSCAN9,ZKSCAN4</i>	0.75	0.58 - 0.98	0.036
6	28.320 - 28.321	rs7757215	rs1150712	<i>ZKSCAN4</i>	0.75	0.58 - 0.98	0.036
6	28.330 - 28.330	rs2185955	rs2185955	<i>ZKSCAN4,NKAPL</i>	0.75	0.58 - 0.98	0.036
5	174.809 - 174.833	rs6878159	rs6861032	<i>DRD1,SFXN1</i>	1.29	1.02 - 1.63	0.036
20	51.602 - 51.622	rs6068574	rs16998236	<i>RP4-724E16.2</i>	0.76	0.59 - 0.98	0.036
20	2.623 - 2.676	rs742706	rs2073126	<i>EBF4</i>	0.76	0.59 - 0.99	0.036
9	103.378 - 103.538	rs11791337	rs12340365	<i>GRIN3A</i>	0.76	0.6 - 1	0.036
6	63.057 - 64.039	rs9454869	rs4504460	<i>KHDRBS2,LGSN</i>	0.75	0.59 - 1.01	0.036
20	3.959 - 4.076	rs6084558	rs2422915	<i>RNF24,SMOX</i>	0.76	0.59 - 0.99	0.036
5	177.517 - 177.541	rs10040744	rs11747580	<i>NHP2,GMCLIP1</i>	1.29	1.02 - 1.63	0.036
10	120.923 - 120.926	rs3758609	rs3740562	<i>PRDX3</i>	1.29	1.02 - 1.64	0.037
4	186.546 - 186.546	rs6818425	rs6818425	<i>LRP2BP,ANKRD37</i>	1.30	1.02 - 1.66	0.037
6	28.334 - 28.334	rs1531681	rs1531681	<i>NKAPL</i>	0.76	0.58 - 0.98	0.037
6	28.337 - 28.341	rs1778508	rs11966237	<i>NKAPL,ZSCAN26</i>	0.76	0.58 - 0.98	0.037
6	28.351 - 28.351	rs1150726	rs1150725	<i>ZSCAN26</i>	0.76	0.58 - 0.98	0.037
11	56.267 - 56.267	rs1397053	rs11228763	<i>OR9G4</i>	1.28	1.02 - 1.61	0.037
11	56.273 - 56.349	rs12223748	rs546368	<i>MIR6128,AP000479.1</i>	1.28	1.02 - 1.61	0.037
2	233.115 - 233.115	rs1881492	rs2853462	<i>CHRNA2</i>	1.29	1.01 - 1.64	0.037
2	233.125 - 233.155	rs1190452	rs16829292	<i>EIF4E2</i>	1.29	1.02 - 1.64	0.037
10	119.803 - 119.956	rs853566	rs17651676	<i>CASC2</i>	1.29	1.02 - 1.63	0.037
2	232.920 - 232.943	rs6747223	rs2741309	<i>DIS3L2,ALPP</i>	1.29	1.01 - 1.64	0.037
7	27.264 - 27.527	rs7782529	rs940526	<i>EVX1,HIBADH</i>	1.29	1.01 - 1.65	0.037
20	4.783 - 4.932	rs16990301	rs6139609	<i>SLC23A2</i>	0.76	0.6 - 1.01	0.037
18	8.353 - 8.354	rs1318213	rs8084278	<i>RP11-789C17.3</i>	1.28	1.02 - 1.62	0.037
9	2.837 - 3.199	rs4741769	rs12006318	<i>KIAA0020,RFX3</i>	0.76	0.63 - 1.04	0.037
6	31.350 - 31.426	rs3132488	rs4394275	<i>HLA-C,HLA-B</i>	0.76	0.6 - 1	0.037
2	232.480 - 232.484	rs16828513	rs13391577	<i>MIR1471,NPPC</i>	1.29	1.01 - 1.63	0.037
7	31.758 - 32.300	rs6974051	rs215601	<i>PDE1C</i>	1.29	1.01 - 1.64	0.037
20	7.302 - 7.804	rs2423223	rs6140453	<i>MIR8062,HAO1</i>	0.76	0.64 - 1.06	0.037
20	7.811 - 7.860	rs6055363	rs2235245	<i>HAO1</i>	0.76	0.59 - 0.98	0.037

6	28.360 - 28.376	rs11756111	rs2281043	<i>PGBD1</i>	0.76	0.58 - 0.98	0.037
6	28.380 - 28.398	rs16893937	rs742107	<i>PGBD1,ZSCAN31</i>	0.76	0.58 - 0.98	0.037
6	28.402 - 28.412	rs4711167	rs723475	<i>ZSCAN31</i>	0.76	0.58 - 0.98	0.037
6	28.417 - 28.424	rs9468344	rs12180820	<i>ZSCAN31,ZKSCAN3</i>	0.76	0.58 - 0.98	0.037
6	28.429 - 28.440	rs1474589	rs16894011	<i>ZKSCAN3</i>	0.76	0.58 - 0.98	0.037
8	71.495 - 71.627	rs7813786	rs17758721	<i>NCOA2,TRAMI</i>	1.29	1.02 - 1.64	0.037
9	103.219 - 103.220	rs475348	rs7467699	<i>ZNF189,ALDOB</i>	0.76	0.59 - 0.99	0.037
9	105.667 - 105.979	rs7847020	rs7861414	<i>MIR6130</i>	0.76	0.59 - 0.99	0.037
4	186.006 - 186.006	rs12332007	rs12332007	<i>RP11-701P16.5,MIR3945</i>	1.29	1.02 - 1.65	0.037
18	8.824 - 9.089	rs12458988	rs2377961	<i>SOGA2,NDUFV2</i>	1.28	0.99 - 1.59	0.037
6	32.900 - 32.912	rs16870923	rs3819721	<i>TAP2</i>	0.76	0.59 - 0.99	0.037
9	114.899 - 114.905	rs17827840	rs17828145	<i>ZFP37,FAM225B</i>	0.76	0.58 - 0.98	0.038
9	114.906 - 114.906	rs10981630	rs10981630	<i>FAM225B</i>	0.76	0.58 - 0.98	0.038
9	114.924 - 114.951	rs10817441	rs3923601	<i>FAM225A,SLC31A2</i>	0.76	0.58 - 0.98	0.038
5	179.109 - 179.134	rs6601073	rs6895902	<i>MAML1</i>	1.29	1.02 - 1.64	0.038
5	179.140 - 179.140	rs1019443	rs1019443	<i>MAML1,LTC4S</i>	1.29	1.02 - 1.64	0.038
2	232.996 - 233.018	rs2741331	rs790043	<i>ALPL2,ALPI</i>	1.29	1.01 - 1.63	0.038
2	233.028 - 233.028	rs6721457	rs6721457	<i>ALPI</i>	1.29	1.01 - 1.64	0.038
2	233.048 - 233.048	rs12616972	rs12616972	<i>ALPI,ECEL1</i>	1.29	1.01 - 1.64	0.038
2	233.071 - 233.091	rs1529872	rs2697800	<i>ECEL1,PRSS56</i>	1.29	1.01 - 1.64	0.038
8	17.478 - 17.544	rs2517262	rs4705	<i>PDGFRL</i>	1.29	1 - 1.63	0.038
8	71.647 - 71.679	rs10095132	rs268599	<i>TRAMI</i>	1.29	1.01 - 1.64	0.038
1	115.684 - 115.978	rs3811014	rs12022800	<i>NGF,VANGL1</i>	1.29	0.99 - 1.59	0.038
6	42.812 - 42.812	rs222212	rs222212	<i>ATP6V0CP3,TBCC</i>	0.76	0.58 - 0.98	0.038
8	17.706 - 17.758	rs17125481	rs13255913	<i>MTUS1,FGL1</i>	1.29	1.01 - 1.64	0.038
9	114.848 - 114.856	rs1411605	rs10981622	<i>ZFP37</i>	0.76	0.58 - 0.99	0.038
7	27.190 - 27.190	rs6968828	rs6968828	<i>HOXA11</i>	1.29	1.01 - 1.65	0.038
7	27.209 - 27.213	rs10233387	rs10228276	<i>HOTTIP</i>	1.29	1.01 - 1.65	0.038
7	27.230 - 27.232	rs6956721	rs11563587	<i>HOTTIP,EVX1</i>	1.29	1.01 - 1.65	0.038
18	9.861 - 9.871	rs7228636	rs11660943	<i>RAB31,TXNDC2</i>	1.29	1.01 - 1.63	0.038
20	4.083 - 4.111	rs1765003	rs1337281	<i>SMOX</i>	0.76	0.59 - 0.99	0.038
7	31.521 - 31.660	rs13221697	rs11763622	<i>CCDC129</i>	1.29	1 - 1.62	0.038
2	233.105 - 233.110	rs12466358	rs6725786	<i>CHRND</i>	1.29	1.01 - 1.64	0.038
2	233.278 - 233.431	rs13029336	rs1284	<i>GIGYF2</i>	1.29	0.99 - 1.6	0.038
2	233.435 - 233.441	rs2675974	rs709934	<i>GIGYF2,C2orf82</i>	1.29	1.01 - 1.64	0.038
2	233.442 - 233.444	rs778340	rs2592115	<i>C2orf82</i>	1.29	1.01 - 1.64	0.038
20	3.859 - 3.935	rs241601	rs6107393	<i>RNF24</i>	0.76	0.6 - 1.01	0.038
9	114.816 - 114.841	rs2418245	rs12378227	<i>ZNF883,ZFP37</i>	0.76	0.58 - 0.99	0.038
1	111.745 - 111.749	rs1264880	rs7543384	<i>PGCPI,OVGP1</i>	1.28	1 - 1.61	0.038
19	6.402 - 6.405	rs7247153	rs6510903	<i>SLC25A23</i>	0.74	0.56 - 0.98	0.038
10	124.446 - 124.447	rs3019498	rs2901343	<i>C10orf120</i>	1.29	1.01 - 1.64	0.038
20	10.365 - 10.550	rs6032878	rs7270364	<i>SLX4IP</i>	0.75	0.58 - 0.99	0.039
2	231.785 - 231.937	rs16827863	rs7599715	<i>ARMC9</i>	1.29	1.01 - 1.63	0.039
10	120.888 - 120.888	rs11819388	rs11819388	<i>FAM45B,SFXN4</i>	1.29	1.01 - 1.64	0.039
6	32.889 - 32.890	rs11967235	rs2071473	<i>HLA-DOB</i>	0.76	0.59 - 0.99	0.039
6	32.895 - 32.896	rs1894407	rs9784758	<i>HLA-DOB,TAP2</i>	0.76	0.59 - 0.99	0.039
10	116.846 - 117.698	rs10885650	rs4751939	<i>ATRNL1</i>	1.29	0.99 - 1.6	0.039
20	2.595 - 2.615	rs2422824	rs6037336	<i>IDH3B,EBF4</i>	0.76	0.6 - 1	0.039
18	9.091 - 9.106	rs2377962	rs1785560	<i>NDUFV2</i>	1.28	1.01 - 1.62	0.039
18	9.175 - 9.275	rs7229883	rs1074347	<i>ANKRD12</i>	1.28	1.01 - 1.62	0.039
18	9.289 - 9.307	rs9963940	rs2902839	<i>ANKRD12,TWSG1</i>	1.28	1.01 - 1.62	0.039
18	9.342 - 9.391	rs7234762	rs7237485	<i>TWSG1</i>	1.28	1.01 - 1.62	0.039
7	31.669 - 31.691	rs1990372	rs34153	<i>CCDC129,PPP1R17</i>	1.29	1.01 - 1.65	0.039
7	31.692 - 31.711	rs34158	rs34182	<i>PPP1R17</i>	1.29	1.01 - 1.65	0.039
1	110.977 - 111.010	rs884217	rs2640483	<i>KCNA2,KCNA3</i>	1.28	1.01 - 1.63	0.039
1	111.020 - 111.205	rs2821557	rs7532081	<i>KCNA3,CD53</i>	1.28	1.01 - 1.63	0.039

20	10.154 - 10.235	rs2225635	rs8636	<i>SNAP25</i>	0.75	0.64 - 1.08	0.039
1	107.405 - 107.480	rs1730866	rs11185063	<i>PRMT6,NTNG1</i>	1.28	1.01 - 1.62	0.039
1	110.110 - 110.253	rs12061779	rs333951	<i>EPS8L3,CSF1</i>	1.28	0.99 - 1.59	0.039
1	110.259 - 110.275	rs2275123	rs17661447	<i>CSF1</i>	1.28	1.01 - 1.63	0.039
1	110.276 - 110.319	rs7538029	rs12062571	<i>CSF1,AHCYL1</i>	1.28	1.01 - 1.63	0.039
1	110.332 - 110.351	rs17025292	rs7514825	<i>AHCYL1</i>	1.28	1.01 - 1.63	0.039
4	155.764 - 155.880	rs7654093	rs12512714	<i>FGG,LRAT</i>	1.29	1.01 - 1.64	0.039
3	2.121 - 3.074	rs9310629	rs11708737	<i>CNTN4</i>	0.76	0.6 - 1.01	0.039
9	103.129 - 103.149	rs10989474	rs10989477	<i>LPPR1,BAAT</i>	0.76	0.59 - 0.99	0.039
1	109.664 - 109.713	rs3853499	rs17646665	<i>SORT1</i>	1.28	1.01 - 1.62	0.039
1	109.745 - 109.769	rs10858092	rs3820667	<i>PSMA5</i>	1.28	1.01 - 1.62	0.039
1	109.774 - 109.786	rs1149168	rs4970760	<i>PSMA5,SYPL2</i>	1.28	1.01 - 1.62	0.039
1	109.811 - 109.815	rs10857787	rs12136063	<i>SYPL2</i>	1.28	1.01 - 1.62	0.039
1	109.830 - 109.833	rs1144594	rs10494041	<i>ATXN7L2</i>	1.28	1.01 - 1.62	0.039
4	155.923 - 155.951	rs156548	rs12511123	<i>RBM46</i>	1.29	1.01 - 1.63	0.039
7	31.717 - 31.757	rs11984252	rs17160511	<i>PPP1R17,PDE1C</i>	1.29	1.01 - 1.65	0.040
20	2.367 - 2.389	rs6114219	rs7263002	<i>TGM6,SNRPB</i>	0.76	0.59 - 0.99	0.040
4	80.718 - 80.964	rs12511646	rs9968253	<i>LINC00989,PCAT4</i>	0.76	0.61 - 1.02	0.040
2	231.752 - 231.761	rs6724181	rs17586575	<i>PSMD1,ARMC9</i>	1.28	1 - 1.62	0.040
9	103.163 - 103.186	rs7043029	rs1226149	<i>BAAT</i>	0.76	0.59 - 0.99	0.040
9	103.199 - 103.199	rs963584	rs963584	<i>MRPL50</i>	0.76	0.59 - 0.99	0.040
11	45.803 - 45.820	rs7115967	rs7121611	<i>SLC35C1,CRY2</i>	1.28	1.01 - 1.62	0.040
11	45.830 - 45.856	rs2037311	rs12281674	<i>CRY2</i>	1.28	1.01 - 1.62	0.040
11	45.863 - 45.863	rs1554338	rs1554338	<i>MAPK8IP1</i>	1.28	1.01 - 1.62	0.040
11	45.892 - 45.892	rs3802758	rs3802758	<i>PEX16</i>	1.28	1.01 - 1.62	0.040
1	109.848 - 109.849	rs1009437	rs3738772	<i>CYB561D1,AMIGO1</i>	1.28	1.01 - 1.62	0.040
1	109.850 - 109.850	rs3738773	rs3738773	<i>AMIGO1</i>	1.28	1.01 - 1.62	0.040
1	109.855 - 109.882	rs12066164	rs1434285	<i>AMIGO1,GPR61</i>	1.28	1.01 - 1.62	0.040
4	186.536 - 186.536	rs1048329	rs1048329	<i>LRP2BP</i>	1.29	1.01 - 1.65	0.040
8	17.402 - 17.472	rs12114514	rs7002951	<i>SLC7A2</i>	1.29	1.01 - 1.64	0.040
2	231.560 - 231.560	rs1060780	rs1060780	<i>SPATA3-AS1</i>	1.29	1.01 - 1.64	0.040
2	231.569 - 231.580	rs11674265	rs13387608	<i>SPATA3</i>	1.29	1.01 - 1.64	0.040
2	231.581 - 231.608	rs17619398	rs6731226	<i>SPATA3,C2orf72</i>	1.29	1.01 - 1.64	0.040
10	120.811 - 120.830	rs9325559	rs3808952	<i>EIF3A</i>	1.29	1.01 - 1.63	0.040
11	55.941 - 55.941	rs11228306	rs12785840	<i>OR5R1</i>	1.27	1.01 - 1.61	0.040
9	115.025 - 115.065	rs10981693	rs10981707	<i>SLC31A1</i>	0.76	0.59 - 1	0.040
9	115.072 - 115.072	rs10123780	rs10123780	<i>CDC26</i>	0.76	0.58 - 0.99	0.040
9	115.081 - 115.089	rs12343629	rs10981715	<i>PRPF4</i>	0.76	0.58 - 0.99	0.040
8	70.524 - 70.537	rs13255333	rs12546986	<i>RP11-744J10.3,SULF1</i>	1.28	1.01 - 1.62	0.040
10	122.516 - 122.592	rs2997255	rs1254159	<i>MIR5694,WDR11-AS1</i>	1.29	1.01 - 1.64	0.041
10	120.850 - 120.850	rs7913400	rs7913400	<i>EIF3A,FAM45A</i>	1.28	1.01 - 1.63	0.041
10	120.864 - 120.885	rs7906373	rs7920891	<i>FAM45B</i>	1.28	1.01 - 1.63	0.041
2	233.604 - 233.606	rs2233375	rs11681712	<i>NEU2</i>	1.29	1.01 - 1.63	0.041
19	6.417 - 6.417	rs348362	rs348362	<i>CRB3</i>	0.75	0.56 - 0.99	0.041
19	6.432 - 6.432	rs3844450	rs3844450	<i>DENND1C</i>	0.75	0.56 - 0.99	0.041
19	6.446 - 6.446	rs2071347	rs2071347	<i>TUBB4A</i>	0.75	0.56 - 0.99	0.041
20	2.416 - 2.451	rs6114506	rs6106895	<i>ZNF343</i>	0.76	0.59 - 0.99	0.041
9	103.203 - 103.212	rs10819926	rs16920338	<i>ZNF189</i>	0.76	0.59 - 0.99	0.041
1	105.494 - 107.379	rs7545715	rs4118325	<i>MIR548H3,PRMT6</i>	1.28	0.95 - 1.54	0.041
1	107.404 - 107.404	rs17018245	rs17018245	<i>PRMT6</i>	1.28	1.01 - 1.62	0.041
8	11.764 - 11.867	rs1296023	rs11998678	<i>CTSB,DEFB136</i>	1.29	1 - 1.62	0.041
1	110.062 - 110.062	rs11807	rs11807	<i>GSTM5</i>	1.28	1.01 - 1.62	0.041
1	111.532 - 111.549	rs608881	rs623775	<i>DENND2D</i>	1.28	0.99 - 1.6	0.041
2	233.614 - 233.620	rs1400349	rs12694922	<i>NEU2,INPP5D</i>	1.28	1.01 - 1.63	0.041
4	174.199 - 174.323	rs11132977	rs4561909	<i>GALNTL6,GALNT7</i>	1.28	1 - 1.61	0.041
4	174.329 - 174.469	rs1006002	rs10520257	<i>GALNT7</i>	1.28	1.01 - 1.63	0.041

20	2.391 - 2.399	rs2143862	rs6049288	<i>SNRPB</i>	0.76	0.59 - 0.99	0.041
20	1.906 - 1.922	rs8183670	rs1997794	<i>PDYN</i>	0.76	0.6 - 1	0.041
10	122.511 - 122.511	rs2997254	rs2997254	<i>WDR11-AS1</i>	1.29	1.01 - 1.64	0.041
11	56.568 - 56.697	rs7126102	rs10896574	<i>OR5AK4P,LRRC55</i>	1.27	1.01 - 1.6	0.041
10	115.992 - 116.042	rs11597476	rs12357853	<i>VWA2</i>	1.28	1.01 - 1.62	0.041
2	233.634 - 233.780	rs6437087	rs14243	<i>INPP5D</i>	1.28	1.01 - 1.63	0.042
7	30.384 - 30.395	rs7787931	rs6947237	<i>DKFZP586I1420,LINC011</i>	1.29	1.01 - 1.64	0.042
7	30.405 - 30.409	rs17158982	rs6956553	<i>LINC01176</i>	1.29	1.01 - 1.64	0.042
18	9.876 - 9.878	rs601874	rs17805578	<i>TXNDC2</i>	1.28	1.01 - 1.63	0.042
18	9.898 - 9.898	rs11081512	rs11081512	<i>TXNDC2,VAPA</i>	1.28	1.01 - 1.63	0.042
18	9.903 - 9.949	rs11081513	rs28212	<i>VAPA</i>	1.28	1.01 - 1.63	0.042
4	154.302 - 154.473	rs11099873	rs2405967	<i>TRIM2</i>	1.30	0.99 - 1.64	0.042
20	2.312 - 2.358	rs1967678	rs2076650	<i>TGM6</i>	0.76	0.59 - 1	0.042
3	174.602 - 175.478	rs686998	rs692457	<i>NLGN1</i>	1.29	0.95 - 1.55	0.042
1	111.549 - 111.564	rs2477582	rs2764546	<i>DENND2D,CHI3L2</i>	1.28	1.01 - 1.62	0.042
11	60.075 - 60.130	rs2847222	rs7934499	<i>MS4A13,LINC00301</i>	1.28	1 - 1.6	0.042
4	186.376 - 186.517	rs1534143	rs6810778	<i>SNX25</i>	1.29	1 - 1.63	0.042
13	46.370 - 47.402	rs731245	rs12427929	<i>HTR2A,SUCLA2</i>	0.76	0.62 - 1.04	0.042
9	365.87 - 918.57	rs10814410	rs9408752	<i>FAM138C,FOXD4</i>	0.77	0.59 - 0.99	0.042
9	152.695 - 152.695	rs2810979	rs2810979	<i>CBWD1</i>	0.77	0.59 - 0.99	0.042
9	182.129 - 182.129	rs3008131	rs3008131	<i>CBWD1,C9orf66</i>	0.77	0.59 - 0.99	0.042
9	207.826 - 456.148	rs10964703	rs10815025	<i>DOCK8</i>	0.77	0.59 - 0.99	0.042
9	456.816 - 459.265	rs4742002	rs10974644	<i>DOCK8,KANK1</i>	0.77	0.59 - 0.99	0.042
9	461.158 - 730.592	rs876577	rs2296050	<i>KANK1</i>	0.77	0.59 - 0.99	0.042
7	107.885 - 107.893	rs3763462	rs12538539	<i>NRCAM,PNPLA8</i>	0.76	0.59 - 0.99	0.042
1	111.575 - 111.588	rs2255089	rs2477579	<i>CHI3L2</i>	1.28	1.01 - 1.62	0.042
8	68.436 - 68.491	rs12678865	rs13439013	<i>ARFGEF1,CPA6</i>	1.27	1.01 - 1.61	0.042
8	68.502 - 68.821	rs11989425	rs2553661	<i>CPA6</i>	1.27	1.01 - 1.61	0.042
4	185.072 - 185.172	rs1983503	rs6836767	<i>STOX2</i>	1.29	0.97 - 1.58	0.042
20	802.134 - 844.012	rs4813850	rs478451	<i>ANGPT4</i>	0.76	0.59 - 0.99	0.042
4	81.410 - 81.430	rs10518238	rs4690150	<i>FGF5</i>	0.77	0.59 - 0.99	0.042
4	81.440 - 81.471	rs1118550	rs6822305	<i>FGF5,C4orf22</i>	0.77	0.59 - 0.99	0.042
4	81.504 - 82.103	rs6855317	rs1052325	<i>C4orf22</i>	0.77	0.59 - 0.99	0.042
5	178.711 - 178.907	rs681568	rs7733389	<i>ADAMTS2,RUFY1</i>	1.28	1 - 1.61	0.042
4	82.199 - 82.223	rs7659948	rs17005048	<i>BMP3,PRKG2</i>	0.77	0.6 - 1	0.042
8	68.333 - 68.412	rs10504399	rs6472297	<i>ARFGEF1</i>	1.27	1.01 - 1.6	0.043
18	8.606 - 8.619	rs12455759	rs9947533	<i>RAB12</i>	1.28	1 - 1.61	0.043
4	184.819 - 184.864	rs4861567	rs11931311	<i>TRAPPC11</i>	1.29	0.99 - 1.62	0.043
4	175.801 - 175.984	rs4235212	rs6820947	<i>GLRA3</i>	1.28	0.97 - 1.58	0.043
7	30.175 - 30.276	rs12113171	rs11489368	<i>MTURN,ZNRF2</i>	1.29	1 - 1.63	0.043
7	30.336 - 30.357	rs6979671	rs17158888	<i>ZNRF2</i>	1.29	1.01 - 1.64	0.043
10	120.887 - 120.887	rs10787921	rs10787921	<i>FAM45A,FAM45B</i>	1.28	1.01 - 1.63	0.043
8	62.792 - 63.319	rs9693750	rs10957216	<i>MIR4470,NKAIN3</i>	1.27	0.99 - 1.58	0.043
6	43.321 - 43.354	rs2651206	rs2756173	<i>TTBK1</i>	0.76	0.59 - 1	0.043
2	231.977 - 232.009	rs13002735	rs7563453	<i>B3GNT7,NCL</i>	1.28	1.01 - 1.63	0.043
8	67.597 - 67.628	rs16932954	rs7012434	<i>C8orf46,MYBL1</i>	1.27	1.01 - 1.6	0.043
8	67.654 - 67.662	rs11993306	rs4641051	<i>MYBL1</i>	1.27	1.01 - 1.6	0.043
8	67.740 - 67.740	rs3808602	rs3808602	<i>VCPIP1</i>	1.27	1.01 - 1.6	0.043
8	67.742 - 67.753	rs7840192	rs6983214	<i>C8orf44,C8orf44-SGK3</i>	1.27	1.01 - 1.6	0.043
8	67.754 - 67.754	rs1909534	rs1909534	<i>C8orf44</i>	1.27	1.01 - 1.6	0.043
8	67.765 - 67.765	rs16933032	rs16933032	<i>C8orf44-SGK3</i>	1.27	1.01 - 1.6	0.043
8	67.790 - 67.922	rs11996861	rs16933080	<i>C8orf44-SGK3,SGK3</i>	1.27	1.01 - 1.6	0.043
8	67.996 - 67.996	rs11995086	rs11995086	<i>MCMDC2</i>	1.27	1.01 - 1.6	0.043
8	67.997 - 67.997	rs3779995	rs3779995	<i>SNHG6</i>	1.27	1.01 - 1.6	0.043
8	68.010 - 68.010	rs6984650	rs6984650	<i>SNHG6,TCF24</i>	1.27	1.01 - 1.6	0.043
8	68.063 - 68.097	rs7005014	rs11995838	<i>PPP1R42</i>	1.27	1.01 - 1.6	0.043

8	68.109 - 68.109	rs7816827	rs7816827	<i>PPPIR42,COPS5</i>	1.27	1.01 - 1.6	0.043
8	68.136 - 68.136	rs1138476	rs1138476	<i>COPS5</i>	1.27	1.01 - 1.6	0.043
8	68.207 - 68.207	rs16933173	rs16933173	<i>CSPP1</i>	1.27	1.01 - 1.6	0.043
7	26.649 - 26.649	rs7807239	rs7807239	<i>C7orf71</i>	1.29	1.01 - 1.64	0.043
8	70.543 - 70.734	rs2583084	rs11996377	<i>SULF1</i>	1.28	0.99 - 1.6	0.043
4	189.765 - 191.029	rs4241895	rs4863300	<i>LINC01060,FRG1</i>	1.28	1 - 1.62	0.043
7	107.898 - 107.956	rs17134769	rs40899	<i>PNPLA8</i>	0.76	0.59 - 0.99	0.043
12	129.099 - 129.200	rs11611501	rs937532	<i>RP11-474D1.3,FZD10-AS</i>	1.29	0.99 - 1.62	0.043
10	115.807 - 115.865	rs2024183	rs7100987	<i>ADRB1,C10orf118</i>	1.28	1 - 1.6	0.043
10	115.877 - 115.917	rs3740153	rs10509999	<i>C10orf118</i>	1.28	1.01 - 1.62	0.043
10	115.949 - 115.968	rs7085881	rs12781853	<i>TDRD1</i>	1.28	1.01 - 1.62	0.043
10	115.984 - 115.985	rs3930006	rs11594379	<i>TDRD1,VWA2</i>	1.28	1.01 - 1.62	0.043
9	105.986 - 106.300	rs12341963	rs10820656	<i>MIR6130,OR13F1</i>	0.77	0.6 - 1	0.043
4	175.992 - 176.059	rs6553831	rs966766	<i>GLRA3,ADAM29</i>	1.28	1.01 - 1.63	0.043
8	67.506 - 67.538	rs35352031	rs2718998	<i>ADHFE1</i>	1.27	1.01 - 1.6	0.044
1	110.021 - 110.022	rs12024479	rs7537275	<i>GSTM2</i>	1.28	1 - 1.61	0.044
1	110.054 - 110.054	rs1758109	rs1758109	<i>GSTM1,GSTM5</i>	1.28	1.01 - 1.62	0.044
10	114.928 - 115.298	rs7893608	rs4918839	<i>TCF7L2,HABP2</i>	1.28	1.01 - 1.63	0.044
4	81.349 - 81.404	rs34319350	rs17004857	<i>PRDM8,FGF5</i>	0.77	0.6 - 1	0.044
20	2.455 - 2.463	rs8122680	rs17317517	<i>ZNF343,TMC2</i>	0.77	0.59 - 0.99	0.044
1	111.909 - 111.940	rs10776733	rs6677933	<i>ADORA3,LINC01160</i>	1.28	1 - 1.61	0.044
4	155.724 - 155.724	rs2070022	rs2070022	<i>FGA</i>	1.28	1.01 - 1.63	0.044
20	52.271 - 52.516	rs6097850	rs6097998	<i>PFDN4,DOK5</i>	0.77	0.62 - 1.03	0.044
10	118.236 - 118.277	rs11814907	rs10885982	<i>PNLIPRP3,PNLIP</i>	1.29	1 - 1.63	0.044
10	118.303 - 118.318	rs2915748	rs2915768	<i>PNLIP</i>	1.29	1.01 - 1.64	0.044
10	118.318 - 118.337	rs3010494	rs7921168	<i>PNLIP,PNLIPRP1</i>	1.29	1.01 - 1.64	0.044
5	176.805 - 176.805	rs2731662	rs2731662	<i>PRR7-AS1</i>	1.28	1.01 - 1.62	0.044
5	176.823 - 176.831	rs337374	rs335420	<i>DBN1</i>	1.28	1.01 - 1.62	0.044
3	175.485 - 176.057	rs556426	rs4894687	<i>NLGN1,NAALADL2</i>	1.29	1.01 - 1.64	0.044
5	176.934 - 176.941	rs234375	rs424727	<i>FAM193B,TMED9</i>	1.28	1.01 - 1.62	0.044
4	155.896 - 155.919	rs156500	rs156543	<i>LRAT,RBM46</i>	1.28	0.99 - 1.61	0.044
8	67.546 - 67.562	rs2719008	rs2555586	<i>ADHFE1,C8orf46</i>	1.27	1.01 - 1.6	0.044
11	45.127 - 45.210	rs754839	rs4433560	<i>PRDM11</i>	1.27	1 - 1.6	0.044
20	5.246 - 5.357	rs6053300	rs6053386	<i>PROKR2,LINC00658</i>	0.77	0.61 - 1.02	0.044
5	36.347 - 36.638	rs7730506	rs2731878	<i>RANBP3L,SLC1A3</i>	1.28	1 - 1.62	0.044
8	67.275 - 67.492	rs12156157	rs17383243	<i>LINC00967,RP11-346I3.</i>	1.27	1 - 1.59	0.044
5	176.974 - 176.974	rs13169820	rs7720519	<i>B4GALT7,LOC202181</i>	1.28	1.01 - 1.62	0.044
12	129.201 - 129.209	rs7134211	rs4760084	<i>FZD10-AS1</i>	1.29	1.01 - 1.65	0.044
4	184.888 - 185.061	rs12499750	rs13136254	<i>TRAPPC11,STOX2</i>	1.29	1.01 - 1.64	0.044
10	119.963 - 120.057	rs853571	rs17618810	<i>CASC2,FAM204A</i>	1.28	1.01 - 1.62	0.044
20	2.968 - 2.971	rs6138988	rs3761244	<i>PTPRA,GNRH2</i>	0.77	0.59 - 0.99	0.044
20	10.604 - 10.801	rs910118	rs6040212	<i>JAG1,RP4-697P8.3</i>	0.76	0.6 - 1.02	0.044
20	13.161 - 13.229	rs6134825	rs538816	<i>ISM1</i>	0.76	0.6 - 1.01	0.045
4	155.700 - 155.700	rs4333166	rs4333166	<i>PLRG1,FGB</i>	1.28	1.01 - 1.63	0.045
4	155.710 - 155.712	rs4681	rs2059503	<i>FGB</i>	1.28	1.01 - 1.63	0.045
1	111.826 - 111.905	rs1361136	rs6693944	<i>ADORA3</i>	1.27	1 - 1.61	0.045
8	67.572 - 67.590	rs957655	rs10095700	<i>C8orf46</i>	1.27	1.01 - 1.6	0.045
1	111.218 - 111.237	rs10494122	rs12119975	<i>CD53</i>	1.28	1.01 - 1.62	0.045
6	27.481 - 27.521	rs4455661	rs13195040	<i>ZNF391,ZNF184</i>	0.77	0.6 - 1.01	0.045
6	27.536 - 27.536	rs10946920	rs10946920	<i>ZNF184</i>	0.77	0.59 - 0.99	0.045
6	27.550 - 27.765	rs2064093	rs6920044	<i>ZNF184,LINC01012</i>	0.77	0.59 - 0.99	0.045
2	231.967 - 231.973	rs17513198	rs13025087	<i>B3GNT7</i>	1.28	1.01 - 1.63	0.045
20	2.773 - 2.785	rs6132976	rs6037426	<i>VPS16</i>	0.77	0.6 - 1.01	0.045
20	2.803 - 2.968	rs622601	rs2296236	<i>PTPRA</i>	0.77	0.59 - 0.99	0.045
19	6.470 - 6.475	rs6510904	rs12151125	<i>TUBB4A,TNFSF9</i>	0.75	0.57 - 0.99	0.045
4	178.523 - 178.584	rs4690383	rs41433249	<i>NEIL3,AGA</i>	1.27	1.01 - 1.62	0.045

20	6.458 - 6.695	rs1575127	rs1979855	<i>CASC20,BMP2</i>	0.77	0.63 - 1.05	0.045
11	45.273 - 45.623	rs11827182	rs10769158	<i>SYT13,CHST1</i>	1.27	1 - 1.59	0.045
8	63.325 - 64.060	rs1483176	rs4737623	<i>NKAIN3</i>	1.27	1 - 1.6	0.045
5	176.746 - 176.746	rs3812036	rs3812036	<i>SLC34A1</i>	1.27	1.01 - 1.61	0.045
5	176.770 - 176.780	rs1363352	rs7723162	<i>F12,GRK6</i>	1.27	1.01 - 1.61	0.045
17	63.728 - 63.745	rs9901769	rs11867796	<i>LOC440461,AMZ2</i>	0.77	0.6 - 0.99	0.045
13	59.637 - 59.854	rs4547237	rs1341836	<i>DIAPH3,TDRD3</i>	0.76	0.59 - 1	0.045
10	116.052 - 116.155	rs507098	rs1535388	<i>AFAPIL2</i>	1.28	1.01 - 1.62	0.045
20	3.036 - 3.073	rs864140	rs857253	<i>UBOX5-AS1</i>	0.77	0.59 - 1	0.045
20	3.050 - 3.050	rs999409	rs999409	<i>UBOX5</i>	0.77	0.59 - 0.99	0.045
20	11.858 - 12.787	rs1883791	rs7269295	<i>BTBD3,RP5-1069C8.2</i>	0.76	0.6 - 1.02	0.045
7	30.413 - 30.417	rs7801666	rs6951740	<i>LINC01176,NOD1</i>	1.28	1.01 - 1.64	0.045
7	30.476 - 30.482	rs730360	rs17770244	<i>NOD1</i>	1.28	1.01 - 1.64	0.045
7	30.501 - 30.501	rs2529447	rs2529447	<i>NOD1,GGCT</i>	1.28	1.01 - 1.64	0.045
7	30.506 - 30.508	rs38410	rs2952799	<i>GGCT</i>	1.28	1.01 - 1.64	0.045
9	101.916 - 102.100	rs7846794	rs3813712	<i>INVS</i>	0.77	0.59 - 1	0.045
9	102.115 - 102.151	rs4446782	rs10989064	<i>TEX10</i>	0.77	0.59 - 0.99	0.045
9	102.178 - 102.210	rs10989072	rs12684438	<i>TEX10,MSANTD3</i>	0.77	0.59 - 0.99	0.045
9	102.242 - 102.253	rs10989094	rs1556487	<i>MSANTD3</i>	0.77	0.59 - 0.99	0.045
9	102.248 - 102.248	rs16919111	rs16919111	<i>MSANTD3,MSANTD3-TMEFF</i>	0.77	0.59 - 0.99	0.045
9	102.267 - 102.272	rs7869933	rs7046408	<i>MSANTD3-TMEFF1</i>	0.77	0.59 - 0.99	0.045
9	102.298 - 102.364	rs7028822	rs10989154	<i>MSANTD3-TMEFF1,TMEFF1</i>	0.77	0.59 - 0.99	0.045
4	82.111 - 82.164	rs10049776	rs17005024	<i>C4orf22,BMP3</i>	0.77	0.61 - 1.01	0.045
4	82.176 - 82.190	rs10031561	rs9307778	<i>BMP3</i>	0.77	0.6 - 0.99	0.045
13	59.488 - 59.511	rs386809	rs17057556	<i>DIAPH3-AS1</i>	0.76	0.59 - 0.99	0.045
1	111.665 - 111.688	rs12036618	rs17027471	<i>CHIA,PIFO</i>	1.27	1 - 1.61	0.045
1	111.691 - 111.697	rs3738307	rs1058530	<i>PIFO</i>	1.27	1.01 - 1.61	0.045
1	111.698 - 111.726	rs11102257	rs4839130	<i>PIFO,PGCPI</i>	1.27	1.01 - 1.61	0.045
6	64.090 - 64.330	rs9448873	rs6936079	<i>LGSN,PTP4A1</i>	0.76	0.59 - 1	0.045
10	111.888 - 111.954	rs12249724	rs10787225	<i>ADD3,MXII</i>	1.28	0.98 - 1.58	0.045
10	111.956 - 112.031	rs1891374	rs2855469	<i>MXII</i>	1.28	1.01 - 1.62	0.045
6	44.393 - 44.414	rs2396242	rs9472252	<i>AARS2,SPATS1</i>	0.77	0.59 - 1	0.045
7	107.960 - 107.988	rs17155881	rs2240449	<i>PNPLA8,THAP5</i>	0.77	0.59 - 0.99	0.046
6	43.095 - 43.095	rs3823423	rs3823423	<i>KLHDC3</i>	0.77	0.59 - 0.99	0.046
6	43.100 - 43.100	rs3749904	rs3749904	<i>RRP36</i>	0.77	0.59 - 0.99	0.046
2	232.039 - 232.077	rs4973410	rs7571691	<i>NCL,LINC00471</i>	1.28	1.01 - 1.63	0.046
2	232.083 - 232.087	rs6742104	rs12464121	<i>LINC00471</i>	1.28	1.01 - 1.63	0.046
9	103.302 - 103.313	rs7045287	rs1407869	<i>TMEM246,RNF20</i>	0.77	0.59 - 0.99	0.046
2	232.170 - 232.273	rs4973451	rs13398149	<i>C2orf57,PTMA</i>	1.28	1 - 1.62	0.046
2	232.284 - 232.284	rs2070936	rs2070936	<i>PTMA</i>	1.28	1.01 - 1.62	0.046
2	232.293 - 232.293	rs11695646	rs11695646	<i>PTMA,PDE6D</i>	1.28	1.01 - 1.62	0.046
13	102.737 - 102.897	rs2699316	rs9558075	<i>MIR548AS,NONE</i>	0.76	0.6 - 1.03	0.046
7	107.989 - 107.993	rs2190403	rs40947	<i>THAP5</i>	0.77	0.59 - 1	0.046
7	107.998 - 107.998	rs10270723	rs10270723	<i>DNAJB9</i>	0.77	0.59 - 1	0.046
7	108.006 - 108.309	rs12666562	rs848405	<i>DNAJB9,C7orf66</i>	0.77	0.59 - 1	0.046
20	2.982 - 2.987	rs6076466	rs8184236	<i>MRPS26,OXT</i>	0.77	0.59 - 1	0.046
20	3.032 - 3.032	rs11087565	rs11087565	<i>AVP,UBOX5-AS1</i>	0.77	0.59 - 1	0.046
20	2.465 - 2.571	rs6049831	rs2422818	<i>TMC2</i>	0.77	0.59 - 1	0.046
4	178.471 - 178.515	rs17675452	rs7682807	<i>NEIL3</i>	1.27	1 - 1.6	0.046
11	60.340 - 60.364	rs2957229	rs1544398	<i>MS4A10,CCDC86</i>	1.27	1 - 1.61	0.046
6	43.062 - 43.066	rs3805948	rs6901782	<i>PPP2R5D</i>	0.77	0.59 - 1	0.046
5	124.401 - 124.714	rs11956205	rs6887011	<i>RP11-257I8.2</i>	1.27	0.99 - 1.59	0.046
21	18.562 - 18.562	rs2051359	rs2051359	<i>CHODL,TMPRSS15</i>	1.29	1.01 - 1.65	0.046
8	16.949 - 17.019	rs6988267	rs2904647	<i>MICU3</i>	1.28	1 - 1.63	0.046
5	179.043 - 179.043	rs12518476	rs12518476	<i>CBY3,CANX</i>	1.28	1 - 1.62	0.046
5	179.063 - 179.063	rs12374446	rs12374446	<i>CANX</i>	1.28	1 - 1.62	0.046

6	42.999 - 42.999	rs6936722	rs6936722	<i>PTCRA</i>	0.77	0.59 - 1	0.046
6	43.010 - 43.010	rs3763236	rs3763236	<i>CNPY3</i>	0.77	0.59 - 1	0.046
6	43.020 - 43.023	rs7745150	rs6941212	<i>CNPY3,GNMT</i>	0.77	0.59 - 1	0.046
6	43.042 - 43.050	rs3818554	rs9986447	<i>PEX6</i>	0.77	0.59 - 1	0.046
1	112.122 - 112.324	rs535317	rs3008527	<i>KCND3</i>	1.27	1 - 1.6	0.046
13	47.414 - 47.464	rs7991892	rs7997802	<i>SUCLA2</i>	0.77	0.59 - 1	0.046
13	47.485 - 47.505	rs9534909	rs7983350	<i>SUCLA2,NUDT15</i>	0.77	0.59 - 1	0.046
13	47.510 - 47.516	rs17071168	rs9567986	<i>NUDT15</i>	0.77	0.59 - 1	0.046
13	47.522 - 47.545	rs7997347	rs7323702	<i>NUDT15,MED4</i>	0.77	0.59 - 1	0.046
13	47.550 - 47.550	rs2182375	rs2182375	<i>MED4-AS1</i>	0.77	0.59 - 1	0.046
2	231.623 - 231.623	rs6748332	rs6748332	<i>C2orf72</i>	1.28	1 - 1.62	0.046
2	231.649 - 231.745	rs1472959	rs10498256	<i>PSMD1</i>	1.28	1 - 1.62	0.046
2	231.689 - 231.689	rs16827801	rs16827801	<i>HTR2B,PSMD1</i>	1.28	1 - 1.62	0.046
4	186.184 - 186.285	rs6827639	rs4862511	<i>HELT,SLC25A4</i>	1.28	0.99 - 1.61	0.046
7	30.520 - 30.540	rs38433	rs38452	<i>GGCT,LOC401320</i>	1.28	1 - 1.63	0.046
7	30.559 - 30.583	rs38471	rs38488	<i>LOC401320</i>	1.28	1 - 1.63	0.046
7	30.608 - 30.639	rs10239537	rs2240400	<i>GARS</i>	1.28	1 - 1.63	0.046
8	67.098 - 67.169	rs10092425	rs6472246	<i>DNAJC5B</i>	1.27	1 - 1.58	0.046
8	67.186 - 67.199	rs12334408	rs7843077	<i>DNAJC5B,TRIM55</i>	1.27	1 - 1.6	0.046
8	67.201 - 67.247	rs6998258	rs10957368	<i>TRIM55</i>	1.27	1 - 1.6	0.046
6	43.268 - 43.298	rs9462873	rs16896362	<i>CUL9</i>	0.77	0.59 - 1	0.046
20	4.122 - 4.125	rs7274772	rs2027237	<i>RP4-779E11.3</i>	0.77	0.6 - 1	0.046
9	106.735 - 107.041	rs2472496	rs6479302	<i>ABCA1,SLC44A1</i>	0.77	0.61 - 1.02	0.047
9	114.955 - 114.964	rs11794048	rs10513187	<i>SLC31A2</i>	0.77	0.59 - 1	0.047
5	179.222 - 179.263	rs1298	rs190592	<i>TBC1D9B</i>	1.28	1 - 1.61	0.047
2	232.089 - 232.094	rs6754952	rs4973437	<i>LINC00471,NMUR1</i>	1.28	1 - 1.63	0.047
8	16.905 - 16.922	rs3763549	rs2517008	<i>FGF20,MICU3</i>	1.28	1 - 1.63	0.047
6	44.432 - 44.449	rs10948134	rs6918742	<i>SPATS1</i>	0.77	0.59 - 1	0.047
6	44.453 - 44.461	rs9395010	rs4711781	<i>SPATS1,CDC5L</i>	0.77	0.59 - 1	0.047
4	4.344 - 4.371	rs6857195	rs6839561	<i>ZBTB49</i>	0.77	0.6 - 1.01	0.047
8	17.798 - 17.817	rs2653426	rs7001790	<i>FGL1,PCMI</i>	1.28	1 - 1.62	0.047
5	179.028 - 179.028	rs11744173	rs10040357	<i>C5orf60,CBY3</i>	1.28	1 - 1.62	0.047
1	111.757 - 111.771	rs1764807	rs17027661	<i>OVGP1</i>	1.27	1 - 1.61	0.047
1	111.776 - 111.776	rs1264913	rs1264913	<i>OVGP1,WDR77</i>	1.27	1 - 1.61	0.047
1	111.791 - 111.792	rs2298185	rs17528989	<i>WDR77</i>	1.27	1 - 1.61	0.047
1	111.793 - 111.801	rs1264899	rs12039707	<i>ATP5F1</i>	1.27	1 - 1.61	0.047
1	111.816 - 111.816	rs12740822	rs12740822	<i>ATP5F1,C1orf162</i>	1.27	1 - 1.61	0.047
1	111.820 - 111.820	rs6692745	rs6692745	<i>C1orf162</i>	1.27	1 - 1.61	0.047
1	111.826 - 111.826	rs11102286	rs11102286	<i>C1orf162,ADORA3</i>	1.27	1 - 1.61	0.047
6	64.051 - 64.086	rs2459572	rs7776434	<i>LGSN</i>	0.76	0.59 - 1	0.047
20	59.263 - 59.949	rs3752252	rs1776262	<i>CDH4</i>	0.77	0.65 - 1.09	0.047
9	103.339 - 103.358	rs16920473	rs17188758	<i>RNF20</i>	0.77	0.6 - 1	0.047
9	103.394 - 103.395	rs3739723	rs1407877	<i>PPP3R2</i>	0.77	0.6 - 1	0.047
20	52.526 - 52.701	rs6512962	rs6091942	<i>DOK5</i>	0.77	0.6 - 1.01	0.047
6	64.350 - 64.350	rs16894460	rs16894460	<i>PTP4A1</i>	0.76	0.59 - 1	0.047
6	64.381 - 64.401	rs2881842	rs11759362	<i>PTP4A1,PHF3</i>	0.76	0.59 - 1	0.047
6	64.429 - 64.444	rs6922047	rs10485358	<i>PHF3</i>	0.76	0.59 - 1	0.047
6	43.128 - 43.128	rs4711738	rs4711738	<i>CUL7</i>	0.77	0.59 - 1	0.047
1	109.883 - 109.886	rs17023249	rs12023963	<i>GPR61</i>	1.27	0.99 - 1.59	0.047
1	109.897 - 109.940	rs577953	rs559479	<i>GNAI3</i>	1.27	1 - 1.61	0.047
4	177.841 - 177.937	rs2016110	rs17063747	<i>VEGFC</i>	1.27	1 - 1.61	0.047
8	10.791 - 11.093	rs7014968	rs11783045	<i>XKR6</i>	1.27	0.97 - 1.57	0.047
6	44.374 - 44.389	rs1123523	rs9349279	<i>AARS2</i>	0.77	0.59 - 1	0.047
6	32.917 - 32.918	rs9357155	rs9276810	<i>PSMB8</i>	0.77	0.6 - 1	0.048
6	32.922 - 32.925	rs4711312	rs12529313	<i>TAPI</i>	0.77	0.6 - 1	0.048
8	17.548 - 17.687	rs11203882	rs10099690	<i>MTUS1</i>	1.28	0.99 - 1.61	0.048

2	211.254 - 211.947	rs4142152	rs1821659	<i>CPS1,ERBB4</i>	1.27	0.96 - 1.53	0.048
10	118.177 - 118.228	rs17094724	rs10787677	<i>PNLIPRP3</i>	1.28	1 - 1.63	0.048
20	12.795 - 12.878	rs6033532	rs13036973	<i>RP5-1069C8.2</i>	0.76	0.59 - 1	0.048
4	179.151 - 180.199	rs10010019	rs9312239	<i>LINC01098,NONE</i>	1.28	0.98 - 1.58	0.048
10	120.063 - 120.092	rs6585481	rs11198369	<i>FAM204A</i>	1.27	1 - 1.61	0.048
10	120.108 - 120.108	rs236212	rs236212	<i>LINC00867</i>	1.27	1 - 1.62	0.048
10	120.110 - 120.340	rs10787816	rs10787849	<i>LINC00867,PRLHR</i>	1.27	1 - 1.62	0.048
6	32.937 - 32.968	rs9276825	rs9469300	<i>PSMB9,LOC100294145</i>	0.77	0.6 - 1	0.048
6	32.973 - 32.978	rs241405	rs3101942	<i>LOC100294145</i>	0.77	0.6 - 1	0.048
6	32.988 - 32.988	rs154982	rs154982	<i>LOC100294145,HLA-DMB</i>	0.77	0.6 - 1	0.048
6	33.009 - 33.013	rs3132132	rs714289	<i>HLA-DMB</i>	0.77	0.6 - 1	0.048
6	33.025 - 33.025	rs1063478	rs1063478	<i>HLA-DMA</i>	0.77	0.6 - 1	0.048
6	33.030 - 33.042	rs9378127	rs206785	<i>HLA-DMA,BRD2</i>	0.77	0.6 - 1	0.048
6	33.046 - 33.054	rs17840186	rs206781	<i>BRD2</i>	0.77	0.6 - 1	0.048
9	114.967 - 115.022	rs1128150	rs4979224	<i>FKBP15</i>	0.77	0.59 - 1	0.048
4	8.365 - 8.411	rs4235262	rs1095600	<i>HTRA3,ACOX3</i>	0.76	0.59 - 1.02	0.048
9	1.048 - 2.001	rs10809101	rs10757112	<i>DMRT2,SMARCA2</i>	0.77	0.62 - 1.03	0.048
9	101.789 - 101.894	rs1852865	rs7849609	<i>ERP44</i>	0.77	0.61 - 1.02	0.048
20	9.465 - 9.764	rs16996034	rs6056921	<i>PAK7</i>	0.77	0.6 - 1	0.048
1	111.728 - 111.734	rs17027572	rs11586361	<i>PGCPI</i>	1.27	1 - 1.61	0.048
6	43.307 - 43.318	rs10948067	rs9462880	<i>DNPPI,TTBK1</i>	0.77	0.59 - 1	0.048
4	178.892 - 179.146	rs4632595	rs11727108	<i>LINC01098</i>	1.27	0.98 - 1.57	0.048
20	5.443 - 5.465	rs6133219	rs6107647	<i>RP5-1022P6.4,GPCPD1</i>	0.77	0.6 - 1.02	0.048
20	5.546 - 5.666	rs2136583	rs6053642	<i>GPCPD1,C20orf196</i>	0.76	0.59 - 1.01	0.048
18	8.706 - 8.820	rs2160912	rs7235093	<i>SOGA2</i>	1.27	0.99 - 1.59	0.048
8	17.031 - 17.054	rs10441661	rs2952131	<i>MICU3,ZDHHC2</i>	1.28	1 - 1.62	0.048
8	17.068 - 17.119	rs2705184	rs3213600	<i>ZDHHC2</i>	1.28	1 - 1.63	0.048
8	16.896 - 16.904	rs11993811	rs3936758	<i>FGF20</i>	1.28	1 - 1.62	0.048
10	124.455 - 124.503	rs4980233	rs2153670	<i>C10orf120,DBMT1P1</i>	1.27	1 - 1.62	0.049
5	178.984 - 178.998	rs6886107	rs6601062	<i>HNRNPH1,C5orf60</i>	1.27	1 - 1.62	0.049
6	43.306 - 43.306	rs12202644	rs12202644	<i>DNPPI</i>	0.77	0.59 - 1	0.049
1	109.942 - 109.942	rs1889470	rs1889470	<i>MIR197</i>	1.27	1 - 1.61	0.049
1	109.945 - 109.945	rs17024195	rs17024195	<i>MIR197,GNAT2</i>	1.27	1 - 1.61	0.049
1	112.344 - 112.729	rs10857917	rs2492497	<i>LOC643355,CTTNBP2NL</i>	1.27	1 - 1.6	0.049
11	45.752 - 45.769	rs2467287	rs10769170	<i>DKFZp779M0652,SLC35C1</i>	1.27	0.99 - 1.59	0.049
11	45.784 - 45.784	rs11823366	rs11823366	<i>SLC35C1</i>	1.27	1 - 1.6	0.049
13	60.173 - 60.669	rs1329695	rs9563898	<i>LINC00378,MIR3169</i>	0.77	0.59 - 1	0.049
1	109.950 - 109.957	rs1799875	rs4970768	<i>GNAT2</i>	1.27	1 - 1.61	0.049
1	109.973 - 109.975	rs523786	rs568686	<i>AMPD2</i>	1.27	1 - 1.61	0.049
1	232.109 - 232.527	rs10797501	rs12122244	<i>SLC35F3</i>	1.28	0.99 - 1.62	0.049
5	176.530 - 176.658	rs9313749	rs4976682	<i>NSD1</i>	1.27	0.99 - 1.59	0.049
5	176.672 - 176.672	rs11949767	rs11949767	<i>MXD3</i>	1.27	1 - 1.61	0.049
5	176.673 - 176.687	rs6885410	rs6894692	<i>MXD3,LMAN2</i>	1.27	1 - 1.61	0.049
5	176.698 - 176.698	rs11949401	rs4976685	<i>LMAN2</i>	1.27	1 - 1.61	0.049
5	176.717 - 176.729	rs4075958	rs4074995	<i>RGS14</i>	1.27	1 - 1.61	0.049
11	45.647 - 45.667	rs11038608	rs2593748	<i>CHST1,MIR7154</i>	1.27	1 - 1.6	0.049
13	69.613 - 70.484	rs9529683	rs17087849	<i>ATXN8OS,LINC00348</i>	0.77	0.61 - 1.02	0.049
20	776.791 - 797.993	rs1106699	rs16994418	<i>FAM110A,ANGPT4</i>	0.77	0.61 - 1.02	0.049
20	5.502 - 5.517	rs2295372	rs6038214	<i>GPCPD1</i>	0.77	0.59 - 1	0.049
10	112.042 - 112.044	rs10787227	rs7074311	<i>SMNDC1</i>	1.27	1 - 1.61	0.049
10	112.062 - 112.242	rs1774646	rs10749033	<i>SMNDC1,DUSP5</i>	1.27	1 - 1.61	0.049
7	27.531 - 27.668	rs6956484	rs42088	<i>HIBADH</i>	1.27	1 - 1.61	0.049
7	27.670 - 27.742	rs12700831	rs17611937	<i>HIBADH,TAX1BP1</i>	1.27	1 - 1.61	0.049
8	11.477 - 11.585	rs11250149	rs2409811	<i>LINC00208,GATA4</i>	1.27	0.98 - 1.59	0.049
7	30.662 - 30.705	rs2267710	rs255114	<i>CRHR2</i>	1.28	1 - 1.63	0.049
8	67.260 - 67.261	rs6984398	rs10090752	<i>CRH,LINC00967</i>	1.26	1 - 1.59	0.049

8	67.271 - 67.271	rs16932632	rs16932632	<i>LINC00967</i>	1.26	1 - 1.59	0.049
4	184.488 - 184.600	rs35432122	rs4315839	<i>CLDN24,CDKN2AIP</i>	1.28	0.97 - 1.58	0.049
11	45.671 - 45.696	rs7117026	rs2666893	<i>MIR7154,LOC100507384</i>	1.27	0.99 - 1.59	0.049
4	81.217 - 81.322	rs6817424	rs11937820	<i>ANTXR2,PRDM8</i>	0.77	0.6 - 1.01	0.049

Table S5. Local European Ancestry (LEA) regions associated with stroke among African Americans from the Atherosclerosis Risk in Communities study (ARIC).

Chromosome	Gene region (Mb)	First SNP	Last SNP	Gene	Odds ratio	95% CI	p
6	18.681 - 19.939	rs760827	rs12528525	<i>MIR548A1, ID4</i>	1.57	1.19 - 2.04	9.69E-04
6	18.270 - 18.329	rs9477642	rs214506	<i>KDM1B</i>	1.56	1.2 - 2.04	0.001
6	18.582 - 18.675	rs1951904	rs41448944	<i>RNF144B, MIR548A1</i>	1.56	1.16 - 1.98	0.001
6	18.679 - 18.679	rs1569531	rs1569531	<i>MIR548A1</i>	1.56	1.19 - 2.04	0.001
6	17.869 - 18.082	rs9350058	rs2328176	<i>KIF13A</i>	1.56	1.19 - 2.02	0.001
6	17.419 - 17.500	rs1745070	rs2328099	<i>RBM24, CAP2</i>	1.55	1.18 - 2.01	0.001
6	18.111 - 18.211	rs2820221	rs11968343	<i>KIF13A, NHLRC1</i>	1.56	1.19 - 2.03	0.001
6	18.239 - 18.253	rs9367980	rs11964408	<i>TPMT</i>	1.55	1.19 - 2.02	0.001
6	18.496 - 18.576	rs9297069	rs7775169	<i>RNF144B</i>	1.55	1.18 - 2.01	0.001
6	18.375 - 18.487	rs214568	rs9383378	<i>DEK, RNF144B</i>	1.55	1.19 - 2.02	0.001
6	18.231 - 18.231	rs12199316	rs12199316	<i>NHLRC1</i>	1.55	1.19 - 2.02	0.001
6	17.503 - 17.664	rs1555111	rs4364474	<i>CAP2</i>	1.55	1.17 - 2	0.001
6	18.332 - 18.366	rs11200	rs172520	<i>DEK</i>	1.55	1.19 - 2.02	0.001
2	202.656 - 202.770	rs13397682	rs13015146	<i>LOC100652824</i>	0.60	0.45 - 0.84	0.001
6	16.884 - 17.208	rs649395	rs11969931	<i>ATXN1, STMND1</i>	1.55	1.18 - 2.01	0.001
6	17.257 - 17.376	rs6925565	rs3886378	<i>STMND1, RBM24</i>	1.54	1.16 - 1.98	0.002
6	17.397 - 17.397	rs4716132	rs4716132	<i>RBM24</i>	1.54	1.18 - 2.01	0.002
2	205.120 - 206.188	rs16836328	rs13387277	<i>PARD3B</i>	0.60	0.47 - 0.87	0.002
6	16.426 - 16.862	rs179996	rs2301594	<i>ATXN1</i>	1.54	1.03 - 1.78	0.002
6	17.818 - 17.862	rs6459562	rs7775447	<i>NUP153, KIF13A</i>	1.53	1.16 - 1.98	0.002
14	74.033 - 74.140	rs4903233	rs8006778	<i>LTBP2</i>	1.51	1.13 - 1.91	0.002
6	19.958 - 20.199	rs12190051	rs11964520	<i>ID4, MBOAT1</i>	1.53	1.14 - 1.96	0.002
6	20.215 - 20.318	rs2457336	rs1327665	<i>MBOAT1</i>	1.54	1.16 - 2.01	0.002
2	202.385 - 202.457	rs193602	rs10490084	<i>CDK15</i>	0.61	0.45 - 0.84	0.002
2	202.218 - 202.269	rs3754932	rs6731583	<i>MPP4</i>	0.61	0.47 - 0.87	0.002
2	202.274 - 202.351	rs7603563	rs6743082	<i>ALS2</i>	0.61	0.45 - 0.84	0.002
2	202.358 - 202.373	rs2110647	rs2052249	<i>ALS2, CDK15</i>	0.61	0.45 - 0.84	0.002
2	202.615 - 202.628	rs13026106	rs1402871	<i>FZD7, LOC100652824</i>	0.61	0.45 - 0.84	0.002
2	202.900 - 202.920	rs12471019	rs6736678	<i>NOP58, BMPR2</i>	0.61	0.45 - 0.84	0.002
6	17.680 - 17.703	rs4499919	rs1998614	<i>CAP2, FAM8A1</i>	1.51	1.16 - 1.98	0.002
6	17.719 - 17.719	rs3777710	rs3777710	<i>FAM8A1</i>	1.51	1.16 - 1.98	0.002
6	17.726 - 17.807	rs13220654	rs12199222	<i>NUP153</i>	1.51	1.16 - 1.98	0.002
2	202.772 - 202.774	rs13001933	rs10931992	<i>LOC100652824, SUMO1</i>	0.61	0.45 - 0.84	0.002
2	202.790 - 202.810	rs10185956	rs6761234	<i>SUMO1</i>	0.61	0.45 - 0.84	0.002
2	202.815 - 202.815	rs10931993	rs10931993	<i>SUMO1, NOP58</i>	0.61	0.45 - 0.84	0.002
2	202.850 - 202.850	rs16838988	rs16838988	<i>NOP58</i>	0.61	0.45 - 0.84	0.002
14	74.479 - 74.485	rs10138685	rs2268614	<i>PGF</i>	1.51	1.16 - 1.96	0.002
14	74.506 - 74.522	rs175001	rs175011	<i>PGF, EIF2B2</i>	1.51	1.16 - 1.96	0.002
6	17.210 - 17.233	rs1473745	rs10949404	<i>STMND1</i>	1.52	1.16 - 1.98	0.002
2	204.540 - 205.102	rs4675386	rs989629	<i>ICOS, PARD3B</i>	0.61	0.46 - 0.86	0.002
2	202.610 - 202.612	rs4673222	rs12478708	<i>FZD7</i>	0.62	0.45 - 0.84	0.003
14	74.545 - 74.545	rs175045	rs175045	<i>EIF2B2</i>	1.50	1.15 - 1.95	0.003
14	74.559 - 74.588	rs175057	rs175083	<i>MLH3</i>	1.50	1.15 - 1.95	0.003
2	201.270 - 201.351	rs2540057	rs10515941	<i>AOX2P</i>	0.62	0.46 - 0.85	0.003
2	201.285 - 201.285	rs11896227	rs11896227	<i>AC007163.3</i>	0.62	0.45 - 0.85	0.003
14	74.392 - 74.392	rs10483863	rs10483863	<i>PROX2</i>	1.50	1.15 - 1.96	0.003
14	74.409 - 74.410	rs11851433	rs4903262	<i>PROX2, DLST</i>	1.50	1.15 - 1.96	0.003
14	74.607 - 74.615	rs3742778	rs175490	<i>ZC2HC1C</i>	1.50	1.15 - 1.95	0.003
14	74.625 - 74.658	rs10142683	rs11623413	<i>NEK9</i>	1.50	1.15 - 1.95	0.003
2	202.472 - 202.591	rs7576585	rs12328774	<i>CDK15, FZD7</i>	0.62	0.45 - 0.85	0.003
6	20.323 - 20.506	rs9465658	rs6939054	<i>MBOAT1, E2F3</i>	1.52	1.14 - 1.98	0.003

14	74.419 - 74.435	rs8007114	rs732765	<i>DLST</i>	1.50	1.15 - 1.95	0.003
2	206.194 - 206.254	rs4675536	rs3806577	<i>PAR3B,NRP2</i>	0.62	0.46 - 0.85	0.003
2	201.164 - 201.243	rs17448359	rs2540066	<i>AOX1</i>	0.62	0.46 - 0.85	0.003
2	201.246 - 201.267	rs2540064	rs2540061	<i>AOX1,AOX2P</i>	0.62	0.46 - 0.85	0.003
2	203.357 - 203.423	rs4675292	rs10207567	<i>ICAIL</i>	0.62	0.46 - 0.85	0.003
2	203.501 - 203.553	rs10190966	rs10205697	<i>CARF</i>	0.62	0.46 - 0.85	0.003
2	203.569 - 203.569	rs7603031	rs7603031	<i>CARF,NBEAL1</i>	0.62	0.46 - 0.85	0.003
2	203.589 - 203.769	rs4675310	rs11678215	<i>NBEAL1</i>	0.62	0.46 - 0.85	0.003
2	203.793 - 203.799	rs12693982	rs2351773	<i>NBEAL1,CYP20A1</i>	0.62	0.46 - 0.85	0.003
2	203.823 - 203.877	rs4675326	rs6435181	<i>CYP20A1</i>	0.62	0.46 - 0.85	0.003
2	203.903 - 203.995	rs13430194	rs2255047	<i>ABI2</i>	0.62	0.46 - 0.85	0.003
2	201.064 - 201.071	rs10931901	rs967725	<i>KCTD18</i>	0.62	0.46 - 0.86	0.003
2	201.109 - 201.157	rs10497850	rs12621063	<i>SGOL2</i>	0.62	0.46 - 0.85	0.003
2	201.157 - 201.157	rs2072034	rs2072034	<i>AOX1;SGOL2</i>	0.62	0.46 - 0.85	0.003
2	204.014 - 204.072	rs2247197	rs2247380	<i>RAPH1</i>	0.62	0.46 - 0.85	0.003
2	196.781 - 197.158	rs10186734	rs10167169	<i>HECW2</i>	0.62	0.48 - 0.91	0.003
14	74.440 - 74.440	rs4903268	rs4903268	<i>RPS6KL1</i>	1.49	1.14 - 1.94	0.003
14	74.473 - 74.473	rs887746	rs887746	<i>RPS6KL1,PGF</i>	1.49	1.14 - 1.94	0.003
2	203.215 - 203.291	rs35202091	rs7571219	<i>FAM117B</i>	0.62	0.46 - 0.85	0.003
2	202.954 - 203.134	rs4303700	rs17199249	<i>BMPR2</i>	0.62	0.46 - 0.85	0.003
2	203.176 - 203.206	rs13403263	rs7581601	<i>BMPR2,FAM117B</i>	0.62	0.46 - 0.85	0.003
2	201.397 - 201.423	rs12995928	rs11897989	<i>BZWI,CLK1</i>	0.63	0.46 - 0.86	0.003
2	201.447 - 201.456	rs4035021	rs6747253	<i>PPIL3</i>	0.63	0.46 - 0.86	0.003
2	201.470 - 201.471	rs10204787	rs16835473	<i>NIF3L1</i>	0.63	0.46 - 0.86	0.003
2	201.356 - 201.364	rs10931921	rs3752657	<i>AC007163.6,AOX2P</i>	0.63	0.46 - 0.86	0.003
6	20.643 - 21.339	rs16883895	rs12200511	<i>CDKAL1</i>	1.50	1.09 - 1.88	0.003
2	201.391 - 201.391	rs2881880	rs2881880	<i>BZWI</i>	0.63	0.46 - 0.86	0.003
14	74.969 - 75.009	rs12587854	rs6574235	<i>JDP2</i>	1.49	1.13 - 1.93	0.003
14	74.153 - 74.181	rs4903249	rs10047892	<i>LTBP2,AREL1</i>	1.49	1.14 - 1.94	0.003
2	201.294 - 201.302	rs4674353	rs950233	<i>AC007163.3,AOX2P</i>	0.63	0.46 - 0.86	0.003
14	74.671 - 74.709	rs876402	rs2300601	<i>TMED10</i>	1.48	1.14 - 1.93	0.003
2	200.883 - 201.056	rs295149	rs6435052	<i>SPATS2L</i>	0.63	0.47 - 0.88	0.004
6	19.948 - 19.948	rs1047033	rs1047033	<i>ID4</i>	1.49	1.14 - 1.96	0.004
2	202.061 - 202.181	rs2540436	rs12464623	<i>ALS2CR11</i>	0.63	0.46 - 0.86	0.004
2	204.510 - 204.533	rs4675374	rs10932038	<i>ICOS</i>	0.63	0.46 - 0.86	0.004
2	201.809 - 201.836	rs2037815	rs6723097	<i>CASP8</i>	0.63	0.47 - 0.88	0.004
2	201.862 - 201.930	rs11674814	rs2110684	<i>ALS2CR12</i>	0.63	0.46 - 0.86	0.004
2	201.948 - 201.948	rs7585152	rs7585152	<i>ALS2CR12,TRAK2</i>	0.63	0.46 - 0.86	0.004
2	201.999 - 202.012	rs9288320	rs6722889	<i>TRAK2</i>	0.63	0.46 - 0.86	0.004
2	202.031 - 202.045	rs1009276	rs12991600	<i>STRADB</i>	0.63	0.46 - 0.86	0.004
14	74.837 - 74.958	rs8021524	rs2049822	<i>RP11-293M10.5,JDP2</i>	1.48	1.13 - 1.92	0.004
6	21.342 - 21.591	rs10946439	rs6939084	<i>CDKAL1,LINC00581</i>	1.49	1.14 - 1.96	0.004
2	204.135 - 204.278	rs2222413	rs3181097	<i>RAPH1,CD28</i>	0.63	0.47 - 0.87	0.004
2	204.449 - 204.506	rs1427676	rs3923093	<i>CTLA4,ICOS</i>	0.63	0.46 - 0.86	0.004
6	20.509 - 20.598	rs749215	rs4134981	<i>E2F3</i>	1.50	1.14 - 1.97	0.004
2	201.059 - 201.059	rs9288311	rs9288311	<i>SPATS2L,KCTD18</i>	0.63	0.46 - 0.86	0.004
2	204.318 - 204.435	rs1980422	rs231769	<i>CD28,CTLA4</i>	0.63	0.46 - 0.86	0.004
2	204.287 - 204.311	rs3769683	rs17533727	<i>CD28</i>	0.63	0.46 - 0.86	0.004
2	204.439 - 204.447	rs16840252	rs3087243	<i>CTLA4</i>	0.63	0.46 - 0.86	0.004
2	202.213 - 202.213	rs12470287	rs12470287	<i>TMEM237</i>	0.63	0.47 - 0.87	0.004
14	74.717 - 74.805	rs17103071	rs2205189	<i>TMED10,FOS</i>	1.47	1.13 - 1.92	0.004
14	74.824 - 74.828	rs1009392	rs6574222	<i>FOS,RP11-293M10.5</i>	1.47	1.13 - 1.92	0.004
2	206.266 - 206.364	rs41421252	rs883501	<i>NRP2</i>	0.64	0.47 - 0.87	0.004
14	73.964 - 74.010	rs7156302	rs1029701	<i>SYNDIG1L,NPC2</i>	1.47	1.12 - 1.91	0.005
14	74.017 - 74.026	rs8008540	rs4899515	<i>NPC2</i>	1.47	1.13 - 1.91	0.005
14	74.031 - 74.032	rs4903231	rs11159086	<i>ISCA2</i>	1.47	1.13 - 1.91	0.005

16	68.061 - 68.144	rs8053238	rs9925037	<i>CYB5B,MIR1538</i>	1.46	1.11 - 1.87	0.005
14	73.944 - 73.954	rs2884545	rs8007552	<i>SYNDIGIL</i>	1.46	1.11 - 1.88	0.005
2	201.491 - 201.517	rs1912331	rs10205561	<i>ORC2</i>	0.64	0.47 - 0.87	0.005
2	201.557 - 201.641	rs11886490	rs16836607	<i>FAM126B</i>	0.64	0.47 - 0.87	0.005
2	208.768 - 208.807	rs10932250	rs16840769	<i>C2orf80,IDH1</i>	0.64	0.48 - 0.88	0.005
9	134.032 - 134.104	rs883318	rs2274853	<i>NTNG2</i>	0.62	0.45 - 0.88	0.005
14	74.200 - 74.247	rs752857	rs17102125	<i>AREL1</i>	1.47	1.12 - 1.91	0.005
14	74.252 - 74.270	rs17102178	rs3825708	<i>FCF1</i>	1.47	1.12 - 1.92	0.005
2	201.704 - 201.744	rs12620435	rs7558475	<i>CFLAR</i>	0.64	0.47 - 0.88	0.005
2	201.724 - 201.726	rs12105811	rs719125	<i>CFLAR-AS1</i>	0.64	0.47 - 0.88	0.005
2	201.755 - 201.801	rs41440544	rs12693932	<i>CASP10</i>	0.64	0.47 - 0.88	0.005
14	74.294 - 74.294	rs11848876	rs11848876	<i>FCF1,YLPM1</i>	1.46	1.12 - 1.91	0.005
14	74.308 - 74.366	rs8016513	rs10148293	<i>YLPM1</i>	1.46	1.12 - 1.91	0.005
14	74.380 - 74.380	rs2058919	rs2058919	<i>YLPM1,PROX2</i>	1.46	1.12 - 1.91	0.005
2	209.086 - 209.995	rs6435464	rs11678209	<i>PTH2R,MAP2</i>	0.64	0.48 - 0.88	0.005
16	68.162 - 68.292	rs12599391	rs11641233	<i>NFAT5</i>	1.45	1.12 - 1.89	0.005
16	68.302 - 68.308	rs1800566	rs2965753	<i>NQO1</i>	1.45	1.12 - 1.89	0.005
16	68.323 - 68.329	rs2917682	rs2965749	<i>NQO1,NOB1</i>	1.45	1.12 - 1.89	0.005
16	68.358 - 68.533	rs11075734	rs875011	<i>WWP2</i>	1.45	1.12 - 1.89	0.005
9	133.727 - 133.933	rs2987405	rs9411340	<i>MED27</i>	0.62	0.44 - 0.87	0.005
2	208.825 - 208.825	rs1437410	rs1437410	<i>IDH1</i>	0.65	0.47 - 0.88	0.005
2	208.828 - 208.828	rs12478635	rs12478635	<i>IDH1-AS1</i>	0.65	0.47 - 0.88	0.005
2	208.830 - 208.830	rs7580715	rs7580715	<i>IDH1-AS1,PIKFYVE</i>	0.65	0.47 - 0.88	0.005
2	208.838 - 208.930	rs11895188	rs16841092	<i>PIKFYVE</i>	0.65	0.47 - 0.88	0.005
2	208.947 - 208.972	rs4675764	rs11897777	<i>PIKFYVE,PTH2R</i>	0.65	0.47 - 0.88	0.005
2	208.983 - 209.067	rs4462735	rs1057392	<i>PTH2R</i>	0.65	0.47 - 0.88	0.005
2	208.697 - 208.697	rs2242074	rs2242074	<i>CRYGD</i>	0.65	0.48 - 0.88	0.005
2	208.702 - 208.730	rs2242073	rs16840624	<i>LOC100507443</i>	0.65	0.48 - 0.88	0.005
2	200.538 - 200.872	rs4263095	rs4673905	<i>C2orf47,SPATS2L</i>	0.64	0.48 - 0.89	0.005
2	208.606 - 208.690	rs11893075	rs10176291	<i>PLEKHM3,LOC100507443</i>	0.65	0.48 - 0.89	0.005
2	208.735 - 208.736	rs12994778	rs796280	<i>CRYGA</i>	0.65	0.48 - 0.88	0.005
2	208.737 - 208.737	rs2123291	rs2123291	<i>CRYGA;C2orf80</i>	0.65	0.48 - 0.88	0.005
2	208.746 - 208.763	rs13432967	rs13430046	<i>C2orf80</i>	0.65	0.48 - 0.88	0.005
14	73.351 - 73.386	rs4499170	rs2159179	<i>RP5-1021I20.1,PTGR2</i>	1.46	1.09 - 1.85	0.005
2	208.730 - 208.730	rs796276	rs796276	<i>LOC100507443,CRYGA</i>	0.65	0.48 - 0.88	0.006
14	73.408 - 73.418	rs17782222	rs6574151	<i>PTGR2</i>	1.45	1.12 - 1.9	0.006
14	73.426 - 73.467	rs11628074	rs8004396	<i>ZNF410</i>	1.45	1.12 - 1.9	0.006
14	73.468 - 73.469	rs6574155	rs2336547	<i>FAM161B,ZNF410</i>	1.45	1.12 - 1.9	0.006
14	73.475 - 73.480	rs7157725	rs758241	<i>FAM161B</i>	1.45	1.12 - 1.9	0.006
14	73.486 - 73.486	rs17094161	rs17094161	<i>COQ6,FAM161B</i>	1.45	1.12 - 1.9	0.006
14	73.490 - 73.496	rs17094182	rs2072291	<i>COQ6</i>	1.45	1.12 - 1.9	0.006
14	75.086 - 75.107	rs8021995	rs17103466	<i>BATF,AC007182.6</i>	1.46	1.11 - 1.89	0.006
16	68.846 - 68.863	rs7205918	rs16970361	<i>AARS</i>	1.45	1.11 - 1.88	0.006
16	68.886 - 68.908	rs7189535	rs7195567	<i>DDX19B</i>	1.45	1.11 - 1.88	0.006
16	68.926 - 68.928	rs12325419	rs35904382	<i>LOC100506083</i>	1.45	1.11 - 1.88	0.006
16	68.940 - 68.951	rs7200034	rs7189474	<i>DDX19A</i>	1.45	1.11 - 1.88	0.006
16	69.011 - 69.016	rs9921696	rs16970165	<i>ST3GAL2</i>	1.45	1.11 - 1.88	0.006
16	69.035 - 69.035	rs6499314	rs6499314	<i>ST3GAL2,FUK</i>	1.45	1.11 - 1.88	0.006
16	69.048 - 69.069	rs13335135	rs8049316	<i>FUK</i>	1.45	1.11 - 1.88	0.006
14	73.509 - 73.553	rs17094445	rs7147063	<i>ENTPD5</i>	1.45	1.12 - 1.89	0.006
2	198.949 - 199.836	rs10167840	rs11692189	<i>AC005235.1,SATB2</i>	0.64	0.48 - 0.9	0.006
16	69.088 - 69.106	rs2303792	rs8057610	<i>COG4</i>	1.45	1.11 - 1.88	0.006
2	208.404 - 208.595	rs7574866	rs6435402	<i>PLEKHM3</i>	0.65	0.49 - 0.9	0.006
14	75.115 - 75.181	rs11850801	rs10130308	<i>FLVCR2</i>	1.46	1.12 - 1.9	0.006
14	75.016 - 75.040	rs7158350	rs175702	<i>JDP2,BATF</i>	1.46	1.11 - 1.9	0.006
14	75.060 - 75.082	rs2734268	rs2228234	<i>BATF</i>	1.45	1.11 - 1.9	0.006

14	73.637 - 73.736	rs2300193	rs887595	<i>LIN52</i>	1.45	1.11 - 1.88	0.006
9	133.981 - 134.022	rs10122864	rs1412076	<i>MED27,NTNG2</i>	0.62	0.44 - 0.87	0.006
14	73.775 - 73.796	rs1860714	rs10144586	<i>VSX2</i>	1.45	1.11 - 1.89	0.006
14	73.568 - 73.581	rs7161721	rs2336751	<i>CCDC176</i>	1.45	1.11 - 1.89	0.006
9	133.616 - 133.723	rs4740183	rs7036013	<i>RAPGEF1,MED27</i>	0.62	0.48 - 0.93	0.006
14	73.738 - 73.763	rs4377099	rs1124766	<i>LIN52,VSX2</i>	1.45	1.11 - 1.89	0.006
2	197.561 - 197.807	rs2256931	rs10497805	<i>ANKRD44</i>	0.65	0.47 - 0.88	0.006
2	197.827 - 197.875	rs2376299	rs10931779	<i>ANKRD44-IT1</i>	0.65	0.47 - 0.88	0.006
14	73.800 - 73.808	rs12895803	rs11844616	<i>VSX2,ABCD4</i>	1.45	1.11 - 1.89	0.006
2	197.178 - 197.199	rs11895258	rs10497792	<i>HECW2,CCDC150</i>	0.65	0.47 - 0.88	0.006
2	197.213 - 197.305	rs16855610	rs2714145	<i>CCDC150</i>	0.65	0.47 - 0.88	0.006
2	197.308 - 197.334	rs2714146	rs6434885	<i>CCDC150,GTF3C3</i>	0.65	0.47 - 0.88	0.006
2	197.418 - 197.486	rs16858898	rs4850405	<i>PGAP1</i>	0.65	0.47 - 0.88	0.006
2	197.508 - 197.556	rs10497797	rs2376206	<i>PGAP1,ANKRD44</i>	0.65	0.47 - 0.88	0.006
2	197.372 - 197.372	rs6434886	rs6434886	<i>GTF3C3</i>	0.65	0.47 - 0.88	0.006
2	197.381 - 197.381	rs7580839	rs7580839	<i>C2orf66</i>	0.65	0.47 - 0.88	0.006
14	73.904 - 73.929	rs10142775	rs4903219	<i>VRTN,SYNDIGIL</i>	1.45	1.11 - 1.89	0.007
14	73.607 - 73.619	rs2072294	rs4646855	<i>ALDH6A1</i>	1.44	1.11 - 1.88	0.007
14	73.828 - 73.829	rs7158376	rs4148077	<i>ABCD4</i>	1.44	1.11 - 1.88	0.007
14	73.849 - 73.879	rs740526	rs10132720	<i>ABCD4,VRTN</i>	1.44	1.11 - 1.88	0.007
2	197.885 - 197.960	rs10804081	rs13382459	<i>ANKRD44,SF3B1</i>	0.65	0.48 - 0.89	0.007
2	197.966 - 198.005	rs4685	rs16865650	<i>SF3B1</i>	0.65	0.48 - 0.89	0.007
2	198.016 - 198.016	rs3849362	rs3849362	<i>SF3B1,COQ10B</i>	0.65	0.48 - 0.89	0.007
2	198.032 - 198.032	rs16865976	rs16865976	<i>COQ10B</i>	0.65	0.48 - 0.89	0.007
2	198.054 - 198.054	rs787983	rs787983	<i>COQ10B,HSPD1</i>	0.65	0.48 - 0.89	0.007
2	198.060 - 198.070	rs788016	rs8539	<i>HSPD1</i>	0.65	0.48 - 0.89	0.007
2	198.077 - 198.081	rs6434930	rs11897781	<i>HSPE1-MOB4</i>	0.65	0.48 - 0.89	0.007
2	198.111 - 198.111	rs3792159	rs3792159	<i>HSPE1-MOB4,MOB4</i>	0.65	0.48 - 0.89	0.007
2	198.144 - 198.242	rs7582536	rs7603839	<i>RFTN2</i>	0.65	0.48 - 0.89	0.007
16	68.015 - 68.054	rs9783747	rs12149862	<i>CYB5B</i>	1.44	1.1 - 1.86	0.007
2	200.341 - 200.419	rs1523816	rs812179	<i>FTCDNL1</i>	0.65	0.48 - 0.89	0.007
3	131.549 - 131.686	rs13095825	rs11719898	<i>COL6A5</i>	1.46	1.06 - 1.85	0.007
2	208.348 - 208.392	rs7567627	rs13034375	<i>FZD5,PLEKHM3</i>	0.66	0.49 - 0.89	0.007
2	200.460 - 200.477	rs1509837	rs1704186	<i>FTCDNL1,C2orf69</i>	0.66	0.48 - 0.89	0.007
2	200.492 - 200.494	rs281787	rs7592587	<i>C2orf69</i>	0.66	0.48 - 0.89	0.007
2	200.520 - 200.523	rs281771	rs1509835	<i>TYW5</i>	0.66	0.48 - 0.89	0.007
2	200.530 - 200.536	rs16832105	rs16832107	<i>C2orf47</i>	0.66	0.48 - 0.89	0.007
2	198.399 - 198.718	rs771010	rs1978890	<i>PLCL1</i>	0.65	0.48 - 0.89	0.007
2	208.202 - 208.281	rs2952769	rs2663891	<i>METTL21A,CCNYL1</i>	0.66	0.5 - 0.91	0.007
16	69.141 - 69.169	rs11075770	rs16970331	<i>SF3B3</i>	1.43	1.1 - 1.87	0.007
16	69.175 - 69.240	rs11643373	rs9933834	<i>IL34</i>	1.43	1.1 - 1.87	0.007
2	200.240 - 200.329	rs4675773	rs4530349	<i>AC093590.1,FTCDNL1</i>	0.66	0.49 - 0.9	0.008
3	131.702 - 131.758	rs1497317	rs16829370	<i>COL6A5,COL6A6</i>	1.45	1.1 - 1.91	0.008
2	208.319 - 208.325	rs9636269	rs16840004	<i>CCNYL1</i>	0.66	0.49 - 0.9	0.008
2	208.330 - 208.330	rs9784133	rs9784133	<i>CCNYL1,FZD5</i>	0.66	0.49 - 0.9	0.008
2	198.251 - 198.251	rs7595819	rs7595819	<i>RFTN2,MARS2</i>	0.65	0.48 - 0.89	0.008
2	198.281 - 198.281	rs10931791	rs10931791	<i>MARS2</i>	0.65	0.48 - 0.89	0.008
2	198.285 - 198.297	rs7584475	rs700638	<i>MARS2,BOLL</i>	0.65	0.48 - 0.89	0.008
2	198.308 - 198.308	rs700642	rs700642	<i>BOLL</i>	0.65	0.48 - 0.89	0.008
2	198.363 - 198.363	rs700658	rs700658	<i>BOLL,PLCL1</i>	0.65	0.48 - 0.89	0.008
16	67.986 - 68.013	rs16958807	rs728546	<i>TERF2,CYB5B</i>	1.43	1.09 - 1.85	0.008
2	210.004 - 210.304	rs41526653	rs16843618	<i>MAP2</i>	0.66	0.49 - 0.9	0.008
2	198.732 - 198.867	rs714644	rs758064	<i>PLCL1,AC005235.1</i>	0.66	0.48 - 0.9	0.008
2	198.871 - 198.941	rs2159000	rs2467042	<i>AC005235.1</i>	0.66	0.48 - 0.9	0.008
2	207.781 - 207.826	rs723305	rs7572176	<i>AC007879.2</i>	0.66	0.5 - 0.92	0.008
12	91.351 - 91.616	rs394283	rs7316876	<i>CLLUI,C12orf74</i>	0.65	0.47 - 0.9	0.008

12	91.348 - 91.348	rs17251627	rs7308198	<i>CLU1</i>	0.65	0.48 - 0.9	0.008
12	91.067 - 91.334	rs709225	rs7972305	<i>BTG1,CLU1OS</i>	0.65	0.5 - 0.94	0.009
12	91.344 - 91.344	rs959897	rs959897	<i>CLU1,CLU1OS</i>	0.65	0.48 - 0.9	0.009
2	211.254 - 211.947	rs4142152	rs1821659	<i>CPS1,ERBB4</i>	0.66	0.5 - 0.92	0.009
2	196.833 - 196.836	rs17827837	rs11892205	<i>AC020571.3</i>	0.66	0.48 - 0.9	0.009
2	206.375 - 206.560	rs7590905	rs13412126	<i>NRP2,INO80D</i>	0.66	0.51 - 0.93	0.009
2	206.572 - 206.640	rs818026	rs10932144	<i>INO80D</i>	0.66	0.49 - 0.9	0.009
2	200.062 - 200.179	rs6740159	rs6723090	<i>SATB2-AS1,AC093590.1</i>	0.66	0.49 - 0.91	0.009
2	200.183 - 200.210	rs768637	rs16831741	<i>AC093590.1</i>	0.66	0.49 - 0.9	0.009
2	206.749 - 206.769	rs3732082	rs16838041	<i>GPR1</i>	0.66	0.49 - 0.9	0.009
2	206.786 - 206.836	rs6730407	rs10206513	<i>GPR1-AS</i>	0.66	0.49 - 0.9	0.009
9	134.128 - 134.219	rs11795382	rs517076	<i>SETX</i>	0.64	0.46 - 0.9	0.009
14	73.136 - 73.146	rs6574129	rs12590145	<i>ACOT4,ACOT6</i>	1.42	1.07 - 1.82	0.009
2	206.846 - 206.880	rs6758398	rs7582864	<i>ZDBF2</i>	0.66	0.49 - 0.9	0.009
2	206.733 - 206.733	rs11689362	rs11689362	<i>EEF1B2</i>	0.67	0.49 - 0.9	0.009
2	206.915 - 206.992	rs17304002	rs13423193	<i>ZDBF2,ADAM23</i>	0.67	0.49 - 0.91	0.009
2	206.693 - 206.694	rs7590432	rs4675588	<i>GCSHP3,NDUFS1</i>	0.67	0.49 - 0.91	0.010
2	206.696 - 206.724	rs10198830	rs4147713	<i>NDUFS1</i>	0.67	0.49 - 0.91	0.010
2	206.673 - 206.674	rs6728554	rs6718656	<i>INO80D,GCSHP3</i>	0.67	0.49 - 0.91	0.010
2	207.828 - 208.098	rs13417249	rs2709376	<i>AC007879.2,CREB1</i>	0.67	0.49 - 0.91	0.010
14	73.277 - 73.318	rs17182558	rs12717559	<i>ELMSAN1</i>	1.42	1.09 - 1.85	0.010
6	20.620 - 20.634	rs7747345	rs4429936	<i>E2F3,CDKAL1</i>	1.43	1.09 - 1.88	0.010
2	210.891 - 210.999	rs925274	rs11884252	<i>MYL1,LANCL1</i>	0.67	0.5 - 0.91	0.010
2	211.003 - 211.048	rs17770211	rs2287420	<i>LANCL1</i>	0.67	0.49 - 0.91	0.010
2	211.050 - 211.050	rs3755182	rs3755182	<i>CPS1,LANCL1</i>	0.67	0.49 - 0.91	0.010
2	211.061 - 211.249	rs17771664	rs6748782	<i>CPS1</i>	0.67	0.49 - 0.91	0.010
14	73.159 - 73.177	rs17128989	rs42922	<i>ACOT6,DNAL1</i>	1.42	1.09 - 1.85	0.010
14	73.200 - 73.239	rs41339746	rs7155268	<i>DNAL1</i>	1.42	1.09 - 1.85	0.010
9	36.679 - 36.805	rs10511930	rs1176842	<i>MELK,MIR4475</i>	0.66	0.5 - 0.93	0.010
16	69.408 - 69.809	rs6416701	rs6499490	<i>HYDIN</i>	1.42	1.08 - 1.84	0.010
16	67.932 - 67.932	rs16958762	rs16958762	<i>NIP7</i>	1.42	1.09 - 1.85	0.010
16	67.935 - 67.942	rs153060	rs7187579	<i>TMED6</i>	1.42	1.09 - 1.85	0.010
16	67.952 - 67.964	rs251796	rs3785074	<i>TERF2</i>	1.42	1.09 - 1.85	0.010
2	196.323 - 196.636	rs842740	rs16844446	<i>DNAH7</i>	0.66	0.48 - 0.91	0.010
2	196.648 - 196.693	rs1533653	rs7575006	<i>DNAH7,STK17B</i>	0.66	0.48 - 0.91	0.010
3	130.854 - 131.089	rs6439189	rs809213	<i>TMCC1</i>	1.43	1.06 - 1.83	0.011
14	75.198 - 75.400	rs6574250	rs8009747	<i>TTL5</i>	1.42	1.09 - 1.85	0.011
16	69.501 - 69.742	rs11860140	rs13331166	<i>HYDIN2</i>	1.41	1.08 - 1.84	0.011
2	196.709 - 196.741	rs7581626	rs4850676	<i>STK17B</i>	0.66	0.48 - 0.91	0.011
2	196.753 - 196.759	rs13003408	rs10931727	<i>STK17B,HECW2</i>	0.66	0.48 - 0.91	0.011
2	199.855 - 200.017	rs6735905	rs13392032	<i>SATB2</i>	0.67	0.49 - 0.91	0.011
12	87.939 - 88.258	rs2159592	rs9971767	<i>RP11-13A1.1,DUSP6</i>	0.66	0.52 - 0.98	0.011
2	210.813 - 210.858	rs16844231	rs7596691	<i>ACADL,MYL1</i>	0.67	0.5 - 0.91	0.011
2	210.862 - 210.879	rs11900095	rs6725084	<i>MYL1</i>	0.67	0.5 - 0.91	0.011
14	73.153 - 73.153	rs10136341	rs17128948	<i>ACOT6</i>	1.41	1.08 - 1.84	0.011
16	67.331 - 67.427	rs7196495	rs17690554	<i>CDHI</i>	1.42	1.07 - 1.82	0.011
16	69.280 - 69.391	rs4985416	rs9931380	<i>VAC14</i>	1.41	1.08 - 1.84	0.011
16	69.393 - 69.393	rs7202363	rs7202363	<i>VAC14,HYDIN</i>	1.41	1.08 - 1.84	0.011
16	67.925 - 67.925	rs877534	rs877534	<i>COG8</i>	1.42	1.08 - 1.85	0.011
2	207.055 - 207.186	rs2284983	rs3755226	<i>ADAM23</i>	0.67	0.49 - 0.91	0.011
2	208.186 - 208.188	rs2551949	rs2551946	<i>METTL21A</i>	0.67	0.5 - 0.92	0.011
2	210.350 - 210.561	rs10932308	rs16844037	<i>UNC80</i>	0.67	0.5 - 0.92	0.011
2	210.589 - 210.589	rs7570090	rs7570090	<i>RPE</i>	0.67	0.5 - 0.91	0.011
2	210.606 - 210.607	rs7560910	rs11688922	<i>AC007038.7</i>	0.67	0.5 - 0.91	0.011
2	210.661 - 210.725	rs2041654	rs1990513	<i>KANSL1L</i>	0.67	0.5 - 0.91	0.011
2	210.753 - 210.753	rs1396828	rs1396828	<i>KANSL1L,ACADL</i>	0.67	0.5 - 0.91	0.011

2	210.768 - 210.788	rs2286963	rs13415601	<i>ACADL</i>	0.67	0.5 - 0.91	0.011
16	67.782 - 67.900	rs1424114	rs8058523	<i>SNTB2</i>	1.41	1.08 - 1.85	0.011
16	67.913 - 67.913	rs3852689	rs3852689	<i>VPS4A</i>	1.41	1.08 - 1.85	0.011
2	195.337 - 196.214	rs13385784	rs10460389	<i>AC006196.1,SLC39A10</i>	0.66	0.52 - 0.96	0.011
2	196.229 - 196.303	rs1371122	rs2118840	<i>SLC39A10</i>	0.66	0.48 - 0.91	0.011
16	69.346 - 69.364	rs16970498	rs4985364	<i>VAC14-AS1</i>	1.41	1.08 - 1.84	0.011
9	134.278 - 134.426	rs4637976	rs17149284	<i>C9orf171</i>	0.65	0.47 - 0.92	0.011
14	75.408 - 75.657	rs2884861	rs11626830	<i>BCYRN1</i>	1.41	1.07 - 1.82	0.011
16	69.257 - 69.261	rs11639579	rs12921898	<i>MTSS1L</i>	1.41	1.08 - 1.84	0.011
12	88.265 - 88.265	rs704073	rs704073	<i>DUSP6</i>	0.66	0.48 - 0.91	0.011
9	133.409 - 133.439	rs6597505	rs11243436	<i>UCK1,RAPGEF1</i>	0.65	0.46 - 0.91	0.011
9	133.446 - 133.603	rs13287332	rs11243497	<i>RAPGEF1</i>	0.65	0.46 - 0.91	0.011
9	36.823 - 37.024	rs11998791	rs3758180	<i>PAX5</i>	0.67	0.49 - 0.92	0.011
2	208.132 - 208.176	rs12694087	rs6785	<i>CREB1</i>	0.68	0.5 - 0.92	0.011
16	67.728 - 67.748	rs3815821	rs13332128	<i>CIRH1A</i>	1.41	1.07 - 1.83	0.011
14	73.022 - 73.059	rs4903115	rs4899469	<i>HEATR4</i>	1.41	1.08 - 1.84	0.012
2	207.544 - 207.645	rs4468795	rs1019400	<i>CPO,KLF7</i>	0.68	0.51 - 0.94	0.012
2	207.654 - 207.734	rs2287506	rs7568824	<i>KLF7</i>	0.68	0.5 - 0.92	0.012
2	211.952 - 213.107	rs10932374	rs1482381	<i>ERBB4</i>	0.68	0.51 - 0.94	0.012
9	36.814 - 36.814	rs7848675	rs7848675	<i>MIR4475</i>	0.67	0.49 - 0.92	0.012
9	36.817 - 36.821	rs1410012	rs2851697	<i>MIR4475,PAX5</i>	0.67	0.49 - 0.92	0.012
16	67.442 - 67.674	rs6499203	rs8044158	<i>TANGO6</i>	1.41	1.08 - 1.84	0.012
16	65.473 - 65.477	rs8063228	rs11861556	<i>PDP2</i>	1.40	1.08 - 1.83	0.012
16	65.497 - 65.497	rs7188181	rs7188181	<i>PDP2,CDH16</i>	1.40	1.08 - 1.83	0.012
16	65.528 - 65.530	rs11568311	rs8045523	<i>CES2</i>	1.40	1.08 - 1.83	0.012
16	65.597 - 65.597	rs3848290	rs3848290	<i>CES4A</i>	1.40	1.08 - 1.83	0.012
16	65.631 - 65.678	rs7190074	rs7199582	<i>CBFB</i>	1.40	1.08 - 1.83	0.012
16	65.704 - 65.737	rs8064088	rs7184692	<i>C16orf70</i>	1.40	1.08 - 1.83	0.012
16	65.777 - 65.777	rs868213	rs868213	<i>EXOC3L1</i>	1.40	1.08 - 1.83	0.012
16	65.783 - 65.790	rs3729639	rs11700	<i>E2F4</i>	1.40	1.08 - 1.83	0.012
9	133.204 - 133.292	rs522464	rs2994046	<i>PPAPDC3,PRRC2B</i>	0.65	0.48 - 0.94	0.012
9	133.298 - 133.364	rs4740238	rs3739501	<i>PRRC2B</i>	0.65	0.46 - 0.91	0.012
9	133.371 - 133.378	rs10448341	rs7865761	<i>POMT1</i>	0.65	0.46 - 0.91	0.012
9	132.590 - 132.747	rs11244112	rs3808814	<i>ABL1</i>	0.64	0.47 - 0.93	0.012
17	68.155 - 68.597	rs9912126	rs8068198	<i>SLC39A11</i>	1.40	1.04 - 1.78	0.013
2	210.309 - 210.342	rs2215625	rs10932307	<i>MAP2,UNC80</i>	0.68	0.5 - 0.92	0.013
9	36.566 - 36.662	rs12346671	rs6476569	<i>MELK</i>	0.67	0.5 - 0.94	0.013
2	207.748 - 207.758	rs11902284	rs1263686	<i>KLF7,AC007879.2</i>	0.68	0.5 - 0.92	0.013
16	70.161 - 70.161	rs13339247	rs13339247	<i>RP11-432I5.1</i>	1.39	1.07 - 1.81	0.013
16	70.169 - 70.212	rs3829537	rs4788548	<i>TAT,MARVELD3</i>	1.39	1.07 - 1.81	0.013
16	70.064 - 70.072	rs8044168	rs16973235	<i>ZNF19</i>	1.39	1.07 - 1.81	0.013
16	70.089 - 70.109	rs9935426	rs16973288	<i>ZNF19,CHST4</i>	1.39	1.07 - 1.81	0.013
16	70.131 - 70.153	rs7194638	rs172649	<i>CHST4,RP11-432I5.1</i>	1.39	1.07 - 1.81	0.013
10	2.350 - 3.093	rs12570649	rs4881068	<i>LINC00701,PFKP</i>	1.42	1.06 - 1.84	0.013
16	67.678 - 67.692	rs9673498	rs8047014	<i>TANGO6,HAS3</i>	1.40	1.07 - 1.83	0.013
3	131.950 - 132.050	rs4296561	rs2208985	<i>PIK3R4,ATP2C1</i>	1.41	1.07 - 1.84	0.014
12	91.622 - 91.622	rs7955444	rs7955444	<i>C12orf74</i>	0.67	0.49 - 0.92	0.014
12	91.636 - 91.649	rs10859366	rs7972216	<i>C12orf74,PLEKHG7</i>	0.67	0.49 - 0.92	0.014
16	70.055 - 70.062	rs2303788	rs2052873	<i>ZNF23,ZNF19</i>	1.39	1.06 - 1.8	0.014
6	163.929 - 165.606	rs9347768	rs9356355	<i>QKI,C6orf118</i>	1.40	0.98 - 1.68	0.014
16	67.701 - 67.701	rs2232228	rs2232228	<i>HAS3</i>	1.40	1.07 - 1.83	0.014
3	131.768 - 131.879	rs11921769	rs16830917	<i>COL6A6</i>	1.40	1.07 - 1.83	0.014
3	131.885 - 131.945	rs10512786	rs11713445	<i>PIK3R4</i>	1.40	1.07 - 1.84	0.014
3	132.052 - 132.178	rs1316658	rs16835462	<i>ATP2C1</i>	1.40	1.07 - 1.84	0.014
12	90.112 - 90.899	rs544968	rs10777371	<i>DCN,C12orf79</i>	0.67	0.49 - 0.92	0.014
3	132.216 - 132.225	rs7641006	rs17330404	<i>ASTE1</i>	1.40	1.07 - 1.84	0.014

3	132.217 - 132.217	rs6772562	rs6772562	<i>ASTE1,ATP2C1</i>	1.40	1.07 - 1.84	0.014
3	132.232 - 132.525	rs6784576	rs7649681	<i>NEK11</i>	1.40	1.07 - 1.84	0.014
9	134.225 - 134.225	rs10217641	rs10217641	<i>SETX,TTF1</i>	0.66	0.47 - 0.92	0.015
9	134.240 - 134.263	rs7030233	rs569288	<i>TTF1</i>	0.66	0.47 - 0.92	0.015
3	131.131 - 131.172	rs9828783	rs12695517	<i>TMCC1-ASI,TRH</i>	1.41	1.07 - 1.85	0.015
12	88.273 - 88.311	rs704080	rs11105273	<i>DUSP6,POC1B</i>	0.67	0.49 - 0.93	0.015
12	88.340 - 88.434	rs770377	rs10745505	<i>POC1B</i>	0.67	0.49 - 0.92	0.015
12	88.447 - 88.499	rs11105313	rs1224263	<i>POC1B,ATP2B1</i>	0.67	0.49 - 0.92	0.015
1	17.956 - 18.024	rs11810020	rs485291	<i>ACTL8</i>	1.40	1.04 - 1.8	0.015
1	18.029 - 18.302	rs1890788	rs41413647	<i>ACTL8,IGSF21</i>	1.40	1.07 - 1.84	0.015
12	90.033 - 90.054	rs17018765	rs7954702	<i>LUM,DCN</i>	0.67	0.5 - 0.95	0.015
12	90.067 - 90.094	rs3138276	rs3138174	<i>DCN</i>	0.67	0.49 - 0.92	0.015
12	88.575 - 88.605	rs10858915	rs7136259	<i>ATP2B1,LINC00936</i>	0.67	0.49 - 0.93	0.015
3	131.105 - 131.105	rs1708933	rs1708933	<i>TMCC1-ASI</i>	1.41	1.07 - 1.85	0.015
6	21.598 - 21.614	rs4315999	rs6927607	<i>LINC00581</i>	1.40	1.07 - 1.84	0.015
9	123.420 - 123.798	rs10217648	rs4837933	<i>MIR548AA1,MIR548D1</i>	0.67	0.51 - 0.96	0.015
2	207.394 - 207.509	rs13400622	rs4675643	<i>FASTKD2,CPO</i>	0.69	0.51 - 0.94	0.015
16	67.255 - 67.290	rs1111722	rs3118235	<i>CDH3</i>	1.39	1.06 - 1.8	0.015
16	67.307 - 67.322	rs8059194	rs9989407	<i>CDH3,CDH1</i>	1.39	1.07 - 1.82	0.015
13	39.695 - 39.817	rs6563809	rs11842053	<i>LINC00548,LINC00598</i>	1.41	1.06 - 1.84	0.015
9	129.936 - 129.949	rs4837247	rs10987895	<i>PTGES2-ASI,LCN2</i>	0.66	0.48 - 0.94	0.016
9	124.041 - 124.066	rs7033538	rs7034992	<i>RBM18</i>	0.67	0.49 - 0.93	0.016
12	88.510 - 88.574	rs10506974	rs12579302	<i>ATP2B1</i>	0.67	0.49 - 0.93	0.016
16	69.952 - 69.966	rs11863110	rs6499515	<i>CALB2</i>	1.38	1.05 - 1.78	0.016
16	69.984 - 70.036	rs7200566	rs16972808	<i>CALB2,ZNF23</i>	1.38	1.06 - 1.8	0.016
9	129.964 - 129.964	rs2417073	rs2900262	<i>C9orf16</i>	0.66	0.47 - 0.93	0.016
9	132.458 - 132.494	rs7021782	rs11791149	<i>FUBP3</i>	0.66	0.48 - 0.95	0.016
2	207.226 - 207.290	rs10186535	rs16838688	<i>DYTN</i>	0.69	0.51 - 0.93	0.016
9	123.945 - 123.957	rs4147660	rs10818639	<i>NDUFA8</i>	0.68	0.49 - 0.93	0.016
9	123.964 - 124.000	rs10985554	rs7030904	<i>MORN5</i>	0.68	0.49 - 0.93	0.016
9	124.178 - 124.195	rs7866582	rs10306187	<i>PTGS1</i>	0.68	0.49 - 0.93	0.016
2	207.297 - 207.307	rs16838710	rs12473690	<i>DYTN,MDH1B</i>	0.69	0.51 - 0.94	0.016
2	207.312 - 207.337	rs6707178	rs11896121	<i>MDH1B</i>	0.69	0.51 - 0.93	0.016
2	207.341 - 207.367	rs2287630	rs6435351	<i>FASTKD2</i>	0.69	0.51 - 0.93	0.016
2	207.511 - 207.542	rs7605998	rs7582092	<i>CPO</i>	0.69	0.51 - 0.93	0.016
9	123.672 - 123.894	rs16911064	rs10120546	<i>TLL11</i>	0.68	0.49 - 0.93	0.016
9	123.904 - 123.920	rs12551572	rs7020820	<i>TLL11,MIR4478</i>	0.68	0.49 - 0.93	0.016
9	124.095 - 124.116	rs16911600	rs10818680	<i>MRRF</i>	0.68	0.49 - 0.93	0.016
14	72.514 - 72.562	rs2286837	rs12432987	<i>ZFYVE1</i>	1.39	1.06 - 1.81	0.016
14	72.576 - 72.576	rs8018520	rs8018520	<i>ZFYVE1,RBM25</i>	1.39	1.06 - 1.81	0.016
14	72.595 - 72.613	rs10498532	rs7144160	<i>RBM25</i>	1.39	1.06 - 1.81	0.016
14	72.662 - 72.665	rs362455	rs11625478	<i>RBM25,PSENI</i>	1.39	1.06 - 1.81	0.016
14	72.699 - 72.759	rs3025777	rs362344	<i>PSENI</i>	1.39	1.06 - 1.81	0.016
14	72.778 - 72.799	rs177407	rs12880103	<i>PAPLN</i>	1.39	1.06 - 1.81	0.016
14	72.818 - 72.992	rs17182286	rs1540343	<i>NUMB</i>	1.39	1.06 - 1.81	0.016
3	131.415 - 131.474	rs9855392	rs16825506	<i>COL6A4P2</i>	1.40	1.03 - 1.8	0.016
3	131.479 - 131.544	rs7648240	rs1453248	<i>COL6A4P2,COL6A5</i>	1.40	1.06 - 1.85	0.016
9	124.140 - 124.171	rs871368	rs10306109	<i>MRRF,PTGS1</i>	0.68	0.49 - 0.93	0.017
9	123.926 - 123.944	rs2416855	rs7030059	<i>MIR4478,NDUFA8</i>	0.68	0.49 - 0.94	0.017
9	37.035 - 37.056	rs4483247	rs10973184	<i>PAX5,LOC100506710</i>	0.68	0.5 - 0.93	0.017
9	36.270 - 36.322	rs2182817	rs3739607	<i>GNE,RNF38</i>	0.68	0.51 - 0.96	0.017
14	72.997 - 72.997	rs8010671	rs8010671	<i>NUMB,HEATR4</i>	1.38	1.06 - 1.81	0.017
2	207.196 - 207.211	rs17730135	rs11895936	<i>ADAM23,AC010731.4</i>	0.69	0.51 - 0.94	0.017
13	39.666 - 39.684	rs7997108	rs4519214	<i>LINC00548</i>	1.40	1.06 - 1.83	0.017
9	132.812 - 132.867	rs11244207	rs7044266	<i>FIBCD1,LAMC3</i>	0.66	0.47 - 0.93	0.017
9	124.005 - 124.025	rs10985563	rs10818652	<i>LHX6</i>	0.68	0.49 - 0.93	0.017

9	124.032 - 124.033	rs3808901	rs7849627	<i>LHX6,RBM18</i>	0.68	0.49 - 0.93	0.017
16	67.042 - 67.127	rs16957979	rs12925177	<i>SMPD3,ZFP90</i>	1.38	1.06 - 1.81	0.017
14	72.498 - 72.504	rs2243596	rs2535896	<i>DCAF4,ZFYVE1</i>	1.38	1.06 - 1.8	0.017
16	70.043 - 70.053	rs9940204	rs8051212	<i>ZNF23</i>	1.38	1.06 - 1.8	0.017
16	70.767 - 71.358	rs9936642	rs8044476	<i>PMFBP1,ZFH3</i>	1.37	1.05 - 1.77	0.018
9	123.921 - 123.922	rs10116346	rs6478558	<i>MIR4478</i>	0.68	0.49 - 0.94	0.018
17	68.843 - 69.148	rs9894883	rs4789237	<i>SDK2</i>	1.38	1.02 - 1.73	0.018
9	132.876 - 132.958	rs7048292	rs752929	<i>LAMC3</i>	0.66	0.47 - 0.93	0.018
16	65.798 - 65.798	rs12051247	rs12051247	<i>LRRC29</i>	1.38	1.06 - 1.8	0.018
16	65.819 - 65.819	rs6499116	rs6499116	<i>TMEM208</i>	1.38	1.06 - 1.8	0.018
16	65.822 - 65.822	rs6499117	rs6499117	<i>FHOD1</i>	1.38	1.06 - 1.8	0.018
16	65.851 - 65.851	rs8049096	rs8049096	<i>SLC9A5</i>	1.38	1.06 - 1.8	0.018
16	65.874 - 65.877	rs7200919	rs8045791	<i>PLEKHG4</i>	1.38	1.06 - 1.8	0.018
16	65.885 - 65.895	rs3868143	rs10852437	<i>KCTD19</i>	1.38	1.06 - 1.8	0.018
14	72.156 - 72.427	rs8012752	rs2333006	<i>DPF3</i>	1.38	1 - 1.71	0.018
14	72.434 - 72.457	rs7493767	rs11622784	<i>DPF3,DCAF4</i>	1.38	1.06 - 1.8	0.018
16	66.955 - 67.037	rs1465467	rs1992858	<i>SMPD3</i>	1.38	1.05 - 1.8	0.018
3	130.819 - 130.837	rs2625983	rs7612627	<i>PLXND1,TMCC1</i>	1.39	1.05 - 1.82	0.018
10	2.115 - 2.330	rs7923187	rs12249135	<i>MIR6072,LINC00701</i>	1.40	1.02 - 1.77	0.018
14	75.764 - 75.890	rs2360982	rs7151132	<i>GPATCH2L,ESRRB</i>	1.38	1.05 - 1.79	0.018
16	70.541 - 70.588	rs1549292	rs9938539	<i>PKDIL3</i>	1.37	1.05 - 1.78	0.018
9	132.557 - 132.557	rs4740358	rs4740358	<i>PRDM12,EXOSC2</i>	0.66	0.47 - 0.93	0.018
16	67.163 - 67.229	rs16958159	rs10153230	<i>ZFP90,CDH3</i>	1.38	1.05 - 1.8	0.018
13	39.278 - 39.645	rs9603626	rs7322957	<i>COG6,LINC00332</i>	1.39	1.02 - 1.77	0.018
14	75.660 - 75.684	rs2591096	rs7151939	<i>BCYRN1,GPATCH2L</i>	1.38	1.06 - 1.8	0.018
9	132.508 - 132.508	rs10793963	rs10793963	<i>FUBP3,PRDM12</i>	0.66	0.47 - 0.93	0.019
9	132.537 - 132.543	rs7851500	rs894241	<i>PRDM12</i>	0.66	0.47 - 0.93	0.019
9	36.451 - 36.538	rs12377974	rs2050262	<i>RNF38,MELK</i>	0.69	0.5 - 0.94	0.019
9	133.147 - 133.152	rs10901364	rs17147692	<i>FAM78A,PPAPDC3</i>	0.67	0.47 - 0.93	0.019
16	69.837 - 69.864	rs767647	rs182910	<i>HYDIN,CMTR2</i>	1.38	1.06 - 1.79	0.019
16	69.873 - 69.874	rs11645087	rs6499496	<i>CMTR2</i>	1.38	1.06 - 1.79	0.019
16	69.887 - 69.948	rs16970994	rs9940507	<i>CMTR2,CALB2</i>	1.38	1.06 - 1.79	0.019
9	124.203 - 124.276	rs12004500	rs1888942	<i>PTGS1,OR1J1</i>	0.68	0.5 - 0.94	0.019
14	72.471 - 72.495	rs9788482	rs7144738	<i>DCAF4</i>	1.38	1.06 - 1.8	0.019
9	36.341 - 36.386	rs10972865	rs2480455	<i>RNF38</i>	0.69	0.5 - 0.94	0.019
12	90.908 - 91.055	rs4608114	rs790575	<i>C12orf79</i>	0.68	0.5 - 0.94	0.019
10	2.331 - 2.347	rs10508226	rs12412942	<i>LINC00701</i>	1.39	1.05 - 1.83	0.019
17	69.153 - 69.237	rs4789244	rs2661587	<i>SDK2,LOC100134391</i>	1.37	1.04 - 1.77	0.019
14	75.694 - 75.746	rs8020977	rs1947084	<i>GPATCH2L</i>	1.38	1.05 - 1.79	0.019
16	70.223 - 70.227	rs979789	rs1345868	<i>MARVELD3</i>	1.37	1.05 - 1.78	0.019
16	70.236 - 70.313	rs3752681	rs11639902	<i>PHLPP2</i>	1.37	1.05 - 1.78	0.019
16	70.346 - 70.390	rs2036338	rs2334877	<i>APIG1</i>	1.37	1.05 - 1.78	0.019
16	70.417 - 70.427	rs6499542	rs8044342	<i>APIG1,ATXNIL</i>	1.37	1.05 - 1.78	0.019
16	70.450 - 70.459	rs9921383	rs17357420	<i>ZNF821</i>	1.37	1.05 - 1.78	0.019
16	70.480 - 70.480	rs2335710	rs2335710	<i>ZNF821,IST1</i>	1.37	1.05 - 1.78	0.019
16	70.486 - 70.515	rs11075908	rs7197486	<i>IST1</i>	1.37	1.05 - 1.78	0.019
9	133.158 - 133.175	rs2986608	rs541216	<i>PPAPDC3</i>	0.67	0.48 - 0.94	0.019
1	18.836 - 18.945	rs10907325	rs485874	<i>PAX7</i>	1.38	1.04 - 1.78	0.019
1	18.687 - 18.824	rs10907313	rs17352100	<i>KLHDC7A,PAX7</i>	1.38	1.02 - 1.76	0.019
16	65.949 - 65.976	rs8055190	rs8058996	<i>LRRC36</i>	1.37	1.05 - 1.79	0.019
16	65.981 - 65.981	rs11552319	rs11552319	<i>TPPP3</i>	1.37	1.05 - 1.79	0.019
16	66.047 - 66.053	rs16957447	rs9935803	<i>ATP6V0D1</i>	1.37	1.05 - 1.79	0.019
16	66.077 - 66.096	rs13338499	rs9933206	<i>AGRP,LOC100505942</i>	1.37	1.05 - 1.79	0.019
16	66.115 - 66.115	rs929871	rs929871	<i>LOC100505942</i>	1.37	1.05 - 1.79	0.019
13	39.663 - 39.664	rs17060974	rs6563808	<i>LINC00332,LINC00548</i>	1.39	1.05 - 1.83	0.019
9	129.913 - 129.913	rs4837240	rs4837240	<i>RP11-395P17.3</i>	0.67	0.48 - 0.94	0.020

16	67.131 - 67.158	rs1182967	rs7499785	<i>ZFP90</i>	1.38	1.05 - 1.8	0.020
3	130.528 - 130.576	rs7636293	rs7615450	<i>HIFX-AS1,RPL32P3</i>	1.38	1.05 - 1.81	0.020
3	130.756 - 130.800	rs2713615	rs9847824	<i>PLXND1</i>	1.38	1.05 - 1.82	0.020
13	39.655 - 39.658	rs9549096	rs7321873	<i>LINC00332</i>	1.39	1.05 - 1.83	0.020
16	66.860 - 66.892	rs9933029	rs11350	<i>SLC7A6</i>	1.37	1.05 - 1.79	0.020
16	66.901 - 66.902	rs2863978	rs3803650	<i>SLC7A6OS</i>	1.37	1.05 - 1.8	0.020
16	66.916 - 66.941	rs4783619	rs11075672	<i>PRMT7</i>	1.37	1.05 - 1.8	0.020
9	129.932 - 129.932	rs7047254	rs7047254	<i>PTGES2-AS1</i>	0.67	0.48 - 0.94	0.020
12	85.766 - 86.696	rs1387404	rs2708025	<i>MGAT4C,MKRN9P</i>	0.69	0.52 - 0.98	0.020
12	86.710 - 86.896	rs1461282	rs12308624	<i>MKRN9P,C12orf50</i>	0.69	0.5 - 0.94	0.020
9	133.105 - 133.120	rs352970	rs7022116	<i>NUP214,FAM78A</i>	0.67	0.48 - 0.94	0.020
9	133.126 - 133.126	rs352952	rs352952	<i>FAM78A</i>	0.67	0.48 - 0.94	0.020
16	66.582 - 66.582	rs255052	rs255052	<i>DPEP2</i>	1.37	1.05 - 1.79	0.020
16	66.594 - 66.594	rs8059305	rs8059305	<i>DPEP2,LOC100131303</i>	1.37	1.05 - 1.79	0.020
16	66.635 - 66.640	rs9923655	rs2418740	<i>DUS2</i>	1.37	1.05 - 1.79	0.020
16	66.673 - 66.673	rs2107369	rs2107369	<i>DUS2,NFATC3</i>	1.37	1.05 - 1.79	0.020
16	66.693 - 66.771	rs8052366	rs8047161	<i>NFATC3</i>	1.37	1.05 - 1.79	0.020
16	66.837 - 66.837	rs3826164	rs3826164	<i>PLA2G15</i>	1.37	1.05 - 1.79	0.020
16	70.592 - 70.594	rs7185407	rs4788454	<i>PKDIL3,DHODH</i>	1.36	1.05 - 1.77	0.020
16	70.602 - 70.616	rs2878404	rs2287998	<i>DHODH</i>	1.36	1.05 - 1.77	0.020
1	18.952 - 19.036	rs851113	rs12034609	<i>PAX7,TAS1R2</i>	1.37	1.05 - 1.79	0.020
3	130.591 - 130.591	rs16859047	rs16859047	<i>RPL32P3</i>	1.38	1.05 - 1.82	0.020
3	130.607 - 130.625	rs9864987	rs13326661	<i>EFCAB12</i>	1.38	1.05 - 1.82	0.020
21	26.179 - 26.465	rs2829970	rs364048	<i>APP</i>	1.39	1.04 - 1.83	0.021
17	61.733 - 62.228	rs12601850	rs7216764	<i>PRKCA</i>	1.36	1.03 - 1.72	0.021
16	65.464 - 65.464	rs187431	rs187431	<i>CA7,PDP2</i>	1.37	1.05 - 1.79	0.021
1	17.264 - 17.311	rs11203292	rs1022579	<i>PADI2</i>	1.38	1.02 - 1.77	0.021
9	132.993 - 133.100	rs967174	rs12346002	<i>NUP214</i>	0.67	0.48 - 0.94	0.021
16	70.679 - 70.679	rs10492813	rs10492813	<i>TXNL4B</i>	1.36	1.05 - 1.77	0.021
16	70.695 - 70.705	rs2240243	rs6499560	<i>DHX38</i>	1.36	1.05 - 1.77	0.021
16	70.711 - 70.758	rs8050238	rs3909541	<i>PMFBP1</i>	1.36	1.05 - 1.77	0.021
9	38.069 - 38.378	rs1999095	rs7031628	<i>SHB,ALDH1B1</i>	0.70	0.55 - 1	0.021
12	86.900 - 86.948	rs11104698	rs2731640	<i>C12orf50</i>	0.69	0.5 - 0.95	0.021
9	132.975 - 132.985	rs353533	rs353514	<i>AIF1L</i>	0.67	0.48 - 0.94	0.021
3	130.457 - 130.473	rs6789225	rs6439163	<i>COPG1</i>	1.38	1.04 - 1.8	0.021
3	130.526 - 130.526	rs6785022	rs6785022	<i>HIFX-AS1</i>	1.38	1.05 - 1.81	0.021
12	88.633 - 89.832	rs4842499	rs7957174	<i>LINC00936,LINC00615</i>	0.69	0.5 - 0.95	0.021
16	70.635 - 70.635	rs16973636	rs16973636	<i>DHODH,HP</i>	1.36	1.05 - 1.77	0.021
16	70.670 - 70.673	rs2550035	rs8059437	<i>HPR,TXNL4B</i>	1.36	1.05 - 1.77	0.021
12	86.970 - 87.055	rs17015421	rs2471517	<i>CEP290</i>	0.69	0.5 - 0.95	0.022
12	87.060 - 87.087	rs7308977	rs2471519	<i>TMTC3</i>	0.69	0.5 - 0.95	0.022
12	87.123 - 87.406	rs7486236	rs1162371	<i>TMTC3,KITLG</i>	0.69	0.5 - 0.95	0.022
1	16.451 - 16.541	rs4661729	rs11260732	<i>FBXO42</i>	1.38	1.04 - 1.8	0.022
1	16.573 - 16.592	rs11803997	rs12567262	<i>SZRD1</i>	1.38	1.05 - 1.81	0.022
9	38.417 - 38.527	rs10973803	rs6476721	<i>IGFBPL1,FAM95C</i>	0.70	0.52 - 0.95	0.022
6	16.240 - 16.255	rs1011616	rs2072781	<i>MYLIP</i>	1.37	1.05 - 1.8	0.022
6	16.261 - 16.327	rs17580572	rs9464873	<i>MYLIP,GMPR</i>	1.37	1.05 - 1.8	0.022
1	16.312 - 16.322	rs7543472	rs11260711	<i>FAM131C,EPHA2</i>	1.37	1.05 - 1.8	0.022
1	16.347 - 16.347	rs6603867	rs6603867	<i>EPHA2</i>	1.37	1.05 - 1.8	0.022
6	15.776 - 16.232	rs742208	rs6459450	<i>DTNBP1,MYLIP</i>	1.37	1.02 - 1.77	0.022
1	16.246 - 16.252	rs945403	rs12015135	<i>CLCNKB</i>	1.37	1.05 - 1.8	0.022
3	130.631 - 130.637	rs3138373	rs3138345	<i>MBD4</i>	1.38	1.05 - 1.81	0.022
3	130.659 - 130.722	rs9845703	rs1872108	<i>IFT122</i>	1.38	1.05 - 1.81	0.022
3	130.731 - 130.734	rs2855552	rs2855557	<i>RHO</i>	1.38	1.05 - 1.81	0.022
3	130.749 - 130.752	rs2625966	rs3736170	<i>HIFOO</i>	1.38	1.05 - 1.81	0.022
9	38.396 - 38.412	rs10973789	rs1467575	<i>IGFBPL1</i>	0.70	0.52 - 0.95	0.022

9	132.047 - 132.300	rs7862226	rs7041914	<i>NCSI,ASS1</i>	0.68	0.5 - 0.97	0.022
9	38.384 - 38.386	rs7846941	rs4878199	<i>ALDH1B1</i>	0.70	0.52 - 0.95	0.022
9	38.389 - 38.395	rs7867383	rs4878203	<i>ALDH1B1,IGFBPL1</i>	0.70	0.52 - 0.95	0.022
3	129.357 - 129.610	rs11709066	rs2939820	<i>EEFSEC</i>	1.38	1.01 - 1.76	0.022
9	129.862 - 129.867	rs7875644	rs10760528	<i>NAIF1</i>	0.68	0.49 - 0.95	0.023
9	129.884 - 129.911	rs7036499	rs10760539	<i>SLC25A25</i>	0.68	0.49 - 0.95	0.023
9	132.382 - 132.430	rs508609	rs7030440	<i>ASS1,LOC100272217</i>	0.67	0.49 - 0.97	0.023
1	16.358 - 16.391	rs11260822	rs6697459	<i>EPHA2,ARHGEF19</i>	1.37	1.05 - 1.8	0.023
3	129.635 - 129.660	rs4343642	rs2659694	<i>EEFSEC,DNAJB8</i>	1.37	1.05 - 1.81	0.023
1	17.898 - 17.952	rs12749985	rs12136469	<i>ARHGEF10L,ACTL8</i>	1.37	1.01 - 1.75	0.023
9	124.430 - 124.431	rs1476858	rs1536928	<i>OR1B1</i>	0.69	0.52 - 0.98	0.023
9	129.790 - 129.848	rs7868260	rs10819341	<i>FAM102A,NAIF1</i>	0.68	0.49 - 0.95	0.023
22	24.516 - 25.119	rs4822655	rs2226690	<i>MIR1302-1</i>	0.69	0.53 - 0.99	0.023
17	68.617 - 68.671	rs1552843	rs11077670	<i>SLC39A11,SSTR2</i>	1.36	1.04 - 1.77	0.023
17	68.675 - 68.676	rs728291	rs1466113	<i>SSTR2</i>	1.36	1.04 - 1.77	0.023
9	132.443 - 132.443	rs4740196	rs4740196	<i>LOC100272217</i>	0.68	0.48 - 0.95	0.023
3	130.275 - 130.282	rs4927903	rs4927929	<i>GP9,RAB43</i>	1.37	1.04 - 1.8	0.023
3	130.313 - 130.316	rs9841893	rs4293717	<i>ISY1-RAB43,RAB43</i>	1.37	1.04 - 1.8	0.023
3	130.333 - 130.363	rs6767719	rs4927905	<i>ISY1,ISY1-RAB43</i>	1.37	1.04 - 1.8	0.023
3	130.373 - 130.378	rs4303883	rs1384313	<i>CNBP</i>	1.37	1.04 - 1.8	0.023
3	130.411 - 130.442	rs6783602	rs6439158	<i>CNBP,COPG1</i>	1.37	1.04 - 1.8	0.023
9	124.479 - 124.521	rs16912107	rs41391247	<i>OR1L3,OR1L4</i>	0.69	0.5 - 0.95	0.024
9	124.538 - 124.546	rs16912163	rs6478571	<i>OR1L4,OR1L6</i>	0.69	0.5 - 0.95	0.024
9	124.557 - 124.585	rs2416894	rs7860269	<i>OR1L6,OR5C1</i>	0.69	0.5 - 0.95	0.024
9	124.596 - 124.600	rs2535741	rs12340699	<i>OR5C1,OR1K1</i>	0.69	0.5 - 0.95	0.024
9	124.605 - 124.613	rs16912237	rs11790713	<i>OR1K1,PDCL</i>	0.69	0.5 - 0.95	0.024
9	124.646 - 124.646	rs12981	rs12981	<i>PDCL,RC3H2</i>	0.69	0.5 - 0.95	0.024
21	26.088 - 26.168	rs2829908	rs2040275	<i>GABPA,APP</i>	1.38	1.04 - 1.82	0.024
17	68.681 - 68.688	rs7212204	rs8073445	<i>SSTR2,COG1</i>	1.36	1.04 - 1.77	0.024
17	68.704 - 68.708	rs1010442	rs1026129	<i>COG1</i>	1.36	1.04 - 1.77	0.024
3	130.178 - 130.192	rs6779413	rs7637454	<i>KIAA1257</i>	1.37	1.04 - 1.79	0.024
3	130.196 - 130.196	rs1107137	rs1107137	<i>KIAA1257,EFCCI</i>	1.37	1.04 - 1.8	0.024
3	130.208 - 130.227	rs876198	rs395020	<i>EFCCI</i>	1.37	1.04 - 1.8	0.024
3	130.260 - 130.260	rs6765651	rs6765651	<i>EFCCI,GP9</i>	1.37	1.04 - 1.8	0.024
1	16.398 - 16.412	rs221032	rs12728772	<i>ARHGEF19</i>	1.37	1.04 - 1.8	0.024
1	16.446 - 16.447	rs6693451	rs17369676	<i>RSG1,FBXO42</i>	1.37	1.04 - 1.8	0.024
9	124.466 - 124.466	rs7028540	rs7028540	<i>OR1L1,OR1L3</i>	0.69	0.5 - 0.95	0.024
9	124.477 - 124.477	rs16912099	rs16912099	<i>OR1L3</i>	0.69	0.5 - 0.95	0.024
3	129.664 - 129.665	rs2981026	rs13071640	<i>DNAJB8</i>	1.37	1.04 - 1.8	0.024
3	129.667 - 129.673	rs2981027	rs7431368	<i>DNAJB8-AS1</i>	1.37	1.04 - 1.8	0.024
9	124.440 - 124.462	rs16912015	rs237617	<i>OR1B1,OR1L1</i>	0.69	0.5 - 0.95	0.024
17	67.911 - 68.089	rs11655237	rs1177983	<i>LINC00673</i>	1.36	1.04 - 1.77	0.024
12	89.977 - 89.998	rs17018627	rs991427	<i>KERA,LUM</i>	0.69	0.5 - 0.95	0.025
12	90.023 - 90.023	rs17018731	rs17018731	<i>LUM</i>	0.69	0.5 - 0.95	0.025
21	26.470 - 26.758	rs2156079	rs2830237	<i>APP,CYYR1</i>	1.38	1.04 - 1.82	0.025
3	129.675 - 129.678	rs10934854	rs11718692	<i>DNAJB8-AS1,GATA2</i>	1.37	1.04 - 1.8	0.025
6	22.428 - 22.676	rs2655415	rs1361697	<i>PRL,HDGFL1</i>	1.36	1.04 - 1.78	0.025
21	26.037 - 26.050	rs13046078	rs2829893	<i>GABPA</i>	1.38	1.04 - 1.82	0.025
3	129.709 - 129.712	rs2659698	rs2659695	<i>LOC90246</i>	1.37	1.04 - 1.8	0.025
3	129.717 - 129.765	rs7649022	rs6782327	<i>LOC90246,C3orf27</i>	1.37	1.04 - 1.8	0.025
9	132.764 - 132.766	rs7866173	rs3857984	<i>QRFP,FIBCD1</i>	0.68	0.49 - 0.96	0.025
9	36.205 - 36.256	rs16933086	rs10972816	<i>GNE</i>	0.70	0.51 - 0.96	0.025
17	68.107 - 68.144	rs2713990	rs4356518	<i>LINC00511</i>	1.36	1.04 - 1.78	0.025
17	68.151 - 68.152	rs4331375	rs4072715	<i>LINC00511,SLC39A11</i>	1.36	1.04 - 1.78	0.025
9	124.464 - 124.464	rs70157	rs70157	<i>OR1L1</i>	0.69	0.5 - 0.96	0.025
1	17.187 - 17.198	rs3738815	rs6684770	<i>ATPI3A2</i>	1.37	1.04 - 1.79	0.025

9	132.755 - 132.756	rs11244178	rs7866565	<i>ABLI,QRFP</i>	0.68	0.49 - 0.95	0.025
9	132.758 - 132.760	rs3847193	rs7865017	<i>QRFP</i>	0.68	0.49 - 0.95	0.025
6	102.631 - 103.186	rs6571003	rs9499194	<i>GRIK2,NONE</i>	0.70	0.55 - 1.02	0.025
6	103.209 - 104.679	rs7453806	rs9404522	<i>GRIK2,HACE1</i>	0.70	0.51 - 0.96	0.025
2	192.776 - 193.311	rs2356967	rs6730696	<i>TMEFF2,PCGEMI</i>	0.70	0.54 - 1	0.025
9	36.181 - 36.202	rs2025880	rs10972790	<i>CLTA</i>	0.70	0.52 - 0.97	0.025
9	36.203 - 36.203	rs16933085	rs16933085	<i>CLTA,GNE</i>	0.70	0.51 - 0.96	0.025
9	132.315 - 132.357	rs4740158	rs634432	<i>ASS1</i>	0.68	0.49 - 0.95	0.025
9	134.590 - 134.734	rs306526	rs2809240	<i>AK8</i>	0.69	0.5 - 0.96	0.026
6	22.397 - 22.407	rs9379382	rs12210179	<i>PRL</i>	1.36	1.02 - 1.75	0.026
13	111.913 - 112.077	rs928195	rs281206	<i>LINC01070,SPACA7</i>	1.37	1.01 - 1.76	0.026
21	25.942 - 26.010	rs10482967	rs2829881	<i>JAM2</i>	1.38	1.02 - 1.78	0.026
21	26.021 - 26.025	rs11910256	rs2829887	<i>ATP5J</i>	1.38	1.04 - 1.82	0.026
9	124.656 - 124.682	rs1375862	rs2251495	<i>RC3H2</i>	0.70	0.5 - 0.96	0.026
9	124.717 - 124.717	rs10818762	rs10818762	<i>ZBTB6,ZBTB26</i>	0.70	0.5 - 0.96	0.026
17	69.345 - 69.700	rs1585804	rs4563067	<i>LINC00469,RPL38</i>	1.35	1 - 1.71	0.026
2	193.384 - 194.909	rs1125174	rs2005257	<i>PCGEMI,AC018799.1</i>	0.70	0.51 - 0.96	0.026
2	193.322 - 193.348	rs13418130	rs13419834	<i>PCGEMI</i>	0.70	0.51 - 0.96	0.026
9	132.767 - 132.788	rs10217294	rs3847198	<i>FIBCD1</i>	0.68	0.49 - 0.96	0.026
15	68.208 - 68.723	rs11636597	rs2114721	<i>TLE3,UACA</i>	0.70	0.52 - 0.98	0.026
13	112.397 - 112.584	rs282584	rs1278769	<i>ATP11A</i>	1.38	1.02 - 1.81	0.026
13	112.599 - 112.668	rs7989660	rs7983602	<i>ATP11A,MCF2L-AS1</i>	1.38	1.04 - 1.84	0.026
13	112.673 - 112.785	rs3011468	rs2476325	<i>MCF2L</i>	1.38	1.04 - 1.84	0.026
13	112.805 - 112.805	rs1755685	rs1755685	<i>MCF2L,F7</i>	1.38	1.04 - 1.84	0.026
13	112.817 - 112.817	rs491098	rs491098	<i>F7</i>	1.38	1.04 - 1.84	0.026
13	112.829 - 112.852	rs776905	rs3211803	<i>F10</i>	1.38	1.04 - 1.84	0.026
13	112.861 - 112.875	rs3024718	rs3024776	<i>PROZ</i>	1.38	1.04 - 1.84	0.026
13	112.896 - 112.909	rs7329583	rs7998281	<i>PCID2</i>	1.38	1.04 - 1.84	0.026
13	112.915 - 112.964	rs8001506	rs9549368	<i>CUL4A</i>	1.38	1.04 - 1.84	0.026
13	112.986 - 112.997	rs9577491	rs9577495	<i>CUL4A,LAMP1</i>	1.38	1.04 - 1.84	0.026
13	113.011 - 113.011	rs9603823	rs9603823	<i>LAMP1</i>	1.38	1.04 - 1.84	0.026
13	113.026 - 113.060	rs3168760	rs7317038	<i>GRTP1</i>	1.38	1.04 - 1.84	0.026
13	113.070 - 113.104	rs9577246	rs7999901	<i>GRTP1,ADPRHL1</i>	1.38	1.04 - 1.84	0.026
13	113.130 - 113.154	rs9577548	rs9604118	<i>ADPRHL1</i>	1.38	1.04 - 1.84	0.026
13	113.157 - 113.190	rs7986656	rs12428611	<i>DCUNID2</i>	1.38	1.04 - 1.84	0.026
13	113.194 - 113.250	rs2261120	rs2259399	<i>TMCO3</i>	1.38	1.04 - 1.84	0.026
13	113.253 - 113.284	rs11164140	rs6577054	<i>TMCO3,TFDPI</i>	1.38	1.04 - 1.84	0.026
13	113.292 - 113.340	rs11843987	rs4150817	<i>TFDPI</i>	1.38	1.04 - 1.84	0.026
13	113.356 - 113.361	rs12020712	rs9324255	<i>ATP4B</i>	1.38	1.04 - 1.84	0.026
13	113.361 - 113.366	rs9670626	rs11839787	<i>ATP4B,GRK1</i>	1.38	1.04 - 1.84	0.026
13	113.479 - 113.479	rs7338868	rs7338868	<i>GRK1,LINC00565</i>	1.38	1.04 - 1.84	0.026
13	113.481 - 113.485	rs9604487	rs7399591	<i>LINC00565</i>	1.38	1.04 - 1.84	0.026
13	113.493 - 113.514	rs11259844	rs7329468	<i>LINC00452</i>	1.38	1.04 - 1.84	0.026
13	113.518 - 113.531	rs7996863	rs9577914	<i>LINC00452,GAS6-AS2</i>	1.38	1.04 - 1.84	0.026
13	113.555 - 113.560	rs9577922	rs7994900	<i>GAS6</i>	1.38	1.04 - 1.84	0.026
13	113.586 - 113.586	rs7399637	rs7399637	<i>GAS6-AS1</i>	1.38	1.04 - 1.84	0.026
13	113.618 - 113.645	rs7491716	rs6602895	<i>TMEM255B</i>	1.38	1.04 - 1.84	0.026
13	113.759 - 113.759	rs9796292	rs9796292	<i>TMEM255B,RASA3</i>	1.38	1.04 - 1.84	0.026
13	113.770 - 113.914	rs3895392	rs9562072	<i>RASA3</i>	1.38	1.04 - 1.84	0.026
13	113.919 - 114.010	rs1320468	rs9562165	<i>RASA3,CDC16</i>	1.38	1.04 - 1.84	0.026
13	114.017 - 114.045	rs9590405	rs12430336	<i>CDC16</i>	1.38	1.04 - 1.84	0.026
13	114.059 - 114.063	rs9562187	rs9285061	<i>CDC16,UPF3A</i>	1.38	1.04 - 1.84	0.026
13	114.092 - 114.093	rs7316983	rs9525326	<i>UPF3A,CHAMP1</i>	1.38	1.04 - 1.84	0.026
13	114.104 - 114.104	rs9562200	rs9562200	<i>CHAMP1</i>	1.38	1.04 - 1.84	0.026
3	129.928 - 130.015	rs9820753	rs16851333	<i>RAB7A</i>	1.36	1.02 - 1.77	0.026
3	130.051 - 130.061	rs4927921	rs16851729	<i>RAB7A,RP11-723O4.2</i>	1.36	1.04 - 1.79	0.026

3	130.063 - 130.072	rs11921456	rs16851871	<i>RP11-723O4.2</i>	1.36	1.04 - 1.79	0.026
3	130.074 - 130.075	rs16851889	rs789217	<i>RP11-723O4.2,ACAD9</i>	1.36	1.04 - 1.79	0.026
3	130.085 - 130.115	rs789233	rs6790721	<i>ACAD9</i>	1.36	1.04 - 1.79	0.026
16	66.163 - 66.185	rs7203742	rs8061160	<i>CTCF</i>	1.35	1.04 - 1.76	0.026
16	66.355 - 66.394	rs16957524	rs16957551	<i>RANBP10</i>	1.35	1.04 - 1.76	0.026
16	66.422 - 66.422	rs8052287	rs8052287	<i>CENPT</i>	1.35	1.04 - 1.76	0.026
16	66.440 - 66.459	rs28679372	rs2271293	<i>NUTF2</i>	1.35	1.04 - 1.76	0.026
16	66.479 - 66.479	rs10468274	rs10468274	<i>NRNIL,PSKHI</i>	1.35	1.04 - 1.76	0.026
16	66.492 - 66.517	rs16957590	rs16957606	<i>PSKHI</i>	1.35	1.04 - 1.76	0.026
16	66.551 - 66.551	rs16957659	rs16957659	<i>SLC12A4</i>	1.35	1.04 - 1.76	0.026
16	66.566 - 66.569	rs8061362	rs16957670	<i>DPEP3</i>	1.35	1.04 - 1.76	0.026
16	66.577 - 66.577	rs1107767	rs1107767	<i>DPEP3,DPEP2</i>	1.35	1.04 - 1.76	0.026
16	65.022 - 65.076	rs6499083	rs9925352	<i>BEAN1</i>	1.36	1.01 - 1.73	0.027
2	195.000 - 195.272	rs11688042	rs801370	<i>AC018799.1,AC006196.1</i>	0.70	0.55 - 1.01	0.027
17	67.637 - 67.904	rs6501522	rs9906315	<i>SOX9,LINC00673</i>	1.35	0.99 - 1.69	0.027
9	70.177 - 70.336	rs12552820	rs2650077	<i>PGM5</i>	0.71	0.53 - 0.98	0.027
9	65.336 - 65.336	rs10908850	rs10908850	<i>SPATA31A5,PTGER4P2-CD</i>	0.71	0.52 - 0.96	0.027
16	66.144 - 66.144	rs8054369	rs8054369	<i>FAM65A,CTCF</i>	1.35	1.04 - 1.76	0.027
16	65.424 - 65.424	rs422945	rs422945	<i>NAE1,CA7</i>	1.35	1.04 - 1.77	0.027
16	65.439 - 65.439	rs36685	rs36685	<i>CA7</i>	1.35	1.04 - 1.77	0.027
9	124.280 - 124.280	rs10818700	rs10818700	<i>OR1J1</i>	0.70	0.51 - 0.96	0.027
9	124.288 - 124.308	rs12001979	rs7864438	<i>OR1J1,OR1J2</i>	0.70	0.51 - 0.96	0.027
9	38.539 - 38.557	rs10758505	rs4440700	<i>FAM95C,ANKRD18A</i>	0.71	0.52 - 0.96	0.027
9	38.573 - 38.589	rs2993201	rs10511949	<i>ANKRD18A</i>	0.71	0.52 - 0.96	0.027
9	38.616 - 38.866	rs10973939	rs368353	<i>FAM201A,CNTNAP3</i>	0.71	0.52 - 0.96	0.027
12	91.658 - 91.684	rs7958821	rs10777449	<i>PLEKHG7</i>	0.70	0.51 - 0.96	0.027
3	132.737 - 133.240	rs4241351	rs1950079	<i>CPNE4</i>	1.36	1.01 - 1.74	0.027
9	123.368 - 123.415	rs1768730	rs2777316	<i>DAB2IP</i>	0.70	0.51 - 0.96	0.027
9	124.316 - 124.316	rs41364150	rs12349388	<i>OR1J2,OR1J4</i>	0.70	0.51 - 0.96	0.027
12	83.597 - 83.769	rs7136955	rs11116634	<i>MIR548T,SLC6A15</i>	0.70	0.52 - 0.98	0.027
12	83.795 - 83.826	rs2167621	rs11116651	<i>SLC6A15</i>	0.70	0.51 - 0.96	0.027
2	195.303 - 195.303	rs801292	rs801292	<i>AC006196.1</i>	0.71	0.52 - 0.96	0.027
12	83.837 - 83.918	rs7295913	rs6539878	<i>SLC6A15,TSPAN19</i>	0.70	0.51 - 0.96	0.028
16	65.315 - 65.329	rs12600097	rs7204805	<i>DYNC1L12</i>	1.35	1.03 - 1.76	0.028
16	65.360 - 65.370	rs363184	rs363162	<i>CCDC79</i>	1.35	1.03 - 1.77	0.028
16	65.403 - 65.420	rs7184782	rs3026089	<i>NAE1</i>	1.35	1.03 - 1.77	0.028
9	123.304 - 123.366	rs10985277	rs6478519	<i>GGTA1P,DAB2IP</i>	0.70	0.52 - 0.97	0.028
22	24.204 - 24.283	rs6004667	rs5761119	<i>CRYBB2P1,ADRBK2</i>	0.70	0.54 - 1	0.028
9	134.557 - 134.589	rs2772006	rs306528	<i>GTF3C4,AK8</i>	0.69	0.5 - 0.96	0.028
12	87.414 - 87.485	rs995029	rs10777129	<i>KITLG</i>	0.70	0.51 - 0.96	0.028
16	71.396 - 71.647	rs12929452	rs8048267	<i>ZFHX3</i>	1.35	1.01 - 1.72	0.028
12	83.946 - 83.946	rs1404868	rs1404868	<i>TSPAN19</i>	0.70	0.51 - 0.96	0.028
12	83.961 - 84.161	rs17249909	rs7964839	<i>LRR1Q1</i>	0.70	0.51 - 0.96	0.028
12	84.185 - 84.191	rs4761127	rs7486001	<i>LRR1Q1,ALX1</i>	0.70	0.51 - 0.96	0.028
12	84.212 - 84.217	rs17012672	rs17012685	<i>ALX1</i>	0.70	0.51 - 0.96	0.028
12	84.220 - 84.717	rs7306109	rs11831936	<i>ALX1,RASSF9</i>	0.70	0.51 - 0.96	0.028
3	131.180 - 131.237	rs2670898	rs16835045	<i>TRH,ALG1L2</i>	1.36	1.03 - 1.8	0.028
3	131.302 - 131.310	rs4688851	rs16834628	<i>FAM86HP</i>	1.36	1.03 - 1.8	0.028
3	131.331 - 131.402	rs2587977	rs2587988	<i>FAM86HP,COL6A4P2</i>	1.36	1.03 - 1.8	0.028
3	130.119 - 130.159	rs789237	rs2624901	<i>ACAD9,KIAA1257</i>	1.36	1.03 - 1.78	0.028
13	112.454 - 112.454	rs373653	rs373653	<i>ATP11A-AS1</i>	1.38	1.04 - 1.84	0.028
1	16.701 - 16.704	rs696605	rs7537985	<i>CROCCP3,MIR3675</i>	1.36	1.03 - 1.78	0.028
1	17.155 - 17.172	rs2143808	rs12745538	<i>CROCC</i>	1.36	1.03 - 1.78	0.028
1	17.174 - 17.180	rs761423	rs9435732	<i>MFAP2</i>	1.36	1.03 - 1.78	0.028
13	112.080 - 112.137	rs7324712	rs2182921	<i>SPACA7</i>	1.37	1.03 - 1.81	0.028
13	112.138 - 112.176	rs7992158	rs4907531	<i>SPACA7,TUBGCP3</i>	1.37	1.03 - 1.82	0.028

17	72.726 - 72.780	rs7215278	rs9914452	<i>SEC14L1,SEPT9</i>	1.35	1.03 - 1.77	0.028
9	134.459 - 134.529	rs306549	rs417562	<i>DDX31</i>	0.69	0.5 - 0.96	0.028
9	134.539 - 134.551	rs96153	rs567423	<i>GTF3C4</i>	0.69	0.5 - 0.96	0.028
5	53.225 - 53.642	rs271208	rs35939	<i>ARL15</i>	1.36	0.99 - 1.71	0.029
16	65.112 - 65.114	rs11859474	rs13334391	<i>TK2</i>	1.35	1.03 - 1.76	0.029
16	65.143 - 65.156	rs2232722	rs16956724	<i>CKLF,CKLF-CMTM1</i>	1.35	1.03 - 1.76	0.029
16	65.159 - 65.166	rs4783568	rs7188454	<i>CKLF-CMTM1,CMTM1</i>	1.35	1.03 - 1.76	0.029
16	65.189 - 65.189	rs12448207	rs12448207	<i>CMTM2,CMTM3</i>	1.35	1.03 - 1.76	0.029
16	65.214 - 65.281	rs355949	rs11865834	<i>CMTM4</i>	1.35	1.03 - 1.76	0.029
16	65.297 - 65.310	rs583003	rs7196093	<i>CMTM4,DYNCIL12</i>	1.35	1.03 - 1.76	0.029
9	36.038 - 36.114	rs1408465	rs10116037	<i>RECK</i>	0.71	0.53 - 0.98	0.029
3	131.177 - 131.178	rs11921179	rs5660	<i>TRH</i>	1.36	1.03 - 1.8	0.029
6	16.352 - 16.402	rs4716052	rs7765828	<i>GMPR</i>	1.35	1.03 - 1.78	0.029
14	75.910 - 76.025	rs12586708	rs7160216	<i>ESRRB</i>	1.35	1.03 - 1.75	0.029
12	87.516 - 87.909	rs2717408	rs4842480	<i>KITLG,RP11-13A1.1</i>	0.70	0.51 - 0.96	0.029
9	36.127 - 36.153	rs10758347	rs11588	<i>GLIPR2</i>	0.71	0.52 - 0.97	0.029
9	131.976 - 132.035	rs1017112	rs1054879	<i>NCSI</i>	0.69	0.51 - 0.98	0.029
9	36.116 - 36.120	rs4878640	rs7033900	<i>RECK,GLIPR2</i>	0.71	0.52 - 0.97	0.029
9	123.183 - 123.255	rs2793265	rs10739597	<i>STOM,GGTAIP</i>	0.71	0.53 - 0.99	0.030
9	123.261 - 123.301	rs3816094	rs4837866	<i>GGTAIP</i>	0.71	0.52 - 0.97	0.030
17	72.606 - 72.716	rs501316	rs8078674	<i>SEC14L1</i>	1.35	1.01 - 1.72	0.030
13	38.360 - 38.435	rs9576634	rs9576663	<i>FREM2,STOML3</i>	1.36	1 - 1.74	0.030
1	17.446 - 17.446	rs3003419	rs3003419	<i>PADI1,PADI3</i>	1.35	1.03 - 1.78	0.030
9	124.322 - 124.322	rs1318392	rs10985667	<i>OR1J4</i>	0.70	0.51 - 0.97	0.030
9	124.324 - 124.324	rs16911861	rs16911861	<i>OR1J4,OR1N1</i>	0.70	0.51 - 0.97	0.030
9	124.329 - 124.329	rs10818708	rs10818708	<i>OR1N1</i>	0.70	0.51 - 0.97	0.030
9	124.340 - 124.353	rs10818713	rs7026744	<i>OR1N1,OR1N2</i>	0.70	0.51 - 0.97	0.030
9	124.357 - 124.368	rs10760239	rs4836897	<i>OR1N2,OR1L8</i>	0.70	0.51 - 0.97	0.030
6	21.622 - 21.661	rs6900557	rs7770799	<i>LINC00581,SOX4</i>	1.35	1.03 - 1.78	0.030
1	17.448 - 17.484	rs2977227	rs2977303	<i>PADI3</i>	1.35	1.03 - 1.78	0.030
9	124.370 - 124.371	rs1999183	rs1934924	<i>OR1L8</i>	0.70	0.51 - 0.97	0.030
21	27.581 - 28.206	rs464400	rs4817194	<i>MIR5009</i>	1.36	1.02 - 1.79	0.030
9	124.744 - 124.904	rs7032485	rs1971692	<i>RABGAP1</i>	0.70	0.51 - 0.97	0.030
22	24.469 - 24.752	rs5761163	rs2236005	<i>MYO18B</i>	0.71	0.52 - 0.97	0.031
16	71.655 - 71.681	rs8052905	rs8050909	<i>ZFH3,HCCAT5</i>	1.34	1.03 - 1.74	0.031
14	76.056 - 76.296	rs11159210	rs11847566	<i>ESRRB,VASH1</i>	1.35	1.03 - 1.76	0.031
17	71.670 - 71.746	rs4788915	rs3859181	<i>RNF157</i>	1.35	1.03 - 1.76	0.031
1	16.669 - 16.687	rs157252	rs156851	<i>CROCCP3</i>	1.35	1.03 - 1.77	0.031
9	127.771 - 128.122	rs2058850	rs492656	<i>PBX3,MVB12B</i>	0.70	0.52 - 1	0.031
5	53.656 - 53.783	rs17513363	rs4282275	<i>ARL15,HSPB3</i>	1.35	1.03 - 1.78	0.031
17	71.654 - 71.660	rs2598425	rs2585735	<i>RNF157-AS1</i>	1.34	1.01 - 1.73	0.031
1	16.612 - 16.632	rs4661747	rs11260756	<i>SPATA21</i>	1.35	1.03 - 1.77	0.031
9	125.193 - 125.731	rs2491351	rs7872162	<i>DENND1A</i>	0.71	0.52 - 0.97	0.031
9	129.552 - 129.571	rs4837179	rs7037574	<i>SH2D3C</i>	0.70	0.5 - 0.97	0.031
9	129.585 - 129.585	rs1002095	rs7030861	<i>SH2D3C,MIR3960</i>	0.70	0.5 - 0.97	0.031
9	129.602 - 129.602	rs1544105	rs1544105	<i>CDK9,FPGS</i>	0.70	0.5 - 0.97	0.031
9	129.616 - 129.616	rs4451422	rs4451422	<i>ENG,FPGS</i>	0.70	0.5 - 0.97	0.031
9	129.621 - 129.650	rs10819309	rs4836584	<i>ENG</i>	0.70	0.5 - 0.97	0.031
16	71.684 - 71.684	rs9931941	rs9931941	<i>HCCAT5</i>	1.34	1.03 - 1.74	0.031
16	71.690 - 71.711	rs11640435	rs11075967	<i>HCCAT5,C16orf47</i>	1.34	1.03 - 1.74	0.031
13	38.438 - 38.454	rs7327384	rs7985641	<i>STOML3</i>	1.35	1.03 - 1.78	0.031
3	132.540 - 132.574	rs4300985	rs16836519	<i>LOC339874</i>	1.35	1.03 - 1.77	0.031
3	132.564 - 132.564	rs6769667	rs16836493	<i>LOC339874,NUDT16P1</i>	1.35	1.03 - 1.77	0.031
3	132.565 - 132.565	rs17354529	rs17354529	<i>NUDT16P1</i>	1.35	1.03 - 1.77	0.031
3	132.585 - 132.585	rs2874	rs2874	<i>NUDT16</i>	1.35	1.03 - 1.77	0.031
3	132.599 - 132.657	rs6783392	rs6763264	<i>NUDT16,MRPL3</i>	1.35	1.03 - 1.77	0.031

9	125.077 - 125.153	rs10818801	rs10985976	<i>STRBP,CRB2</i>	0.71	0.51 - 0.97	0.031
6	21.707 - 21.707	rs9466124	rs9466124	<i>SOX4</i>	1.35	1.03 - 1.78	0.031
6	21.710 - 21.761	rs12177719	rs6934807	<i>SOX4,CASC15</i>	1.35	1.03 - 1.78	0.031
22	24.465 - 24.465	rs16980640	rs16980648	<i>ADRBK2,MYO18B</i>	0.71	0.52 - 0.97	0.031
1	17.404 - 17.442	rs2293910	rs2977313	<i>PAD11</i>	1.35	1 - 1.73	0.031
1	19.039 - 19.058	rs3935570	rs9701796	<i>TAS1R2</i>	1.34	1.03 - 1.75	0.031
9	129.430 - 129.495	rs10987706	rs12171699	<i>STXBPI</i>	0.70	0.5 - 0.97	0.031
9	129.501 - 129.503	rs7039658	rs7047461	<i>STXBPI,C9orf117</i>	0.70	0.5 - 0.97	0.031
9	129.514 - 129.514	rs522328	rs522328	<i>C9orf117</i>	0.70	0.5 - 0.97	0.031
9	129.531 - 129.532	rs553083	rs6478794	<i>TTC16</i>	0.70	0.5 - 0.97	0.031
9	129.537 - 129.537	rs1999224	rs1999224	<i>TOR2A</i>	0.70	0.5 - 0.97	0.031
16	71.754 - 71.976	rs4788495	rs11648080	<i>C16orf47,RP11-140I24.</i>	1.34	1.03 - 1.74	0.032
9	129.237 - 129.242	rs7853047	rs7859457	<i>ZNF79</i>	0.70	0.5 - 0.97	0.032
9	129.250 - 129.250	rs2247573	rs2247573	<i>RPL12</i>	0.70	0.5 - 0.97	0.032
9	129.255 - 129.297	rs2491101	rs2798429	<i>LRSAM1</i>	0.70	0.5 - 0.97	0.032
9	129.311 - 129.370	rs2244830	rs10118194	<i>FAM129B</i>	0.70	0.5 - 0.97	0.032
9	36.158 - 36.158	rs7038327	rs7038327	<i>CCIN</i>	0.71	0.52 - 0.97	0.032
22	25.406 - 25.505	rs6005132	rs5997123	<i>LOC102724827</i>	0.71	0.53 - 0.99	0.032
6	15.355 - 15.626	rs12530202	rs3778651	<i>JARID2</i>	1.35	1.02 - 1.77	0.032
9	129.668 - 129.668	rs913987	rs913987	<i>AK1</i>	0.70	0.5 - 0.97	0.032
9	129.703 - 129.703	rs2417061	rs2417061	<i>ST6GALNAC6</i>	0.70	0.5 - 0.97	0.032
17	61.663 - 61.714	rs17769836	rs9910760	<i>APOH,PRKCA</i>	1.33	1.02 - 1.72	0.032
1	16.217 - 16.217	rs872222	rs1056207	<i>HSPB7</i>	1.35	1.01 - 1.74	0.032
1	16.240 - 16.240	rs6683445	rs6683445	<i>CLCNKA,CLCNKB</i>	1.35	1.03 - 1.77	0.032
1	16.644 - 16.658	rs12071176	rs279023	<i>NECAP2</i>	1.35	1.03 - 1.77	0.032
12	89.840 - 89.864	rs11611740	rs12371920	<i>LINC00615</i>	0.71	0.51 - 0.97	0.032
22	24.292 - 24.441	rs16980239	rs6519621	<i>ADRBK2</i>	0.71	0.53 - 0.99	0.032
9	124.921 - 124.921	rs803732	rs803732	<i>MIR600HG,STRBP</i>	0.71	0.51 - 0.97	0.032
9	124.928 - 125.058	rs7044347	rs10985915	<i>STRBP</i>	0.71	0.51 - 0.97	0.032
9	124.725 - 124.734	rs10985822	rs1868589	<i>ZBTB26</i>	0.71	0.52 - 0.97	0.032
9	124.741 - 124.741	rs3758332	rs3758332	<i>ZBTB26,RABGAP1</i>	0.71	0.51 - 0.97	0.032
9	125.159 - 125.172	rs2808416	rs7034379	<i>CRB2</i>	0.71	0.51 - 0.97	0.033
6	14.399 - 15.341	rs2274822	rs2327881	<i>LINC01108,JARID2</i>	1.35	0.89 - 1.55	0.033
1	19.071 - 19.094	rs9117	rs16862344	<i>ALDH4A1</i>	1.34	1.02 - 1.75	0.033
22	42.558 - 42.583	rs138067	rs138099	<i>SULT4A1</i>	0.71	0.56 - 1.02	0.033
1	19.109 - 19.148	rs2024725	rs4912111	<i>IFFO2</i>	1.34	1.02 - 1.75	0.033
12	89.867 - 89.869	rs2178457	rs6538254	<i>LINC00615,CCER1</i>	0.71	0.52 - 0.97	0.033
12	89.878 - 89.880	rs7968423	rs12820238	<i>CCER1,EPYC</i>	0.71	0.52 - 0.97	0.033
12	89.887 - 89.921	rs1882146	rs2141678	<i>EPYC</i>	0.71	0.52 - 0.97	0.033
9	124.908 - 124.910	rs803716	rs700085	<i>RABGAP1,MIR600HG</i>	0.71	0.52 - 0.97	0.033
13	111.777 - 111.893	rs6577061	rs9577645	<i>SOX1,LINC01070</i>	1.35	1 - 1.75	0.033
9	129.074 - 129.182	rs2812294	rs10819283	<i>GARNL3</i>	0.70	0.51 - 0.98	0.033
9	129.208 - 129.209	rs10987637	rs6635	<i>SLC2A8</i>	0.70	0.5 - 0.97	0.033
9	129.214 - 129.214	rs7047760	rs7047760	<i>SLC2A8,ZNF79</i>	0.70	0.5 - 0.97	0.033
6	15.631 - 15.746	rs1047631	rs2619552	<i>DTNBP1</i>	1.35	1.02 - 1.77	0.033
17	68.760 - 68.767	rs8068398	rs7210897	<i>CPSF4L</i>	1.34	1.01 - 1.72	0.033
17	71.749 - 71.768	rs7225367	rs3888835	<i>RNF157,UBALD2</i>	1.34	1.02 - 1.75	0.033
17	71.774 - 71.774	rs4789264	rs4789264	<i>UBALD2</i>	1.34	1.02 - 1.75	0.033
9	124.372 - 124.411	rs7860446	rs1475541	<i>OR1L8,OR1Q1</i>	0.71	0.51 - 0.97	0.033
13	38.471 - 38.471	rs7993045	rs7993045	<i>STOML3,PROSER1</i>	1.35	1.02 - 1.77	0.033
13	38.483 - 38.500	rs2274385	rs17059017	<i>PROSER1</i>	1.35	1.02 - 1.77	0.033
12	83.065 - 147.672	rs17011669	rs13438295	<i>MIR548T</i>	0.71	0.53 - 0.99	0.034
6	22.305 - 22.388	rs12526408	rs12524841	<i>CASC15,PRL</i>	1.34	1 - 1.73	0.034
17	61.061 - 61.602	rs4791150	rs16958921	<i>CEP112</i>	1.33	0.99 - 1.66	0.034
17	61.624 - 61.635	rs7209242	rs12452959	<i>CEP112,APOH</i>	1.33	1.02 - 1.72	0.034
17	61.638 - 61.655	rs6933	rs8178822	<i>APOH</i>	1.33	1.02 - 1.72	0.034

9	130.007 - 130.050	rs3003570	rs2302425	<i>DNMI</i>	0.70	0.52 - 1	0.034
15	22.365 - 22.383	rs3901472	rs7180201	<i>PWRN1</i>	0.72	0.54 - 0.99	0.034
9	35.950 - 36.024	rs12378268	rs6476508	<i>OR2S2,RECK</i>	0.72	0.53 - 0.98	0.034
9	129.742 - 129.775	rs3824527	rs7865476	<i>FAM102A</i>	0.70	0.5 - 0.97	0.034
1	17.221 - 17.251	rs761420	rs2235928	<i>SDHB</i>	1.34	1.02 - 1.77	0.034
1	17.254 - 17.263	rs2746460	rs2143811	<i>SDHB,PADI2</i>	1.34	1.02 - 1.77	0.034
9	36.164 - 36.176	rs10814346	rs10972784	<i>CCIN,CLTA</i>	0.72	0.52 - 0.97	0.034
17	71.795 - 71.813	rs9905488	rs16967297	<i>QRICH2</i>	1.34	1.02 - 1.75	0.034
6	21.778 - 22.302	rs1740863	rs3406	<i>CASC15</i>	1.34	1.02 - 1.77	0.034
4	149.594 - 151.212	rs6535607	rs4835618	<i>NR3C2,DCLK2</i>	1.35	0.95 - 1.67	0.034
21	27.268 - 27.579	rs11909355	rs457603	<i>ADAMTS5,MIR5009</i>	1.35	1.01 - 1.77	0.034
1	15.599 - 15.606	rs742362	rs12562216	<i>FHAD1,EFHD2</i>	1.34	1.02 - 1.76	0.034
9	129.710 - 129.713	rs1127024	rs3780668	<i>ST6GALNAC4</i>	0.70	0.51 - 0.97	0.034
9	129.737 - 129.741	rs6781	rs3824528	<i>DPM2</i>	0.70	0.51 - 0.97	0.034
12	123.340 - 123.365	rs904648	rs904647	<i>FAM101A,ZNF664-FAM101</i>	0.71	0.53 - 1	0.034
9	124.417 - 124.418	rs7470572	rs1329955	<i>OR1Q1</i>	0.71	0.52 - 0.98	0.034
9	128.505 - 128.594	rs867559	rs1536861	<i>LMX1B,ZBTB43</i>	0.70	0.52 - 1	0.034
9	128.606 - 128.640	rs1360139	rs1874777	<i>ZBTB43</i>	0.70	0.51 - 0.97	0.034
13	112.388 - 112.391	rs1865266	rs2274774	<i>C13orf35,ATP11A</i>	1.36	1.02 - 1.81	0.035
15	22.385 - 22.460	rs11856095	rs7495407	<i>PWRN1,NPAPI</i>	0.72	0.53 - 0.98	0.035
12	89.926 - 89.966	rs1920744	rs11105946	<i>EPYC,KERA</i>	0.71	0.52 - 0.98	0.035
12	89.968 - 89.976	rs10859100	rs3920455	<i>KERA</i>	0.71	0.52 - 0.98	0.035
9	128.724 - 129.022	rs11787970	rs7040276	<i>RALGPS1</i>	0.70	0.51 - 0.98	0.035
3	129.772 - 129.777	rs2713589	rs2713575	<i>C3orf27</i>	1.35	1.02 - 1.77	0.035
12	84.900 - 85.753	rs7132527	rs10858498	<i>MGAT4C</i>	0.71	0.52 - 0.98	0.035
9	122.049 - 122.189	rs2416754	rs872423	<i>MIR147A,CDK5RAP2</i>	0.72	0.55 - 1.02	0.035
16	64.169 - 64.956	rs11075586	rs9940044	<i>LINC00922,CDH5</i>	1.33	1 - 1.69	0.035
3	129.874 - 129.907	rs6793907	rs4634140	<i>RPN1,RAB7A</i>	1.35	1.02 - 1.77	0.035
1	17.213 - 17.215	rs2647168	rs9435739	<i>ATP13A2,SDHB</i>	1.34	1.02 - 1.76	0.035
13	38.526 - 38.813	rs1012243	rs957184	<i>NHLRC3,LHFP</i>	1.34	1.02 - 1.77	0.035
15	21.485 - 21.948	rs7173663	rs12440442	<i>NDN,PWRN2</i>	0.72	0.54 - 0.99	0.035
9	35.911 - 35.935	rs16932756	rs7019283	<i>LINC00961,OR2S2</i>	0.72	0.54 - 1	0.035
9	126.773 - 126.926	rs2289631	rs7860360	<i>SCAI</i>	0.71	0.54 - 1.02	0.035
9	126.948 - 126.988	rs2113352	rs10986626	<i>PPP6C</i>	0.71	0.51 - 0.98	0.035
9	127.009 - 127.034	rs420423	rs7869876	<i>RABEPK</i>	0.71	0.51 - 0.98	0.035
9	127.037 - 127.037	rs12009	rs12009	<i>HSPA5</i>	0.71	0.51 - 0.98	0.035
9	127.087 - 127.139	rs359592	rs16928096	<i>GAPVD1</i>	0.71	0.51 - 0.98	0.035
9	127.173 - 127.238	rs7026517	rs6478704	<i>GAPVD1,MAPKAP1</i>	0.71	0.51 - 0.98	0.035
10	2.053 - 2.100	rs4880548	rs7908959	<i>LINC00700,MIR6072</i>	1.35	1.02 - 1.77	0.035
10	2.107 - 2.107	rs964291	rs964291	<i>MIR6072</i>	1.35	1.02 - 1.77	0.035
16	81.220 - 82.388	rs16957898	rs7197423	<i>CDH13</i>	0.72	0.61 - 1.1	0.035
2	192.000 - 192.246	rs10804041	rs13389930	<i>MYO1B,NABP1</i>	0.72	0.58 - 1.07	0.035
13	112.294 - 112.344	rs1925888	rs7330399	<i>TUBGCP3,C13orf35</i>	1.36	1.02 - 1.81	0.035
13	112.353 - 112.367	rs11620577	rs1571622	<i>C13orf35</i>	1.36	1.02 - 1.81	0.035
9	128.641 - 128.659	rs7021197	rs10987505	<i>ZBTB43,ZBTB34</i>	0.70	0.51 - 0.98	0.036
9	129.042 - 129.062	rs7019618	rs7857422	<i>RALGPS1,GARNL3</i>	0.70	0.51 - 0.98	0.036
9	130.058 - 130.073	rs4734	rs7039396	<i>GOLGA2</i>	0.70	0.5 - 0.98	0.036
1	14.027 - 14.793	rs2495090	rs2486778	<i>PRDM2,KAZN</i>	1.34	0.99 - 1.72	0.036
6	163.082 - 163.650	rs6900416	rs4708992	<i>PACRG</i>	1.34	1.01 - 1.73	0.036
17	68.775 - 68.782	rs4969090	rs12938083	<i>CPSF4L,CDC42EP4</i>	1.33	1.02 - 1.74	0.036
17	68.792 - 68.802	rs12795	rs8071340	<i>CDC42EP4</i>	1.33	1.02 - 1.74	0.036
9	70.344 - 70.346	rs7861495	rs10869020	<i>TMEM252</i>	0.72	0.54 - 0.98	0.036
9	38.531 - 38.531	rs10973883	rs10973883	<i>FAM95C</i>	0.72	0.53 - 0.98	0.036
2	137.484 - 138.151	rs6750400	rs5012365	<i>THSD7B</i>	1.33	0.98 - 1.67	0.036
17	68.823 - 68.836	rs7214229	rs4969102	<i>CDC42EP4,SDK2</i>	1.33	1.02 - 1.73	0.036
10	2.038 - 2.047	rs10794825	rs12260734	<i>LINC00700</i>	1.34	1 - 1.74	0.036

9	124.425 - 124.425	rs10985737	rs10985737	<i>OR1Q1,OR1B1</i>	0.71	0.52 - 0.98	0.036
9	67.788 - 67.788	rs7041252	rs7041252	<i>ANKRD20A3,LOC642236</i>	0.72	0.53 - 0.98	0.036
1	15.448 - 15.596	rs2489670	rs2253372	<i>FHAD1</i>	1.34	1.01 - 1.74	0.036
9	128.894 - 128.894	rs2297866	rs2297866	<i>ANGPTL2</i>	0.70	0.51 - 0.98	0.037
9	128.905 - 128.905	rs11792699	rs11792699	<i>ANGPTL2,RALGPS1</i>	0.70	0.51 - 0.98	0.037
3	129.827 - 129.849	rs1126828	rs4557179	<i>RPN1</i>	1.34	1.02 - 1.77	0.037
2	139.375 - 140.684	rs6708873	rs1008695	<i>YY1P2,LRP1B</i>	1.33	1.01 - 1.71	0.037
1	18.680 - 18.685	rs2992753	rs3007720	<i>KLHDC7A</i>	1.34	1.02 - 1.76	0.037
5	36.291 - 36.332	rs6451268	rs16902936	<i>RANBP3L</i>	1.34	1 - 1.73	0.037
15	67.928 - 68.104	rs305002	rs869607	<i>LINC00593,TLE3</i>	0.71	0.54 - 1.01	0.037
6	166.324 - 166.490	rs300122	rs12207298	<i>LINC00602,T</i>	1.34	1.02 - 1.75	0.037
9	128.422 - 128.502	rs1536907	rs3814119	<i>LMX1B</i>	0.71	0.52 - 1	0.037
9	122.190 - 122.381	rs4836819	rs7857382	<i>CDK5RAP2</i>	0.72	0.53 - 0.98	0.037
9	39.174 - 39.263	rs2990087	rs9407180	<i>CNTNAP3</i>	0.72	0.53 - 0.98	0.037
9	40.085 - 40.085	rs445659	rs445659	<i>FAM74A1,SPATA31A3</i>	0.72	0.53 - 0.98	0.037
9	44.806 - 44.840	rs6606438	rs7848562	<i>LINC01189,FAM27C</i>	0.72	0.53 - 0.98	0.037
3	129.793 - 129.820	rs9819426	rs2811489	<i>C3orf27,RPN1</i>	1.34	1.02 - 1.76	0.037
13	112.193 - 112.285	rs9577771	rs9635139	<i>TUBGCP3</i>	1.36	1 - 1.77	0.037
21	25.908 - 25.931	rs2226328	rs9647112	<i>MRPL39,JAM2</i>	1.35	1.02 - 1.78	0.037
13	39.083 - 39.120	rs17060342	rs7984113	<i>LHFP,COG6</i>	1.34	1.02 - 1.77	0.038
13	39.128 - 39.258	rs9548869	rs4303351	<i>COG6</i>	1.34	1.02 - 1.77	0.038
12	84.725 - 84.752	rs7132683	rs10506918	<i>RASSF9</i>	0.71	0.52 - 0.98	0.038
12	84.759 - 84.774	rs17013401	rs11117060	<i>RASSF9,NTS</i>	0.71	0.52 - 0.98	0.038
12	84.795 - 84.795	rs12313658	rs12313658	<i>NTS</i>	0.71	0.52 - 0.98	0.038
12	84.807 - 84.876	rs7315084	rs10506914	<i>NTS,MGAT4C</i>	0.71	0.52 - 0.98	0.038
9	130.088 - 130.088	rs2240956	rs2240956	<i>SWI5</i>	0.70	0.51 - 0.98	0.038
9	130.097 - 130.097	rs1468648	rs1468648	<i>SWI5,TRUB2</i>	0.70	0.51 - 0.98	0.038
9	130.127 - 130.127	rs16930351	rs2270203	<i>COQ4</i>	0.70	0.51 - 0.98	0.038
9	130.173 - 130.173	rs2286815	rs2286814	<i>URM1</i>	0.70	0.51 - 0.98	0.038
1	18.579 - 18.676	rs10492995	rs2992764	<i>IGSF21,KLHDC7A</i>	1.34	0.99 - 1.72	0.038
6	166.256 - 166.316	rs7775413	rs9348058	<i>LINC00473</i>	1.33	0.95 - 1.65	0.038
15	68.135 - 68.164	rs8025266	rs618468	<i>TLE3</i>	0.72	0.53 - 0.99	0.038
15	22.620 - 22.750	rs8036523	rs220030	<i>SNRPN</i>	0.73	0.54 - 0.99	0.038
9	128.689 - 128.709	rs3120029	rs7859816	<i>ZBTB34,RALGPS1</i>	0.71	0.51 - 0.99	0.038
21	25.727 - 25.847	rs6516671	rs7278807	<i>LINC00158,MIR155HG</i>	1.35	1 - 1.76	0.038
16	71.978 - 72.012	rs8052830	rs1055165	<i>RP11-140I24.1</i>	1.32	1.01 - 1.7	0.038
16	72.019 - 72.757	rs11149790	rs7190082	<i>RP11-140I24.1,AC00912</i>	1.32	1.02 - 1.71	0.038
21	24.618 - 25.126	rs2258266	rs2829428	<i>AP000469.2,LOC339622</i>	1.35	0.9 - 1.61	0.038
9	122.390 - 122.392	rs7861226	rs7042649	<i>CDK5RAP2,MEGF9</i>	0.72	0.53 - 0.98	0.038
9	122.405 - 122.511	rs1043245	rs7869650	<i>MEGF9</i>	0.72	0.53 - 0.98	0.038
9	122.520 - 122.553	rs4617229	rs10985021	<i>MEGF9,FBXW2</i>	0.72	0.53 - 0.98	0.038
9	122.560 - 122.589	rs16910125	rs7026635	<i>FBXW2</i>	0.72	0.53 - 0.98	0.038
9	122.645 - 122.650	rs10739575	rs10985054	<i>PSMD5-AS1</i>	0.72	0.53 - 0.98	0.038
9	122.666 - 122.694	rs12377227	rs6478485	<i>PHF19</i>	0.72	0.53 - 0.98	0.038
9	122.700 - 122.700	rs7046108	rs7046108	<i>PHF19,TRAF1</i>	0.72	0.53 - 0.98	0.038
9	122.711 - 122.726	rs2239657	rs1930780	<i>TRAF1</i>	0.72	0.53 - 0.98	0.038
9	122.737 - 122.749	rs7863127	rs10760131	<i>TRAF1,C5</i>	0.72	0.53 - 0.98	0.038
21	25.859 - 25.859	rs987195	rs987195	<i>MIR155HG</i>	1.34	1.02 - 1.78	0.039
21	25.878 - 25.878	rs2298369	rs2298369	<i>LINC00515</i>	1.34	1.02 - 1.78	0.039
21	25.886 - 25.899	rs2248298	rs7275556	<i>MRPL39</i>	1.34	1.02 - 1.78	0.039
2	139.049 - 139.130	rs13388206	rs7608950	<i>SPOPL,NXPH2</i>	1.33	1 - 1.7	0.039
15	29.569 - 29.735	rs16956782	rs11858379	<i>OTUD7A</i>	0.72	0.54 - 1	0.039
6	161.689 - 163.042	rs3734464	rs2023036	<i>PARK2</i>	1.33	0.95 - 1.63	0.039
17	69.257 - 69.337	rs2683165	rs12601313	<i>LINC00469</i>	1.33	1.02 - 1.73	0.039
13	38.818 - 39.067	rs7318557	rs9566462	<i>LHFP</i>	1.34	0.99 - 1.72	0.039
17	69.993 - 70.024	rs9915892	rs1171196	<i>CD300A,CD300LB</i>	1.32	1.01 - 1.73	0.039

17	70.029 - 70.039	rs2242462	rs4788843	<i>CD300LB</i>	1.32	1.01 - 1.73	0.039
12	52.638 - 52.638	rs2120296	rs2120296	<i>HOXC12,HOTAIR</i>	1.34	1.02 - 1.77	0.039
16	64.960 - 64.984	rs11644739	rs1865977	<i>CDH5</i>	1.33	1.01 - 1.74	0.039
9	130.225 - 130.233	rs2072400	rs1009850	<i>CERCAM</i>	0.71	0.51 - 0.98	0.040
9	130.241 - 130.254	rs4837264	rs7854268	<i>CERCAM,ODF2</i>	0.71	0.51 - 0.98	0.040
9	131.951 - 131.966	rs7851165	rs11789529	<i>GPR107,NCSI</i>	0.71	0.52 - 1.01	0.040
11	2.431 - 2.826	rs12274567	rs10798	<i>KCNQ1</i>	0.72	0.55 - 1.01	0.040
9	127.239 - 127.509	rs1129	rs10986849	<i>MAPKAPI</i>	0.71	0.52 - 0.98	0.040
4	78.042 - 78.087	rs6837383	rs10009464	<i>SOWAHB,SEPT11</i>	0.73	0.54 - 0.99	0.040
4	77.396 - 77.423	rs6835986	rs1542096	<i>FAM47E,FAM47E-STBD1</i>	0.73	0.54 - 0.99	0.040
22	25.386 - 25.399	rs1007476	rs5752378	<i>MIAT</i>	0.72	0.53 - 0.99	0.040
11	1.831 - 1.865	rs11041476	rs3817198	<i>LSP1</i>	0.72	0.53 - 0.99	0.040
11	1.900 - 1.912	rs965912	rs16927166	<i>TNNT3</i>	0.72	0.53 - 0.99	0.040
4	77.359 - 77.383	rs10032423	rs4859643	<i>FAM47E</i>	0.73	0.54 - 0.99	0.040
1	18.313 - 18.578	rs12409641	rs12566510	<i>IGSF21</i>	1.33	1 - 1.72	0.040
9	123.150 - 123.165	rs10985213	rs12554081	<i>STOM</i>	0.72	0.53 - 0.99	0.040
9	128.133 - 128.309	rs529416	rs16929088	<i>MVB12B</i>	0.71	0.53 - 1.01	0.040
11	1.772 - 1.811	rs10839687	rs498337	<i>MOB2,SYT8</i>	0.72	0.53 - 0.99	0.040
1	15.782 - 15.782	rs6429757	rs6429759	<i>AGMAT</i>	1.33	1.01 - 1.75	0.040
1	15.791 - 15.809	rs16851819	rs7545080	<i>AGMAT,DDI2</i>	1.33	1.01 - 1.75	0.040
11	130.306 - 130.741	rs1991899	rs4414226	<i>SNX19,NTM</i>	1.33	0.93 - 1.61	0.040
22	25.361 - 25.375	rs5752370	rs11913541	<i>CRYBA4,MIAT</i>	0.72	0.53 - 0.99	0.040
12	52.442 - 52.612	rs17102640	rs7301643	<i>CISTR,HOXC13-AS</i>	1.34	1 - 1.75	0.040
12	52.621 - 52.626	rs1561987	rs1822437	<i>HOXC13</i>	1.34	1.01 - 1.77	0.040
12	52.628 - 52.628	rs1822438	rs1822438	<i>HOXC13,HOXC12</i>	1.34	1.01 - 1.77	0.040
17	69.959 - 69.968	rs2251065	rs12601174	<i>GPRC5C,CD300A</i>	1.32	1 - 1.7	0.040
17	69.983 - 69.991	rs8070953	rs12943442	<i>CD300A</i>	1.32	1.01 - 1.73	0.040
5	37.789 - 37.841	rs2366673	rs11748343	<i>WDR70,GDNF</i>	1.33	1.01 - 1.74	0.040
1	14.800 - 15.311	rs6676514	rs10803354	<i>KAZN</i>	1.33	0.97 - 1.68	0.040
15	18.331 - 18.452	rs12905389	rs4932079	<i>NONE,CHEK2P2</i>	0.73	0.54 - 0.99	0.041
15	20.317 - 20.351	rs4433784	rs8031642	<i>GOLGA6L1,TUBGCP5</i>	0.73	0.54 - 0.99	0.041
15	20.414 - 20.422	rs17137283	rs17137276	<i>TUBGCP5</i>	0.73	0.54 - 0.99	0.041
15	20.433 - 20.437	rs9806547	rs8029320	<i>TUBGCP5,CYFIP1</i>	0.73	0.54 - 0.99	0.041
15	20.455 - 20.551	rs4293342	rs2278458	<i>CYFIP1</i>	0.73	0.54 - 0.99	0.041
15	20.555 - 20.555	rs10519332	rs10519332	<i>CYFIP1,NIPA2</i>	0.73	0.54 - 0.99	0.041
15	20.556 - 20.584	rs3693	rs7172332	<i>NIPA2</i>	0.73	0.54 - 0.99	0.041
15	20.588 - 20.593	rs7177395	rs12439636	<i>NIPA2,NIPA1</i>	0.73	0.54 - 0.99	0.041
15	20.594 - 20.630	rs6606819	rs6606830	<i>NIPA1</i>	0.73	0.54 - 0.99	0.041
15	20.645 - 20.645	rs7170324	rs7170324	<i>LOC283683</i>	0.73	0.54 - 0.99	0.041
15	21.234 - 21.350	rs6576313	rs11629973	<i>GOLGA8S,MIR4508</i>	0.73	0.54 - 0.99	0.041
15	21.365 - 21.431	rs6576461	rs10873634	<i>MKRN3,MAGEL2</i>	0.73	0.54 - 0.99	0.041
15	21.446 - 21.480	rs850814	rs699327	<i>MAGEL2,NDN</i>	0.73	0.54 - 0.99	0.041
1	17.337 - 17.401	rs10788657	rs1015082	<i>PADI2,PAD11</i>	1.33	1.01 - 1.75	0.041
2	192.265 - 192.403	rs6708956	rs7569546	<i>NABP1,SDPR</i>	0.73	0.53 - 0.99	0.041
5	36.641 - 36.725	rs9292636	rs1529461	<i>SLCIA3</i>	1.33	0.95 - 1.65	0.041
5	36.736 - 36.884	rs1019770	rs158409	<i>SLCIA3,LOC646719</i>	1.33	1.01 - 1.75	0.041
4	77.926 - 78.025	rs17002207	rs7667074	<i>SHROOM3,SOWAHB</i>	0.73	0.54 - 0.99	0.041
11	1.732 - 1.732	rs2292963	rs2292963	<i>CTSD,MOB2</i>	0.73	0.53 - 0.99	0.041
9	130.217 - 130.217	rs10123744	rs10123744	<i>MIR219-2,CERCAM</i>	0.71	0.51 - 0.99	0.041
1	19.157 - 19.269	rs4912013	rs12738339	<i>IFFO2,UBR4</i>	1.32	1.01 - 1.73	0.041
17	69.776 - 69.776	rs11656352	rs11656352	<i>TTYH2,DNAI2</i>	1.32	1.01 - 1.72	0.041
17	69.782 - 69.813	rs9912615	rs8073660	<i>DNAI2</i>	1.32	1.01 - 1.72	0.041
21	27.213 - 27.258	rs1444269	rs2036146	<i>ADAMTS5</i>	1.34	1 - 1.76	0.041
11	1.450 - 1.693	rs11029890	rs7103274	<i>MOB2</i>	0.73	0.53 - 0.99	0.041
2	192.250 - 192.250	rs6727041	rs6727041	<i>NABP1</i>	0.73	0.53 - 0.99	0.041
11	2.587 - 2.674	rs7104624	rs463924	<i>KCNQ1OT1</i>	0.73	0.55 - 1.01	0.041

9	37.793 - 37.848	rs966494	rs16934508	<i>DCAF10</i>	0.73	0.54 - 0.99	0.041
9	21.352 - 21.352	rs16938415	rs16938415	<i>IFNA6,IFNA13</i>	0.73	0.53 - 0.99	0.041
9	21.369 - 21.370	rs4142399	rs12552330	<i>IFNA13,IFNA2</i>	0.73	0.53 - 0.99	0.041
1	15.820 - 15.858	rs12071463	rs6695903	<i>DDI2</i>	1.33	1.01 - 1.75	0.041
22	25.327 - 25.344	rs3830148	rs5761635	<i>CRYBB1</i>	0.73	0.55 - 1.01	0.041
22	25.347 - 25.347	rs5997109	rs5997109	<i>CRYBA4</i>	0.73	0.53 - 0.99	0.041
11	196.767 - 196.767	rs7930823	rs7930823	<i>BETIL</i>	0.73	0.53 - 0.99	0.041
11	201.447 - 201.447	rs11246002	rs11246002	<i>RIC8A</i>	0.73	0.53 - 0.99	0.041
11	207.140 - 225.619	rs3825075	rs1056098	<i>SIRT3</i>	0.73	0.53 - 0.99	0.041
11	231.489 - 243.662	rs10902111	rs7925234	<i>PSMD13</i>	0.73	0.53 - 0.99	0.041
11	244.010 - 264.780	rs6598054	rs11246045	<i>PSMD13,NLRP6</i>	0.73	0.53 - 0.99	0.041
11	273.928 - 276.134	rs4758635	rs11246052	<i>NLRP6</i>	0.73	0.53 - 0.99	0.041
11	287.970 - 288.224	rs3817640	rs2293743	<i>IFITM5</i>	0.73	0.53 - 0.99	0.041
11	297.036 - 297.036	rs3809112	rs3809112	<i>IFITM5,IFITM2</i>	0.73	0.53 - 0.99	0.041
11	299.508 - 299.508	rs741738	rs741738	<i>IFITM2</i>	0.73	0.53 - 0.99	0.041
11	326.192 - 356.710	rs9328560	rs7394810	<i>IFITM3,B4GALNT4</i>	0.73	0.53 - 0.99	0.041
11	369.097 - 369.097	rs12361394	rs12361394	<i>B4GALNT4</i>	0.73	0.53 - 0.99	0.041
11	373.554 - 373.855	rs7395918	rs7481739	<i>B4GALNT4,PKP3</i>	0.73	0.53 - 0.99	0.041
11	394.317 - 394.317	rs1134578	rs1134578	<i>PKP3</i>	0.73	0.53 - 0.99	0.041
11	426.461 - 430.343	rs11246159	rs7924341	<i>ANO9</i>	0.73	0.53 - 0.99	0.041
11	444.980 - 474.204	rs11823647	rs4963194	<i>PTDSS2</i>	0.73	0.53 - 0.99	0.041
11	492.217 - 492.217	rs7944548	rs7944548	<i>RNHI</i>	0.73	0.53 - 0.99	0.041
11	524.242 - 524.242	rs12628	rs12628	<i>HRAS</i>	0.73	0.53 - 0.99	0.041
11	555.840 - 555.840	rs1056812	rs1056812	<i>MIR210HG</i>	0.73	0.53 - 0.99	0.041
11	563.554 - 563.554	rs12286521	rs12286521	<i>LOC143666</i>	0.73	0.53 - 0.99	0.041
11	567.684 - 596.294	rs11246199	rs11246211	<i>PHRF1</i>	0.73	0.53 - 0.99	0.041
11	610.599 - 610.599	rs7932167	rs7932167	<i>CDHR5</i>	0.73	0.53 - 0.99	0.041
11	631.563 - 631.563	rs11246228	rs11246228	<i>DRD4</i>	0.73	0.53 - 0.99	0.041
11	646.845 - 682.908	rs4963126	rs6597991	<i>DEAF1</i>	0.73	0.53 - 0.99	0.041
11	723.072 - 732.508	rs6597988	rs11246299	<i>EPS8L2,TALDO1</i>	0.73	0.53 - 0.99	0.041
11	756.479 - 762.982	rs7937869	rs11823172	<i>PDDC1</i>	0.73	0.53 - 0.99	0.041
11	828.110 - 828.110	rs5030780	rs5030780	<i>CDI51</i>	0.73	0.53 - 0.99	0.041
11	878.150 - 896.708	rs12577694	rs11246342	<i>CHID1</i>	0.73	0.53 - 0.99	0.041
11	932.344 - 995.108	rs10751669	rs7394783	<i>AP2A2</i>	0.73	0.53 - 0.99	0.041
11	1.030 - 1.061	rs11246385	rs2856082	<i>MUC6,MUC2</i>	0.73	0.53 - 0.99	0.041
11	1.094 - 1.094	rs7927765	rs7927765	<i>MUC2</i>	0.73	0.53 - 0.99	0.041
11	1.095 - 1.128	rs3924453	rs10794300	<i>MUC2,MUC5B</i>	0.73	0.53 - 0.99	0.041
11	1.205 - 1.229	rs2672812	rs4963059	<i>MUC5B</i>	0.73	0.53 - 0.99	0.041
11	1.258 - 1.285	rs5743998	rs5743863	<i>TOLLIP</i>	0.73	0.53 - 0.99	0.041
11	1.321 - 1.358	rs10832253	rs2090192	<i>TOLLIP-AS1,BRSK2</i>	0.73	0.53 - 0.99	0.041
11	1.375 - 1.398	rs11822087	rs10833701	<i>BRSK2</i>	0.73	0.53 - 0.99	0.041
11	1.557 - 1.576	rs7943877	rs1809667	<i>KRTAP5-AS1</i>	0.73	0.53 - 0.99	0.041
12	119.684 - 119.824	rs580076	rs1151849	<i>SPPL3</i>	0.73	0.55 - 1.01	0.041
12	119.829 - 119.889	rs1696363	rs2251468	<i>SPPL3,HNF1A-AS1</i>	0.73	0.53 - 0.99	0.041
12	119.908 - 119.922	rs2393791	rs11065388	<i>HNF1A</i>	0.73	0.53 - 0.99	0.041
16	64.997 - 64.997	rs7199714	rs7199714	<i>CDH5,LINC00920</i>	1.33	1.01 - 1.74	0.041
21	25.354 - 25.677	rs2829529	rs1475886	<i>LOC339622,LINC00158</i>	1.34	1.01 - 1.78	0.041
4	77.427 - 77.444	rs4859442	rs13104573	<i>FAM47E-STBD1</i>	0.73	0.55 - 0.99	0.041
4	77.453 - 77.539	rs7660542	rs16996362	<i>CCDC158</i>	0.73	0.55 - 0.99	0.041
4	77.553 - 77.569	rs13434799	rs6823789	<i>CCDC158,SHROOM3</i>	0.73	0.55 - 0.99	0.041
4	77.578 - 77.912	rs10023335	rs6848493	<i>SHROOM3</i>	0.73	0.55 - 0.99	0.041
11	1.923 - 1.923	rs3809101	rs3809101	<i>TNNT3,MRPL23</i>	0.73	0.53 - 0.99	0.041
11	1.932 - 1.932	rs11600982	rs11600982	<i>MRPL23</i>	0.73	0.53 - 0.99	0.041
11	1.938 - 1.950	rs217237	rs190063	<i>MRPL23,MRPL23-AS1</i>	0.73	0.53 - 0.99	0.041
2	192.527 - 192.750	rs7604868	rs12693642	<i>TMEFF2</i>	0.73	0.54 - 1	0.041
6	100.636 - 100.941	rs6570517	rs13192682	<i>MCHR2-AS1,SIMI</i>	0.73	0.53 - 0.99	0.041

4	77.306 - 77.348	rs7664889	rs17001654	<i>SCARB2</i>	0.73	0.55 - 0.99	0.041
5	37.436 - 37.786	rs6876447	rs13188890	<i>WDR70</i>	1.33	1.01 - 1.74	0.041
3	132.705 - 132.725	rs9843898	rs13069521	<i>MRPL3,CPNE4</i>	1.33	1.01 - 1.74	0.041
9	21.381 - 21.397	rs16938373	rs1330322	<i>IFNA2,IFNA8</i>	0.73	0.53 - 0.99	0.042
3	132.673 - 132.705	rs11923992	rs3762802	<i>MRPL3</i>	1.33	1.01 - 1.74	0.042
9	37.502 - 37.563	rs12237351	rs10758440	<i>FBXO10</i>	0.73	0.54 - 1	0.042
9	37.602 - 37.638	rs7867861	rs4490927	<i>TOMM5,FRMPD1</i>	0.73	0.54 - 0.99	0.042
9	37.640 - 37.733	rs7021824	rs12551499	<i>FRMPD1</i>	0.73	0.54 - 0.99	0.042
3	129.192 - 129.248	rs2878602	rs9882664	<i>KBTBD12,SEC61A1</i>	1.33	1 - 1.75	0.042
3	168.690 - 168.851	rs1916351	rs2420024	<i>WDR49</i>	0.74	0.57 - 1.02	0.042
17	69.758 - 69.767	rs9897556	rs4074790	<i>TTYH2</i>	1.32	1.01 - 1.71	0.042
15	29.736 - 30.108	rs7496896	rs3826029	<i>OTUD7A,CHRNA7</i>	0.73	0.53 - 0.99	0.042
16	64.999 - 64.999	rs2289149	rs2289149	<i>LINC00920</i>	1.33	1.01 - 1.74	0.042
16	65.013 - 65.015	rs35874313	rs719941	<i>LINC00920,BEANI</i>	1.33	1.01 - 1.74	0.042
12	119.926 - 119.938	rs3751151	rs2258287	<i>C12orf43</i>	0.73	0.53 - 0.99	0.042
3	129.255 - 129.274	rs2335772	rs12695504	<i>SEC61A1</i>	1.33	1.01 - 1.76	0.042
3	129.276 - 129.276	rs9819578	rs9819578	<i>SEC61A1,RUVBL1</i>	1.33	1.01 - 1.76	0.042
3	129.282 - 129.321	rs1554534	rs9821568	<i>RUVBL1</i>	1.33	1.01 - 1.76	0.042
11	2.323 - 2.341	rs10831846	rs10831898	<i>CD81-AS1</i>	0.73	0.53 - 0.99	0.042
11	2.375 - 2.375	rs7124991	rs7106086	<i>CD81</i>	0.73	0.53 - 0.99	0.042
11	2.387 - 2.397	rs800347	rs757091	<i>TRPM5</i>	0.73	0.53 - 0.99	0.042
1	13.786 - 13.817	rs1148455	rs876931	<i>PDPN</i>	1.33	0.99 - 1.72	0.042
1	13.819 - 13.887	rs11587701	rs2487655	<i>PDPN,PRDM2</i>	1.33	1.01 - 1.74	0.042
17	72.791 - 72.993	rs16969881	rs367896	<i>SEPT9</i>	1.32	1.01 - 1.73	0.042
9	21.327 - 21.330	rs16938347	rs10119678	<i>KLHL9,IFNA6</i>	0.73	0.53 - 0.99	0.042
9	123.075 - 123.135	rs10739594	rs12347169	<i>GSN</i>	0.72	0.53 - 0.99	0.042
9	123.138 - 123.138	rs767769	rs767769	<i>GSN,STOM</i>	0.72	0.53 - 0.99	0.042
1	15.729 - 15.746	rs10927796	rs11579378	<i>DNAJC16</i>	1.33	1.01 - 1.74	0.042
21	25.142 - 25.333	rs6516641	rs2829521	<i>LOC339622</i>	1.34	0.99 - 1.74	0.042
15	22.481 - 22.608	rs12905620	rs7164801	<i>NPAPI,SNRPN</i>	0.73	0.55 - 0.99	0.042
1	17.744 - 17.892	rs4920374	rs1339801	<i>ARHGEF10L</i>	1.33	0.99 - 1.72	0.042
13	39.821 - 39.941	rs9549182	rs7983218	<i>LINC00598</i>	1.33	0.99 - 1.73	0.043
15	21.985 - 22.352	rs1878504	rs11853922	<i>PWRN2,PWRN1</i>	0.73	0.55 - 1	0.043
11	2.867 - 2.876	rs10832869	rs10741735	<i>SLC22A1&AS</i>	0.73	0.53 - 0.99	0.043
9	122.760 - 122.851	rs10491538	rs2300939	<i>C5</i>	0.72	0.55 - 1.02	0.043
9	122.855 - 122.886	rs12003718	rs4837808	<i>C5,CNTRL</i>	0.72	0.53 - 0.99	0.043
9	122.889 - 122.976	rs10985149	rs2302498	<i>CNTRL</i>	0.72	0.53 - 0.99	0.043
9	122.988 - 123.004	rs10760154	rs9792437	<i>RAB14</i>	0.72	0.53 - 0.99	0.043
9	123.011 - 123.058	rs10739592	rs12349092	<i>RAB14,GSN</i>	0.72	0.53 - 0.99	0.043
5	36.923 - 37.088	rs158622	rs6868809	<i>NIPBL</i>	1.33	1.01 - 1.74	0.043
4	77.155 - 77.253	rs12511861	rs7664821	<i>ART3</i>	0.74	0.56 - 1.01	0.043
4	77.254 - 77.281	rs4408983	rs6850228	<i>NUP54</i>	0.74	0.55 - 0.99	0.043
4	77.292 - 77.296	rs6848297	rs17001533	<i>NUP54,SCARB2</i>	0.74	0.55 - 0.99	0.043
11	2.838 - 2.838	rs10832839	rs10832839	<i>KCNQ1,KCNQ1DN</i>	0.73	0.53 - 0.99	0.043
5	40.091 - 40.713	rs4957237	rs4957341	<i>LINC00603,PTGER4</i>	1.33	0.94 - 1.64	0.043
15	22.478 - 22.480	rs11636117	rs13329314	<i>NPAPI</i>	0.73	0.54 - 0.99	0.043
4	78.094 - 78.176	rs2645698	rs11559161	<i>SEPT11</i>	0.73	0.54 - 0.99	0.043
5	37.409 - 37.412	rs12109225	rs217838	<i>NUP155,WDR70</i>	1.33	1.01 - 1.74	0.043
11	2.879 - 2.879	rs4930027	rs4930027	<i>SLC22A18,SLC22A18AS</i>	0.73	0.53 - 0.99	0.043
11	2.882 - 2.895	rs451443	rs369638	<i>SLC22A18</i>	0.73	0.53 - 0.99	0.043
6	101.442 - 101.948	rs846798	rs2852503	<i>ASCC3,GRIK2</i>	0.73	0.55 - 1.02	0.043
12	118.608 - 118.782	rs278123	rs7971089	<i>CIT</i>	0.73	0.57 - 1.04	0.043
11	2.930 - 2.967	rs7102595	rs6578310	<i>NAP1L4</i>	0.73	0.53 - 0.99	0.043
17	71.548 - 71.568	rs2260516	rs2665999	<i>SRP68</i>	1.32	1.01 - 1.73	0.043
17	71.595 - 71.608	rs2290246	rs9895541	<i>EXOC7</i>	1.32	1.01 - 1.73	0.043
9	126.316 - 126.316	rs12349577	rs12349577	<i>NR5A1,NR6A1</i>	0.72	0.52 - 0.99	0.044

6	165.663 - 165.990	rs1080298	rs2322948	<i>PDE10A</i>	1.32	1.01 - 1.74	0.044
9	126.330 - 126.553	rs2095293	rs7025189	<i>NR6A1</i>	0.72	0.52 - 0.99	0.044
17	67.537 - 67.549	rs2193054	rs11650401	<i>LINC01152</i>	1.32	1 - 1.71	0.044
11	2.298 - 2.305	rs2521284	rs2521294	<i>TSPAN32,CD81-AS1</i>	0.73	0.53 - 0.99	0.044
11	2.851 - 2.852	rs11024404	rs3987740	<i>KCNQ1DN,CDKN1C</i>	0.73	0.53 - 0.99	0.044
12	118.800 - 118.899	rs2707736	rs11064983	<i>CIT,CCDC64</i>	0.73	0.54 - 0.99	0.044
17	71.515 - 71.532	rs7342882	rs2665964	<i>EVPL</i>	1.32	1.01 - 1.72	0.044
1	15.421 - 15.444	rs4661327	rs1752020	<i>TMEM51,FHAD1</i>	1.32	0.99 - 1.7	0.044
11	2.277 - 2.277	rs16928081	rs16928081	<i>C11orf21</i>	0.73	0.54 - 0.99	0.044
11	2.296 - 2.296	rs4930081	rs4930081	<i>TSPAN32</i>	0.73	0.54 - 0.99	0.044
17	67.577 - 67.623	rs8077585	rs9893662	<i>SOX9-AS1</i>	1.32	1.01 - 1.72	0.044
9	37.739 - 37.739	rs10511944	rs10511944	<i>FRMPD1,TRMT10B</i>	0.73	0.54 - 0.99	0.044
9	37.745 - 37.765	rs10814618	rs4878174	<i>TRMT10B</i>	0.73	0.54 - 0.99	0.044
9	37.771 - 37.772	rs3827515	rs10973540	<i>EXOSC3</i>	0.73	0.54 - 0.99	0.044
9	37.778 - 37.789	rs10973545	rs7049213	<i>EXOSC3,DCAF10</i>	0.73	0.54 - 0.99	0.044
12	52.648 - 52.651	rs17105613	rs10783618	<i>HOTAIR</i>	1.33	1.01 - 1.76	0.044
17	72.466 - 72.594	rs7218980	rs11868437	<i>MGAT5B,LINC00338</i>	1.32	1 - 1.7	0.044
17	72.597 - 72.597	rs2678770	rs2678770	<i>SCARNA16</i>	1.32	1.01 - 1.72	0.044
17	72.597 - 72.597	rs16969661	rs16969661	<i>LINC00338</i>	1.32	1.01 - 1.72	0.044
1	17.491 - 17.506	rs2501776	rs2477134	<i>PADI3,PADI4</i>	1.32	1.01 - 1.74	0.044
12	123.071 - 123.338	rs863750	rs7955740	<i>ZNF664-FAM101A</i>	0.73	0.56 - 1.04	0.044
17	67.552 - 67.577	rs2058742	rs9892101	<i>LINC01152,SOX9-AS1</i>	1.32	1.01 - 1.72	0.045
12	82.056 - 83.040	rs11115612	rs1994104	<i>TMTC2,MIR548T</i>	0.73	0.54 - 1.01	0.045
5	37.111 - 37.111	rs6861906	rs6861906	<i>NIPBL,C5orf42</i>	1.32	1.01 - 1.74	0.045
5	37.163 - 37.269	rs301892	rs13177573	<i>C5orf42</i>	1.32	1.01 - 1.74	0.045
12	81.608 - 82.051	rs17009851	rs2292826	<i>TMTC2</i>	0.73	0.55 - 1.03	0.045
5	35.991 - 36.037	rs10472268	rs6890283	<i>UGT3A1</i>	1.33	0.99 - 1.72	0.045
5	36.038 - 36.069	rs7715372	rs10063618	<i>UGT3A1,UGT3A2</i>	1.33	1.01 - 1.75	0.045
11	1.963 - 1.963	rs217710	rs217710	<i>MRPL23-AS1</i>	0.73	0.54 - 0.99	0.045
11	1.977 - 2.098	rs2107425	rs6578987	<i>H19,IGF2</i>	0.73	0.54 - 0.99	0.045
17	69.710 - 69.710	rs4789636	rs7207252	<i>RPL38</i>	1.31	0.99 - 1.68	0.045
17	68.744 - 68.755	rs745143	rs7218121	<i>C17orf80</i>	1.31	1 - 1.7	0.045
10	15.600 - 15.794	rs921479	rs11575603	<i>ITGA8</i>	1.31	0.97 - 1.64	0.045
10	15.804 - 15.850	rs2487488	rs11253637	<i>ITGA8,FAM188A</i>	1.31	1.01 - 1.7	0.045
17	71.449 - 71.471	rs3643	rs7226127	<i>ACOX1</i>	1.32	0.98 - 1.69	0.045
5	37.317 - 37.321	rs9292651	rs7724176	<i>C5orf42,NUP155</i>	1.32	1.01 - 1.74	0.045
5	37.334 - 37.405	rs216400	rs12054703	<i>NUP155</i>	1.32	1.01 - 1.74	0.045
9	126.468 - 126.495	rs10986391	rs16927589	<i>MIR181A2HG</i>	0.72	0.52 - 0.99	0.045
17	71.869 - 71.888	rs7215637	rs898082	<i>PRPSAP1,SPHK1</i>	1.32	1 - 1.71	0.045
1	17.507 - 17.563	rs1886302	rs1408422	<i>PADI4</i>	1.32	1.01 - 1.74	0.045
11	2.251 - 2.267	rs7394849	rs756920	<i>ASCL2,C11orf21</i>	0.73	0.54 - 1	0.045
13	111.900 - 111.902	rs4907674	rs7982118	<i>LINC01070</i>	1.33	1.01 - 1.76	0.045
9	70.353 - 70.508	rs4457398	rs1107107	<i>RP11-274B18.2,PIP5K1B</i>	0.74	0.55 - 0.99	0.045
2	139.260 - 139.369	rs11883761	rs17608821	<i>NXPH2,YYIP2</i>	1.31	1.01 - 1.71	0.045
11	2.162 - 2.239	rs11564708	rs1548428	<i>MIR4686,ASCL2</i>	0.73	0.54 - 0.99	0.045
5	36.072 - 36.103	rs10038804	rs16902708	<i>UGT3A2</i>	1.33	1.01 - 1.75	0.045
6	165.622 - 165.644	rs4709933	rs504371	<i>C6orf118</i>	1.32	1 - 1.73	0.045
6	165.654 - 165.659	rs476618	rs592768	<i>C6orf118,PDE10A</i>	1.32	1.01 - 1.73	0.045
12	123.367 - 123.368	rs11835624	rs4765544	<i>ZNF664-FAM101A,NCOR2</i>	0.73	0.53 - 0.99	0.045
15	30.111 - 30.231	rs868437	rs2337980	<i>CHRNA7</i>	0.73	0.54 - 0.99	0.046
4	168.398 - 169.248	rs17600543	rs6845007	<i>TES-3,ANXA10</i>	1.33	0.99 - 1.73	0.046
7	140.423 - 140.823	rs491554	rs7799309	<i>TMEM178B</i>	1.34	0.97 - 1.71	0.046
2	139.144 - 139.247	rs10496799	rs16841174	<i>NXPH2</i>	1.31	1 - 1.71	0.046
1	16.179 - 16.200	rs3979179	rs1739828	<i>ZBTB17,C1orf64</i>	1.32	1 - 1.74	0.046
1	16.204 - 16.205	rs1739834	rs1763612	<i>C1orf64</i>	1.32	1.01 - 1.74	0.046
1	16.208 - 16.209	rs1763610	rs1739836	<i>C1orf64,HSPB7</i>	1.32	1.01 - 1.74	0.046

12	119.018 - 119.031	rs1057686	rs3936255	<i>RAB35</i>	0.73	0.54 - 1	0.046
12	119.062 - 119.102	rs12301083	rs11065036	<i>GCN1L1</i>	0.73	0.54 - 0.99	0.046
1	15.865 - 15.878	rs10492987	rs12082523	<i>RSC1A1,PLEKHM2</i>	1.32	1 - 1.74	0.046
9	21.270 - 21.286	rs2094788	rs7868542	<i>IFNA22P,IFNA5</i>	0.73	0.54 - 1	0.046
2	192.460 - 192.521	rs6728603	rs4241285	<i>SDPR,TMEFF2</i>	0.73	0.54 - 1	0.046
1	15.616 - 15.616	rs2496321	rs2496321	<i>EFHD2</i>	1.32	1.01 - 1.74	0.046
1	15.635 - 15.635	rs6693417	rs6693417	<i>EFHD2,CTRC</i>	1.32	1.01 - 1.74	0.046
1	15.656 - 15.669	rs16851662	rs10927791	<i>CELA2A</i>	1.32	1.01 - 1.74	0.046
1	15.686 - 15.688	rs6667862	rs6429746	<i>CELA2B</i>	1.32	1.01 - 1.74	0.046
1	15.693 - 15.716	rs4646093	rs4646011	<i>CASP9</i>	1.32	1.01 - 1.74	0.046
6	22.680 - 24.232	rs6908475	rs2176932	<i>HDGFL1,NRSN1</i>	1.31	1 - 1.72	0.046
22	23.753 - 23.923	rs5760804	rs763282	<i>KIAA1671</i>	0.73	0.55 - 1.01	0.046
9	21.300 - 21.319	rs10811529	rs4582643	<i>IFNA5,KLHL9</i>	0.73	0.54 - 1	0.046
9	21.321 - 21.321	rs8729	rs8729	<i>KLHL9</i>	0.73	0.54 - 1	0.046
9	134.755 - 134.755	rs2040557	rs2040557	<i>C9orf9</i>	0.72	0.52 - 0.99	0.046
9	134.757 - 134.805	rs11553763	rs4419933	<i>TSC1</i>	0.72	0.52 - 0.99	0.046
9	134.812 - 134.840	rs7035308	rs7036106	<i>TSC1,GF11B</i>	0.72	0.52 - 0.99	0.046
9	21.245 - 21.255	rs1330318	rs1543640	<i>IFNA14,IFNA22P</i>	0.73	0.54 - 1	0.047
1	16.146 - 16.175	rs742617	rs698893	<i>ZBTB17</i>	1.32	0.99 - 1.71	0.047
9	129.989 - 129.989	rs10987913	rs10987913	<i>CIZ1</i>	0.72	0.52 - 0.99	0.047
4	80.718 - 80.964	rs12511646	rs9968253	<i>LINC00989,PCAT4</i>	0.74	0.56 - 1.01	0.047
12	118.933 - 118.991	rs16949870	rs7965829	<i>CCDC64</i>	0.73	0.54 - 1	0.047
17	66.713 - 67.537	rs6501455	rs2193055	<i>CASC17,LINC01152</i>	1.31	0.91 - 1.57	0.047
17	71.819 - 71.848	rs10459	rs11077813	<i>PRPSAPI</i>	1.31	1 - 1.71	0.047
12	52.703 - 52.705	rs894738	rs754133	<i>HOXC4,HOXC6</i>	1.33	1 - 1.76	0.047
12	52.722 - 52.729	rs17106472	rs10876531	<i>HOXC4</i>	1.33	1 - 1.76	0.047
12	52.737 - 52.798	rs2171216	rs7137107	<i>FLJ12825</i>	1.33	1 - 1.76	0.047
5	52.819 - 52.884	rs6450138	rs1991002	<i>FST,NDUFS4</i>	1.32	1 - 1.73	0.047
5	52.898 - 53.014	rs6450151	rs2290697	<i>NDUFS4</i>	1.32	1 - 1.73	0.047
3	129.123 - 129.180	rs6779024	rs16839745	<i>KBTBD12</i>	1.32	0.99 - 1.72	0.047
9	35.788 - 35.794	rs3793543	rs10758325	<i>NPR2</i>	0.73	0.54 - 1	0.047
17	72.010 - 72.019	rs12948783	rs7207934	<i>RHBDF2,CYGB</i>	1.31	1 - 1.71	0.047
4	167.892 - 168.390	rs3762244	rs7657608	<i>TES-3</i>	1.32	0.95 - 1.66	0.047
2	139.372 - 139.372	rs11886636	rs11886636	<i>YYIP2</i>	1.31	1 - 1.71	0.047
9	127.539 - 127.539	rs12345049	rs12345049	<i>MAPKAPI,PBX3</i>	0.72	0.52 - 1	0.047
9	127.552 - 127.768	rs12005972	rs11792585	<i>PBX3</i>	0.72	0.52 - 1	0.047
12	123.398 - 123.611	rs1244063	rs10773093	<i>NCOR2</i>	0.73	0.53 - 1	0.047
9	37.354 - 37.411	rs10814520	rs10973329	<i>ZCCHC7,GRHPR</i>	0.73	0.54 - 1	0.047
9	35.864 - 35.893	rs2181027	rs4271053	<i>OR13J1,HRCT1</i>	0.73	0.54 - 1	0.047
9	35.895 - 35.895	rs10814295	rs10814295	<i>HRCT1</i>	0.73	0.54 - 1	0.047
9	35.898 - 35.898	rs10972619	rs10972619	<i>LINC00961</i>	0.73	0.54 - 1	0.047
5	52.448 - 52.801	rs16880902	rs6880850	<i>LOC257396,FST</i>	1.32	1 - 1.71	0.047
22	23.960 - 23.991	rs5760932	rs6004508	<i>CRYBB2,IGLL3P</i>	0.73	0.55 - 1.02	0.048
9	37.481 - 37.489	rs10814556	rs7022491	<i>POLRIE</i>	0.73	0.54 - 1	0.048
12	119.206 - 119.219	rs3847967	rs1179368	<i>PXN,SIRT4</i>	0.73	0.54 - 1	0.048
5	36.105 - 36.129	rs2197513	rs33614	<i>UGT3A2,LMBRD2</i>	1.32	1 - 1.74	0.048
22	25.513 - 25.625	rs12167517	rs9620643	<i>LOC102724827,RP1-90L6</i>	0.73	0.54 - 1	0.048
17	72.038 - 72.043	rs4648336	rs9789010	<i>CYGB</i>	1.31	1 - 1.71	0.048
12	119.247 - 119.247	rs5637	rs5634	<i>PLA2G1B</i>	0.73	0.54 - 1	0.048
12	119.254 - 119.255	rs2701632	rs2522136	<i>PLA2G1B,MSII</i>	0.73	0.54 - 1	0.048
12	119.270 - 119.281	rs1179434	rs1179446	<i>MSII</i>	0.73	0.54 - 1	0.048
12	119.293 - 119.347	rs3742038	rs11065108	<i>MSII,COX6A1</i>	0.73	0.54 - 1	0.048
12	119.360 - 119.360	rs2076022	rs2076022	<i>COX6A1</i>	0.73	0.54 - 1	0.048
12	119.364 - 119.364	rs1151878	rs1151878	<i>COX6A1,TRIAP1</i>	0.73	0.54 - 1	0.048
12	119.375 - 119.385	rs1794735	rs7027	<i>GATC</i>	0.73	0.54 - 1	0.048
12	119.386 - 119.386	rs1050187	rs1050187	<i>SRSF9</i>	0.73	0.54 - 1	0.048

9	35.798 - 35.798	rs3763631	rs3763631	<i>NPR2,SPAG8</i>	0.73	0.54 - 1	0.048
9	35.815 - 35.815	rs4879930	rs4879930	<i>FAM221B</i>	0.73	0.54 - 1	0.048
9	35.822 - 35.845	rs2065039	rs12345598	<i>TMEM8B</i>	0.73	0.54 - 1	0.048
9	35.846 - 35.847	rs10758328	rs10814285	<i>TMEM8B,LINC00950</i>	0.73	0.54 - 1	0.048
9	35.850 - 35.853	rs4879932	rs4879933	<i>LINC00950</i>	0.73	0.54 - 1	0.048
9	35.857 - 35.857	rs10814288	rs10814288	<i>LINC00950,OR13J1</i>	0.73	0.54 - 1	0.048
5	50.728 - 52.114	rs7709134	rs13189973	<i>ISL1,PELO</i>	1.32	0.96 - 1.65	0.048
22	37.602 - 37.681	rs12159761	rs17298479	<i>CBX6,APOBEC3A</i>	0.74	0.56 - 1.01	0.048
15	23.078 - 23.127	rs2719888	rs17176331	<i>SNORD109B,UBE3A</i>	0.74	0.55 - 1	0.048
17	71.905 - 71.958	rs898085	rs4789297	<i>UBE2O</i>	1.31	1 - 1.71	0.048
17	71.966 - 71.967	rs16968964	rs11077823	<i>AANAT</i>	1.31	1 - 1.71	0.048
12	119.566 - 119.579	rs10849774	rs2686555	<i>CABP1</i>	0.73	0.55 - 1.02	0.048
22	24.181 - 24.181	rs5996938	rs5996938	<i>CRYBB2P1</i>	0.73	0.54 - 1	0.048
5	106.380 - 106.736	rs7444810	rs17165747	<i>LOC102467213,EFNA5</i>	0.74	0.56 - 1.02	0.048
9	37.416 - 37.426	rs2768659	rs7867764	<i>GRHPR</i>	0.73	0.54 - 1	0.048
9	37.429 - 37.444	rs7022431	rs309444	<i>ZBTB5</i>	0.73	0.54 - 1	0.048
11	130.748 - 131.707	rs11222591	rs485876	<i>NTM</i>	1.32	1 - 1.73	0.048
12	124.715 - 125.006	rs2214959	rs7305559	<i>TMEM132B,LINC00939</i>	0.73	0.55 - 1.03	0.048
14	71.479 - 72.103	rs36318	rs7148786	<i>RGS6</i>	1.31	0.93 - 1.59	0.048
14	72.112 - 72.153	rs11158963	rs12590634	<i>RGS6,DPF3</i>	1.31	1 - 1.71	0.048
13	38.158 - 38.357	rs11147723	rs2225623	<i>FREM2</i>	1.32	1 - 1.72	0.048
12	52.391 - 52.408	rs3741662	rs17102221	<i>CALCOCO1</i>	1.32	1 - 1.74	0.048
12	52.412 - 52.420	rs17102261	rs7980783	<i>CALCOCO1,CISTR</i>	1.32	1 - 1.75	0.048
17	71.978 - 71.978	rs7221225	rs7221225	<i>AANAT,RHBDF2</i>	1.31	1 - 1.71	0.048
17	71.978 - 71.999	rs8150	rs4788926	<i>RHBDF2</i>	1.31	1 - 1.71	0.048
9	21.134 - 21.147	rs10811480	rs10283629	<i>IFNW1,IFNA21</i>	0.73	0.55 - 1.02	0.048
22	23.836 - 23.836	rs713989	rs713989	<i>LOC100128531</i>	0.73	0.54 - 1	0.048
10	1.774 - 2.032	rs6560767	rs1414129	<i>ADARB2,LINC00700</i>	1.32	0.95 - 1.67	0.048
9	37.076 - 37.077	rs2279557	rs2279556	<i>LOC100506710</i>	0.73	0.54 - 1	0.048
9	37.082 - 37.098	rs7872067	rs13293339	<i>LOC100506710,ZCCHC7</i>	0.73	0.54 - 1	0.048
9	37.115 - 37.344	rs12376809	rs7043792	<i>ZCCHC7</i>	0.73	0.54 - 1	0.048
17	72.384 - 72.459	rs16969378	rs11869025	<i>MGAT5B</i>	1.31	0.99 - 1.68	0.049
21	25.679 - 25.719	rs2829719	rs2829746	<i>LINC00158</i>	1.33	1 - 1.76	0.049
3	141.770 - 141.863	rs6799764	rs9881950	<i>CLSTN2,TRIM42</i>	1.31	0.99 - 1.68	0.049
9	21.181 - 21.186	rs7849862	rs7856345	<i>IFNA4,IFNA7</i>	0.73	0.54 - 1	0.049
9	21.204 - 21.204	rs2015345	rs2015345	<i>IFNA10,IFNA16</i>	0.73	0.54 - 1	0.049
12	52.662 - 52.662	rs12422555	rs12422555	<i>HOXC11,HOXC10</i>	1.32	1 - 1.75	0.049
12	52.672 - 52.672	rs17105765	rs17105765	<i>MIR196A2</i>	1.32	1 - 1.75	0.049
9	35.757 - 35.778	rs10758321	rs2145923	<i>MSMP,NPR2</i>	0.73	0.57 - 1.04	0.049
3	129.032 - 129.121	rs6774667	rs16838982	<i>MGLL,KBTBD12</i>	1.32	1 - 1.74	0.049
17	70.045 - 70.046	rs4788844	rs11654726	<i>CD300LB,CD300C</i>	1.31	1 - 1.7	0.049
17	70.050 - 70.050	rs7215318	rs7215318	<i>CD300C</i>	1.31	1 - 1.7	0.049
11	2.112 - 2.113	rs734351	rs3213219	<i>IGF2</i>	0.74	0.54 - 1	0.049
11	2.128 - 2.130	rs10840442	rs7924316	<i>INS-IGF2</i>	0.74	0.54 - 1	0.049
1	17.564 - 17.567	rs12096509	rs1204890	<i>PADI4,PADI6</i>	1.32	1 - 1.73	0.049
9	21.406 - 21.428	rs10964985	rs1332190	<i>IFNA8,IFNA1</i>	0.73	0.54 - 1	0.049
9	21.161 - 21.168	rs10964878	rs1477479	<i>IFNA21,IFNA4</i>	0.73	0.54 - 1	0.049
3	128.401 - 128.519	rs13072909	rs6439059	<i>C3orf56,RP11-88I21.2</i>	1.31	0.98 - 1.7	0.049
9	21.222 - 21.228	rs7868334	rs10116540	<i>IFNA17,IFNA14</i>	0.73	0.54 - 1	0.049
2	138.975 - 139.020	rs13405108	rs13004492	<i>SPOPL</i>	1.31	1 - 1.71	0.049
15	23.060 - 23.060	rs2739811	rs11858802	<i>SNORD115-45</i>	0.74	0.55 - 1	0.049
15	23.073 - 23.073	rs17115431	rs17115431	<i>SNORD109A,SNORD109B</i>	0.74	0.55 - 1	0.049
17	69.296 - 69.298	rs2883087	rs7221278	<i>AC125421.1,LINC00469</i>	1.31	1 - 1.71	0.049
4	78.218 - 78.294	rs4557282	rs6826342	<i>CCNI,CCNG2</i>	0.74	0.55 - 1	0.049

Table S6. Local European Ancestry (LEA) regions associated with CVD composite among African Americans from the Atherosclerosis Risk in Communities study (ARIC).

Chromo	some	Gene region (Mb)	First SNP	Last SNP	Gene	Odds ratio	95% CI	p
4		166.242 - 166.250	rs12642069	rs17045969	<i>TMEM192</i>	1.53	1.21 - 1.91	3.04E-04
4		166.264 - 166.332	rs12501259	rs4605609	<i>TMEM192, KLHL2</i>	1.53	1.21 - 1.92	3.04E-04
4		168.398 - 169.248	rs17600543	rs6845007	<i>TES-3, ANXA10</i>	1.50	1.17 - 1.83	3.32E-04
4		166.173 - 166.176	rs12511595	rs13111010	<i>TRIM60</i>	1.52	1.21 - 1.91	3.49E-04
4		166.187 - 166.214	rs11930759	rs4554024	<i>TRIM60, TMEM192</i>	1.52	1.21 - 1.91	3.49E-04
4		166.122 - 166.167	rs7693977	rs6847301	<i>TRIM61, TRIM60</i>	1.51	1.19 - 1.88	4.09E-04
4		169.255 - 169.334	rs10440504	rs41339946	<i>ANXA10</i>	1.50	1.2 - 1.87	4.19E-04
4		169.395 - 169.471	rs6552559	rs6846811	<i>DDX60</i>	1.49	1.19 - 1.86	5.19E-04
4		169.357 - 169.370	rs13108899	rs9685866	<i>ANXA10, DDX60</i>	1.49	1.19 - 1.86	5.56E-04
4		166.112 - 166.117	rs10517825	rs7673304	<i>TRIM61</i>	1.50	1.18 - 1.87	5.63E-04
4		165.903 - 165.941	rs17045455	rs9999138	<i>LINC01207</i>	1.50	1.18 - 1.87	5.76E-04
4		169.480 - 169.485	rs605593	rs588919	<i>DDX60, DDX60L</i>	1.48	1.18 - 1.85	6.12E-04
4		165.534 - 165.880	rs3899632	rs4280690	<i>MARCH1, LINC01207</i>	1.49	1.14 - 1.81	6.66E-04
4		164.308 - 164.453	rs7670843	rs12645448	<i>NAF1, NPY1R</i>	1.49	1.18 - 1.87	6.82E-04
4		169.515 - 169.635	rs496945	rs2634959	<i>DDX60L</i>	1.47	1.18 - 1.84	6.90E-04
4		164.268 - 164.307	rs11100481	rs12331663	<i>NAF1</i>	1.49	1.18 - 1.86	7.12E-04
4		166.017 - 166.031	rs2068792	rs13144179	<i>APELA</i>	1.48	1.18 - 1.86	7.18E-04
4		166.073 - 166.081	rs17487295	rs4443238	<i>APELA, TRIM61</i>	1.48	1.18 - 1.87	7.18E-04
4		166.646 - 167.012	rs1530044	rs719753	<i>CPE, TLL1</i>	1.47	1.15 - 1.81	7.32E-04
4		167.892 - 168.390	rs3762244	rs7657608	<i>TES-3</i>	1.47	1.15 - 1.8	7.43E-04
4		163.306 - 164.258	rs13113862	rs10019236	<i>FSTL5, NAF1</i>	1.48	1.07 - 1.68	7.55E-04
4		165.945 - 166.016	rs17045582	rs17045712	<i>LINC01207, APELA</i>	1.48	1.18 - 1.86	7.59E-04
4		164.470 - 164.470	rs7687423	rs7687423	<i>NPY1R</i>	1.48	1.18 - 1.86	7.64E-04
4		164.474 - 164.482	rs6536720	rs4475104	<i>NPY1R, NPY5R</i>	1.48	1.18 - 1.86	7.64E-04
4		164.488 - 164.488	rs7679206	rs7679206	<i>NPY5R</i>	1.48	1.18 - 1.86	7.64E-04
4		164.507 - 164.604	rs10031046	rs7657407	<i>NPY5R, TKTL2</i>	1.48	1.18 - 1.86	7.64E-04
9		133.727 - 133.933	rs2987405	rs9411340	<i>MED27</i>	0.63	0.49 - 0.84	7.78E-04
9		133.981 - 134.022	rs10122864	rs1412076	<i>MED27, NTNG2</i>	0.63	0.48 - 0.83	7.90E-04
9		36.823 - 37.024	rs11998791	rs3758180	<i>PAX5</i>	0.65	0.53 - 0.87	8.26E-04
4		166.376 - 166.432	rs17842699	rs4588420	<i>KLHL2</i>	1.47	1.17 - 1.84	8.44E-04
4		166.418 - 166.418	rs10016586	rs10016586	<i>GK3P</i>	1.47	1.17 - 1.85	8.44E-04
4		166.472 - 166.482	rs17686351	rs1059209	<i>MSMO1</i>	1.47	1.17 - 1.85	8.44E-04
4		166.485 - 166.513	rs6817186	rs7666557	<i>MSMO1, CPE</i>	1.47	1.17 - 1.85	8.44E-04
4		169.654 - 170.085	rs2710835	rs1071738	<i>PALLD</i>	1.46	1.16 - 1.8	8.47E-04
9		129.936 - 129.949	rs4837247	rs10987895	<i>PTGES2-AS1, LCN2</i>	0.63	0.5 - 0.85	9.00E-04
4		170.111 - 170.137	rs13116548	rs2331450	<i>PALLD, CBR4</i>	1.46	1.17 - 1.82	9.02E-04
9		129.964 - 129.964	rs2417073	rs2900262	<i>C9orf16</i>	0.63	0.48 - 0.83	9.45E-04
4		170.160 - 170.162	rs1870306	rs11722048	<i>CBR4</i>	1.46	1.16 - 1.82	9.91E-04
9		134.032 - 134.104	rs883318	rs2274853	<i>NTNG2</i>	0.64	0.5 - 0.85	0.001
4		166.524 - 166.639	rs6855889	rs17046561	<i>CPE</i>	1.46	1.16 - 1.82	0.001
9		129.790 - 129.848	rs7868260	rs10819341	<i>FAM102A, NAIF1</i>	0.64	0.49 - 0.84	0.001
4		167.246 - 167.889	rs1391335	rs11943562	<i>TLL1, TES-3</i>	1.46	1.15 - 1.81	0.001
4		169.641 - 169.651	rs2712126	rs6819953	<i>DDX60L, PALLD</i>	1.44	1.16 - 1.8	0.001
9		129.430 - 129.495	rs10987706	rs12171699	<i>STXBPI</i>	0.64	0.49 - 0.84	0.001
9		129.237 - 129.242	rs7853047	rs7859457	<i>ZNF79</i>	0.64	0.5 - 0.84	0.001
9		129.250 - 129.250	rs2247573	rs2247573	<i>RPL12</i>	0.64	0.49 - 0.84	0.001
9		129.255 - 129.297	rs2491101	rs2798429	<i>LRSAM1</i>	0.64	0.49 - 0.84	0.001
9		129.311 - 129.370	rs2244830	rs10118194	<i>FAM129B</i>	0.64	0.49 - 0.84	0.001
4		170.172 - 170.250	rs1458292	rs17626617	<i>CBR4, SH3RF1</i>	1.45	1.16 - 1.81	0.001
9		129.552 - 129.571	rs4837179	rs7037574	<i>SH2D3C</i>	0.65	0.49 - 0.84	0.001

9	129.585 - 129.585	rs1002095	rs7030861	<i>SH2D3C,MIR3960</i>	0.65	0.49 - 0.84	0.001
9	129.602 - 129.602	rs1544105	rs1544105	<i>CDK9,FPGS</i>	0.65	0.49 - 0.84	0.001
9	129.616 - 129.616	rs4451422	rs4451422	<i>ENG,FPGS</i>	0.65	0.49 - 0.84	0.001
9	129.621 - 129.650	rs10819309	rs4836584	<i>ENG</i>	0.65	0.49 - 0.84	0.001
9	129.501 - 129.503	rs7039658	rs7047461	<i>STXBP1,C9orf117</i>	0.65	0.49 - 0.84	0.001
9	129.514 - 129.514	rs522328	rs522328	<i>C9orf117</i>	0.65	0.49 - 0.84	0.001
9	129.531 - 129.532	rs553083	rs6478794	<i>TTC16</i>	0.65	0.49 - 0.84	0.001
9	129.537 - 129.537	rs1999224	rs1999224	<i>TOR2A</i>	0.65	0.49 - 0.84	0.001
9	129.668 - 129.668	rs913987	rs913987	<i>AKI</i>	0.65	0.5 - 0.84	0.001
9	129.703 - 129.703	rs2417061	rs2417061	<i>ST6GALNAC6</i>	0.65	0.5 - 0.84	0.001
9	133.616 - 133.723	rs4740183	rs7036013	<i>RAPGEF1,MED27</i>	0.65	0.52 - 0.88	0.001
4	167.018 - 167.241	rs6821864	rs2279724	<i>TLL1</i>	1.45	1.15 - 1.79	0.001
9	129.074 - 129.182	rs2812294	rs10819283	<i>GARNL3</i>	0.65	0.5 - 0.85	0.001
9	129.208 - 129.209	rs10987637	rs6635	<i>SLC2A8</i>	0.65	0.5 - 0.84	0.001
9	129.214 - 129.214	rs7047760	rs7047760	<i>SLC2A8,ZNF79</i>	0.65	0.5 - 0.84	0.001
9	124.041 - 124.066	rs7033538	rs7034992	<i>RBM18</i>	0.66	0.52 - 0.86	0.001
9	123.945 - 123.957	rs4147660	rs10818639	<i>NDUFA8</i>	0.66	0.51 - 0.85	0.001
9	123.964 - 124.000	rs10985554	rs7030904	<i>MORN5</i>	0.66	0.51 - 0.85	0.001
4	170.257 - 170.423	rs2706744	rs4692702	<i>SH3RF1</i>	1.44	1.15 - 1.8	0.001
9	129.862 - 129.867	rs7875644	rs10760528	<i>NAIFI</i>	0.65	0.5 - 0.85	0.001
9	129.884 - 129.911	rs7036499	rs10760539	<i>SLC25A25</i>	0.65	0.5 - 0.85	0.001
9	129.913 - 129.913	rs4837240	rs4837240	<i>RP11-395P17.3</i>	0.65	0.5 - 0.85	0.001
9	129.742 - 129.775	rs3824527	rs7865476	<i>FAM102A</i>	0.65	0.5 - 0.85	0.001
9	123.926 - 123.944	rs2416855	rs7030059	<i>MIR4478,NDUFA8</i>	0.66	0.52 - 0.87	0.002
9	129.710 - 129.713	rs1127024	rs3780668	<i>ST6GALNAC4</i>	0.65	0.5 - 0.85	0.002
9	129.737 - 129.741	rs6781	rs3824528	<i>DPM2</i>	0.65	0.5 - 0.85	0.002
9	128.724 - 129.022	rs11787970	rs7040276	<i>RALGPS1</i>	0.65	0.51 - 0.87	0.002
9	124.095 - 124.116	rs16911600	rs10818680	<i>MRRF</i>	0.66	0.51 - 0.86	0.002
9	129.042 - 129.062	rs7019618	rs7857422	<i>RALGPS1,GARNL3</i>	0.65	0.5 - 0.85	0.002
4	149.594 - 151.212	rs6535607	rs4835618	<i>NR3C2,DCLK2</i>	1.44	1.07 - 1.69	0.002
9	124.178 - 124.195	rs7866582	rs10306187	<i>PTGS1</i>	0.66	0.51 - 0.86	0.002
9	124.140 - 124.171	rs871368	rs10306109	<i>MRRF,PTGS1</i>	0.66	0.51 - 0.86	0.002
9	129.932 - 129.932	rs7047254	rs7047254	<i>PTGES2-AS1</i>	0.65	0.5 - 0.85	0.002
9	37.035 - 37.056	rs4483247	rs10973184	<i>PAX5,LOC100506710</i>	0.67	0.52 - 0.86	0.002
9	125.193 - 125.731	rs2491351	rs7872162	<i>DENND1A</i>	0.66	0.53 - 0.88	0.002
9	124.005 - 124.025	rs10985563	rs10818652	<i>LHX6</i>	0.66	0.52 - 0.86	0.002
9	124.032 - 124.033	rs3808901	rs7849627	<i>LHX6,RBM18</i>	0.66	0.52 - 0.86	0.002
9	128.894 - 128.894	rs2297866	rs2297866	<i>ANGPTL2</i>	0.65	0.5 - 0.85	0.002
9	128.905 - 128.905	rs11792699	rs11792699	<i>ANGPTL2,RALGPS1</i>	0.65	0.5 - 0.85	0.002
9	133.409 - 133.439	rs6597505	rs11243436	<i>UCK1,RAPGEF1</i>	0.65	0.5 - 0.85	0.002
9	133.204 - 133.292	rs522464	rs2994046	<i>PPAPDC3,PRRC2B</i>	0.65	0.51 - 0.88	0.002
9	133.298 - 133.364	rs4740238	rs3739501	<i>PRRC2B</i>	0.65	0.5 - 0.85	0.002
9	133.371 - 133.378	rs10448341	rs7865761	<i>POMT1</i>	0.65	0.5 - 0.85	0.002
4	164.665 - 165.498	rs17576350	rs12506846	<i>MARCH1</i>	1.44	1.13 - 1.79	0.002
9	123.420 - 123.798	rs10217648	rs4837933	<i>MIR548AA1,MIR548D1</i>	0.67	0.53 - 0.88	0.002
6	18.681 - 19.939	rs760827	rs12528525	<i>MIR548A1,ID4</i>	1.42	1.12 - 1.75	0.002
9	36.679 - 36.805	rs10511930	rs1176842	<i>MELK,MIR4475</i>	0.68	0.54 - 0.89	0.002
9	124.203 - 124.276	rs12004500	rs1888942	<i>PTGS1,OR1J1</i>	0.67	0.52 - 0.86	0.002
9	130.007 - 130.050	rs3003570	rs2302425	<i>DNM1</i>	0.66	0.51 - 0.87	0.002
9	36.814 - 36.814	rs7848675	rs7848675	<i>MIR4475</i>	0.68	0.53 - 0.87	0.002
9	36.817 - 36.821	rs1410012	rs2851697	<i>MIR4475,PAX5</i>	0.68	0.53 - 0.87	0.002
16	69.501 - 69.742	rs11860140	rs13331166	<i>HYDIN2</i>	1.41	1.12 - 1.74	0.002
16	70.767 - 71.358	rs9936642	rs8044476	<i>PMFBP1,ZFH3</i>	1.40	1.12 - 1.72	0.002
9	130.058 - 130.073	rs4734	rs7039396	<i>GOLGA2</i>	0.66	0.5 - 0.86	0.002
9	123.904 - 123.920	rs12551572	rs7020820	<i>TLL11,MIR4478</i>	0.67	0.53 - 0.88	0.002
9	133.446 - 133.603	rs13287332	rs11243497	<i>RAPGEF1</i>	0.66	0.51 - 0.86	0.002

16	70.161 - 70.161	rs13339247	rs13339247	<i>RP11-43215.1</i>	1.40	1.13 - 1.73	0.002
16	70.169 - 70.212	rs3829537	rs4788548	<i>TAT,MARVELD3</i>	1.40	1.13 - 1.73	0.002
16	69.175 - 69.240	rs11643373	rs9933834	<i>IL34</i>	1.40	1.12 - 1.73	0.002
4	151.224 - 151.385	rs11099754	rs1531335	<i>DCLK2</i>	1.42	1.12 - 1.77	0.002
9	130.088 - 130.088	rs2240956	rs2240956	<i>SWI5</i>	0.66	0.51 - 0.86	0.002
9	130.097 - 130.097	rs1468648	rs1468648	<i>SWI5,TRUB2</i>	0.66	0.51 - 0.86	0.002
9	130.127 - 130.127	rs16930351	rs2270203	<i>COQ4</i>	0.66	0.51 - 0.86	0.002
9	130.173 - 130.173	rs2286815	rs2286814	<i>URM1</i>	0.66	0.51 - 0.86	0.002
16	70.064 - 70.072	rs8044168	rs16973235	<i>ZNF19</i>	1.40	1.12 - 1.73	0.002
16	70.089 - 70.109	rs9935426	rs16973288	<i>ZNF19,CHST4</i>	1.40	1.13 - 1.73	0.002
16	70.131 - 70.153	rs7194638	rs172649	<i>CHST4,RP11-43215.1</i>	1.40	1.13 - 1.73	0.002
9	38.069 - 38.378	rs1999095	rs7031628	<i>SHB,ALDH1B1</i>	0.69	0.55 - 0.9	0.002
9	123.921 - 123.922	rs10116346	rs6478558	<i>MIR4478</i>	0.68	0.52 - 0.87	0.002
16	69.952 - 69.966	rs11863110	rs6499515	<i>CALB2</i>	1.40	1.11 - 1.72	0.002
16	69.984 - 70.036	rs7200566	rs16972808	<i>CALB2,ZNF23</i>	1.40	1.13 - 1.74	0.002
4	164.612 - 164.612	rs11735477	rs11735477	<i>TKTL2</i>	1.43	1.13 - 1.79	0.002
4	164.629 - 164.630	rs1073547	rs10034495	<i>TKTL2,TMA16</i>	1.43	1.13 - 1.79	0.002
4	164.635 - 164.655	rs2276978	rs12500221	<i>TMA16</i>	1.43	1.13 - 1.79	0.002
16	71.754 - 71.976	rs4788495	rs11648080	<i>C16orf47,RP11-140I24.</i>	1.39	1.1 - 1.69	0.003
16	71.978 - 72.012	rs8052830	rs1055165	<i>RP11-140I24.1</i>	1.39	1.12 - 1.71	0.003
16	72.019 - 72.757	rs11149790	rs7190082	<i>RP11-140I24.1,AC00912</i>	1.39	1.12 - 1.72	0.003
9	124.430 - 124.431	rs1476858	rs1536928	<i>OR1B1</i>	0.67	0.54 - 0.89	0.003
16	70.055 - 70.062	rs2303788	rs2052873	<i>ZNF23,ZNF19</i>	1.39	1.12 - 1.73	0.003
9	124.479 - 124.521	rs16912107	rs41391247	<i>OR1L3,OR1L4</i>	0.68	0.52 - 0.87	0.003
9	124.538 - 124.546	rs16912163	rs6478571	<i>OR1L4,OR1L6</i>	0.68	0.52 - 0.87	0.003
9	124.557 - 124.585	rs2416894	rs7860269	<i>OR1L6,OR5C1</i>	0.68	0.52 - 0.87	0.003
9	124.596 - 124.600	rs2535741	rs12340699	<i>OR5C1,OR1K1</i>	0.68	0.52 - 0.87	0.003
9	124.605 - 124.613	rs16912237	rs11790713	<i>OR1K1,PDCL</i>	0.68	0.52 - 0.87	0.003
9	124.646 - 124.646	rs12981	rs12981	<i>PDCL,RC3H2</i>	0.68	0.52 - 0.87	0.003
16	69.887 - 69.948	rs16970994	rs9940507	<i>CMTR2,CALB2</i>	1.40	1.11 - 1.72	0.003
16	70.541 - 70.588	rs1549292	rs9938539	<i>PKDIL3</i>	1.39	1.11 - 1.71	0.003
16	70.592 - 70.594	rs7185407	rs4788454	<i>PKDIL3,DHODH</i>	1.39	1.12 - 1.72	0.003
16	70.602 - 70.616	rs2878404	rs2287998	<i>DHODH</i>	1.39	1.12 - 1.72	0.003
4	158.721 - 159.262	rs6536256	rs10517686	<i>RP11-364P22.1,FAM198B</i>	1.40	1.11 - 1.73	0.003
9	130.225 - 130.233	rs2072400	rs1009850	<i>CERCAM</i>	0.66	0.51 - 0.87	0.003
9	130.241 - 130.254	rs4837264	rs7854268	<i>CERCAM,ODF2</i>	0.66	0.51 - 0.87	0.003
9	124.280 - 124.280	rs10818700	rs10818700	<i>OR1J1</i>	0.68	0.53 - 0.87	0.003
9	124.288 - 124.308	rs12001979	rs7864438	<i>OR1J1,OR1J2</i>	0.68	0.53 - 0.87	0.003
9	124.466 - 124.466	rs7028540	rs7028540	<i>OR1L1,OR1L3</i>	0.68	0.52 - 0.87	0.003
9	124.477 - 124.477	rs16912099	rs16912099	<i>OR1L3</i>	0.68	0.52 - 0.87	0.003
16	69.408 - 69.809	rs6416701	rs6499490	<i>HYDIN</i>	1.40	1.12 - 1.73	0.003
5	36.291 - 36.332	rs6451268	rs16902936	<i>RANBP3L</i>	1.41	1.11 - 1.74	0.003
16	70.679 - 70.679	rs10492813	rs10492813	<i>TXNL4B</i>	1.39	1.12 - 1.72	0.003
16	70.695 - 70.705	rs2240243	rs6499560	<i>DHX38</i>	1.39	1.12 - 1.72	0.003
16	70.711 - 70.758	rs8050238	rs3909541	<i>PMFBP1</i>	1.39	1.12 - 1.72	0.003
4	171.264 - 172.177	rs6822866	rs6819553	<i>AADAT,RP11-344G13.1</i>	1.40	1.12 - 1.75	0.003
9	129.989 - 129.989	rs10987913	rs10987913	<i>CIZ1</i>	0.67	0.51 - 0.87	0.003
9	124.440 - 124.462	rs16912015	rs237617	<i>OR1B1,OR1L1</i>	0.68	0.52 - 0.87	0.003
9	124.316 - 124.316	rs41364150	rs12349388	<i>OR1J2,OR1J4</i>	0.68	0.53 - 0.88	0.003
9	130.217 - 130.217	rs10123744	rs10123744	<i>MIR219-2,CERCAM</i>	0.66	0.51 - 0.87	0.003
9	128.689 - 128.709	rs3120029	rs7859816	<i>ZBTB34,RALGPS1</i>	0.67	0.51 - 0.87	0.003
16	68.358 - 68.533	rs11075734	rs875011	<i>WWP2</i>	1.39	1.11 - 1.71	0.003
16	68.846 - 68.863	rs7205918	rs16970361	<i>AARS</i>	1.39	1.12 - 1.73	0.003
16	68.886 - 68.908	rs7189535	rs7195567	<i>DDX19B</i>	1.39	1.12 - 1.73	0.003
16	68.926 - 68.928	rs12325419	rs35904382	<i>LOC100506083</i>	1.39	1.12 - 1.73	0.003
16	68.940 - 68.951	rs7200034	rs7189474	<i>DDX19A</i>	1.39	1.12 - 1.73	0.003

16	69.011 - 69.016	rs9921696	rs16970165	<i>ST3GAL2</i>	1.39	1.12 - 1.73	0.003
16	69.035 - 69.035	rs6499314	rs6499314	<i>ST3GAL2,FUK</i>	1.39	1.12 - 1.73	0.003
16	69.048 - 69.069	rs13335135	rs8049316	<i>FUK</i>	1.39	1.12 - 1.73	0.003
16	69.088 - 69.106	rs2303792	rs8057610	<i>COG4</i>	1.39	1.12 - 1.73	0.003
16	70.635 - 70.635	rs16973636	rs16973636	<i>DHODH,HP</i>	1.39	1.12 - 1.72	0.003
16	70.670 - 70.673	rs2550035	rs8059437	<i>HPR,TXNL4B</i>	1.39	1.12 - 1.72	0.003
9	37.793 - 37.848	rs966494	rs16934508	<i>DCAF10</i>	0.69	0.54 - 0.88	0.003
4	171.221 - 171.246	rs4145964	rs991247	<i>AADAT</i>	1.40	1.11 - 1.74	0.003
16	70.043 - 70.053	rs9940204	rs8051212	<i>ZNF23</i>	1.39	1.12 - 1.73	0.003
9	123.368 - 123.415	rs1768730	rs2777316	<i>DAB2IP</i>	0.68	0.53 - 0.88	0.003
16	69.280 - 69.391	rs4985416	rs9931380	<i>VAC14</i>	1.39	1.12 - 1.73	0.003
16	69.393 - 69.393	rs7202363	rs7202363	<i>VAC14,HYDIN</i>	1.39	1.12 - 1.73	0.003
9	124.464 - 124.464	rs70157	rs70157	<i>OR1L1</i>	0.68	0.53 - 0.88	0.003
9	124.656 - 124.682	rs1375862	rs2251495	<i>RC3H2</i>	0.68	0.53 - 0.88	0.003
9	124.717 - 124.717	rs10818762	rs10818762	<i>ZBTB6,ZBTB26</i>	0.68	0.53 - 0.88	0.003
6	18.582 - 18.675	rs1951904	rs41448944	<i>RNF144B,MIR548A1</i>	1.40	1.1 - 1.71	0.003
6	18.679 - 18.679	rs1569531	rs1569531	<i>MIR548A1</i>	1.40	1.12 - 1.75	0.003
9	124.744 - 124.904	rs7032485	rs1971692	<i>RABGAP1</i>	0.68	0.53 - 0.88	0.003
9	125.077 - 125.153	rs10818801	rs10985976	<i>STRBP,CRB2</i>	0.68	0.53 - 0.88	0.003
9	37.640 - 37.733	rs7021824	rs12551499	<i>FRMPD1</i>	0.69	0.55 - 0.89	0.003
9	37.739 - 37.739	rs10511944	rs10511944	<i>FRMPD1,TRMT10B</i>	0.69	0.54 - 0.88	0.003
9	37.745 - 37.765	rs10814618	rs4878174	<i>TRMT10B</i>	0.69	0.54 - 0.88	0.003
9	37.771 - 37.772	rs3827515	rs10973540	<i>EXOSC3</i>	0.69	0.54 - 0.88	0.003
9	37.778 - 37.789	rs10973545	rs7049213	<i>EXOSC3,DCAF10</i>	0.69	0.54 - 0.88	0.003
16	69.346 - 69.364	rs16970498	rs4985364	<i>VAC14-AS1</i>	1.39	1.12 - 1.73	0.003
4	171.143 - 171.181	rs17055345	rs12646523	<i>MFAP3L</i>	1.40	1.1 - 1.71	0.003
4	171.195 - 171.202	rs7657455	rs12647236	<i>MFAP3L,AADAT</i>	1.40	1.12 - 1.75	0.003
9	123.304 - 123.366	rs10985277	rs6478519	<i>GGTA1P,DAB2IP</i>	0.69	0.54 - 0.9	0.003
9	123.672 - 123.894	rs16911064	rs10120546	<i>TLL1</i>	0.68	0.53 - 0.88	0.003
9	37.917 - 38.052	rs12000263	rs12351815	<i>SHB</i>	0.69	0.54 - 0.89	0.003
16	69.141 - 69.169	rs11075770	rs16970331	<i>SF3B3</i>	1.39	1.12 - 1.73	0.003
9	132.812 - 132.867	rs11244207	rs7044266	<i>FIBCD1,LAMC3</i>	0.67	0.51 - 0.88	0.003
21	19.062 - 21.033	rs2825080	rs7283057	<i>AL109763.2,LINC00320</i>	1.41	1.12 - 1.77	0.003
9	125.159 - 125.172	rs2808416	rs7034379	<i>CRB2</i>	0.68	0.53 - 0.88	0.003
9	124.322 - 124.322	rs1318392	rs10985667	<i>OR1J4</i>	0.68	0.53 - 0.88	0.003
9	124.324 - 124.324	rs16911861	rs16911861	<i>OR1J4,OR1N1</i>	0.68	0.53 - 0.88	0.003
9	124.329 - 124.329	rs10818708	rs10818708	<i>OR1N1</i>	0.68	0.53 - 0.88	0.003
9	124.340 - 124.353	rs10818713	rs7026744	<i>OR1N1,OR1N2</i>	0.68	0.53 - 0.88	0.003
9	124.357 - 124.368	rs10760239	rs4836897	<i>OR1N2,OR1L8</i>	0.68	0.53 - 0.88	0.003
9	128.641 - 128.659	rs7021197	rs10987505	<i>ZBTB43,ZBTB34</i>	0.67	0.52 - 0.88	0.003
16	69.257 - 69.261	rs11639579	rs12921898	<i>MTSS1L</i>	1.39	1.12 - 1.73	0.003
21	17.908 - 18.057	rs928248	rs2824482	<i>BTG3,C21orf91-OT1</i>	1.41	1.1 - 1.73	0.003
9	124.370 - 124.371	rs1999183	rs1934924	<i>OR1L8</i>	0.68	0.53 - 0.88	0.003
9	124.921 - 124.921	rs803732	rs803732	<i>MIR600HG,STRBP</i>	0.68	0.53 - 0.88	0.003
9	124.928 - 125.058	rs7044347	rs10985915	<i>STRBP</i>	0.68	0.53 - 0.88	0.003
9	132.590 - 132.747	rs11244112	rs3808814	<i>ABL1</i>	0.66	0.52 - 0.89	0.003
4	158.516 - 158.710	rs11100102	rs1490514	<i>GRIA2,RP11-364P22.1</i>	1.39	1.1 - 1.72	0.003
9	124.725 - 124.734	rs10985822	rs1868589	<i>ZBTB26</i>	0.68	0.53 - 0.88	0.003
9	124.741 - 124.741	rs3758332	rs3758332	<i>ZBTB26,RABGAP1</i>	0.68	0.53 - 0.88	0.003
4	155.970 - 156.347	rs409891	rs10212938	<i>RBM46,NPY2R</i>	1.40	1.08 - 1.69	0.003
9	132.876 - 132.958	rs7048292	rs752929	<i>LAMC3</i>	0.67	0.51 - 0.88	0.003
9	124.908 - 124.910	rs803716	rs700085	<i>RABGAP1,MIR600HG</i>	0.68	0.53 - 0.88	0.003
4	157.112 - 157.886	rs966415	rs17035150	<i>CTSO,PDGFC</i>	1.39	1.09 - 1.7	0.003
10	15.600 - 15.794	rs921479	rs11575603	<i>ITGA8</i>	1.38	1.09 - 1.67	0.003
10	15.804 - 15.850	rs2487488	rs11253637	<i>ITGA8,FAM188A</i>	1.38	1.11 - 1.71	0.003
5	37.789 - 37.841	rs2366673	rs11748343	<i>WDR70,GDNF</i>	1.39	1.11 - 1.74	0.003

9	128.505 - 128.594	rs867559	rs1536861	<i>LMX1B,ZBTB43</i>	0.67	0.54 - 0.91	0.003
9	128.606 - 128.640	rs1360139	rs1874777	<i>ZBTB43</i>	0.67	0.52 - 0.88	0.003
5	36.072 - 36.103	rs10038804	rs16902708	<i>UGT3A2</i>	1.40	1.11 - 1.73	0.003
5	36.105 - 36.129	rs2197513	rs33614	<i>UGT3A2,LMBRD2</i>	1.40	1.12 - 1.75	0.003
16	68.061 - 68.144	rs8053238	rs9925037	<i>CYB5B,MIR1538</i>	1.38	1.09 - 1.69	0.004
9	36.566 - 36.662	rs12346671	rs6476569	<i>MELK</i>	0.69	0.55 - 0.9	0.004
9	133.147 - 133.152	rs10901364	rs17147692	<i>FAM78A,PPAPDC3</i>	0.67	0.51 - 0.88	0.004
5	36.641 - 36.725	rs9292636	rs1529461	<i>SLCIA3</i>	1.39	1.08 - 1.68	0.004
5	36.736 - 36.884	rs1019770	rs158409	<i>SLCIA3,LOC646719</i>	1.39	1.11 - 1.74	0.004
16	70.223 - 70.227	rs979789	rs1345868	<i>MARVELD3</i>	1.38	1.11 - 1.71	0.004
16	70.236 - 70.313	rs3752681	rs11639902	<i>PHLPP2</i>	1.38	1.11 - 1.71	0.004
16	70.346 - 70.390	rs2036338	rs2334877	<i>APIG1</i>	1.38	1.11 - 1.71	0.004
16	70.417 - 70.427	rs6499542	rs8044342	<i>APIG1,ATXNIL</i>	1.38	1.11 - 1.71	0.004
16	70.450 - 70.459	rs9921383	rs17357420	<i>ZNF821</i>	1.38	1.11 - 1.71	0.004
16	70.480 - 70.480	rs2335710	rs2335710	<i>ZNF821,IST1</i>	1.38	1.11 - 1.71	0.004
16	70.486 - 70.515	rs11075908	rs7197486	<i>IST1</i>	1.38	1.11 - 1.71	0.004
21	18.114 - 18.128	rs10446073	rs2824504	<i>C21orf91,CHODL-AS1</i>	1.41	1.11 - 1.76	0.004
21	18.135 - 18.177	rs2824507	rs2824532	<i>CHODL-AS1</i>	1.41	1.12 - 1.77	0.004
5	37.436 - 37.786	rs6876447	rs13188890	<i>WDR70</i>	1.39	1.11 - 1.73	0.004
6	18.270 - 18.329	rs9477642	rs214506	<i>KDM1B</i>	1.39	1.11 - 1.74	0.004
16	68.162 - 68.292	rs12599391	rs11641233	<i>NFAT5</i>	1.38	1.11 - 1.71	0.004
16	68.302 - 68.308	rs1800566	rs2965753	<i>NQO1</i>	1.38	1.11 - 1.71	0.004
16	68.323 - 68.329	rs2917682	rs2965749	<i>NQO1,NOB1</i>	1.38	1.11 - 1.71	0.004
21	18.873 - 19.052	rs17002710	rs11702521	<i>AL109763.2</i>	1.41	1.08 - 1.71	0.004
16	69.837 - 69.864	rs767647	rs182910	<i>HYDIN,CMTR2</i>	1.38	1.11 - 1.72	0.004
16	69.873 - 69.874	rs11645087	rs6499496	<i>CMTR2</i>	1.38	1.11 - 1.72	0.004
9	132.458 - 132.494	rs7021782	rs11791149	<i>FUBP3</i>	0.67	0.52 - 0.89	0.004
6	18.496 - 18.576	rs9297069	rs7775169	<i>RNF144B</i>	1.39	1.1 - 1.71	0.004
9	37.879 - 37.894	rs2025439	rs7874361	<i>SLC25A51</i>	0.70	0.54 - 0.89	0.004
9	37.895 - 37.895	rs16934592	rs16934592	<i>SLC25A51,SHB</i>	0.70	0.54 - 0.89	0.004
9	133.158 - 133.175	rs2986608	rs541216	<i>PPAPDC3</i>	0.67	0.51 - 0.88	0.004
9	37.861 - 37.876	rs776024	rs10973596	<i>DCAF10,SLC25A51</i>	0.70	0.55 - 0.89	0.004
21	18.181 - 18.210	rs2824534	rs2824545	<i>CHODL-AS1,CHODL</i>	1.40	1.11 - 1.75	0.004
21	18.216 - 18.561	rs17002193	rs1051530	<i>CHODL</i>	1.40	1.12 - 1.76	0.004
9	124.372 - 124.411	rs7860446	rs1475541	<i>OR1L8,OR1Q1</i>	0.69	0.53 - 0.89	0.004
5	36.235 - 36.264	rs13174907	rs10079850	<i>NADK2</i>	1.39	1.11 - 1.74	0.004
5	36.281 - 36.281	rs7705858	rs7705858	<i>NADK2,RANBP3L</i>	1.39	1.11 - 1.74	0.004
5	36.179 - 36.179	rs267766	rs267766	<i>LMBRD2</i>	1.39	1.11 - 1.74	0.004
5	36.197 - 36.216	rs10070454	rs27130	<i>SKP2</i>	1.39	1.11 - 1.74	0.004
5	37.409 - 37.412	rs12109225	rs217838	<i>NUP155,WDR70</i>	1.39	1.11 - 1.73	0.004
4	156.830 - 156.864	rs10008284	rs9993460	<i>GUCY1A3</i>	1.39	1.1 - 1.72	0.004
5	36.923 - 37.088	rs158622	rs6868809	<i>NIPBL</i>	1.39	1.11 - 1.73	0.004
9	124.417 - 124.418	rs7470572	rs1329955	<i>OR1Q1</i>	0.69	0.53 - 0.89	0.004
6	17.503 - 17.664	rs1555111	rs4364474	<i>CAP2</i>	1.39	1.1 - 1.71	0.004
9	37.502 - 37.563	rs12237351	rs10758440	<i>FBXO10</i>	0.70	0.55 - 0.9	0.004
9	37.602 - 37.638	rs7867861	rs4490927	<i>TOMM5,FRMPD1</i>	0.70	0.55 - 0.89	0.004
16	71.396 - 71.647	rs12929452	rs8048267	<i>ZFH3</i>	1.37	1.1 - 1.69	0.004
5	37.111 - 37.111	rs6861906	rs6861906	<i>NIPBL,C5orf42</i>	1.38	1.11 - 1.73	0.004
5	37.163 - 37.269	rs301892	rs13177573	<i>C5orf42</i>	1.38	1.11 - 1.73	0.004
4	170.916 - 171.059	rs12507746	rs4627819	<i>C4orf27,RP11-205M3.3</i>	1.39	1.09 - 1.72	0.004
4	156.520 - 156.804	rs7673215	rs41483149	<i>MAP9,GUCY1A3</i>	1.39	1.1 - 1.72	0.004
9	133.105 - 133.120	rs352970	rs7022116	<i>NUP214,FAM78A</i>	0.67	0.52 - 0.88	0.004
9	133.126 - 133.126	rs352952	rs352952	<i>FAM78A</i>	0.67	0.52 - 0.88	0.004
9	126.316 - 126.316	rs12349577	rs12349577	<i>NR5A1,NR6A1</i>	0.68	0.53 - 0.89	0.004
21	18.087 - 18.089	rs2824493	rs2258119	<i>C21orf91</i>	1.40	1.11 - 1.76	0.004
4	158.712 - 158.712	rs1036342	rs1036342	<i>RP11-364P22.1</i>	1.38	1.11 - 1.73	0.004

9	115.682 - 115.857	rs16910261	rs10739401	<i>ZNF618</i>	0.69	0.54 - 0.89	0.004
5	37.317 - 37.321	rs9292651	rs7724176	<i>C5orf42,NUP155</i>	1.38	1.11 - 1.73	0.004
5	37.334 - 37.405	rs216400	rs12054703	<i>NUP155</i>	1.38	1.11 - 1.73	0.004
9	126.330 - 126.553	rs2095293	rs7025189	<i>NR6A1</i>	0.69	0.53 - 0.89	0.004
4	156.974 - 156.997	rs1968783	rs12647431	<i>ASIC5</i>	1.39	1.11 - 1.73	0.004
4	156.961 - 156.966	rs10032771	rs17033590	<i>GUCY1B3,ASIC5</i>	1.39	1.11 - 1.73	0.004
9	127.173 - 127.238	rs7026517	rs6478704	<i>GAPVDI,MAPKAP1</i>	0.68	0.54 - 0.9	0.004
9	132.047 - 132.300	rs7862226	rs7041914	<i>NCSI,ASS1</i>	0.68	0.52 - 0.89	0.004
6	16.884 - 17.208	rs649395	rs11969931	<i>ATXN1,STMND1</i>	1.38	1.06 - 1.66	0.004
6	17.869 - 18.082	rs9350058	rs2328176	<i>KIF13A</i>	1.38	1.1 - 1.72	0.004
9	134.278 - 134.426	rs4637976	rs17149284	<i>C9orf171</i>	0.68	0.54 - 0.91	0.004
9	115.402 - 115.676	rs17187621	rs6478042	<i>RGS3,ZNF618</i>	0.69	0.54 - 0.9	0.004
9	132.993 - 133.100	rs967174	rs12346002	<i>NUP214</i>	0.68	0.52 - 0.89	0.004
6	18.111 - 18.211	rs2820221	rs11968343	<i>KIF13A,NHLRC1</i>	1.38	1.11 - 1.73	0.004
6	17.419 - 17.500	rs1745070	rs2328099	<i>RBM24,CAP2</i>	1.38	1.1 - 1.72	0.004
9	132.975 - 132.985	rs353533	rs353514	<i>AIFIL</i>	0.68	0.52 - 0.89	0.004
9	124.425 - 124.425	rs10985737	rs10985737	<i>OR1Q1,OR1B1</i>	0.69	0.54 - 0.89	0.004
9	132.755 - 132.756	rs11244178	rs7866565	<i>ABL1,QRFP</i>	0.68	0.52 - 0.89	0.004
9	132.758 - 132.760	rs3847193	rs7865017	<i>QRFP</i>	0.68	0.52 - 0.89	0.004
5	35.991 - 36.037	rs10472268	rs6890283	<i>UGT3A1</i>	1.39	1.09 - 1.71	0.004
5	36.038 - 36.069	rs7715372	rs10063618	<i>UGT3A1,UGT3A2</i>	1.39	1.11 - 1.74	0.004
9	134.128 - 134.219	rs11795382	rs517076	<i>SETX</i>	0.68	0.52 - 0.89	0.004
4	170.779 - 170.871	rs12331279	rs2877448	<i>CLCN3</i>	1.39	1.11 - 1.73	0.004
9	127.771 - 128.122	rs2058850	rs492656	<i>PBX3,MVB12B</i>	0.68	0.54 - 0.91	0.004
6	18.239 - 18.253	rs9367980	rs11964408	<i>TPMT</i>	1.38	1.1 - 1.72	0.004
9	36.270 - 36.322	rs2182817	rs3739607	<i>GNE,RNF38</i>	0.70	0.55 - 0.91	0.004
9	37.354 - 37.411	rs10814520	rs10973329	<i>ZCCHC7,GRHPR</i>	0.70	0.55 - 0.9	0.005
9	132.557 - 132.557	rs4740358	rs4740358	<i>PRDM12,EXOSC2</i>	0.68	0.52 - 0.89	0.005
9	132.764 - 132.766	rs7866173	rs3857984	<i>QRFP,FIBCD1</i>	0.68	0.52 - 0.89	0.005
9	131.976 - 132.035	rs1017112	rs1054879	<i>NCSI</i>	0.68	0.53 - 0.9	0.005
9	37.481 - 37.489	rs10814556	rs7022491	<i>POLRIE</i>	0.70	0.55 - 0.9	0.005
16	71.655 - 71.681	rs8052905	rs8050909	<i>ZFH3,HCCAT5</i>	1.37	1.1 - 1.7	0.005
4	170.888 - 170.907	rs4692741	rs7690466	<i>C4orf27</i>	1.38	1.1 - 1.73	0.005
4	170.439 - 170.538	rs7683893	rs13152305	<i>SH3RF1,NEK1</i>	1.38	1.1 - 1.73	0.005
9	38.417 - 38.527	rs10973803	rs6476721	<i>IGFBPL1,FAM95C</i>	0.71	0.56 - 0.9	0.005
9	37.416 - 37.426	rs2768659	rs7867764	<i>GRHPR</i>	0.70	0.55 - 0.9	0.005
9	37.429 - 37.444	rs7022431	rs309444	<i>ZBTB5</i>	0.70	0.55 - 0.9	0.005
4	156.905 - 156.940	rs17033482	rs2305981	<i>GUCY1B3</i>	1.38	1.1 - 1.72	0.005
9	132.382 - 132.430	rs508609	rs7030440	<i>ASS1,LOC100272217</i>	0.68	0.53 - 0.9	0.005
4	170.551 - 170.740	rs13212	rs4342158	<i>NEK1</i>	1.38	1.1 - 1.73	0.005
4	170.772 - 170.776	rs10008853	rs11935607	<i>NEK1,CLCN3</i>	1.38	1.1 - 1.73	0.005
9	132.508 - 132.508	rs10793963	rs10793963	<i>FUBP3,PRDM12</i>	0.68	0.52 - 0.89	0.005
9	132.537 - 132.543	rs7851500	rs894241	<i>PRDM12</i>	0.68	0.52 - 0.89	0.005
16	71.684 - 71.684	rs9931941	rs9931941	<i>HCCAT5</i>	1.37	1.1 - 1.7	0.005
16	71.690 - 71.711	rs11640435	rs11075967	<i>HCCAT5,C16orf47</i>	1.37	1.1 - 1.7	0.005
9	37.076 - 37.077	rs2279557	rs2279556	<i>LOC100506710</i>	0.70	0.55 - 0.9	0.005
9	37.082 - 37.098	rs7872067	rs13293339	<i>LOC100506710,ZCCHC7</i>	0.70	0.55 - 0.9	0.005
9	37.115 - 37.344	rs12376809	rs7043792	<i>ZCCHC7</i>	0.70	0.55 - 0.9	0.005
4	156.882 - 156.891	rs7661771	rs4691073	<i>GUCY1A3,GUCY1B3</i>	1.38	1.1 - 1.72	0.005
9	127.239 - 127.509	rs1129	rs10986849	<i>MAPKAP1</i>	0.69	0.53 - 0.89	0.005
9	36.451 - 36.538	rs12377974	rs2050262	<i>RNF38,MELK</i>	0.70	0.55 - 0.9	0.005
9	123.183 - 123.255	rs2793265	rs10739597	<i>STOM,GGTA1P</i>	0.70	0.55 - 0.91	0.005
9	123.261 - 123.301	rs3816094	rs4837866	<i>GGTA1P</i>	0.70	0.54 - 0.9	0.005
9	132.767 - 132.788	rs10217294	rs3847198	<i>FIBCD1</i>	0.68	0.52 - 0.89	0.005
6	18.332 - 18.366	rs11200	rs172520	<i>DEK</i>	1.37	1.1 - 1.71	0.005
6	18.375 - 18.487	rs214568	rs9383378	<i>DEK,RNF144B</i>	1.37	1.1 - 1.71	0.005

9	38.396 - 38.412	rs10973789	rs1467575	<i>IGFBPL1</i>	0.71	0.56 - 0.9	0.005
10	14.612 - 14.857	rs7922221	rs6602765	<i>FAM107B</i>	1.36	1.09 - 1.68	0.005
9	36.341 - 36.386	rs10972865	rs2480455	<i>RNF38</i>	0.70	0.55 - 0.9	0.005
5	37.883 - 37.902	rs2973120	rs2910750	<i>GDNF,GDNF-AS1</i>	1.38	1.1 - 1.71	0.005
5	37.909 - 37.909	rs12519276	rs12519276	<i>GDNF-AS1</i>	1.38	1.1 - 1.72	0.005
5	37.913 - 38.289	rs12187498	rs6451378	<i>GDNF-AS1,EGFLAM</i>	1.38	1.1 - 1.72	0.005
9	38.384 - 38.386	rs7846941	rs4878199	<i>ALDH1B1</i>	0.71	0.56 - 0.9	0.005
9	38.389 - 38.395	rs7867383	rs4878203	<i>ALDH1B1,IGFBPL1</i>	0.71	0.56 - 0.9	0.005
9	130.276 - 130.281	rs12347774	rs4837271	<i>ODF2</i>	0.68	0.52 - 0.89	0.005
6	18.231 - 18.231	rs12199316	rs12199316	<i>NHLRC1</i>	1.37	1.1 - 1.72	0.005
4	156.369 - 156.470	rs2342653	rs10008006	<i>NPY2R,MAP9</i>	1.38	1.09 - 1.71	0.005
4	156.482 - 156.517	rs17032846	rs17032944	<i>MAP9</i>	1.38	1.1 - 1.72	0.005
4	146.703 - 146.758	rs9308190	rs2242370	<i>SMAD1,MMAA</i>	1.38	1.08 - 1.7	0.005
4	158.388 - 158.495	rs17035909	rs6536234	<i>GRIA2</i>	1.38	1.08 - 1.69	0.005
9	65.336 - 65.336	rs10908850	rs10908850	<i>SPATA31A5,PTGER4P2-CD</i>	0.71	0.55 - 0.9	0.005
9	70.177 - 70.336	rs12552820	rs265077	<i>PGM5</i>	0.71	0.56 - 0.91	0.005
9	132.443 - 132.443	rs4740196	rs4740196	<i>LOC100272217</i>	0.68	0.52 - 0.89	0.005
6	17.257 - 17.376	rs6925565	rs3886378	<i>STMND1,RBM24</i>	1.37	1.09 - 1.7	0.005
6	17.397 - 17.397	rs4716132	rs4716132	<i>RBM24</i>	1.37	1.1 - 1.72	0.005
9	125.735 - 125.810	rs7863362	rs10818907	<i>DENND1A,LHX2</i>	0.69	0.54 - 0.9	0.005
10	14.524 - 14.580	rs10906679	rs7899040	<i>MIR1265,FAM107B</i>	1.36	1.07 - 1.65	0.005
9	115.150 - 115.170	rs10981757	rs7857932	<i>BSPRY</i>	0.70	0.55 - 0.91	0.005
9	115.180 - 115.184	rs16933168	rs818702	<i>HDHD3,ALAD</i>	0.70	0.54 - 0.9	0.005
21	17.817 - 17.880	rs7283586	rs2824376	<i>CXADR</i>	1.39	1.1 - 1.73	0.005
9	132.315 - 132.357	rs4740158	rs634432	<i>ASS1</i>	0.68	0.53 - 0.9	0.005
4	157.012 - 157.043	rs2169108	rs10857287	<i>ASIC5,TDO2</i>	1.37	1.1 - 1.71	0.005
4	151.410 - 152.137	rs13134607	rs17027240	<i>LRBA</i>	1.38	1.1 - 1.73	0.005
9	115.188 - 115.199	rs7042485	rs818684	<i>ALAD</i>	0.70	0.55 - 0.9	0.005
9	125.826 - 125.831	rs10760307	rs10760309	<i>LHX2</i>	0.69	0.54 - 0.9	0.005
4	151.401 - 151.402	rs6850249	rs4696646	<i>DCLK2,LRBA</i>	1.38	1.1 - 1.73	0.006
9	128.133 - 128.309	rs529416	rs16929088	<i>MVB12B</i>	0.69	0.55 - 0.92	0.006
9	70.344 - 70.346	rs7861495	rs10869020	<i>TMEM252</i>	0.71	0.56 - 0.9	0.006
9	125.840 - 126.051	rs7860638	rs7024161	<i>LHX2,NEK6</i>	0.69	0.54 - 0.9	0.006
4	171.080 - 171.131	rs4076681	rs4622960	<i>RP11-205M3.3</i>	1.37	1.1 - 1.72	0.006
16	67.331 - 67.427	rs7196495	rs17690554	<i>CDHI</i>	1.36	1.08 - 1.68	0.006
9	126.773 - 126.926	rs2289631	rs7860360	<i>SCAI</i>	0.69	0.55 - 0.92	0.006
9	126.948 - 126.988	rs2113352	rs10986626	<i>PPP6C</i>	0.69	0.54 - 0.9	0.006
9	127.009 - 127.034	rs420423	rs7869876	<i>RABEPK</i>	0.69	0.54 - 0.9	0.006
9	127.037 - 127.037	rs12009	rs12009	<i>HSPA5</i>	0.69	0.54 - 0.9	0.006
9	127.087 - 127.139	rs359592	rs16928096	<i>GAPVD1</i>	0.69	0.54 - 0.9	0.006
9	134.590 - 134.734	rs306526	rs2809240	<i>AK8</i>	0.69	0.54 - 0.9	0.006
9	115.229 - 115.229	rs7048305	rs7048305	<i>C9orf43</i>	0.70	0.55 - 0.9	0.006
9	115.253 - 115.399	rs12338788	rs16906786	<i>RGS3</i>	0.70	0.55 - 0.9	0.006
5	35.658 - 35.847	rs10512625	rs4869674	<i>SPEF2</i>	1.37	1.08 - 1.69	0.006
9	38.616 - 38.866	rs10973939	rs368353	<i>FAM201A,CNTNAP3</i>	0.71	0.57 - 0.92	0.006
10	15.459 - 15.597	rs4750634	rs896435	<i>FAM171A1,ITGA8</i>	1.35	1.08 - 1.66	0.006
4	171.136 - 171.136	rs17055337	rs17055337	<i>RP11-205M3.3,MFAP3L</i>	1.37	1.1 - 1.71	0.006
5	37.849 - 37.868	rs17379771	rs3096140	<i>GDNF</i>	1.37	1.09 - 1.7	0.006
9	131.543 - 131.554	rs12004095	rs2241270	<i>PTGES</i>	0.69	0.53 - 0.9	0.006
9	131.557 - 131.592	rs10988496	rs9722212	<i>PTGES,TOR1B</i>	0.69	0.52 - 0.9	0.006
21	17.752 - 17.799	rs2824318	rs2776068	<i>C21orf37,CXADR</i>	1.38	1.09 - 1.72	0.006
6	17.818 - 17.862	rs6459562	rs7775447	<i>NUP153,KIF13A</i>	1.37	1.08 - 1.69	0.006
16	67.042 - 67.127	rs16957979	rs12925177	<i>SMPD3,ZFP90</i>	1.36	1.09 - 1.69	0.006
9	131.951 - 131.966	rs7851165	rs11789529	<i>GPR107,NCSI</i>	0.69	0.53 - 0.91	0.006
5	35.894 - 35.916	rs11567699	rs1389834	<i>IL7R</i>	1.37	1.09 - 1.71	0.006
9	131.536 - 131.538	rs4636306	rs7026441	<i>PRRX2,PTGES</i>	0.69	0.53 - 0.9	0.006

9	126.468 - 126.495	rs10986391	rs16927589	<i>MIR181A2HG</i>	0.70	0.54 - 0.9	0.006
16	68.015 - 68.054	rs9783747	rs12149862	<i>CYB5B</i>	1.36	1.07 - 1.66	0.006
16	66.955 - 67.037	rs1465467	rs1992858	<i>SMPD3</i>	1.36	1.08 - 1.68	0.006
5	35.854 - 35.883	rs7709856	rs1494565	<i>SPEF2,IL7R</i>	1.37	1.09 - 1.71	0.006
9	128.422 - 128.502	rs1536907	rs3814119	<i>LMX1B</i>	0.69	0.54 - 0.91	0.006
9	131.476 - 131.514	rs7858199	rs2278623	<i>PRRX2</i>	0.69	0.54 - 0.92	0.006
9	123.150 - 123.165	rs10985213	rs12554081	<i>STOM</i>	0.71	0.55 - 0.91	0.006
10	14.418 - 14.463	rs11259015	rs11259040	<i>FRMD4A,MIR4293</i>	1.35	1.08 - 1.66	0.006
9	115.144 - 115.145	rs10981743	rs10981748	<i>WDR31,BSPRY</i>	0.70	0.55 - 0.92	0.006
4	156.351 - 156.357	rs10461238	rs17304901	<i>NPY2R</i>	1.36	1.09 - 1.71	0.006
4	160.502 - 162.511	rs6536413	rs12498646	<i>RAPGEF2,FSTL5</i>	1.36	1.08 - 1.68	0.006
9	36.205 - 36.256	rs16933086	rs10972816	<i>GNE</i>	0.71	0.55 - 0.91	0.006
4	157.046 - 157.061	rs3796551	rs10517627	<i>TDO2</i>	1.36	1.09 - 1.7	0.006
4	157.068 - 157.093	rs6856354	rs7665438	<i>CTSO</i>	1.36	1.09 - 1.7	0.006
5	35.924 - 35.938	rs6888699	rs16902562	<i>IL7R,CAPSL</i>	1.37	1.09 - 1.71	0.006
5	35.939 - 35.972	rs2287900	rs6890660	<i>CAPSL</i>	1.37	1.09 - 1.71	0.006
9	122.049 - 122.189	rs2416754	rs872423	<i>MIR147A,CDK5RAP2</i>	0.71	0.57 - 0.92	0.006
9	67.788 - 67.788	rs7041252	rs7041252	<i>ANKRD20A3,LOC642236</i>	0.71	0.56 - 0.91	0.007
9	36.181 - 36.202	rs2025880	rs10972790	<i>CLTA</i>	0.71	0.56 - 0.92	0.007
9	36.203 - 36.203	rs16933085	rs16933085	<i>CLTA,GNE</i>	0.71	0.55 - 0.91	0.007
21	27.581 - 28.206	rs464400	rs4817194	<i>MIR5009</i>	1.37	1.08 - 1.71	0.007
4	146.910 - 147.063	rs10020750	rs2135962	<i>ZNF827</i>	1.37	1.08 - 1.7	0.007
5	35.976 - 35.976	rs10472267	rs10472267	<i>LOC100506406</i>	1.37	1.09 - 1.71	0.007
5	35.985 - 35.985	rs1019504	rs1019504	<i>LOC100506406,UGT3A1</i>	1.37	1.09 - 1.71	0.007
9	39.174 - 39.263	rs2990087	rs9407180	<i>CNTNAP3</i>	0.71	0.56 - 0.91	0.007
9	40.085 - 40.085	rs445659	rs445659	<i>FAM74A1,SPATA31A3</i>	0.71	0.56 - 0.91	0.007
9	44.806 - 44.840	rs6606438	rs7848562	<i>LINC01189,FAM27C</i>	0.71	0.56 - 0.91	0.007
9	134.557 - 134.589	rs2772006	rs306528	<i>GTF3C4,AK8</i>	0.70	0.54 - 0.91	0.007
6	17.210 - 17.233	rs1473745	rs10949404	<i>STMND1</i>	1.36	1.09 - 1.7	0.007
4	157.915 - 158.109	rs17035213	rs4146464	<i>PDGFC</i>	1.36	1.08 - 1.69	0.007
9	134.225 - 134.225	rs10217641	rs10217641	<i>SETX,TTF1</i>	0.70	0.54 - 0.9	0.007
9	134.240 - 134.263	rs7030233	rs569288	<i>TTF1</i>	0.70	0.54 - 0.9	0.007
9	126.229 - 126.273	rs4838173	rs7852843	<i>PSMB7,NR5A1</i>	0.70	0.54 - 0.91	0.007
9	126.285 - 126.288	rs7037254	rs7028021	<i>NR5A1</i>	0.70	0.54 - 0.91	0.007
16	67.442 - 67.674	rs6499203	rs8044158	<i>TANGO6</i>	1.36	1.09 - 1.69	0.007
10	14.464 - 14.465	rs7076925	rs12780876	<i>MIR4293</i>	1.35	1.09 - 1.67	0.007
4	146.322 - 146.589	rs7679664	rs2355632	<i>OTUD4,SMAD1</i>	1.37	1.05 - 1.65	0.007
4	158.133 - 158.214	rs1020286	rs4690875	<i>PDGFC,GLRB</i>	1.36	1.08 - 1.69	0.007
9	123.075 - 123.135	rs10739594	rs12347169	<i>GSN</i>	0.71	0.55 - 0.91	0.007
9	123.138 - 123.138	rs767769	rs767769	<i>GSN,STOM</i>	0.71	0.55 - 0.91	0.007
4	152.167 - 152.232	rs4696648	rs6535763	<i>LRBA,RPS3A</i>	1.37	1.09 - 1.72	0.007
4	152.243 - 152.243	rs4696658	rs4696658	<i>RPS3A</i>	1.37	1.09 - 1.72	0.007
4	152.245 - 152.245	rs7656771	rs7656771	<i>RPS3A,SNORD73A</i>	1.37	1.09 - 1.72	0.007
4	152.258 - 152.258	rs6535764	rs6535764	<i>RPS3A,SH3D19</i>	1.37	1.09 - 1.72	0.007
4	152.263 - 152.360	rs2897661	rs2407412	<i>SH3D19</i>	1.37	1.09 - 1.72	0.007
4	152.384 - 152.412	rs7699574	rs10016704	<i>SH3D19,PRSS48</i>	1.37	1.09 - 1.72	0.007
5	36.347 - 36.638	rs7730506	rs2731878	<i>RANBP3L,SLC1A3</i>	1.36	1.09 - 1.71	0.007
9	134.459 - 134.529	rs306549	rs417562	<i>DDX31</i>	0.70	0.54 - 0.91	0.007
9	134.539 - 134.551	rs96153	rs567423	<i>GTF3C4</i>	0.70	0.54 - 0.91	0.007
10	13.724 - 14.409	rs11258493	rs7911548	<i>FRMD4A</i>	1.35	1.03 - 1.59	0.007
9	126.159 - 126.159	rs10986323	rs16927388	<i>LOC100129034</i>	0.70	0.56 - 0.93	0.007
9	126.166 - 126.218	rs10119911	rs10760361	<i>PSMB7</i>	0.70	0.54 - 0.91	0.007
9	122.760 - 122.851	rs10491538	rs2300939	<i>C5</i>	0.71	0.57 - 0.93	0.007
9	122.855 - 122.886	rs12003718	rs4837808	<i>C5,CNTRL</i>	0.71	0.55 - 0.91	0.007
9	122.889 - 122.976	rs10985149	rs2302498	<i>CNTRL</i>	0.71	0.55 - 0.91	0.007
9	122.988 - 123.004	rs10760154	rs9792437	<i>RAB14</i>	0.71	0.55 - 0.91	0.007

9	123.011 - 123.058	rs10739592	rs12349092	<i>RAB14,GSN</i>	0.71	0.55 - 0.91	0.007
11	2.323 - 2.341	rs10831846	rs10831898	<i>CD81-ASI</i>	0.71	0.56 - 0.91	0.007
11	2.375 - 2.375	rs7124991	rs7106086	<i>CD81</i>	0.71	0.55 - 0.91	0.007
11	2.387 - 2.397	rs800347	rs757091	<i>TRPM5</i>	0.71	0.55 - 0.91	0.007
16	67.932 - 67.932	rs16958762	rs16958762	<i>NIP7</i>	1.35	1.09 - 1.69	0.007
16	67.935 - 67.942	rs153060	rs7187579	<i>TMED6</i>	1.35	1.09 - 1.69	0.007
16	67.952 - 67.964	rs251796	rs3785074	<i>TERF2</i>	1.35	1.09 - 1.69	0.007
9	127.539 - 127.539	rs12345049	rs12345049	<i>MAPKAPI,PBX3</i>	0.70	0.54 - 0.91	0.007
9	127.552 - 127.768	rs12005972	rs11792585	<i>PBX3</i>	0.70	0.54 - 0.91	0.007
4	158.226 - 158.307	rs4615228	rs17035816	<i>GLRB</i>	1.36	1.09 - 1.7	0.007
4	160.409 - 160.498	rs6824488	rs6816166	<i>RAPGEF2</i>	1.35	1.07 - 1.67	0.007
16	67.986 - 68.013	rs16958807	rs728546	<i>TERF2,CYB5B</i>	1.35	1.09 - 1.68	0.007
4	172.226 - 172.327	rs11723301	rs6816290	<i>RP11-344G13.1,MIR6082</i>	1.35	1.07 - 1.67	0.007
4	172.346 - 172.962	rs11942495	rs7678453	<i>MIR6082,GALNTL6</i>	1.35	1.09 - 1.68	0.007
4	146.759 - 146.798	rs1497125	rs17020500	<i>MMAA</i>	1.36	1.09 - 1.71	0.007
10	14.466 - 14.514	rs685087	rs11259089	<i>MIR4293,MIR1265</i>	1.34	1.08 - 1.65	0.007
4	147.085 - 147.245	rs7659884	rs17021043	<i>ZNF827,LINC01095</i>	1.36	1.08 - 1.69	0.007
16	65.473 - 65.477	rs8063228	rs11861556	<i>PDP2</i>	1.35	1.08 - 1.68	0.007
16	65.497 - 65.497	rs7188181	rs7188181	<i>PDP2,CDH16</i>	1.35	1.08 - 1.68	0.007
16	65.528 - 65.530	rs11568311	rs8045523	<i>CES2</i>	1.35	1.08 - 1.68	0.007
16	65.597 - 65.597	rs3848290	rs3848290	<i>CES4A</i>	1.35	1.08 - 1.68	0.007
16	65.631 - 65.678	rs7190074	rs7199582	<i>CBFB</i>	1.35	1.08 - 1.68	0.007
16	65.704 - 65.737	rs8064088	rs7184692	<i>C16orf70</i>	1.35	1.08 - 1.68	0.007
16	65.777 - 65.777	rs868213	rs868213	<i>EXOC3L1</i>	1.35	1.08 - 1.68	0.007
16	65.783 - 65.790	rs3729639	rs11700	<i>E2F4</i>	1.35	1.08 - 1.68	0.007
16	65.798 - 65.798	rs12051247	rs12051247	<i>LRRC29</i>	1.35	1.08 - 1.68	0.007
16	65.819 - 65.819	rs6499116	rs6499116	<i>TMEM208</i>	1.35	1.08 - 1.68	0.007
16	65.822 - 65.822	rs6499117	rs6499117	<i>FHOD1</i>	1.35	1.08 - 1.68	0.007
16	65.851 - 65.851	rs8049096	rs8049096	<i>SLC9A5</i>	1.35	1.08 - 1.68	0.007
16	65.874 - 65.877	rs7200919	rs8045791	<i>PLEKHG4</i>	1.35	1.08 - 1.68	0.007
16	65.885 - 65.895	rs3868143	rs10852437	<i>KCTD19</i>	1.35	1.08 - 1.68	0.007
16	66.860 - 66.892	rs9933029	rs11350	<i>SLC7A6</i>	1.35	1.08 - 1.68	0.007
16	66.901 - 66.902	rs2863978	rs3803650	<i>SLC7A6OS</i>	1.35	1.08 - 1.68	0.007
16	66.916 - 66.941	rs4783619	rs11075672	<i>PRMT7</i>	1.35	1.08 - 1.68	0.007
21	28.020 - 28.039	rs2831136	rs9975288	<i>LINC00113,MIR5009</i>	1.36	1.09 - 1.7	0.007
6	20.509 - 20.598	rs749215	rs4134981	<i>E2F3</i>	1.36	1.09 - 1.71	0.007
6	17.680 - 17.703	rs4499919	rs1998614	<i>CAP2,FAM8A1</i>	1.35	1.09 - 1.69	0.007
10	15.297 - 15.451	rs9423931	rs12250650	<i>FAM171A1</i>	1.34	1.06 - 1.64	0.007
16	67.925 - 67.925	rs877534	rs877534	<i>COG8</i>	1.35	1.08 - 1.68	0.007
16	66.582 - 66.582	rs255052	rs255052	<i>DPEP2</i>	1.35	1.08 - 1.68	0.007
16	66.594 - 66.594	rs8059305	rs8059305	<i>DPEP2,LOC100131303</i>	1.35	1.08 - 1.68	0.007
16	66.635 - 66.640	rs9923655	rs2418740	<i>DUS2</i>	1.35	1.08 - 1.68	0.007
16	66.673 - 66.673	rs2107369	rs2107369	<i>DUS2,NFATC3</i>	1.35	1.08 - 1.68	0.007
16	66.693 - 66.771	rs8052366	rs8047161	<i>NFATC3</i>	1.35	1.08 - 1.68	0.007
16	66.837 - 66.837	rs3826164	rs3826164	<i>PLA2G15</i>	1.35	1.08 - 1.68	0.007
6	17.719 - 17.719	rs3777710	rs3777710	<i>FAM8A1</i>	1.35	1.08 - 1.69	0.007
6	17.726 - 17.807	rs13220654	rs12199222	<i>NUP153</i>	1.35	1.08 - 1.69	0.007
9	115.104 - 115.106	rs7860625	rs10817476	<i>RNF183,WDR31</i>	0.71	0.57 - 0.94	0.008
11	2.298 - 2.305	rs2521284	rs2521294	<i>TSPAN32,CD81-ASI</i>	0.71	0.56 - 0.91	0.008
16	67.782 - 67.900	rs1424114	rs8058523	<i>SNTB2</i>	1.35	1.08 - 1.68	0.008
16	67.913 - 67.913	rs3852689	rs3852689	<i>VPS4A</i>	1.35	1.08 - 1.68	0.008
16	67.255 - 67.290	rs1111722	rs3118235	<i>CDH3</i>	1.35	1.07 - 1.67	0.008
16	67.307 - 67.322	rs8059194	rs9989407	<i>CDH3,CDH1</i>	1.35	1.08 - 1.68	0.008
21	16.915 - 17.727	rs2823911	rs1689155	<i>C21orf35,C21orf37</i>	1.37	1.03 - 1.63	0.008
9	130.357 - 130.432	rs10819406	rs16930539	<i>SPTAN1</i>	0.70	0.54 - 0.91	0.008
5	35.267 - 35.651	rs10080135	rs12657936	<i>PRLR,SPEF2</i>	1.36	1.07 - 1.67	0.008

11	2.277 - 2.277	rs16928081	rs16928081	<i>C11orf21</i>	0.71	0.56 - 0.91	0.008
11	2.296 - 2.296	rs4930081	rs4930081	<i>TSPAN32</i>	0.71	0.56 - 0.91	0.008
21	17.738 - 17.743	rs2824300	rs2824308	<i>C21orf37</i>	1.37	1.08 - 1.71	0.008
9	131.859 - 131.941	rs10115815	rs10988603	<i>GPR107</i>	0.70	0.54 - 0.93	0.008
4	158.322 - 158.339	rs17035841	rs17035876	<i>GLRB,GRIA2</i>	1.35	1.08 - 1.69	0.008
9	121.180 - 122.045	rs2025501	rs2215771	<i>BRINP1,MIR147A</i>	0.72	0.6 - 0.98	0.008
16	67.678 - 67.692	rs9673498	rs8047014	<i>TANGO6,HAS3</i>	1.35	1.08 - 1.68	0.008
11	2.251 - 2.267	rs7394849	rs756920	<i>ASCL2,C11orf21</i>	0.71	0.57 - 0.93	0.008
9	122.190 - 122.381	rs4836819	rs7857382	<i>CDK5RAP2</i>	0.72	0.56 - 0.92	0.008
9	115.121 - 115.130	rs7038589	rs12348236	<i>WDR31</i>	0.71	0.56 - 0.92	0.008
21	27.268 - 27.579	rs11909355	rs457603	<i>ADAMTS5,MIR5009</i>	1.36	1.08 - 1.7	0.008
9	130.346 - 130.346	rs4837276	rs4837276	<i>GLE1,SPTAN1</i>	0.70	0.54 - 0.91	0.008
4	146.624 - 146.697	rs17020201	rs6829932	<i>SMAD1</i>	1.36	1.08 - 1.71	0.008
21	27.149 - 27.209	rs2830558	rs229064	<i>ADAMTS1,ADAMTS5</i>	1.36	1.06 - 1.67	0.008
21	21.100 - 21.287	rs17003734	rs9980476	<i>LINC00320,NCAM2</i>	1.37	1.09 - 1.74	0.008
4	146.805 - 146.812	rs9308191	rs7688920	<i>MMAA,C4orf51</i>	1.36	1.08 - 1.7	0.008
4	146.829 - 146.870	rs2356209	rs3935131	<i>C4orf51</i>	1.36	1.08 - 1.7	0.008
4	146.876 - 146.884	rs6841736	rs6818123	<i>C4orf51,ZNF827</i>	1.36	1.08 - 1.7	0.008
16	67.728 - 67.748	rs3815821	rs13332128	<i>CIRH1A</i>	1.35	1.08 - 1.67	0.008
5	34.192 - 34.690	rs13160687	rs464609	<i>CIQTNF3-AMACR,RAI14</i>	1.36	1.06 - 1.66	0.008
9	36.164 - 36.176	rs10814346	rs10972784	<i>CCIN,CLTA</i>	0.72	0.56 - 0.92	0.008
16	65.949 - 65.976	rs8055190	rs8058996	<i>LRRC36</i>	1.34	1.08 - 1.67	0.008
16	65.981 - 65.981	rs11552319	rs11552319	<i>TPPP3</i>	1.34	1.08 - 1.67	0.008
16	66.047 - 66.053	rs16957447	rs9935803	<i>ATP6V0D1</i>	1.34	1.08 - 1.67	0.008
16	66.077 - 66.096	rs13338499	rs9933206	<i>AGRP,LOC100505942</i>	1.34	1.08 - 1.67	0.008
16	66.115 - 66.115	rs929871	rs929871	<i>LOC100505942</i>	1.34	1.08 - 1.67	0.008
16	73.220 - 73.258	rs11149759	rs4402594	<i>RFWD3</i>	1.33	1.08 - 1.65	0.008
9	130.327 - 130.343	rs10988015	rs10760563	<i>GLE1</i>	0.70	0.54 - 0.92	0.008
21	18.702 - 18.853	rs2824810	rs1740142	<i>TMPRSS15,AL109763.2</i>	1.37	1.08 - 1.7	0.008
9	122.390 - 122.392	rs7861226	rs7042649	<i>CDK5RAP2,MEGF9</i>	0.72	0.56 - 0.92	0.008
9	122.405 - 122.511	rs1043245	rs7869650	<i>MEGF9</i>	0.72	0.56 - 0.92	0.008
9	122.520 - 122.553	rs4617229	rs10985021	<i>MEGF9,FBXW2</i>	0.72	0.56 - 0.92	0.008
9	122.560 - 122.589	rs16910125	rs7026635	<i>FBXW2</i>	0.72	0.56 - 0.92	0.008
9	122.645 - 122.650	rs10739575	rs10985054	<i>PSMD5-AS1</i>	0.72	0.56 - 0.92	0.008
9	122.666 - 122.694	rs12377227	rs6478485	<i>PHF19</i>	0.72	0.56 - 0.92	0.008
9	122.700 - 122.700	rs7046108	rs7046108	<i>PHF19,TRAF1</i>	0.72	0.56 - 0.92	0.008
9	122.711 - 122.726	rs2239657	rs1930780	<i>TRAF1</i>	0.72	0.56 - 0.92	0.008
9	122.737 - 122.749	rs7863127	rs10760131	<i>TRAF1,C5</i>	0.72	0.56 - 0.92	0.008
9	131.608 - 131.609	rs10116248	rs1043178	<i>TOR1B</i>	0.70	0.54 - 0.92	0.008
9	131.635 - 131.635	rs2274508	rs2274508	<i>C9orf78</i>	0.70	0.54 - 0.91	0.008
9	131.641 - 131.676	rs7019254	rs11792703	<i>USP20</i>	0.70	0.54 - 0.91	0.008
9	128.310 - 128.408	rs10987314	rs4083649	<i>MVB12B,LMX1B</i>	0.70	0.54 - 0.91	0.008
4	146.642 - 146.642	rs2068991	rs2068991	<i>SMAD1-AS2</i>	1.36	1.08 - 1.7	0.008
4	155.923 - 155.951	rs156548	rs12511123	<i>RBM46</i>	1.35	1.07 - 1.68	0.008
16	67.701 - 67.701	rs2232228	rs2232228	<i>HAS3</i>	1.34	1.08 - 1.67	0.008
9	131.410 - 131.435	rs10988449	rs10114250	<i>NTMT1</i>	0.70	0.54 - 0.92	0.008
10	14.518 - 14.518	rs11259096	rs11259096	<i>MIR1265</i>	1.34	1.08 - 1.66	0.009
12	91.067 - 91.334	rs709225	rs7972305	<i>BTGI,CLLUIOS</i>	0.72	0.58 - 0.95	0.009
11	2.431 - 2.826	rs12274567	rs10798	<i>KCNQ1</i>	0.72	0.56 - 0.92	0.009
21	27.213 - 27.258	rs1444269	rs2036146	<i>ADAMTS5</i>	1.36	1.07 - 1.7	0.009
9	126.586 - 126.610	rs4838210	rs10986432	<i>OLFML2A</i>	0.71	0.55 - 0.92	0.009
2	137.484 - 138.151	rs6750400	rs5012365	<i>THSD7B</i>	1.34	1.05 - 1.62	0.009
9	70.353 - 70.508	rs4457398	rs1107107	<i>RP11-274B18.2,PIP5K1B</i>	0.73	0.57 - 0.92	0.009
2	138.152 - 138.435	rs11686818	rs12475378	<i>THSD7B,HNMT</i>	1.34	1.07 - 1.65	0.009
9	126.575 - 126.575	rs721862	rs721862	<i>NR6A1,OLFML2A</i>	0.71	0.55 - 0.92	0.009
21	18.573 - 18.693	rs17698445	rs2824806	<i>TMPRSS15</i>	1.36	1.06 - 1.68	0.009

16	73.205 - 73.205	rs4887779	rs4887779	<i>GLG1,RFWD3</i>	1.33	1.07 - 1.64	0.009
16	73.307 - 73.364	rs7192551	rs8060979	<i>FA2H</i>	1.33	1.07 - 1.64	0.009
2	138.441 - 138.479	rs1471003	rs16840064	<i>HNMT</i>	1.34	1.08 - 1.67	0.009
1	158.886 - 158.909	rs11265455	rs9330293	<i>SLAMF1,CD48</i>	0.71	0.56 - 0.92	0.009
9	134.965 - 135.007	rs2773828	rs12342395	<i>RALGDS</i>	0.71	0.55 - 0.92	0.009
21	21.043 - 21.084	rs461016	rs2826520	<i>LINC00320</i>	1.36	1.08 - 1.72	0.009
16	73.264 - 73.281	rs4072222	rs4265826	<i>MLKL</i>	1.33	1.07 - 1.64	0.009
16	73.301 - 73.301	rs7187229	rs7187229	<i>MLKL,FA2H</i>	1.33	1.07 - 1.64	0.009
15	68.208 - 68.723	rs11636597	rs2114721	<i>TLE3,UACA</i>	0.71	0.56 - 0.93	0.009
9	38.539 - 38.557	rs10758505	rs4440700	<i>FAM95C,ANKRD18A</i>	0.73	0.57 - 0.92	0.009
9	38.573 - 38.589	rs2993201	rs10511949	<i>ANKRD18A</i>	0.73	0.57 - 0.92	0.009
9	134.925 - 134.925	rs590504	rs590504	<i>GTF3C5,CEL</i>	0.71	0.55 - 0.92	0.009
9	134.955 - 134.957	rs686246	rs669791	<i>CELP,RALGDS</i>	0.71	0.55 - 0.92	0.009
4	152.422 - 152.432	rs17027505	rs11734518	<i>PRSS48</i>	1.35	1.08 - 1.7	0.009
21	26.880 - 27.129	rs2830292	rs229040	<i>CYYR1,ADAMTS1</i>	1.35	1.07 - 1.69	0.009
9	126.620 - 126.648	rs1041205	rs6478688	<i>OLFML2A,WDR38</i>	0.71	0.55 - 0.92	0.009
9	126.659 - 126.659	rs944952	rs876663	<i>WDR38</i>	0.71	0.55 - 0.92	0.009
9	126.661 - 126.661	rs3780591	rs3780591	<i>RPL35</i>	0.71	0.55 - 0.92	0.009
9	126.675 - 126.675	rs10986471	rs10986471	<i>ARPC5L</i>	0.71	0.55 - 0.92	0.009
9	126.680 - 126.733	rs1058555	rs7024526	<i>GOLGA1</i>	0.71	0.55 - 0.92	0.009
10	15.251 - 15.288	rs7091245	rs6602821	<i>NMT2,FAM171A1</i>	1.33	1.06 - 1.64	0.009
9	134.755 - 134.755	rs2040557	rs2040557	<i>C9orf9</i>	0.71	0.55 - 0.92	0.009
9	134.757 - 134.805	rs11553763	rs4419933	<i>TSC1</i>	0.71	0.55 - 0.92	0.009
9	134.812 - 134.840	rs7035308	rs7036106	<i>TSC1,GFI1B</i>	0.71	0.55 - 0.92	0.009
9	2.526 - 2.605	rs16907400	rs10967183	<i>VLDLR-AS1</i>	0.73	0.58 - 0.93	0.009
9	135.142 - 135.184	rs8176630	rs3739890	<i>ABO,SURF6</i>	0.71	0.55 - 0.92	0.009
11	2.162 - 2.239	rs11564708	rs1548428	<i>MIR4686,ASCL2</i>	0.72	0.56 - 0.92	0.009
9	131.416 - 131.417	rs16931335	rs918166	<i>C9orf50,NTMT1</i>	0.70	0.54 - 0.92	0.009
16	67.163 - 67.229	rs16958159	rs10153230	<i>ZFP90,CDH3</i>	1.34	1.07 - 1.66	0.009
16	73.038 - 73.195	rs3851728	rs4887778	<i>GLG1</i>	1.33	1.05 - 1.61	0.009
9	135.187 - 135.191	rs2491	rs563666	<i>SURF6</i>	0.71	0.55 - 0.92	0.009
9	134.852 - 134.857	rs633153	rs7019702	<i>GFI1B</i>	0.71	0.55 - 0.92	0.010
9	135.020 - 135.029	rs12336774	rs7040564	<i>GBGT1</i>	0.71	0.55 - 0.92	0.010
9	135.033 - 135.068	rs6597603	rs10901243	<i>GBGT1,OBP2B</i>	0.71	0.55 - 0.92	0.010
9	135.122 - 135.133	rs8176721	rs574311	<i>ABO</i>	0.71	0.55 - 0.92	0.010
9	130.983 - 131.118	rs10988239	rs10760606	<i>IER5L,C9orf106</i>	0.70	0.55 - 0.94	0.010
9	134.904 - 134.924	rs689266	rs586977	<i>GTF3C5</i>	0.71	0.55 - 0.92	0.010
9	131.462 - 131.465	rs12350659	rs10760632	<i>ASB6,PRRX2</i>	0.70	0.54 - 0.92	0.010
6	16.426 - 16.862	rs179996	rs2301594	<i>ATXN1</i>	1.34	0.98 - 1.53	0.010
16	64.169 - 64.956	rs11075586	rs9940044	<i>LINC00922,CDH5</i>	1.34	1.06 - 1.63	0.010
10	15.948 - 16.517	rs7898527	rs1532104	<i>FAM188A,PTER</i>	1.33	1.06 - 1.63	0.010
4	155.764 - 155.880	rs7654093	rs12512714	<i>FGG,LRAT</i>	1.34	1.06 - 1.66	0.010
9	122.047 - 122.047	rs1541537	rs1541537	<i>MIR147A</i>	0.72	0.57 - 0.92	0.010
4	160.277 - 160.405	rs17225089	rs10428456	<i>MIR3688-1,RAPGEF2</i>	1.34	1.07 - 1.66	0.010
4	172.199 - 172.202	rs17056407	rs17056413	<i>RP11-344G13.1</i>	1.34	1.07 - 1.67	0.010
16	65.464 - 65.464	rs187431	rs187431	<i>CA7,PDP2</i>	1.34	1.07 - 1.66	0.010
4	159.895 - 159.905	rs6815665	rs11100197	<i>PPID,FNIP2</i>	1.34	1.07 - 1.67	0.010
4	159.917 - 160.028	rs4330315	rs4274803	<i>FNIP2</i>	1.34	1.07 - 1.67	0.010
4	160.044 - 160.044	rs3756080	rs3756080	<i>C4orf45,FNIP2</i>	1.34	1.07 - 1.67	0.010
4	160.053 - 160.176	rs4690915	rs17037938	<i>C4orf45</i>	1.34	1.07 - 1.67	0.010
18	19.827 - 19.952	rs5026773	rs3745029	<i>TTC39C</i>	1.34	1.06 - 1.65	0.010
9	135.070 - 135.070	rs12379461	rs12379461	<i>OBP2B</i>	0.71	0.55 - 0.92	0.010
4	162.539 - 163.298	rs17397014	rs1492464	<i>FSTL5</i>	1.34	1.04 - 1.63	0.010
4	155.896 - 155.919	rs156500	rs156543	<i>LRAT,RBM46</i>	1.34	1.06 - 1.67	0.010
1	161.379 - 161.556	rs1056515	rs12408485	<i>RGSS5</i>	0.72	0.56 - 0.93	0.010
5	34.996 - 35.030	rs7719119	rs9687411	<i>DNAJC21,AGXT2</i>	1.34	1.07 - 1.68	0.010

5	35.040 - 35.083	rs4538595	rs40201	<i>AGXT2</i>	1.34	1.07 - 1.68	0.010
9	134.867 - 134.894	rs11243977	rs2988571	<i>GF11B,GTF3C5</i>	0.71	0.55 - 0.92	0.010
5	34.706 - 34.869	rs2029900	rs6898295	<i>RAI14</i>	1.35	1.07 - 1.68	0.010
4	143.174 - 143.985	rs336352	rs9994364	<i>INPP4B</i>	1.35	1.02 - 1.61	0.010
9	131.326 - 131.406	rs9695696	rs2542242	<i>LINC00963,NTMT1</i>	0.70	0.57 - 0.97	0.010
4	159.661 - 159.782	rs4513519	rs4132807	<i>RXFPI</i>	1.34	1.07 - 1.66	0.010
4	159.808 - 159.808	rs7697479	rs7697479	<i>C4orf46</i>	1.34	1.07 - 1.67	0.010
21	28.040 - 28.040	rs1346930	rs1346930	<i>LINC00113</i>	1.34	1.07 - 1.68	0.010
9	135.076 - 135.100	rs7864821	rs7860958	<i>OBP2B,ABO</i>	0.71	0.55 - 0.92	0.010
12	90.112 - 90.899	rs544968	rs10777371	<i>DCN,C12orf79</i>	0.72	0.57 - 0.94	0.010
12	91.351 - 91.616	rs394283	rs7316876	<i>CLLUI,C12orf74</i>	0.72	0.56 - 0.93	0.010
2	136.318 - 136.348	rs4988269	rs4988149	<i>MCM6</i>	1.33	1.05 - 1.63	0.010
2	136.353 - 136.375	rs16832138	rs12478902	<i>MCM6,DARS</i>	1.33	1.07 - 1.65	0.010
16	66.163 - 66.185	rs7203742	rs8061160	<i>CTCF</i>	1.33	1.07 - 1.65	0.010
16	66.355 - 66.394	rs16957524	rs16957551	<i>RANBP10</i>	1.33	1.07 - 1.66	0.010
16	66.422 - 66.422	rs8052287	rs8052287	<i>CENPT</i>	1.33	1.07 - 1.66	0.010
16	66.440 - 66.459	rs28679372	rs2271293	<i>NUTF2</i>	1.33	1.07 - 1.66	0.010
16	66.479 - 66.479	rs10468274	rs10468274	<i>NRN1L,PSKH1</i>	1.33	1.07 - 1.66	0.010
16	66.492 - 66.517	rs16957590	rs16957606	<i>PSKH1</i>	1.33	1.07 - 1.66	0.010
16	66.551 - 66.551	rs16957659	rs16957659	<i>SLC12A4</i>	1.33	1.07 - 1.66	0.010
16	66.566 - 66.569	rs8061362	rs16957670	<i>DPEP3</i>	1.33	1.07 - 1.66	0.010
16	66.577 - 66.577	rs1107767	rs1107767	<i>DPEP3,DPEP2</i>	1.33	1.07 - 1.66	0.010
1	161.317 - 161.374	rs2661315	rs1395961	<i>RGS4,RGS5</i>	0.72	0.57 - 0.94	0.010
4	144.843 - 144.994	rs4835333	rs4835047	<i>FREM3,GYPE</i>	1.35	1.07 - 1.69	0.010
4	145.214 - 145.248	rs7663170	rs4350961	<i>GYPB,GYP A</i>	1.35	1.07 - 1.7	0.010
4	145.249 - 145.269	rs3936168	rs4286473	<i>GYP A</i>	1.35	1.07 - 1.7	0.010
12	91.348 - 91.348	rs17251627	rs7308198	<i>CLLUI</i>	0.72	0.57 - 0.93	0.010
9	2.613 - 2.635	rs7032549	rs6143	<i>VLDLR</i>	0.73	0.57 - 0.93	0.010
1	158.848 - 158.883	rs1408597	rs2295614	<i>SLAMF1</i>	0.72	0.59 - 0.98	0.010
4	145.295 - 145.762	rs7688971	rs2942220	<i>GYP A,HHIP-ASI</i>	1.35	1.07 - 1.7	0.010
4	159.838 - 159.848	rs12640862	rs4690909	<i>ETFDH</i>	1.34	1.07 - 1.67	0.011
4	144.727 - 144.832	rs13149219	rs6537170	<i>FREM3</i>	1.35	1.07 - 1.68	0.011
16	66.144 - 66.144	rs8054369	rs8054369	<i>FAM65A,CTCF</i>	1.33	1.07 - 1.65	0.011
2	136.405 - 136.452	rs309161	rs1867632	<i>DARS</i>	1.33	1.07 - 1.65	0.011
2	136.472 - 136.482	rs309134	rs309137	<i>AC093391.2</i>	1.33	1.07 - 1.65	0.011
11	2.112 - 2.113	rs734351	rs3213219	<i>IGF2</i>	0.72	0.57 - 0.93	0.011
11	2.128 - 2.130	rs10840442	rs7924316	<i>INS-IGF2</i>	0.72	0.57 - 0.93	0.011
16	67.131 - 67.158	rs1182967	rs7499785	<i>ZFP90</i>	1.33	1.07 - 1.66	0.011
9	2.195 - 2.523	rs7044370	rs10491717	<i>SMARCA2,VLDLR-ASI</i>	0.73	0.61 - 0.99	0.011
21	26.762 - 26.853	rs17002187	rs1395053	<i>CYYR1</i>	1.35	1.05 - 1.66	0.011
21	26.088 - 26.168	rs2829908	rs2040275	<i>GABPA,APP</i>	1.35	1.07 - 1.69	0.011
1	161.558 - 161.588	rs2292274	rs17363117	<i>NUF2</i>	0.72	0.56 - 0.93	0.011
5	35.096 - 35.265	rs249522	rs9292578	<i>PRLR</i>	1.34	1.06 - 1.66	0.011
9	117.566 - 117.689	rs689506	rs2106059	<i>LOC101928775,LINC0047</i>	0.72	0.57 - 0.94	0.011
11	1.977 - 2.098	rs2107425	rs6578987	<i>H19,IGF2</i>	0.73	0.57 - 0.94	0.011
10	16.518 - 16.588	rs10904739	rs10904758	<i>PTER</i>	1.32	1.07 - 1.64	0.011
4	155.633 - 155.668	rs17301943	rs10008078	<i>DCHS2,PLRG1</i>	1.34	1.06 - 1.66	0.011
4	172.984 - 174.182	rs510341	rs10020676	<i>GALNTL6</i>	1.33	1.07 - 1.66	0.011
4	155.724 - 155.724	rs2070022	rs2070022	<i>FGA</i>	1.34	1.07 - 1.68	0.011
11	1.831 - 1.865	rs11041476	rs3817198	<i>LSP1</i>	0.73	0.57 - 0.93	0.011
11	1.900 - 1.912	rs965912	rs16927166	<i>TNNT3</i>	0.73	0.57 - 0.93	0.011
9	115.914 - 115.953	rs1570589	rs7863152	<i>KIF12,COL27A1</i>	0.72	0.57 - 0.95	0.011
12	91.344 - 91.344	rs959897	rs959897	<i>CLLUI,CLLUIOS</i>	0.73	0.57 - 0.93	0.011
4	152.440 - 152.530	rs6852223	rs4696259	<i>PRSS48,FAM160A1</i>	1.35	1.07 - 1.69	0.011
4	159.399 - 159.661	rs2225239	rs6536351	<i>TMEM144,RXFPI</i>	1.33	1.07 - 1.66	0.011
4	155.700 - 155.700	rs4333166	rs4333166	<i>PLRG1,FGB</i>	1.34	1.07 - 1.67	0.011

4	155.710 - 155.712	rs4681	rs2059503	<i>FGB</i>	1.34	1.07 - 1.67	0.011
21	16.366 - 16.892	rs11911247	rs2823901	<i>C21orf35</i>	1.34	1.02 - 1.61	0.011
21	26.037 - 26.050	rs13046078	rs2829893	<i>GABPA</i>	1.34	1.07 - 1.69	0.011
11	1.772 - 1.811	rs10839687	rs498337	<i>MOB2,SYT8</i>	0.73	0.58 - 0.94	0.011
9	131.685 - 131.685	rs10760643	rs10760643	<i>USP20,FNBPI</i>	0.71	0.54 - 0.93	0.011
9	131.706 - 131.837	rs6478924	rs16931713	<i>FNBPI</i>	0.71	0.54 - 0.93	0.011
4	152.555 - 152.793	rs2709812	rs10010061	<i>FAM160A1</i>	1.35	1.07 - 1.69	0.011
4	152.808 - 152.809	rs9683731	rs11723643	<i>FAM160A1,PET112</i>	1.35	1.07 - 1.69	0.011
4	152.812 - 152.900	rs7696468	rs3805356	<i>PET112</i>	1.35	1.07 - 1.69	0.011
4	155.374 - 155.628	rs17031277	rs871540	<i>DCHS2</i>	1.34	1.03 - 1.62	0.011
4	149.220 - 149.577	rs5534	rs2070949	<i>NR3C2</i>	1.34	1.02 - 1.6	0.011
4	160.182 - 160.248	rs12331691	rs12639886	<i>C4orf45,MIR3688-1</i>	1.33	1.07 - 1.66	0.011
10	15.875 - 15.932	rs12247963	rs7081355	<i>FAM188A</i>	1.32	1.07 - 1.64	0.012
21	26.179 - 26.465	rs2829970	rs364048	<i>APP</i>	1.34	1.06 - 1.67	0.012
9	131.847 - 131.849	rs7854338	rs2109624	<i>FNBPI,GPR107</i>	0.71	0.54 - 0.93	0.012
9	135.619 - 135.839	rs2797826	rs10993883	<i>VAI2</i>	0.71	0.57 - 0.96	0.012
4	152.904 - 153.449	rs2089811	rs7678272	<i>PET112,FBXW7</i>	1.34	1.06 - 1.68	0.012
1	158.919 - 158.947	rs3796502	rs1503849	<i>CD48</i>	0.72	0.56 - 0.93	0.012
6	20.215 - 20.318	rs2457336	rs1327665	<i>MBOATI</i>	1.34	1.06 - 1.68	0.012
5	34.880 - 34.908	rs13158027	rs10941223	<i>TTC23L</i>	1.34	1.07 - 1.68	0.012
5	34.945 - 34.945	rs2069478	rs2069476	<i>RADI</i>	1.34	1.07 - 1.68	0.012
5	34.954 - 34.954	rs37434	rs37434	<i>BRIX1</i>	1.34	1.07 - 1.68	0.012
5	34.981 - 34.995	rs37442	rs7733880	<i>DNAJC21</i>	1.34	1.07 - 1.68	0.012
5	33.979 - 34.010	rs10461928	rs16892049	<i>SLC45A2</i>	1.34	1.07 - 1.68	0.012
11	1.923 - 1.923	rs3809101	rs3809101	<i>TNNT3,MRPL23</i>	0.73	0.57 - 0.93	0.012
11	1.932 - 1.932	rs11600982	rs11600982	<i>MRPL23</i>	0.73	0.57 - 0.93	0.012
11	1.938 - 1.950	rs217237	rs190063	<i>MRPL23,MRPL23-AS1</i>	0.73	0.57 - 0.93	0.012
21	25.942 - 26.010	rs10482967	rs2829881	<i>JAM2</i>	1.34	1.05 - 1.66	0.012
21	26.021 - 26.025	rs11910256	rs2829887	<i>ATP5J</i>	1.34	1.07 - 1.68	0.012
15	67.928 - 68.104	rs305002	rs869607	<i>LINC00593,TLE3</i>	0.72	0.58 - 0.95	0.012
16	73.023 - 73.032	rs11648326	rs9921991	<i>CLEC18B,GLG1</i>	1.31	1.06 - 1.62	0.012
10	15.189 - 15.243	rs11819275	rs7902390	<i>NMT2</i>	1.32	1.06 - 1.63	0.012
4	159.318 - 159.348	rs13126694	rs9684078	<i>FAM198B,TMEM144</i>	1.33	1.06 - 1.66	0.012
4	159.356 - 159.394	rs10032178	rs41494044	<i>TMEM144</i>	1.33	1.07 - 1.66	0.012
16	65.022 - 65.076	rs6499083	rs9925352	<i>BEANI</i>	1.33	1.05 - 1.64	0.012
9	130.622 - 130.628	rs2977996	rs2997913	<i>C9orf114</i>	0.71	0.55 - 0.94	0.012
9	130.649 - 130.677	rs3763597	rs10760581	<i>CCBL1</i>	0.71	0.55 - 0.93	0.012
9	130.691 - 130.709	rs7871241	rs16930747	<i>LRRRC8A</i>	0.71	0.55 - 0.93	0.012
9	130.437 - 130.437	rs4837291	rs4837291	<i>WDR34</i>	0.71	0.55 - 0.93	0.012
16	72.798 - 72.807	rs7192735	rs4889484	<i>AC009120.4</i>	1.31	1.05 - 1.61	0.012
16	72.810 - 72.882	rs10431982	rs9319444	<i>AC009120.4,PSMD7</i>	1.31	1.06 - 1.62	0.012
16	65.424 - 65.424	rs422945	rs422945	<i>NAE1,CA7</i>	1.33	1.06 - 1.65	0.012
16	65.439 - 65.439	rs36685	rs36685	<i>CA7</i>	1.33	1.06 - 1.65	0.012
9	38.531 - 38.531	rs10973883	rs10973883	<i>FAM95C</i>	0.73	0.58 - 0.93	0.012
2	135.346 - 135.367	rs12469941	rs6714498	<i>CCNT2-AS1</i>	1.32	1.06 - 1.65	0.012
2	135.395 - 135.433	rs1984559	rs13427841	<i>CCNT2</i>	1.32	1.06 - 1.65	0.012
2	135.437 - 135.493	rs16831203	rs13390171	<i>MAP3K19</i>	1.32	1.06 - 1.65	0.012
6	19.958 - 20.199	rs12190051	rs11964520	<i>ID4,MBOATI</i>	1.34	1.05 - 1.64	0.012
5	34.023 - 34.125	rs16892064	rs1428480	<i>CIQTNF3-AMACR</i>	1.34	1.07 - 1.68	0.012
2	135.316 - 135.340	rs10198552	rs3814358	<i>ACMSD</i>	1.32	1.05 - 1.63	0.012
2	138.504 - 138.959	rs4954961	rs11684149	<i>HNMT,SPOPL</i>	1.32	1.06 - 1.64	0.012
21	26.470 - 26.758	rs2156079	rs2830237	<i>APP,CYR1</i>	1.34	1.06 - 1.67	0.012
10	14.858 - 14.890	rs2768716	rs7914687	<i>FAM107B,CDNF</i>	1.32	1.06 - 1.63	0.012
5	33.979 - 33.979	rs35403	rs35403	<i>RXFP3,SLC45A2</i>	1.34	1.07 - 1.68	0.012
6	20.643 - 21.339	rs16883895	rs12200511	<i>CDKAL1</i>	1.33	1.04 - 1.64	0.012
15	68.135 - 68.164	rs8025266	rs618468	<i>TLE3</i>	0.72	0.57 - 0.94	0.012

1	161.111 - 161.303	rs34532917	rs12043369	<i>C1orf110,RGS4</i>	0.73	0.57 - 0.95	0.012
16	72.894 - 72.897	rs17336867	rs1195630	<i>PSMD7</i>	1.31	1.06 - 1.62	0.012
16	72.912 - 72.912	rs9923084	rs9923084	<i>PSMD7,LOC283922</i>	1.31	1.06 - 1.62	0.012
4	155.893 - 155.893	rs17032002	rs201820	<i>LRAT</i>	1.33	1.06 - 1.67	0.012
5	33.971 - 33.971	rs7702361	rs7702361	<i>RXFP3</i>	1.34	1.06 - 1.68	0.013
5	34.869 - 34.869	rs7713295	rs7713295	<i>RAI14,TTC23L</i>	1.33	1.06 - 1.67	0.013
6	20.323 - 20.506	rs9465658	rs6939054	<i>MBOAT1,E2F3</i>	1.34	1.05 - 1.66	0.013
4	144.711 - 144.715	rs7688510	rs17747275	<i>GUSBP5,FREM3</i>	1.34	1.06 - 1.68	0.013
16	65.315 - 65.329	rs12600097	rs7204805	<i>DYNCILI2</i>	1.32	1.06 - 1.65	0.013
16	65.360 - 65.370	rs363184	rs363162	<i>CCDC79</i>	1.32	1.06 - 1.65	0.013
16	65.403 - 65.420	rs7184782	rs3026089	<i>NAE1</i>	1.32	1.06 - 1.65	0.013
18	19.994 - 19.995	rs17259667	rs7230861	<i>CABYR</i>	1.33	1.06 - 1.66	0.013
4	159.278 - 159.312	rs11946222	rs2881373	<i>FAM198B</i>	1.33	1.06 - 1.66	0.013
1	160.772 - 160.791	rs16863247	rs16863381	<i>UHMK1,UAP1</i>	0.73	0.56 - 0.93	0.013
1	160.813 - 160.825	rs6700714	rs12022205	<i>UAP1</i>	0.73	0.56 - 0.93	0.013
9	117.702 - 117.715	rs7468858	rs6478212	<i>LINC00474</i>	0.73	0.57 - 0.93	0.013
4	189.613 - 189.752	rs436141	rs10026205	<i>LINC01060</i>	1.33	1.06 - 1.65	0.013
18	20.006 - 20.224	rs2077984	rs17187528	<i>OSBPL1A</i>	1.33	1.06 - 1.66	0.013
9	115.025 - 115.065	rs10981693	rs10981707	<i>SLC31A1</i>	0.73	0.58 - 0.95	0.013
9	115.072 - 115.072	rs10123780	rs10123780	<i>CDC26</i>	0.73	0.57 - 0.94	0.013
9	115.081 - 115.089	rs12343629	rs10981715	<i>PRPF4</i>	0.73	0.57 - 0.94	0.013
11	1.963 - 1.963	rs217710	rs217710	<i>MRPL23-AS1</i>	0.73	0.57 - 0.94	0.013
1	160.307 - 160.605	rs1123217	rs164152	<i>NOS1AP</i>	0.73	0.58 - 0.96	0.013
10	16.675 - 16.898	rs6977	rs7904368	<i>RSU1</i>	1.31	1.04 - 1.6	0.013
2	135.199 - 135.310	rs3739034	rs4954184	<i>TMEM163,ACMSD</i>	1.32	1.06 - 1.65	0.013
9	114.683 - 114.693	rs4978510	rs4142853	<i>SLC46A2</i>	0.73	0.6 - 0.98	0.013
9	126.066 - 126.150	rs10760344	rs7045589	<i>NEK6</i>	0.72	0.56 - 0.94	0.013
2	135.510 - 135.520	rs11888951	rs17293519	<i>MAP3K19,RAB3GAP1</i>	1.32	1.06 - 1.64	0.013
1	160.735 - 160.757	rs6656197	rs2342715	<i>UHMK1</i>	0.73	0.57 - 0.95	0.013
1	160.652 - 160.705	rs164128	rs164169	<i>SH2D1B,UHMK1</i>	0.73	0.58 - 0.95	0.013
6	21.342 - 21.591	rs10946439	rs6939084	<i>CDKALI,LINC00581</i>	1.33	1.06 - 1.66	0.013
9	130.465 - 130.465	rs4614101	rs4614101	<i>WDR34,SET</i>	0.72	0.55 - 0.93	0.013
16	65.112 - 65.114	rs11859474	rs13334391	<i>TK2</i>	1.32	1.06 - 1.65	0.013
16	65.143 - 65.156	rs2232722	rs16956724	<i>CKLF,CKLF-CMTM1</i>	1.32	1.06 - 1.65	0.013
16	65.159 - 65.166	rs4783568	rs7188454	<i>CKLF-CMTM1,CMTM1</i>	1.32	1.06 - 1.65	0.013
16	65.189 - 65.189	rs12448207	rs12448207	<i>CMTM2,CMTM3</i>	1.32	1.06 - 1.65	0.013
16	65.214 - 65.281	rs355949	rs11865834	<i>CMTM4</i>	1.32	1.06 - 1.65	0.013
16	65.297 - 65.310	rs583003	rs7196093	<i>CMTM4,DYNCILI2</i>	1.32	1.06 - 1.65	0.013
12	90.033 - 90.054	rs17018765	rs7954702	<i>LUM,DCN</i>	0.73	0.58 - 0.96	0.013
12	90.067 - 90.094	rs3138276	rs3138174	<i>DCN</i>	0.73	0.57 - 0.94	0.013
4	144.618 - 144.641	rs34332032	rs1912556	<i>GAB1,SMARCA5</i>	1.33	1.06 - 1.67	0.014
4	144.661 - 144.697	rs12500603	rs11732122	<i>SMARCA5</i>	1.33	1.06 - 1.67	0.014
16	64.960 - 64.984	rs11644739	rs1865977	<i>CDH5</i>	1.32	1.06 - 1.65	0.014
9	117.206 - 117.540	rs7040762	rs12005413	<i>DECI,LOC101928775</i>	0.73	0.59 - 0.97	0.014
21	28.206 - 28.304	rs8131650	rs4577362	<i>MIR5009,LINC00314</i>	1.33	1.06 - 1.67	0.014
21	28.309 - 28.311	rs2831347	rs2831350	<i>LINC00314</i>	1.33	1.06 - 1.67	0.014
21	28.326 - 28.830	rs2831377	rs2831895	<i>LINC00314,LINC00161</i>	1.33	1.06 - 1.67	0.014
1	161.599 - 161.654	rs1995785	rs4657271	<i>NUF2,LOC100422212</i>	0.73	0.57 - 0.94	0.014
9	115.101 - 115.101	rs2296073	rs2296073	<i>RNF183</i>	0.73	0.57 - 0.94	0.014
16	74.250 - 74.838	rs16942032	rs8048124	<i>TERF2IP,CNTNAP4</i>	1.30	1.02 - 1.56	0.014
4	144.489 - 144.591	rs17017625	rs17017795	<i>GAB1</i>	1.33	1.06 - 1.67	0.014
16	73.378 - 73.454	rs7202263	rs12447968	<i>FA2H,WDR59</i>	1.31	1.06 - 1.62	0.014
9	130.729 - 130.740	rs751340	rs10113912	<i>PHYHD1</i>	0.72	0.55 - 0.93	0.014
1	186.304 - 187.296	rs1323012	rs10921187	<i>PLA2G4A,BRINP3</i>	0.74	0.61 - 1	0.014
16	73.464 - 73.575	rs16948766	rs4630577	<i>WDR59</i>	1.31	1.05 - 1.61	0.014
9	36.158 - 36.158	rs7038327	rs7038327	<i>CCIN</i>	0.74	0.58 - 0.94	0.014

9	70.515 - 70.814	rs4534183	rs872077	<i>PIP5K1B</i>	0.74	0.59 - 0.94	0.014
10	15.157 - 15.168	rs7902261	rs7071859	<i>ACBD7</i>	1.31	1.05 - 1.62	0.014
10	15.172 - 15.176	rs6602809	rs9663982	<i>ACBD7,C10orf111</i>	1.31	1.06 - 1.63	0.014
10	15.177 - 15.178	rs7099479	rs7896053	<i>C10orf111</i>	1.31	1.06 - 1.63	0.014
5	35.084 - 35.084	rs13177669	rs13177669	<i>AGXT2;PRLR</i>	1.33	1.06 - 1.66	0.014
9	117.733 - 117.949	rs6478214	rs204520	<i>LINC00474,PAPPA</i>	0.73	0.57 - 0.94	0.014
10	13.319 - 13.353	rs11258281	rs10508458	<i>UCMA,PHYH</i>	1.31	1.06 - 1.63	0.014
16	63.880 - 64.166	rs12926364	rs4238836	<i>LINC00922</i>	1.31	1.03 - 1.59	0.014
2	136.496 - 136.586	rs16832509	rs2734871	<i>AC093391.2,CXCR4</i>	1.31	1.06 - 1.63	0.014
9	119.525 - 120.965	rs1927905	rs230107	<i>TLR4,BRINP1</i>	0.74	0.59 - 0.96	0.014
1	161.312 - 161.312	rs10759	rs10759	<i>RGS4</i>	0.73	0.57 - 0.94	0.014
9	114.694 - 114.789	rs4978511	rs10817420	<i>SLC46A2,ZNF883</i>	0.74	0.58 - 0.94	0.014
9	130.493 - 130.499	rs3750330	rs10733694	<i>SET</i>	0.72	0.55 - 0.94	0.014
9	130.556 - 130.567	rs4836625	rs10739734	<i>ZER1</i>	0.72	0.55 - 0.94	0.014
1	160.838 - 160.866	rs10494372	rs7544972	<i>UAPI,DDR2</i>	0.73	0.57 - 0.94	0.014
5	33.930 - 33.971	rs10521009	rs35416	<i>ADAMTS12,RXFP3</i>	1.33	1.05 - 1.66	0.014
1	196.785 - 196.867	rs16843298	rs2038926	<i>ATP6V1G3,PTPRC</i>	0.74	0.59 - 0.97	0.014
4	189.765 - 191.029	rs4241895	rs4863300	<i>LINC01060,FRG1</i>	1.32	1.06 - 1.64	0.014
11	3.144 - 3.189	rs11025728	rs4285853	<i>OSBPL5,MRGPRG</i>	0.74	0.58 - 0.95	0.014
10	16.598 - 16.598	rs6602130	rs2298126	<i>CIQL3</i>	1.31	1.06 - 1.62	0.014
4	154.939 - 155.365	rs1456390	rs4696539	<i>SFRP2,DCHS2</i>	1.33	1.03 - 1.63	0.014
18	19.529 - 19.785	rs1711455	rs2288593	<i>LAMA3</i>	1.32	1.02 - 1.6	0.014
18	19.791 - 19.817	rs1786045	rs17259549	<i>LAMA3,TTC39C</i>	1.32	1.06 - 1.65	0.014
4	189.341 - 189.611	rs4604130	rs6821958	<i>TRIML1,LINC01060</i>	1.32	1.01 - 1.59	0.014
10	13.303 - 13.308	rs4301691	rs2147278	<i>UCMA</i>	1.31	1.05 - 1.63	0.014
4	154.302 - 154.473	rs11099873	rs2405967	<i>TRIM2</i>	1.34	1.04 - 1.66	0.014
2	139.260 - 139.369	rs11883761	rs17608821	<i>NXPH2,YYIP2</i>	1.31	1.06 - 1.63	0.014
5	34.041 - 34.041	rs16892150	rs16892150	<i>AMACR</i>	1.33	1.06 - 1.67	0.015
1	160.870 - 161.017	rs4518873	rs1622198	<i>DDR2</i>	0.73	0.57 - 0.95	0.015
2	139.375 - 140.684	rs6708873	rs1008695	<i>YYIP2,LRP1B</i>	1.31	1.06 - 1.63	0.015
9	130.781 - 130.804	rs11564103	rs12685210	<i>NUP188</i>	0.72	0.55 - 0.94	0.015
9	130.835 - 130.835	rs7042889	rs7042889	<i>SH3GLB2,FAM73B</i>	0.72	0.55 - 0.94	0.015
9	130.844 - 130.844	rs16930845	rs16930845	<i>FAM73B</i>	0.72	0.55 - 0.94	0.015
9	130.888 - 130.888	rs7046961	rs7046961	<i>DOLPP1</i>	0.72	0.55 - 0.94	0.015
9	130.896 - 130.901	rs11564078	rs3118638	<i>CRAT</i>	0.72	0.55 - 0.94	0.015
9	130.916 - 130.950	rs2541164	rs4713	<i>PPP2R4</i>	0.72	0.55 - 0.94	0.015
9	130.961 - 130.970	rs7855278	rs10819474	<i>PPP2R4,IER5L</i>	0.72	0.55 - 0.94	0.015
10	13.453 - 13.514	rs10906361	rs17153252	<i>SEPHS1,BEND7</i>	1.31	1.05 - 1.62	0.015
16	64.997 - 64.997	rs7199714	rs7199714	<i>CDH5,LINC00920</i>	1.32	1.06 - 1.65	0.015
4	145.889 - 146.109	rs2353920	rs789344	<i>HHIP,ANAPC10</i>	1.33	1.05 - 1.65	0.015
2	139.144 - 139.247	rs10496799	rs16841174	<i>NXPH2</i>	1.31	1.05 - 1.63	0.015
4	144.368 - 144.475	rs6841888	rs300895	<i>USP38,GAB1</i>	1.33	1.06 - 1.67	0.015
16	74.872 - 75.136	rs8061175	rs8055168	<i>CNTNAP4</i>	1.30	1.05 - 1.59	0.015
4	143.989 - 144.318	rs4690728	rs9992969	<i>INPP4B,USP38</i>	1.33	1.05 - 1.66	0.015
4	144.333 - 144.360	rs13140326	rs11724872	<i>USP38</i>	1.33	1.06 - 1.67	0.015
16	64.999 - 64.999	rs2289149	rs2289149	<i>LINC00920</i>	1.32	1.06 - 1.64	0.015
16	65.013 - 65.015	rs35874313	rs719941	<i>LINC00920,BEAN1</i>	1.32	1.06 - 1.64	0.015
9	115.866 - 115.881	rs10817563	rs2285055	<i>AMBP</i>	0.73	0.57 - 0.94	0.015
9	115.882 - 115.891	rs1982048	rs11795402	<i>AMBP,KIF12</i>	0.73	0.57 - 0.94	0.015
21	18.562 - 18.562	rs2051359	rs2051359	<i>CHODL,TMPRSS15</i>	1.33	1.06 - 1.68	0.015
2	139.372 - 139.372	rs11886636	rs11886636	<i>YYIP2</i>	1.31	1.05 - 1.63	0.015
11	2.930 - 2.967	rs7102595	rs6578310	<i>NAPIL4</i>	0.74	0.58 - 0.95	0.015
11	2.973 - 2.973	rs739399	rs739399	<i>NAPIL4,CARS</i>	0.74	0.58 - 0.94	0.015
11	2.979 - 3.035	rs2301140	rs384490	<i>CARS</i>	0.74	0.58 - 0.94	0.015
11	2.867 - 2.876	rs10832869	rs10741735	<i>SLC22A18AS</i>	0.74	0.58 - 0.95	0.015
10	13.246 - 13.292	rs7090944	rs12779658	<i>MCM10</i>	1.31	1.04 - 1.61	0.015

10	13.294 - 13.302	rs10508455	rs727517	<i>MCM10,UCMA</i>	1.31	1.05 - 1.63	0.015
2	139.049 - 139.130	rs13388206	rs7608950	<i>SPOPL,NXPH2</i>	1.31	1.03 - 1.59	0.015
9	117.546 - 117.546	rs7045256	rs7045256	<i>LOC101928775</i>	0.74	0.57 - 0.94	0.015
1	158.953 - 158.953	rs352692	rs352692	<i>CD48,SLAMF7</i>	0.73	0.57 - 0.94	0.015
1	158.976 - 158.990	rs573702	rs526030	<i>SLAMF7</i>	0.73	0.57 - 0.94	0.015
11	2.838 - 2.838	rs10832839	rs10832839	<i>KCNQ1,KCNQ1DN</i>	0.74	0.57 - 0.94	0.015
21	27.130 - 27.130	rs229041	rs229041	<i>ADAMTS1</i>	1.33	1.06 - 1.67	0.015
1	161.658 - 161.658	rs7546952	rs7546952	<i>LOC100422212</i>	0.73	0.57 - 0.94	0.015
5	33.562 - 33.926	rs16891280	rs16891883	<i>ADAMTS12</i>	1.32	1.02 - 1.61	0.016
9	130.607 - 130.612	rs3829057	rs10988125	<i>TBC1D13</i>	0.72	0.55 - 0.94	0.016
9	130.620 - 130.620	rs2977998	rs2977998	<i>ENDOG</i>	0.72	0.55 - 0.94	0.016
11	2.879 - 2.879	rs4930027	rs4930027	<i>SLC22A18,SLC22A18AS</i>	0.74	0.57 - 0.94	0.016
11	2.882 - 2.895	rs451443	rs369638	<i>SLC22A18</i>	0.74	0.57 - 0.94	0.016
1	196.874 - 196.981	rs2274365	rs9971006	<i>PTPRC</i>	0.74	0.58 - 0.94	0.016
1	197.271 - 198.252	rs2360962	rs2816939	<i>LINC01222,NR5A2</i>	0.74	0.59 - 0.96	0.016
10	15.137 - 15.155	rs11259454	rs7093776	<i>OLAH</i>	1.31	1.05 - 1.62	0.016
11	1.732 - 1.732	rs2292963	rs2292963	<i>CTSD,MOB2</i>	0.74	0.58 - 0.94	0.016
11	1.450 - 1.693	rs11029890	rs7103274	<i>MOB2</i>	0.74	0.58 - 0.95	0.016
11	196.767 - 196.767	rs7930823	rs7930823	<i>BET1L</i>	0.74	0.58 - 0.95	0.016
11	201.447 - 201.447	rs11246002	rs11246002	<i>RIC8A</i>	0.74	0.58 - 0.95	0.016
11	207.140 - 225.619	rs3825075	rs1056098	<i>SIRT3</i>	0.74	0.58 - 0.95	0.016
11	231.489 - 243.662	rs10902111	rs7925234	<i>PSMD13</i>	0.74	0.58 - 0.95	0.016
11	244.010 - 264.780	rs6598054	rs11246045	<i>PSMD13,NLRP6</i>	0.74	0.58 - 0.95	0.016
11	273.928 - 276.134	rs4758635	rs11246052	<i>NLRP6</i>	0.74	0.58 - 0.95	0.016
11	287.970 - 288.224	rs3817640	rs2293743	<i>IFITM5</i>	0.74	0.58 - 0.95	0.016
11	297.036 - 297.036	rs3809112	rs3809112	<i>IFITM5,IFITM2</i>	0.74	0.58 - 0.95	0.016
11	299.508 - 299.508	rs741738	rs741738	<i>IFITM2</i>	0.74	0.58 - 0.95	0.016
11	326.192 - 356.710	rs9328560	rs7394810	<i>IFITM3,B4GALNT4</i>	0.74	0.58 - 0.95	0.016
11	369.097 - 369.097	rs12361394	rs12361394	<i>B4GALNT4</i>	0.74	0.58 - 0.95	0.016
11	373.554 - 373.855	rs7395918	rs7481739	<i>B4GALNT4,PKP3</i>	0.74	0.58 - 0.95	0.016
11	394.317 - 394.317	rs1134578	rs1134578	<i>PKP3</i>	0.74	0.58 - 0.95	0.016
11	426.461 - 430.343	rs11246159	rs7924341	<i>ANO9</i>	0.74	0.58 - 0.95	0.016
11	444.980 - 474.204	rs11823647	rs4963194	<i>PTDSS2</i>	0.74	0.58 - 0.95	0.016
11	492.217 - 492.217	rs7944548	rs7944548	<i>RNHI</i>	0.74	0.58 - 0.95	0.016
11	524.242 - 524.242	rs12628	rs12628	<i>HRAS</i>	0.74	0.58 - 0.95	0.016
11	555.840 - 555.840	rs1056812	rs1056812	<i>MIR210HG</i>	0.74	0.58 - 0.95	0.016
11	563.554 - 563.554	rs12286521	rs12286521	<i>LOC143666</i>	0.74	0.58 - 0.95	0.016
11	567.684 - 596.294	rs11246199	rs11246211	<i>PHRF1</i>	0.74	0.58 - 0.95	0.016
11	610.599 - 610.599	rs7932167	rs7932167	<i>CDHR5</i>	0.74	0.58 - 0.95	0.016
11	631.563 - 631.563	rs11246228	rs11246228	<i>DRD4</i>	0.74	0.58 - 0.95	0.016
11	646.845 - 682.908	rs4963126	rs6597991	<i>DEAF1</i>	0.74	0.58 - 0.95	0.016
11	723.072 - 732.508	rs6597988	rs11246299	<i>EPS8L2,TALDO1</i>	0.74	0.58 - 0.95	0.016
11	756.479 - 762.982	rs7937869	rs11823172	<i>PDDC1</i>	0.74	0.58 - 0.95	0.016
11	828.110 - 828.110	rs5030780	rs5030780	<i>CD151</i>	0.74	0.58 - 0.95	0.016
11	878.150 - 896.708	rs12577694	rs11246342	<i>CHID1</i>	0.74	0.58 - 0.95	0.016
11	932.344 - 995.108	rs10751669	rs7394783	<i>AP2A2</i>	0.74	0.58 - 0.95	0.016
11	1.030 - 1.061	rs11246385	rs2856082	<i>MUC6,MUC2</i>	0.74	0.58 - 0.95	0.016
11	1.094 - 1.094	rs7927765	rs7927765	<i>MUC2</i>	0.74	0.58 - 0.95	0.016
11	1.095 - 1.128	rs3924453	rs10794300	<i>MUC2,MUC5B</i>	0.74	0.58 - 0.95	0.016
11	1.205 - 1.229	rs2672812	rs4963059	<i>MUC5B</i>	0.74	0.58 - 0.95	0.016
11	1.258 - 1.285	rs5743998	rs5743863	<i>TOLLIP</i>	0.74	0.58 - 0.95	0.016
11	1.321 - 1.358	rs10832253	rs2090192	<i>TOLLIP-AS1,BRSK2</i>	0.74	0.58 - 0.95	0.016
11	1.375 - 1.398	rs11822087	rs10833701	<i>BRSK2</i>	0.74	0.58 - 0.95	0.016
11	1.557 - 1.576	rs7943877	rs1809667	<i>KRTAP5-AS1</i>	0.74	0.58 - 0.95	0.016
1	196.997 - 197.042	rs4915157	rs12043681	<i>PTPRC,MIR181A1HG</i>	0.74	0.58 - 0.95	0.016
1	197.044 - 197.162	rs9427431	rs1040959	<i>MIR181A1HG</i>	0.74	0.58 - 0.95	0.016

11	3.086 - 3.137	rs4542390	rs4237786	<i>OSBPL5</i>	0.74	0.58 - 0.95	0.016
10	16.607 - 16.668	rs11254053	rs17138839	<i>CIQL3,RSUI</i>	1.30	1.05 - 1.61	0.016
9	114.816 - 114.841	rs2418245	rs12378227	<i>ZNF883,ZFP37</i>	0.74	0.58 - 0.95	0.016
9	70.839 - 70.905	rs12001326	rs10869867	<i>FXN</i>	0.75	0.59 - 0.95	0.016
9	36.038 - 36.114	rs1408465	rs10116037	<i>RECK</i>	0.74	0.59 - 0.96	0.016
14	74.033 - 74.140	rs4903233	rs8006778	<i>LTBP2</i>	1.31	1.05 - 1.63	0.016
2	134.929 - 135.188	rs609164	rs16830945	<i>TMEM163</i>	1.31	1.04 - 1.61	0.016
10	14.969 - 14.970	rs17156024	rs10906776	<i>SUV39H2</i>	1.31	1.05 - 1.63	0.016
1	187.300 - 188.328	rs4388707	rs2000234	<i>NONE,BRINP3</i>	0.74	0.6 - 0.98	0.016
11	2.851 - 2.852	rs11024404	rs3987740	<i>KCNQ1DN,CDKN1C</i>	0.74	0.58 - 0.95	0.016
5	52.448 - 52.801	rs16880902	rs6880850	<i>LOC257396,FST</i>	1.31	1.04 - 1.62	0.016
21	24.618 - 25.126	rs2258266	rs2829428	<i>AP000469.2,LOC339622</i>	1.33	0.98 - 1.56	0.016
1	159.610 - 159.730	rs16832900	rs6696854	<i>C1orf192,FCGR2A</i>	0.74	0.58 - 0.95	0.016
9	115.896 - 115.896	rs7853169	rs7853169	<i>KIF12</i>	0.74	0.57 - 0.95	0.016
2	136.027 - 136.183	rs4954263	rs2304367	<i>R3HDM1</i>	1.31	1.05 - 1.62	0.016
2	136.205 - 136.205	rs6739713	rs6739713	<i>R3HDM1,UBXN4</i>	1.31	1.05 - 1.63	0.016
2	136.215 - 136.247	rs1438307	rs16832000	<i>UBXN4</i>	1.31	1.05 - 1.63	0.016
2	136.262 - 136.307	rs1042712	rs3754689	<i>LCT</i>	1.31	1.05 - 1.63	0.016
2	136.295 - 136.295	rs4954452	rs4954452	<i>LOC100507600</i>	1.31	1.05 - 1.63	0.016
5	52.819 - 52.884	rs6450138	rs1991002	<i>FST,NDUFS4</i>	1.31	1.05 - 1.64	0.016
1	158.994 - 159.026	rs11582702	rs1333065	<i>SLAMF7,LY9</i>	0.74	0.57 - 0.95	0.017
9	36.127 - 36.153	rs10758347	rs11588	<i>GLIPR2</i>	0.74	0.58 - 0.95	0.017
10	13.526 - 13.580	rs2105255	rs11258422	<i>BEND7</i>	1.30	1.05 - 1.62	0.017
2	136.601 - 137.460	rs10191360	rs1030622	<i>CXCR4,THSD7B</i>	1.31	1.05 - 1.62	0.017
9	117.958 - 118.198	rs10983069	rs10759836	<i>PAPPA</i>	0.74	0.58 - 0.95	0.017
9	36.116 - 36.120	rs4878640	rs7033900	<i>RECK,GLIPR2</i>	0.74	0.58 - 0.95	0.017
2	135.535 - 135.640	rs2874739	rs4954224	<i>RAB3GAP1</i>	1.31	1.05 - 1.62	0.017
5	50.728 - 52.114	rs7709134	rs13189973	<i>ISL1,PELO</i>	1.31	1.03 - 1.6	0.017
21	25.908 - 25.931	rs2226328	rs9647112	<i>MRPL39,JAM2</i>	1.32	1.05 - 1.66	0.017
1	161.662 - 162.783	rs4657272	rs10918042	<i>LOC100422212,PBX1</i>	0.74	0.58 - 0.96	0.017
4	146.194 - 146.208	rs11734845	rs12331496	<i>ANAPC10</i>	1.32	1.05 - 1.66	0.017
21	25.727 - 25.847	rs6516671	rs7278807	<i>LINC00158,MIR155HG</i>	1.32	1.03 - 1.63	0.017
9	70.820 - 70.837	rs10869721	rs7046232	<i>PRKACG,FXN</i>	0.75	0.59 - 0.95	0.017
9	115.961 - 116.110	rs2808784	rs1249759	<i>COL27A1</i>	0.74	0.58 - 0.95	0.017
1	188.337 - 188.712	rs16832009	rs1171049	<i>BRINP3</i>	0.74	0.58 - 0.95	0.017
10	15.002 - 15.035	rs10906777	rs3814176	<i>DCLRE1C</i>	1.30	1.05 - 1.62	0.017
10	15.050 - 15.052	rs4748116	rs2298112	<i>MEIG1</i>	1.30	1.05 - 1.62	0.017
10	15.066 - 15.113	rs12247446	rs7918081	<i>MEIG1,OLAH</i>	1.30	1.05 - 1.62	0.017
1	160.266 - 160.304	rs12072417	rs10753746	<i>OLFML2B,NOS1AP</i>	0.74	0.58 - 0.96	0.017
9	114.967 - 115.022	rs1128150	rs4979224	<i>FKBP15</i>	0.74	0.6 - 0.97	0.017
2	135.649 - 135.649	rs935614	rs935614	<i>RAB3GAP1,ZRANB3</i>	1.30	1.05 - 1.62	0.017
2	135.673 - 135.993	rs1463136	rs7605483	<i>ZRANB3</i>	1.30	1.05 - 1.62	0.017
10	13.587 - 13.666	rs6602662	rs1326213	<i>BEND7,PRPF18</i>	1.30	1.05 - 1.62	0.017
10	14.931 - 14.954	rs17155992	rs10906774	<i>HSPA14</i>	1.30	1.05 - 1.62	0.017
10	14.957 - 14.957	rs11259374	rs11259374	<i>HSPA14,SUV39H2</i>	1.30	1.05 - 1.62	0.017
10	13.387 - 13.396	rs10752292	rs615497	<i>PHYH,SEPHS1</i>	1.30	1.04 - 1.61	0.017
10	13.410 - 13.421	rs7901525	rs7914142	<i>SEPHS1</i>	1.30	1.05 - 1.62	0.017
4	147.860 - 148.084	rs2713878	rs13104820	<i>TTC29</i>	1.31	1.05 - 1.64	0.017
21	25.859 - 25.859	rs987195	rs987195	<i>MIR155HG</i>	1.32	1.05 - 1.66	0.018
21	25.878 - 25.878	rs2298369	rs2298369	<i>LINC00515</i>	1.32	1.05 - 1.66	0.018
21	25.886 - 25.899	rs2248298	rs7275556	<i>MRPL39</i>	1.32	1.05 - 1.66	0.018
1	159.499 - 159.521	rs2501862	rs11265582	<i>PCP4L1</i>	0.74	0.59 - 0.96	0.018
15	69.223 - 69.861	rs9744595	rs12594531	<i>THSD4</i>	0.74	0.58 - 0.96	0.018
9	135.212 - 135.212	rs658517	rs2051680	<i>SURF1</i>	0.73	0.56 - 0.95	0.018
9	135.218 - 135.228	rs1059773	rs1179037	<i>SURF4</i>	0.73	0.56 - 0.95	0.018
9	135.252 - 135.257	rs4962047	rs4962139	<i>C9orf96</i>	0.73	0.56 - 0.95	0.018

4	146.293 - 146.300	rs7696226	rs11734405	<i>OTUD4</i>	1.32	1.05 - 1.66	0.018
10	13.673 - 13.713	rs10906418	rs7084898	<i>PRPF18</i>	1.30	1.05 - 1.61	0.018
5	52.287 - 52.317	rs1833556	rs33445	<i>ITGA1,ITGA2</i>	1.31	1.05 - 1.63	0.018
5	52.320 - 52.418	rs26680	rs3212638	<i>ITGA2</i>	1.31	1.05 - 1.63	0.018
9	119.219 - 119.439	rs7023773	rs7032255	<i>ASTN2,RP11-500B12.1</i>	0.74	0.59 - 0.97	0.018
6	19.948 - 19.948	rs1047033	rs1047033	<i>ID4</i>	1.31	1.05 - 1.64	0.018
10	14.912 - 14.912	rs7094179	rs7094179	<i>CDNF</i>	1.30	1.05 - 1.62	0.018
4	147.396 - 147.662	rs1057560	rs41398848	<i>SLC10A7</i>	1.31	1.03 - 1.62	0.018
4	147.685 - 147.771	rs2221398	rs1394278	<i>SLC10A7,POU4F2</i>	1.31	1.05 - 1.64	0.018
4	147.799 - 147.830	rs6839918	rs4479726	<i>POU4F2,TTC29</i>	1.31	1.05 - 1.64	0.018
9	135.289 - 135.313	rs681092	rs4962153	<i>ADAMTS13</i>	0.73	0.56 - 0.95	0.018
11	2.587 - 2.674	rs7104624	rs463924	<i>KCNQ1OT1</i>	0.74	0.59 - 0.96	0.018
14	73.964 - 74.010	rs7156302	rs1029701	<i>SYNDIG1L,NPC2</i>	1.31	1.05 - 1.62	0.018
14	74.017 - 74.026	rs8008540	rs4899515	<i>NPC2</i>	1.31	1.05 - 1.63	0.018
14	74.031 - 74.032	rs4903231	rs11159086	<i>ISCA2</i>	1.31	1.05 - 1.63	0.018
15	67.652 - 67.912	rs1426075	rs304986	<i>RP11-279F6.1,LINC0059</i>	0.74	0.63 - 1.04	0.018
15	68.845 - 68.909	rs16954818	rs1290022	<i>UACA,LARP6</i>	0.74	0.58 - 0.95	0.018
18	20.234 - 20.246	rs687263	rs593099	<i>OSBPL1A,IMPACT</i>	1.31	1.05 - 1.65	0.018
18	20.264 - 20.283	rs12326723	rs2739104	<i>IMPACT</i>	1.31	1.05 - 1.65	0.018
18	20.289 - 20.290	rs16940754	rs990750	<i>IMPACT,HRH4</i>	1.31	1.05 - 1.65	0.018
18	20.299 - 20.314	rs16940762	rs527790	<i>HRH4</i>	1.31	1.05 - 1.65	0.018
18	20.319 - 20.460	rs532622	rs17259982	<i>HRH4,RP11-449D8.1</i>	1.31	1.05 - 1.65	0.018
1	161.060 - 161.089	rs1510324	rs2684878	<i>HSD17B7,C1orf110</i>	0.74	0.58 - 0.95	0.018
1	161.092 - 161.103	rs12132001	rs2805050	<i>C1orf110</i>	0.74	0.57 - 0.95	0.018
5	38.502 - 38.502	rs16903982	rs7715490	<i>EGFLAM,LIFR</i>	1.31	1.05 - 1.65	0.018
5	52.134 - 52.285	rs11742326	rs6450100	<i>ITGA1</i>	1.31	1.03 - 1.61	0.018
16	75.152 - 75.457	rs4243124	rs1021593	<i>CNTNAP4,MIR4719</i>	1.29	1.04 - 1.59	0.018
5	52.898 - 53.014	rs6450151	rs2290697	<i>NDUFS4</i>	1.31	1.04 - 1.62	0.018
5	53.023 - 53.214	rs2607503	rs11950121	<i>NDUFS4,ARL15</i>	1.31	1.05 - 1.63	0.018
5	38.597 - 38.703	rs1899940	rs11748742	<i>LIFR-AS1</i>	1.32	1.04 - 1.64	0.018
9	118.226 - 119.205	rs11999422	rs12553622	<i>ASTN2</i>	0.75	0.6 - 0.97	0.018
12	90.908 - 91.055	rs4608114	rs790575	<i>C12orf79</i>	0.74	0.59 - 0.96	0.018
11	3.342 - 3.355	rs6578339	rs10833833	<i>ZNF195</i>	0.75	0.59 - 0.96	0.019
11	3.362 - 3.364	rs7118460	rs956453	<i>LOC650368</i>	0.75	0.58 - 0.95	0.019
21	25.354 - 25.677	rs2829529	rs1475886	<i>LOC339622,LINC00158</i>	1.32	1.04 - 1.65	0.019
2	138.975 - 139.020	rs13405108	rs13004492	<i>SPOPL</i>	1.30	1.05 - 1.62	0.019
15	67.914 - 67.922	rs88505	rs2306102	<i>LINC00593</i>	0.74	0.57 - 0.95	0.019
4	147.249 - 147.261	rs4835284	rs11721669	<i>LINC01095</i>	1.31	1.05 - 1.64	0.019
4	147.266 - 147.312	rs4835286	rs9997120	<i>LINC01095,LSM6</i>	1.31	1.05 - 1.64	0.019
1	161.018 - 161.018	rs1780000	rs1780000	<i>DDR2,HSD17B7</i>	0.74	0.58 - 0.95	0.019
4	147.332 - 147.393	rs7662843	rs10519782	<i>LSM6,SLC10A7</i>	1.31	1.04 - 1.63	0.019
9	135.448 - 135.484	rs3025299	rs2519148	<i>FAM163B,DBH</i>	0.73	0.57 - 0.96	0.019
4	82.362 - 82.566	rs17005093	rs6535248	<i>PRKG2,RASGEF1B</i>	0.75	0.62 - 0.99	0.019
4	145.789 - 145.868	rs13146972	rs2353915	<i>HHIP</i>	1.32	1.05 - 1.65	0.019
1	159.529 - 159.539	rs12750393	rs4657015	<i>PCP4L1,MPZ</i>	0.74	0.58 - 0.96	0.019
1	159.967 - 159.983	rs1503813	rs10917835	<i>FCRLB,DUSP12</i>	0.74	0.59 - 0.96	0.019
1	159.999 - 159.999	rs12078104	rs12078104	<i>DUSP12,ATF6</i>	0.74	0.58 - 0.95	0.019
1	160.007 - 160.197	rs905594	rs2499851	<i>ATF6</i>	0.74	0.58 - 0.95	0.019
14	73.944 - 73.954	rs2884545	rs8007552	<i>SYNDIG1L</i>	1.30	1.04 - 1.61	0.019
5	38.297 - 38.496	rs16903908	rs6890532	<i>EGFLAM</i>	1.31	1.04 - 1.64	0.019
5	38.437 - 38.437	rs3110992	rs3110992	<i>EGFLAM-AS2</i>	1.31	1.05 - 1.65	0.019
6	102.631 - 103.186	rs6571003	rs9499194	<i>GRIK2,NONE</i>	0.74	0.6 - 0.99	0.019
6	103.209 - 104.679	rs7453806	rs9404522	<i>GRIK2,HACE1</i>	0.74	0.58 - 0.95	0.019
11	3.206 - 3.206	rs11026040	rs11026040	<i>MRGPRE</i>	0.75	0.59 - 0.95	0.019
11	3.214 - 3.334	rs10833533	rs11026708	<i>MRGPRE,ZNF195</i>	0.75	0.59 - 0.95	0.019
15	68.910 - 68.910	rs11072220	rs11072220	<i>LARP6</i>	0.74	0.58 - 0.95	0.019

15	68.942 - 69.121	rs4777314	rs1660974	<i>LRRC49</i>	0.74	0.58 - 0.95	0.019
10	13.360 - 13.381	rs4750340	rs12570229	<i>PHYH</i>	1.30	1.04 - 1.61	0.019
9	135.491 - 135.515	rs2797849	rs129919	<i>DBH</i>	0.73	0.56 - 0.95	0.019
1	160.617 - 160.623	rs12131795	rs3738395	<i>C1orf226</i>	0.74	0.58 - 0.95	0.019
1	160.626 - 160.627	rs164420	rs12085557	<i>C1orf226,SH2D1B</i>	0.74	0.58 - 0.95	0.019
1	160.634 - 160.641	rs164123	rs12746024	<i>SH2D1B</i>	0.74	0.58 - 0.95	0.019
5	53.225 - 53.642	rs271208	rs35939	<i>ARL15</i>	1.31	1.04 - 1.62	0.019
18	20.497 - 20.889	rs1680291	rs16941201	<i>RP11-449D8.1,ZNF521</i>	1.31	1.03 - 1.62	0.019
1	161.037 - 161.049	rs11589262	rs2983957	<i>HSD17B7</i>	0.74	0.58 - 0.95	0.019
10	13.183 - 13.211	rs562895	rs17152865	<i>OPTN</i>	1.30	1.01 - 1.56	0.019
4	154.122 - 154.292	rs6851926	rs7699656	<i>FHDC1,TRIM2</i>	1.32	1.02 - 1.63	0.020
9	135.852 - 135.877	rs459797	rs10993895	<i>VAV2,LINC00094</i>	0.73	0.57 - 0.96	0.020
15	68.745 - 68.832	rs2241530	rs4777305	<i>UACA</i>	0.74	0.59 - 0.97	0.020
5	52.433 - 52.434	rs12515434	rs17298473	<i>MOCS2</i>	1.30	1.04 - 1.62	0.020
5	52.447 - 52.447	rs10044163	rs10044163	<i>LOC257396</i>	1.30	1.04 - 1.62	0.020
15	68.961 - 68.961	rs17782193	rs17782193	<i>THAP10</i>	0.74	0.58 - 0.95	0.020
1	197.181 - 197.222	rs17670565	rs1938043	<i>MIR181A1HG,LINC01222</i>	0.75	0.58 - 0.96	0.020
9	118.493 - 118.497	rs803939	rs803932	<i>ASTN2,TRIM32</i>	0.75	0.58 - 0.96	0.020
9	118.502 - 118.502	rs16933835	rs16933835	<i>TRIM32</i>	0.75	0.58 - 0.96	0.020
1	160.611 - 160.611	rs164181	rs3737312	<i>C1orf111</i>	0.74	0.58 - 0.95	0.020
6	20.620 - 20.634	rs7747345	rs4429936	<i>E2F3,CDKAL1</i>	1.31	1.04 - 1.64	0.020
5	1.501 - 1.511	rs3756450	rs2937650	<i>SLC6A3,LPCAT1</i>	0.74	0.57 - 0.95	0.020
5	1.514 - 1.574	rs7737692	rs7716426	<i>LPCAT1</i>	0.74	0.57 - 0.95	0.020
9	2.008 - 2.181	rs10964427	rs3818384	<i>SMARCA2</i>	0.75	0.6 - 0.97	0.020
5	1.448 - 1.496	rs40184	rs2937639	<i>SLC6A3</i>	0.74	0.58 - 0.96	0.020
9	135.512 - 135.512	rs1611131	rs1611131	<i>DBH-AS1</i>	0.73	0.57 - 0.95	0.021
9	135.518 - 135.587	rs129886	rs3780804	<i>SARDH</i>	0.73	0.57 - 0.95	0.021
9	135.607 - 135.614	rs491220	rs10993790	<i>SARDH,VAV2</i>	0.73	0.57 - 0.95	0.021
4	154.481 - 154.483	rs6838185	rs11942354	<i>TRIM2,MND1</i>	1.31	1.04 - 1.65	0.021
4	154.498 - 154.550	rs6535915	rs9999069	<i>MND1</i>	1.31	1.04 - 1.65	0.021
9	114.899 - 114.905	rs17827840	rs17828145	<i>ZFP37,FAM225B</i>	0.75	0.59 - 0.96	0.021
9	114.906 - 114.906	rs10981630	rs10981630	<i>FAM225B</i>	0.75	0.59 - 0.96	0.021
9	114.924 - 114.951	rs10817441	rs3923601	<i>FAM225A,SLC31A2</i>	0.75	0.59 - 0.96	0.021
20	2.623 - 2.676	rs742706	rs2073126	<i>EBF4</i>	0.75	0.59 - 0.96	0.021
10	13.223 - 13.240	rs2095387	rs10796033	<i>OPTN,MCM10</i>	1.29	1.04 - 1.6	0.021
9	114.848 - 114.856	rs1411605	rs10981622	<i>ZFP37</i>	0.75	0.59 - 0.96	0.021
15	69.197 - 69.211	rs627680	rs1470266	<i>CT62,THSD4</i>	0.75	0.59 - 0.98	0.021
20	2.690 - 2.715	rs6051365	rs215529	<i>EBF4,CPXM1</i>	0.75	0.59 - 0.96	0.021
1	196.169 - 196.378	rs6667492	rs12080620	<i>LHX9,NEK7</i>	0.75	0.59 - 0.96	0.021
4	147.319 - 147.325	rs3775498	rs17814065	<i>LSM6</i>	1.30	1.04 - 1.63	0.021
19	58.715 - 58.771	rs1284518	rs8106447	<i>ZNF331</i>	0.74	0.59 - 0.98	0.022
1	159.037 - 159.060	rs6427545	rs509749	<i>LY9</i>	0.75	0.58 - 0.96	0.022
12	5.028 - 5.408	rs10774297	rs1800830	<i>KCNA5,NTF3</i>	1.30	1.03 - 1.61	0.022
14	73.800 - 73.808	rs12895803	rs11844616	<i>VSX2,ABCD4</i>	1.30	1.03 - 1.6	0.022
4	153.471 - 153.670	rs10033601	rs17028963	<i>FBXW7</i>	1.31	1.04 - 1.65	0.022
2	134.727 - 134.928	rs16830271	rs539588	<i>MGAT5</i>	1.30	1.02 - 1.58	0.022
14	73.828 - 73.829	rs7158376	rs4148077	<i>ABCD4</i>	1.30	1.04 - 1.62	0.022
14	73.849 - 73.879	rs740526	rs10132720	<i>ABCD4,VRTN</i>	1.30	1.04 - 1.62	0.022
5	38.509 - 38.590	rs6876446	rs3110969	<i>LIFR</i>	1.31	1.04 - 1.64	0.022
9	119.452 - 119.455	rs7020245	rs16905925	<i>RP11-500B12.1</i>	0.75	0.59 - 0.96	0.022
9	119.462 - 119.504	rs1329067	rs2737190	<i>RP11-500B12.1,TLR4</i>	0.75	0.59 - 0.96	0.022
9	119.509 - 119.514	rs7864330	rs5030728	<i>TLR4</i>	0.75	0.59 - 0.96	0.022
21	25.142 - 25.333	rs6516641	rs2829521	<i>LOC339622</i>	1.31	1.02 - 1.63	0.022
1	196.395 - 196.556	rs3762382	rs9628687	<i>NEK7</i>	0.75	0.59 - 0.96	0.022
12	89.977 - 89.998	rs17018627	rs991427	<i>KERA,LUM</i>	0.75	0.58 - 0.96	0.022
12	90.023 - 90.023	rs17018731	rs17018731	<i>LUM</i>	0.75	0.58 - 0.96	0.022

19	58.781 - 58.793	rs8100295	rs17207187	<i>ZNF331,LOC284379</i>	0.74	0.57 - 0.96	0.022
1	159.938 - 159.938	rs6668534	rs6668534	<i>RPL31P11,FCRLA</i>	0.75	0.58 - 0.96	0.022
1	159.943 - 159.951	rs1538972	rs905595	<i>FCRLA</i>	0.75	0.58 - 0.96	0.022
1	160.202 - 160.214	rs9783069	rs7529274	<i>ATF6,OLFML2B</i>	0.75	0.58 - 0.96	0.022
1	160.222 - 160.260	rs16835127	rs4657136	<i>OLFML2B</i>	0.75	0.58 - 0.96	0.022
1	159.547 - 159.549	rs16832801	rs4131826	<i>MPZ,SDHC</i>	0.75	0.59 - 0.96	0.022
1	159.553 - 159.599	rs16832813	rs16832859	<i>SDHC</i>	0.75	0.58 - 0.96	0.022
1	159.602 - 159.604	rs16832871	rs16832883	<i>C1orf192</i>	0.75	0.58 - 0.96	0.022
2	134.607 - 134.720	rs10200576	rs1257191	<i>MIR3679,MGAT5</i>	1.30	1.01 - 1.57	0.022
5	50.315 - 50.676	rs679678	rs7706482	<i>LOC100287592,LOC64236</i>	1.30	1.01 - 1.58	0.022
14	73.904 - 73.929	rs10142775	rs4903219	<i>VRTN,SYNDIGIL</i>	1.30	1.04 - 1.62	0.022
14	73.351 - 73.386	rs4499170	rs2159179	<i>RP5-1021I20.1,PTGR2</i>	1.30	1.02 - 1.58	0.022
5	893.44 - 191.460	rs10055084	rs6874209	<i>NONE,PLEKHG4B</i>	0.74	0.58 - 0.96	0.022
5	198.147 - 238.498	rs16900746	rs7727015	<i>PLEKHG4B</i>	0.74	0.58 - 0.96	0.022
5	245.842 - 245.842	rs2864967	rs2864967	<i>LRRC14B</i>	0.74	0.58 - 0.96	0.022
5	257.082 - 257.082	rs9312960	rs9312960	<i>CCDC127</i>	0.74	0.58 - 0.96	0.022
5	279.376 - 303.646	rs6555058	rs7706416	<i>SDHA</i>	0.74	0.58 - 0.96	0.022
5	322.234 - 322.234	rs1541822	rs1541822	<i>LOC102467073</i>	0.74	0.58 - 0.96	0.022
5	329.200 - 329.200	rs7713524	rs7713524	<i>PDCD6</i>	0.74	0.58 - 0.96	0.022
5	365.958 - 365.958	rs2015774	rs2015774	<i>AHRR,PDCD6</i>	0.74	0.58 - 0.96	0.022
5	388.889 - 491.564	rs2672747	rs2241598	<i>AHRR</i>	0.74	0.58 - 0.96	0.022
5	507.732 - 517.153	rs2672757	rs2561667	<i>EXOC3</i>	0.74	0.58 - 0.96	0.022
5	532.091 - 569.808	rs3777226	rs2434389	<i>SLC9A3</i>	0.74	0.58 - 0.96	0.022
5	580.298 - 584.225	rs3867180	rs3853656	<i>SLC9A3,MIR4456</i>	0.74	0.58 - 0.96	0.022
5	621.685 - 651.643	rs11960159	rs12523022	<i>MIR4456,RP11-310P5.1</i>	0.74	0.58 - 0.96	0.022
5	671.586 - 700.816	rs7726839	rs1697976	<i>CEP72</i>	0.74	0.58 - 0.96	0.022
5	712.605 - 738.748	rs1689671	rs386057	<i>TPPP</i>	0.74	0.58 - 0.96	0.022
5	923.619 - 937.439	rs1051630	rs10072022	<i>BRD9</i>	0.74	0.58 - 0.96	0.022
5	967.053 - 971.812	rs7705137	rs7714631	<i>TRIP13</i>	0.74	0.58 - 0.96	0.022
5	972.497 - 1.034	rs13179524	rs10065177	<i>TRIP13,LOC100506688</i>	0.74	0.58 - 0.96	0.022
5	1.041 - 1.049	rs4975533	rs7443724	<i>LOC100506688</i>	0.74	0.58 - 0.96	0.022
5	1.055 - 1.056	rs326050	rs2241971	<i>LOC100506688,NKD2</i>	0.74	0.58 - 0.96	0.022
5	1.064 - 1.067	rs6869901	rs11134392	<i>NKD2</i>	0.74	0.58 - 0.96	0.022
5	1.107 - 1.160	rs4975569	rs4535497	<i>SLC12A7</i>	0.74	0.58 - 0.96	0.022
5	1.177 - 1.212	rs12653975	rs11133652	<i>SLC12A7,CTD-3080P12.3</i>	0.74	0.58 - 0.96	0.022
5	1.239 - 1.244	rs4246740	rs10060236	<i>CTD-3080P12.3,SLC6A19</i>	0.74	0.58 - 0.96	0.022
5	1.264 - 1.277	rs7444093	rs11744165	<i>SLC6A19</i>	0.74	0.58 - 0.96	0.022
5	1.278 - 1.296	rs7724858	rs13361701	<i>SLC6A18</i>	0.74	0.58 - 0.96	0.022
5	1.301 - 1.301	rs12513872	rs12513872	<i>SLC6A18,TERT</i>	0.74	0.58 - 0.96	0.022
5	1.310 - 1.322	rs2736122	rs6882077	<i>TERT</i>	0.74	0.58 - 0.96	0.022
5	1.353 - 1.353	rs2853668	rs2735845	<i>TERT,MIR4457</i>	0.74	0.58 - 0.96	0.022
5	1.368 - 1.368	rs4975615	rs4975615	<i>MIR4457,CLPTMIL</i>	0.74	0.58 - 0.96	0.022
5	1.374 - 1.378	rs10073340	rs465498	<i>CLPTMIL</i>	0.74	0.58 - 0.96	0.022
5	1.412 - 1.444	rs27064	rs11133762	<i>CLPTMIL,SLC6A3</i>	0.74	0.58 - 0.96	0.022
5	38.322 - 38.325	rs10473093	rs919290	<i>EGFLAM-AS4</i>	1.30	1.04 - 1.63	0.022
11	81.286 - 82.114	rs1112922	rs7943226	<i>MIR4300,FAM181B</i>	0.75	0.61 - 0.99	0.022
20	2.595 - 2.615	rs2422824	rs6037336	<i>IDH3B,EBF4</i>	0.75	0.6 - 0.98	0.022
5	38.720 - 38.726	rs6451402	rs2471156	<i>LIFR-ASI,CTD-2127H9.1</i>	1.30	1.04 - 1.64	0.022
1	159.952 - 159.955	rs10917750	rs10917768	<i>FCRLA,FCRLB</i>	0.75	0.59 - 0.96	0.022
1	159.959 - 159.961	rs4657093	rs12079477	<i>FCRLB</i>	0.75	0.59 - 0.96	0.022
9	135.888 - 135.918	rs443876	rs736902	<i>BRD3</i>	0.74	0.57 - 0.96	0.022
9	135.926 - 135.982	rs756679	rs4358859	<i>BRD3,WDR5</i>	0.74	0.57 - 0.96	0.022
2	140.711 - 142.602	rs1492388	rs11904731	<i>LRP1B</i>	1.29	1.01 - 1.56	0.023
1	196.150 - 196.164	rs937491	rs10801633	<i>LHX9</i>	0.75	0.59 - 0.96	0.023
14	73.408 - 73.418	rs17782222	rs6574151	<i>PTGR2</i>	1.29	1.04 - 1.61	0.023
14	73.426 - 73.467	rs11628074	rs8004396	<i>ZNF410</i>	1.29	1.04 - 1.61	0.023

14	73.468 - 73.469	rs6574155	rs2336547	<i>FAM161B,ZNF410</i>	1.29	1.04 - 1.61	0.023
14	73.475 - 73.480	rs7157725	rs758241	<i>FAM161B</i>	1.29	1.04 - 1.61	0.023
14	73.486 - 73.486	rs17094161	rs17094161	<i>COQ6,FAM161B</i>	1.29	1.04 - 1.61	0.023
14	73.490 - 73.496	rs17094182	rs2072291	<i>COQ6</i>	1.29	1.04 - 1.61	0.023
1	182.625 - 182.864	rs10911593	rs8972	<i>C1orf21</i>	0.75	0.6 - 0.98	0.023
1	195.474 - 195.704	rs12128816	rs16841553	<i>CRBI</i>	0.75	0.59 - 0.97	0.023
1	195.753 - 196.005	rs16829918	rs2488395	<i>DENND1B</i>	0.75	0.59 - 0.96	0.023
9	131.125 - 131.125	rs6478890	rs6478890	<i>C9orf106</i>	0.73	0.56 - 0.96	0.023
9	131.133 - 131.279	rs7034014	rs7867237	<i>C9orf106,LINC00963</i>	0.73	0.56 - 0.96	0.023
1	196.013 - 196.134	rs12081207	rs10922325	<i>DENND1B,C1orf53</i>	0.75	0.59 - 0.96	0.023
4	153.767 - 153.821	rs3922934	rs6851146	<i>TMEM154</i>	1.31	1.02 - 1.62	0.023
4	153.824 - 153.902	rs4076085	rs6817172	<i>TMEM154,TIGD4</i>	1.31	1.04 - 1.64	0.023
9	116.610 - 116.684	rs1407308	rs7028891	<i>TNFSF15,TNFSF8</i>	0.75	0.59 - 0.97	0.023
1	159.193 - 159.223	rs2255847	rs2990701	<i>ITLN2,F11R</i>	0.75	0.58 - 0.96	0.023
1	159.234 - 159.244	rs1062826	rs2247596	<i>F11R</i>	0.75	0.58 - 0.96	0.023
1	159.262 - 159.267	rs7546890	rs12030262	<i>F11R,TSTD1</i>	0.75	0.58 - 0.96	0.023
1	197.228 - 197.251	rs1892433	rs6700776	<i>LINC01222</i>	0.75	0.59 - 0.96	0.023
1	159.123 - 159.178	rs4656958	rs12058351	<i>ITLN1,ITLN2</i>	0.75	0.59 - 0.96	0.023
1	159.186 - 159.186	rs12059277	rs12095682	<i>ITLN2</i>	0.75	0.58 - 0.96	0.023
1	196.144 - 196.144	rs10754236	rs10754236	<i>C1orf53</i>	0.75	0.59 - 0.96	0.023
4	148.620 - 148.684	rs6841581	rs5341	<i>EDNRA</i>	1.30	1.04 - 1.63	0.023
14	73.509 - 73.553	rs17094445	rs7147063	<i>ENTPD5</i>	1.29	1.04 - 1.61	0.023
5	38.734 - 38.873	rs6867640	rs16867780	<i>CTD-2127H9.1</i>	1.30	1.04 - 1.64	0.023
5	38.746 - 38.753	rs6870368	rs10064898	<i>CTD-2127H9.1,LOC10192</i>	1.30	1.04 - 1.64	0.023
9	118.317 - 118.356	rs4837584	rs10983233	<i>RP11-264C15.2</i>	0.75	0.59 - 0.97	0.023
9	135.316 - 135.318	rs739467	rs3124765	<i>CACFD1</i>	0.74	0.57 - 0.96	0.023
9	135.352 - 135.358	rs4962157	rs9331726	<i>SLC2A6,TMEM8C</i>	0.74	0.57 - 0.96	0.023
9	135.398 - 135.402	rs11537116	rs10120207	<i>ADAMTSL2</i>	0.74	0.57 - 0.96	0.023
11	82.843 - 85.012	rs4411300	rs17208492	<i>DLG2</i>	0.75	0.61 - 0.98	0.023
1	195.182 - 195.182	rs6674522	rs6674522	<i>CFHR2</i>	0.75	0.59 - 0.96	0.023
1	195.208 - 195.208	rs6675769	rs6675769	<i>CFHR2,CFHR5</i>	0.75	0.59 - 0.96	0.023
9	116.203 - 116.302	rs10759694	rs4979416	<i>DFNB31</i>	0.75	0.59 - 0.97	0.023
1	196.569 - 196.756	rs957388	rs10494777	<i>NEK7,ATP6V1G3</i>	0.75	0.59 - 0.96	0.024
4	148.090 - 148.616	rs7664149	rs4333164	<i>TTC29,EDNRA</i>	1.30	1.03 - 1.61	0.024
14	74.969 - 75.009	rs12587854	rs6574235	<i>JDP2</i>	1.29	1.03 - 1.6	0.024
1	159.469 - 159.471	rs7527212	rs2501873	<i>NR1I3</i>	0.75	0.59 - 0.96	0.024
1	159.484 - 159.491	rs2502807	rs4656997	<i>NR1I3,PCP4L1</i>	0.75	0.59 - 0.96	0.024
4	153.701 - 153.765	rs7679788	rs6841598	<i>DKFZP434I0714,TMEM154</i>	1.31	1.04 - 1.64	0.024
18	20.900 - 21.172	rs4800203	rs12456829	<i>ZNF521</i>	1.30	1.04 - 1.63	0.024
1	194.907 - 194.975	rs16840401	rs424535	<i>CFH</i>	0.76	0.59 - 0.97	0.024
9	135.882 - 135.882	rs12342876	rs408307	<i>LINC00094</i>	0.74	0.57 - 0.96	0.024
1	189.041 - 190.384	rs692962	rs6687273	<i>RP11-463J7.2,RGS18</i>	0.75	0.61 - 0.99	0.024
14	73.637 - 73.736	rs2300193	rs887595	<i>LIN52</i>	1.29	1.03 - 1.6	0.024
1	183.578 - 183.949	rs7550745	rs7520399	<i>GSI-279B7.1,HMCN1</i>	0.76	0.63 - 1.02	0.024
1	159.065 - 159.100	rs11265492	rs4656943	<i>CD244</i>	0.75	0.59 - 0.96	0.024
1	159.100 - 159.111	rs12038419	rs952804	<i>CD244,ITLN1</i>	0.75	0.59 - 0.96	0.024
1	159.112 - 159.121	rs11265506	rs2039415	<i>ITLN1</i>	0.75	0.59 - 0.96	0.024
1	159.277 - 159.281	rs2073656	rs2516837	<i>USF1</i>	0.75	0.59 - 0.96	0.024
9	136.236 - 136.345	rs7023064	rs12339163	<i>RNU6ATAC,RXRA</i>	0.74	0.57 - 0.96	0.024
11	82.125 - 82.207	rs1977993	rs11233326	<i>FAM181B,PRCP</i>	0.76	0.6 - 0.97	0.024
14	74.479 - 74.485	rs10138685	rs2268614	<i>PGF</i>	1.29	1.03 - 1.61	0.024
14	74.506 - 74.522	rs175001	rs175011	<i>PGF,EIF2B2</i>	1.29	1.03 - 1.61	0.024
1	159.459 - 159.459	rs5085	rs5085	<i>APOA2</i>	0.75	0.59 - 0.96	0.024
21	21.293 - 21.825	rs7510019	rs2826879	<i>NCAM2</i>	1.31	1.03 - 1.64	0.024
1	195.213 - 195.239	rs12755054	rs12116643	<i>CFHR5</i>	0.76	0.59 - 0.96	0.025
5	52.130 - 52.130	rs4865747	rs4865747	<i>ITGAI,PELO</i>	1.29	1.03 - 1.61	0.025

5	52.133 - 52.134	rs11886	rs7356703	<i>PELO</i>	1.29	1.03 - 1.61	0.025
14	73.568 - 73.581	rs7161721	rs2336751	<i>CCDC176</i>	1.29	1.03 - 1.61	0.025
9	116.310 - 116.377	rs1408524	rs751653	<i>DFNB31,ATP6V1G1</i>	0.76	0.59 - 0.97	0.025
20	2.773 - 2.785	rs6132976	rs6037426	<i>VPS16</i>	0.76	0.6 - 0.97	0.025
14	74.392 - 74.392	rs10483863	rs10483863	<i>PROX2</i>	1.29	1.03 - 1.61	0.025
14	74.409 - 74.410	rs11851433	rs4903262	<i>PROX2,DLST</i>	1.29	1.03 - 1.61	0.025
1	194.846 - 194.876	rs10801551	rs16840355	<i>KCNT2,CFH</i>	0.76	0.6 - 0.97	0.025
1	166.665 - 166.768	rs1108157	rs10429892	<i>RP5-968D22.1,XCL2</i>	0.74	0.59 - 0.99	0.025
1	159.455 - 159.456	rs11421	rs7528588	<i>FCER1G</i>	0.75	0.59 - 0.97	0.025
9	116.141 - 116.197	rs1038776	rs17231346	<i>AKNA</i>	0.76	0.6 - 0.99	0.025
19	58.797 - 58.799	rs16985066	rs10424747	<i>LOC284379</i>	0.74	0.58 - 0.96	0.025
5	32.828 - 32.982	rs16890354	rs4292459	<i>NPR3,LOC340113</i>	1.30	1.02 - 1.6	0.025
5	32.982 - 32.997	rs10045185	rs10941035	<i>LOC340113</i>	1.30	1.03 - 1.63	0.025
5	33.000 - 33.471	rs1494656	rs1080	<i>LOC340113,TARS</i>	1.30	1.03 - 1.63	0.025
14	73.775 - 73.796	rs1860714	rs10144586	<i>VSNX2</i>	1.29	1.03 - 1.6	0.025
4	154.850 - 154.897	rs2405432	rs6857680	<i>RNF175</i>	1.30	1.03 - 1.63	0.025
1	181.488 - 181.648	rs503243	rs2492288	<i>NMNAT2</i>	0.76	0.59 - 0.97	0.025
5	53.656 - 53.783	rs17513363	rs4282275	<i>ARL15,HSPB3</i>	1.29	1.03 - 1.62	0.025
1	159.409 - 159.411	rs11579514	rs3813620	<i>B4GALT3</i>	0.75	0.59 - 0.97	0.025
1	159.445 - 159.446	rs3924264	rs4656994	<i>NDUFS2</i>	0.75	0.59 - 0.97	0.025
1	196.764 - 196.773	rs16843254	rs16843265	<i>ATP6V1G3</i>	0.76	0.59 - 0.97	0.025
14	73.738 - 73.763	rs4377099	rs1124766	<i>LIN52,VSX2</i>	1.29	1.03 - 1.6	0.025
9	135.435 - 135.435	rs876576	rs876576	<i>FAM163B</i>	0.74	0.57 - 0.96	0.026
1	190.447 - 190.549	rs1181652	rs1339129	<i>RGS18,RGS21</i>	0.75	0.6 - 0.98	0.026
5	40.091 - 40.713	rs4957237	rs4957341	<i>LINC00603,PTGER4</i>	1.29	0.99 - 1.56	0.026
1	167.828 - 167.852	rs3917832	rs3917705	<i>SELP</i>	0.74	0.57 - 0.97	0.026
9	70.907 - 70.923	rs11145228	rs11145330	<i>FXN,TJP2</i>	0.76	0.6 - 0.97	0.026
9	70.936 - 71.052	rs7048937	rs2095876	<i>TJP2</i>	0.76	0.6 - 0.97	0.026
10	13.715 - 13.723	rs10906433	rs4750392	<i>PRPF18,FRMD4A</i>	1.28	1.03 - 1.59	0.026
14	74.545 - 74.545	rs175045	rs175045	<i>EIF2B2</i>	1.29	1.03 - 1.6	0.026
14	74.559 - 74.588	rs175057	rs175083	<i>MLH3</i>	1.29	1.03 - 1.6	0.026
14	74.419 - 74.435	rs8007114	rs732765	<i>DLST</i>	1.29	1.03 - 1.61	0.026
4	154.611 - 154.773	rs1836400	rs11099892	<i>KIAA0922</i>	1.30	1.01 - 1.61	0.026
4	154.778 - 154.810	rs7687239	rs6814974	<i>KIAA0922,TLR2</i>	1.30	1.03 - 1.63	0.026
9	114.955 - 114.964	rs11794048	rs10513187	<i>SLC31A2</i>	0.76	0.59 - 0.97	0.026
20	2.748 - 2.748	rs7360412	rs7360412	<i>TMEM239,PCED1A</i>	0.76	0.6 - 0.97	0.026
1	159.311 - 159.324	rs4559524	rs1411614	<i>PVRL4</i>	0.75	0.59 - 0.97	0.026
1	159.327 - 159.328	rs11265550	rs12739089	<i>PVRL4,KLHDC9</i>	0.75	0.59 - 0.97	0.026
1	159.340 - 159.350	rs4078017	rs11265554	<i>PFDN2</i>	0.75	0.59 - 0.97	0.026
1	159.359 - 159.359	rs17389237	rs17389237	<i>DEDD,NIT1</i>	0.75	0.59 - 0.97	0.026
1	159.381 - 159.381	rs10732962	rs10732962	<i>DEDD,UFC1</i>	0.75	0.59 - 0.97	0.026
1	159.393 - 159.393	rs12031437	rs12031437	<i>UFC1</i>	0.75	0.59 - 0.97	0.026
4	154.902 - 154.919	rs6841173	rs11099910	<i>RNF175,SFRP2</i>	1.30	1.03 - 1.63	0.026
4	154.923 - 154.930	rs17030434	rs11937424	<i>SFRP2</i>	1.30	1.03 - 1.63	0.026
1	195.259 - 195.273	rs2336597	rs13375369	<i>CFHR5,F13B</i>	0.76	0.59 - 0.97	0.026
1	195.274 - 195.302	rs857021	rs4915148	<i>F13B</i>	0.76	0.59 - 0.97	0.026
1	195.320 - 195.380	rs1537318	rs6656858	<i>ASPM</i>	0.76	0.59 - 0.97	0.026
1	195.419 - 195.432	rs7520503	rs7516246	<i>ZBTB41</i>	0.76	0.59 - 0.97	0.026
5	38.884 - 38.971	rs17458706	rs1051942	<i>OSMR</i>	1.30	1.03 - 1.63	0.026
4	148.690 - 148.755	rs10028838	rs931779	<i>EDNRA,TMEM184C</i>	1.29	1.03 - 1.62	0.026
21	33.468 - 33.521	rs2834127	rs9636866	<i>C21orf54,IFNAR2</i>	1.29	1.02 - 1.6	0.026
1	159.284 - 159.284	rs2774279	rs2774279	<i>ARHGAP30</i>	0.75	0.59 - 0.97	0.026
4	154.844 - 154.847	rs3804099	rs7656411	<i>TLR2</i>	1.30	1.03 - 1.63	0.026
1	184.434 - 184.456	rs10752963	rs1743664	<i>HMCN1,RNU6-72P</i>	0.76	0.6 - 0.97	0.026
1	184.465 - 184.521	rs12744079	rs857590	<i>RNU6-72P</i>	0.76	0.6 - 0.97	0.026
1	194.505 - 194.840	rs2477354	rs13376190	<i>KCNT2</i>	0.76	0.6 - 0.97	0.026

9	131.300 - 131.309	rs10819528	rs1721643	<i>LINC00963</i>	0.74	0.57 - 0.97	0.026
9	116.390 - 116.400	rs10982318	rs7868842	<i>ATP6V1G1</i>	0.76	0.59 - 0.97	0.026
9	116.410 - 116.410	rs4978600	rs4978600	<i>ATP6V1G1,C9orf91</i>	0.76	0.59 - 0.97	0.026
9	116.415 - 116.445	rs4979443	rs7027937	<i>C9orf91</i>	0.76	0.59 - 0.97	0.026
20	2.735 - 2.735	rs127073	rs127073	<i>CPXM1,C20orf141</i>	0.76	0.6 - 0.97	0.026
20	2.744 - 2.744	rs12625619	rs12625619	<i>C20orf141</i>	0.76	0.6 - 0.97	0.026
18	20.461 - 20.496	rs339869	rs7229976	<i>RP11-449D8.1</i>	1.29	1.02 - 1.61	0.026
4	148.770 - 148.776	rs10519911	rs2718447	<i>TMEM184C</i>	1.29	1.03 - 1.62	0.026
4	148.794 - 148.819	rs2718453	rs7687368	<i>PRMT9</i>	1.29	1.03 - 1.62	0.026
4	148.836 - 148.868	rs10010585	rs12502667	<i>PRMT9,ARHGAP10</i>	1.29	1.03 - 1.62	0.026
14	74.837 - 74.958	rs8021524	rs2049822	<i>RP11-293M10.5,JDP2</i>	1.29	1.02 - 1.59	0.027
14	73.607 - 73.619	rs2072294	rs4646855	<i>ALDH6A1</i>	1.29	1.03 - 1.6	0.027
5	50.703 - 50.711	rs12188225	rs6449600	<i>LOC642366</i>	1.28	1.03 - 1.6	0.027
15	69.150 - 69.188	rs1614625	rs1574742	<i>LRRC49,CT62</i>	0.75	0.59 - 0.97	0.027
4	181.205 - 182.208	rs1994816	rs17070508	<i>NONE,LINC00290</i>	1.28	0.96 - 1.5	0.027
1	193.507 - 194.454	rs16838214	rs1998712	<i>NONE,KCNT2</i>	0.76	0.65 - 1.04	0.027
1	190.612 - 190.808	rs12085460	rs10921198	<i>RGS21,RGS1</i>	0.75	0.59 - 0.97	0.027
9	116.451 - 116.456	rs10982355	rs10817660	<i>C9orf91,RP11-402G3.3</i>	0.76	0.59 - 0.97	0.027
9	116.470 - 116.483	rs1359992	rs7043282	<i>RP11-402G3.3</i>	0.76	0.59 - 0.97	0.027
2	142.608 - 143.341	rs997357	rs16858148	<i>LRP1B,KYNU</i>	1.28	1.01 - 1.58	0.027
16	63.723 - 63.865	rs11643705	rs1423772	<i>CDH11,LINC00922</i>	1.28	1.02 - 1.58	0.027
14	74.153 - 74.181	rs4903249	rs10047892	<i>LTBP2,AREL1</i>	1.29	1.03 - 1.6	0.027
9	116.591 - 116.606	rs12682881	rs4263839	<i>TNFSF15</i>	0.76	0.6 - 0.97	0.027
5	39.025 - 39.104	rs2592305	rs16868069	<i>RICTOR</i>	1.29	1.03 - 1.63	0.027
5	39.117 - 39.131	rs10057563	rs358515	<i>RICTOR,FYB</i>	1.29	1.03 - 1.63	0.027
5	39.140 - 39.307	rs358503	rs263291	<i>FYB</i>	1.29	1.03 - 1.63	0.027
20	2.723 - 2.723	rs127078	rs127078	<i>CPXM1</i>	0.76	0.6 - 0.97	0.027
1	188.716 - 188.849	rs16832366	rs16832534	<i>BRINP3,RP11-463J7.2</i>	0.76	0.59 - 0.97	0.027
1	188.860 - 189.037	rs1170924	rs649580	<i>RP11-463J7.2</i>	0.76	0.59 - 0.97	0.027
5	50.717 - 50.720	rs3792733	rs3811911	<i>ISL1</i>	1.28	1.03 - 1.6	0.027
14	74.607 - 74.615	rs3742778	rs175490	<i>ZC2HC1C</i>	1.28	1.03 - 1.6	0.027
14	74.625 - 74.658	rs10142683	rs11623413	<i>NEK9</i>	1.28	1.03 - 1.6	0.027
4	153.935 - 154.048	rs4305500	rs7657160	<i>ARFIP1</i>	1.30	1.03 - 1.63	0.028
1	181.424 - 181.479	rs522372	rs599630	<i>LAMC2</i>	0.76	0.6 - 0.98	0.028
1	184.548 - 184.606	rs7756	rs3124814	<i>TPR</i>	0.76	0.6 - 0.97	0.028
1	184.625 - 184.647	rs1003127	rs7547924	<i>C1orf27</i>	0.76	0.6 - 0.97	0.028
1	184.670 - 184.678	rs10911861	rs1882926	<i>C1orf27,PDC</i>	0.76	0.6 - 0.97	0.028
1	184.719 - 184.894	rs10911871	rs9783017	<i>PDC,PTGS2</i>	0.76	0.6 - 0.97	0.028
5	1.578 - 1.621	rs7700579	rs13188808	<i>LPCAT1,SDHAP3</i>	0.75	0.58 - 0.97	0.028
9	35.950 - 36.024	rs12378268	rs6476508	<i>OR2S2,RECK</i>	0.76	0.6 - 0.98	0.028
12	4.901 - 5.020	rs4765793	rs3759356	<i>KCNA1,KCNA5</i>	1.28	0.98 - 1.54	0.028
12	5.025 - 5.026	rs1056468	rs12811075	<i>KCNA5</i>	1.28	1.03 - 1.61	0.028
1	190.555 - 190.576	rs1124172	rs12087502	<i>RGS21</i>	0.76	0.59 - 0.97	0.028
9	116.943 - 117.205	rs2012775	rs10982726	<i>DEC1</i>	0.76	0.6 - 0.98	0.028
5	1.691 - 1.758	rs4975681	rs16883484	<i>LOC728613,MIR4277</i>	0.75	0.58 - 0.97	0.028
16	76.691 - 77.804	rs4887935	rs395050	<i>WVOX</i>	1.27	1.01 - 1.55	0.028
19	59.878 - 59.907	rs7258577	rs10416527	<i>LILRB4,LILRP2</i>	0.75	0.58 - 0.98	0.028
21	25.679 - 25.719	rs2829719	rs2829746	<i>LINC00158</i>	1.29	1.03 - 1.62	0.028
20	4.182 - 4.613	rs6052460	rs2756271	<i>ADRA1D,PRNP</i>	0.76	0.61 - 0.98	0.028
1	166.315 - 166.361	rs10918822	rs10489208	<i>GPR161</i>	0.75	0.59 - 0.98	0.028
1	166.384 - 166.408	rs2902569	rs12058479	<i>GPR161,TIPRL</i>	0.75	0.57 - 0.97	0.028
12	91.622 - 91.622	rs7955444	rs7955444	<i>C12orf74</i>	0.76	0.59 - 0.97	0.028
12	91.636 - 91.649	rs10859366	rs7972216	<i>C12orf74,PLEKHG7</i>	0.76	0.59 - 0.97	0.028
18	19.367 - 19.421	rs2510344	rs1788774	<i>NPC1</i>	1.28	1.02 - 1.59	0.028
18	19.429 - 19.429	rs1617407	rs1652359	<i>NPC1,ANKRD29</i>	1.28	1.03 - 1.6	0.028
18	19.446 - 19.494	rs1652366	rs11877542	<i>ANKRD29</i>	1.28	1.03 - 1.6	0.028

16	75.874 - 76.024	rs3743754	rs1493889	<i>ADAMTS18</i>	1.27	1.01 - 1.55	0.028
9	21.555 - 21.791	rs7033598	rs1440994	<i>MIR31HG,MTAP</i>	0.76	0.61 - 0.98	0.028
1	181.662 - 181.679	rs1338374	rs6675191	<i>NMNAT2,SMG7-AS1</i>	0.76	0.59 - 0.97	0.028
18	19.132 - 19.257	rs8085150	rs2037640	<i>TMEM241</i>	1.28	1.01 - 1.58	0.028
3	188.955 - 189.349	rs7340621	rs9879894	<i>BCL6,LPP-AS2</i>	0.76	0.64 - 1.04	0.028
18	18.261 - 18.766	rs10048227	rs7239066	<i>CTAGE1,RBBP8</i>	1.28	1.03 - 1.59	0.028
19	58.801 - 58.823	rs4803149	rs4801994	<i>LOC284379,DPRX</i>	0.75	0.58 - 0.97	0.028
19	58.834 - 58.857	rs1293703	rs10424573	<i>DPRX,MIR512-2</i>	0.75	0.58 - 0.97	0.028
19	58.880 - 58.880	rs8106416	rs8106416	<i>MIR515-1,MIR515-2</i>	0.75	0.58 - 0.97	0.028
19	58.888 - 58.888	rs11881257	rs11881257	<i>MIR520A,MIR526B</i>	0.75	0.58 - 0.97	0.028
19	58.889 - 58.890	rs10413288	rs10420348	<i>MIR519B,MIR526B</i>	0.75	0.58 - 0.97	0.028
19	58.889 - 58.889	rs10415265	rs10415265	<i>MIR519B;MIR526B</i>	0.75	0.58 - 0.97	0.028
19	58.891 - 58.891	rs10402647	rs10402647	<i>MIR519B</i>	0.75	0.58 - 0.97	0.028
19	58.901 - 58.901	rs4803164	rs4803164	<i>MIR526A1</i>	0.75	0.58 - 0.97	0.028
19	58.903 - 58.903	rs7256241	rs7256241	<i>MIR518C</i>	0.75	0.58 - 0.97	0.028
19	58.911 - 58.911	rs13382088	rs13382088	<i>MIR521-2</i>	0.75	0.58 - 0.97	0.028
19	58.914 - 58.914	rs9304754	rs9304754	<i>MIR520D</i>	0.75	0.58 - 0.97	0.028
21	33.525 - 33.556	rs2248202	rs9984273	<i>IFNAR2</i>	1.29	1.01 - 1.59	0.029
1	167.928 - 167.943	rs4987373	rs3177980	<i>SELL</i>	0.75	0.58 - 0.97	0.029
1	167.954 - 167.957	rs4656704	rs12038818	<i>SELL,SELE</i>	0.75	0.58 - 0.97	0.029
1	167.958 - 167.967	rs4786	rs3917412	<i>SELE</i>	0.75	0.58 - 0.97	0.029
1	167.880 - 167.915	rs10919202	rs6663862	<i>SELP,SELL</i>	0.75	0.59 - 0.98	0.029
12	89.887 - 89.921	rs1882146	rs2141678	<i>EPYC</i>	0.76	0.6 - 0.98	0.029
12	89.926 - 89.966	rs1920744	rs11105946	<i>EPYC,KERA</i>	0.76	0.59 - 0.97	0.029
12	89.968 - 89.976	rs10859100	rs3920455	<i>KERA</i>	0.76	0.59 - 0.97	0.029
16	76.032 - 76.311	rs1317683	rs12103396	<i>ADAMTS18,NUDT7</i>	1.27	1.03 - 1.57	0.029
14	74.671 - 74.709	rs876402	rs2300601	<i>TMED10</i>	1.28	1.03 - 1.6	0.029
14	74.440 - 74.440	rs4903268	rs4903268	<i>RPS6KL1</i>	1.28	1.03 - 1.6	0.029
14	74.473 - 74.473	rs887746	rs887746	<i>RPS6KL1,PGF</i>	1.28	1.03 - 1.6	0.029
9	5.565 - 5.611	rs12684209	rs10975202	<i>PDCD1LG2,KIAA1432</i>	0.77	0.6 - 0.97	0.029
9	116.486 - 116.584	rs12685734	rs7857786	<i>RP11-402G3.3,TNFSF15</i>	0.76	0.6 - 0.97	0.029
9	1.048 - 2.001	rs10809101	rs10757112	<i>DMRT2,SMARCA2</i>	0.77	0.64 - 1.03	0.029
18	12.779 - 12.870	rs2542160	rs7241650	<i>PTPN2</i>	1.28	1.02 - 1.58	0.029
5	33.477 - 33.497	rs3849683	rs2270905	<i>TARS</i>	1.29	1.03 - 1.62	0.029
1	166.044 - 166.149	rs4657720	rs203782	<i>ADCY10</i>	0.75	0.59 - 0.99	0.029
11	3.644 - 3.648	rs2741862	rs2672216	<i>CHRNA10</i>	0.76	0.6 - 0.98	0.029
11	3.654 - 3.772	rs16929828	rs11029779	<i>NUP98</i>	0.76	0.6 - 0.97	0.029
9	118.208 - 118.226	rs10983139	rs3747832	<i>PAPPA,ASTN2</i>	0.76	0.6 - 0.97	0.029
9	118.200 - 118.200	rs8653	rs8653	<i>PAPPA-AS1</i>	0.76	0.6 - 0.97	0.029
2	202.656 - 202.770	rs13397682	rs13015146	<i>LOC100652824</i>	0.77	0.61 - 0.99	0.029
11	3.775 - 3.803	rs7116540	rs1055640	<i>PGAP2</i>	0.77	0.6 - 0.97	0.029
18	21.189 - 21.837	rs4265900	rs16942056	<i>ZNF521,SSI8</i>	1.29	1.03 - 1.62	0.030
16	74.123 - 74.123	rs4149504	rs4149504	<i>CHST5</i>	1.27	1.02 - 1.57	0.030
16	74.131 - 74.146	rs2550911	rs12598751	<i>TMEM231</i>	1.27	1.02 - 1.57	0.030
16	74.160 - 74.161	rs11149841	rs6564267	<i>GABARAPL2</i>	1.27	1.02 - 1.57	0.030
16	74.174 - 74.181	rs9934159	rs7196038	<i>GABARAPL2,ADAT1</i>	1.27	1.02 - 1.57	0.030
16	74.206 - 74.214	rs11149843	rs11642599	<i>ADAT1</i>	1.27	1.02 - 1.57	0.030
4	154.082 - 154.120	rs1474028	rs4696373	<i>FHDC1</i>	1.29	1.01 - 1.6	0.030
18	12.881 - 12.927	rs908579	rs8083404	<i>PTPN2,SEH1L</i>	1.28	1.02 - 1.59	0.030
21	33.559 - 33.559	rs999788	rs999788	<i>IL10RB-AS1</i>	1.29	1.03 - 1.61	0.030
11	3.806 - 3.815	rs7929197	rs1349542	<i>RHOG</i>	0.77	0.6 - 0.98	0.030
21	21.839 - 22.015	rs2826896	rs2826969	<i>NCAM2,LINC00317</i>	1.30	1.03 - 1.64	0.030
18	19.504 - 19.517	rs17259361	rs8083184	<i>ANKRD29,LAMA3</i>	1.28	1.02 - 1.6	0.030
9	8.310 - 10.596	rs10733545	rs10959196	<i>PTPRD</i>	0.76	0.64 - 1.03	0.030
5	126.924 - 127.006	rs374499	rs11241936	<i>PRRC1,CTXN3</i>	1.28	1.02 - 1.61	0.030
9	35.911 - 35.935	rs16932756	rs7019283	<i>LINC00961,OR2S2</i>	0.77	0.61 - 0.99	0.030

14	74.717 - 74.805	rs17103071	rs2205189	<i>TMED10,FOS</i>	1.28	1.02 - 1.59	0.031
14	74.824 - 74.828	rs1009392	rs6574222	<i>FOS,RP11-293M10.5</i>	1.28	1.02 - 1.59	0.031
18	12.718 - 12.773	rs2542176	rs2542153	<i>PSMG2,PTPN2</i>	1.27	1.01 - 1.56	0.031
16	73.884 - 74.011	rs9921330	rs12444589	<i>CFDPI</i>	1.27	1 - 1.54	0.031
16	74.027 - 74.027	rs13337069	rs13337069	<i>CFDPI,TMEM170A</i>	1.27	1.02 - 1.57	0.031
16	74.045 - 74.050	rs8046416	rs8057084	<i>TMEM170A</i>	1.27	1.02 - 1.57	0.031
16	74.062 - 74.062	rs37602	rs37602	<i>TMEM170A,CHST6</i>	1.27	1.02 - 1.57	0.031
1	182.314 - 182.620	rs1409811	rs16823065	<i>TSEN15,C1orf21</i>	0.77	0.61 - 0.99	0.031
1	183.973 - 184.415	rs35425624	rs16825024	<i>HMCN1</i>	0.77	0.6 - 0.98	0.031
2	204.540 - 205.102	rs4675386	rs989629	<i>ICOS,PARD3B</i>	0.77	0.61 - 0.99	0.031
11	82.216 - 82.282	rs10792649	rs10792662	<i>PRCP</i>	0.77	0.6 - 0.98	0.031
5	126.009 - 126.124	rs4836280	rs6886734	<i>C5orf48,LMNB1</i>	1.28	1.02 - 1.6	0.031
5	127.014 - 127.023	rs6595788	rs248701	<i>CTXN3</i>	1.28	1.02 - 1.61	0.031
16	73.593 - 73.701	rs8051077	rs1043509	<i>ZNRFI</i>	1.26	1.02 - 1.56	0.031
1	181.880 - 182.161	rs12042642	rs4328036	<i>RGLI</i>	0.76	0.61 - 0.99	0.031
16	61.506 - 62.685	rs1160166	rs7190884	<i>CDH8,CDH11</i>	1.27	0.95 - 1.48	0.031
20	2.587 - 2.592	rs6037255	rs2073192	<i>IDH3B</i>	0.77	0.62 - 1	0.031
5	126.833 - 126.871	rs6894441	rs233041	<i>MEGF10,PRRC1</i>	1.28	1.02 - 1.6	0.031
5	33.529 - 33.561	rs4867514	rs16891275	<i>TARS,ADAMTS12</i>	1.28	1.02 - 1.61	0.031
11	82.296 - 82.322	rs10898054	rs11826199	<i>C11orf82</i>	0.77	0.6 - 0.98	0.031
11	82.324 - 82.358	rs4944419	rs10898066	<i>C11orf82,RAB30</i>	0.77	0.6 - 0.98	0.031
11	82.386 - 82.455	rs17144484	rs12146668	<i>RAB30</i>	0.77	0.6 - 0.98	0.031
21	33.562 - 33.592	rs2834167	rs8178570	<i>IL10RB</i>	1.28	1.02 - 1.61	0.031
1	181.757 - 181.783	rs12032165	rs2702182	<i>SMG7</i>	0.76	0.6 - 0.98	0.031
1	181.792 - 181.822	rs789181	rs789192	<i>NCF2</i>	0.76	0.6 - 0.98	0.031
1	181.828 - 181.860	rs12066019	rs12043560	<i>NCF2,ARPC5</i>	0.76	0.6 - 0.98	0.031
16	63.541 - 63.701	rs35146	rs16968505	<i>CDH11</i>	1.27	1.02 - 1.58	0.031
5	126.655 - 126.820	rs4836316	rs17673685	<i>MEGF10</i>	1.28	1.02 - 1.6	0.031
5	125.905 - 125.946	rs2035471	rs13182402	<i>ALDH7A1</i>	1.28	1.01 - 1.58	0.032
5	126.882 - 126.918	rs10044579	rs441265	<i>PRRC1</i>	1.28	1.02 - 1.6	0.032
10	49.324 - 49.527	rs1051509	rs4562728	<i>ARHGAP22</i>	0.78	0.66 - 1.05	0.032
18	18.042 - 18.246	rs1426022	rs12457136	<i>GATA6,CTAGE1</i>	1.27	0.99 - 1.53	0.032
18	12.981 - 13.113	rs11663049	rs547084	<i>CEP192</i>	1.27	1.01 - 1.57	0.032
18	13.120 - 13.204	rs12327306	rs4796972	<i>CEP192,LDLRAD4</i>	1.27	1.02 - 1.59	0.032
1	185.225 - 186.294	rs7414079	rs12407310	<i>PLA2G4A,NONE</i>	0.77	0.62 - 1.01	0.032
16	76.337 - 76.369	rs12930831	rs11642721	<i>NUDT7,VATIL</i>	1.27	1.02 - 1.57	0.032
9	5.500 - 5.558	rs16923189	rs7031529	<i>PDCD1LG2</i>	0.77	0.62 - 0.99	0.032
1	191.055 - 191.226	rs17647548	rs16835087	<i>RGS2,UCHL5</i>	0.76	0.59 - 0.98	0.032
2	228.766 - 229.587	rs4133088	rs6744765	<i>SPHKAP,PID1</i>	1.28	1.02 - 1.61	0.032
5	2.040 - 2.349	rs1601641	rs6898118	<i>MIR548BA,LOC100506858</i>	0.76	0.62 - 1.03	0.032
16	62.711 - 63.533	rs7186598	rs35162	<i>NONE,CDH11</i>	1.27	1.01 - 1.57	0.032
4	82.623 - 83.483	rs17005145	rs10516672	<i>RASGEF1B,HNRNPD</i>	0.77	0.61 - 0.98	0.032
16	53.536 - 53.911	rs11647177	rs31070	<i>IRX5,IRX6</i>	1.28	1.01 - 1.59	0.032
2	228.572 - 228.745	rs11680053	rs13402484	<i>SPHKAP</i>	1.28	1 - 1.58	0.032
11	3.804 - 3.804	rs4910577	rs4910577	<i>PGAP2,RHOG</i>	0.77	0.6 - 0.98	0.032
13	111.913 - 112.077	rs928195	rs281206	<i>LINC01070,SPACA7</i>	1.29	0.99 - 1.57	0.032
4	154.567 - 154.605	rs13116293	rs7688335	<i>MND1,KIAA0922</i>	1.29	1.02 - 1.62	0.032
21	33.603 - 33.614	rs2834183	rs2834190	<i>IL10RB,IFNAR1</i>	1.28	1.02 - 1.61	0.032
21	33.634 - 33.651	rs2253923	rs2834201	<i>IFNAR1</i>	1.28	1.02 - 1.61	0.032
1	181.864 - 181.869	rs4652822	rs6673809	<i>ARPC5</i>	0.77	0.6 - 0.98	0.032
1	179.723 - 180.041	rs17494103	rs635517	<i>CACNA1E</i>	0.76	0.61 - 1	0.032
14	73.136 - 73.146	rs6574129	rs12590145	<i>ACOT4,ACOT6</i>	1.27	1.01 - 1.57	0.032
12	6.553 - 6.555	rs1057510	rs11064259	<i>CHD4</i>	1.28	1.02 - 1.6	0.032
12	6.624 - 6.624	rs7959658	rs10849493	<i>ACRBP</i>	1.28	1.02 - 1.61	0.032
16	76.315 - 76.334	rs8057962	rs3935513	<i>NUDT7</i>	1.27	1.01 - 1.55	0.033
1	41.743 - 42.151	rs11210339	rs732387	<i>HIVEP3</i>	0.77	0.61 - 0.99	0.033

1	166.788 - 166.811	rs12049040	rs12029370	<i>XCL2,XCL1</i>	0.75	0.58 - 0.98	0.033
5	127.027 - 127.375	rs248695	rs1003136	<i>CTXN3,LINC01184</i>	1.28	1.02 - 1.6	0.033
16	52.885 - 53.467	rs8057997	rs9940226	<i>IRX3,CRNDE</i>	1.28	0.98 - 1.55	0.033
5	126.153 - 126.180	rs2973588	rs2973603	<i>LMNB1</i>	1.28	1.02 - 1.6	0.033
17	14.085 - 14.138	rs9907078	rs755732	<i>CDRT15,HS3ST3B1</i>	0.77	0.61 - 0.99	0.033
19	58.413 - 58.423	rs11882822	rs10404048	<i>ZNF818P,ZNF677</i>	0.76	0.61 - 1.01	0.033
4	142.883 - 143.163	rs2322305	rs11736202	<i>IL15,INPP4B</i>	1.29	1 - 1.58	0.033
1	183.030 - 183.206	rs35543943	rs85671	<i>FAM129A</i>	0.77	0.61 - 0.98	0.033
15	30.845 - 31.271	rs4779589	rs4780091	<i>FMN1</i>	0.76	0.61 - 1	0.033
11	3.574 - 3.601	rs11028374	rs10834648	<i>LOC650368,TRPC2</i>	0.77	0.6 - 0.98	0.033
15	69.190 - 69.190	rs6494895	rs6494895	<i>CT62</i>	0.76	0.59 - 0.98	0.033
11	82.678 - 82.839	rs7929111	rs2507847	<i>CCDC90B,DLG2</i>	0.77	0.61 - 0.98	0.033
12	6.325 - 6.340	rs11064145	rs7956915	<i>SCNNA</i>	1.28	1.02 - 1.6	0.033
12	6.358 - 6.360	rs11064153	rs11831297	<i>LTBR</i>	1.28	1.02 - 1.61	0.033
10	16.911 - 17.211	rs2603796	rs2281648	<i>CUBN</i>	1.26	1.01 - 1.56	0.033
1	166.523 - 166.549	rs12758597	rs1003315	<i>TBX19</i>	0.75	0.58 - 0.98	0.033
12	6.431 - 6.441	rs11569392	rs1045548	<i>TAPBPL</i>	1.28	1.01 - 1.58	0.033
12	6.444 - 6.448	rs2534717	rs16932648	<i>VAMPI</i>	1.28	1.02 - 1.6	0.033
1	158.818 - 158.842	rs6668760	rs2369724	<i>CD84,SLAMF1</i>	0.76	0.59 - 0.98	0.033
9	21.352 - 21.352	rs16938415	rs16938415	<i>IFNA6,IFNA13</i>	0.77	0.6 - 0.98	0.033
9	21.369 - 21.370	rs4142399	rs12552330	<i>IFNA13,IFNA2</i>	0.77	0.6 - 0.98	0.033
11	82.466 - 82.528	rs17144544	rs10751085	<i>RAB30-AS1,PCF11</i>	0.77	0.6 - 0.98	0.033
5	126.448 - 126.646	rs17165213	rs11957269	<i>C5orf63,MEGF10</i>	1.28	1.02 - 1.6	0.034
6	101.442 - 101.948	rs846798	rs2852503	<i>ASCC3,GRIK2</i>	0.76	0.6 - 0.99	0.034
19	59.865 - 59.874	rs1749311	rs11574597	<i>LILRB4</i>	0.76	0.58 - 0.98	0.034
21	22.045 - 22.089	rs2826984	rs2827040	<i>AP000475.2</i>	1.29	1.01 - 1.62	0.034
21	22.094 - 22.293	rs11088882	rs2827206	<i>AP000475.2,AP000472.2</i>	1.29	1.02 - 1.64	0.034
4	148.874 - 149.207	rs4835093	rs7660368	<i>ARHGAP10</i>	1.28	1.02 - 1.6	0.034
9	120.970 - 121.159	rs230103	rs10760035	<i>BRINP1</i>	0.77	0.61 - 0.99	0.034
19	58.644 - 58.652	rs2617732	rs2708739	<i>ZNF761</i>	0.76	0.59 - 0.98	0.034
19	58.654 - 58.654	rs2708736	rs2708736	<i>ZNF761,ZNF813</i>	0.76	0.59 - 0.98	0.034
19	58.666 - 58.688	rs2617703	rs10409961	<i>ZNF813</i>	0.76	0.59 - 0.98	0.034
18	18.981 - 19.086	rs4800452	rs6507568	<i>CABLES1</i>	1.27	1.02 - 1.59	0.034
11	3.603 - 3.614	rs10742084	rs1514691	<i>TRPC2</i>	0.77	0.6 - 0.98	0.034
11	3.617 - 3.617	rs2271589	rs2271589	<i>ART5</i>	0.77	0.6 - 0.98	0.034
11	3.633 - 3.638	rs16925377	rs10834744	<i>ART1</i>	0.77	0.6 - 0.98	0.034
12	6.522 - 6.522	rs7300366	rs7300366	<i>IFFO1</i>	1.28	1.02 - 1.6	0.034
9	21.381 - 21.397	rs16938373	rs1330322	<i>IFNA2,IFNA8</i>	0.77	0.6 - 0.98	0.034
12	6.317 - 6.321	rs1860545	rs4149570	<i>TNFRSF1A</i>	1.28	0.97 - 1.53	0.034
1	190.897 - 191.043	rs12752933	rs1418719	<i>RGS13,RGS2</i>	0.76	0.61 - 1	0.034
1	167.747 - 167.820	rs6427195	rs3753305	<i>F5</i>	0.75	0.59 - 1	0.034
14	74.200 - 74.247	rs752857	rs17102125	<i>AREL1</i>	1.27	1.02 - 1.59	0.034
14	74.252 - 74.270	rs17102178	rs3825708	<i>FCF1</i>	1.27	1.02 - 1.59	0.034
5	39.344 - 39.400	rs155377	rs6864541	<i>C9</i>	1.28	1.02 - 1.61	0.034
5	39.406 - 39.453	rs3812042	rs12697392	<i>DAB2</i>	1.28	1.02 - 1.61	0.034
9	5.164 - 5.170	rs7040922	rs12115301	<i>INSL6</i>	0.77	0.62 - 0.99	0.034
9	5.181 - 5.212	rs7850294	rs4425810	<i>INSL6,INSL4</i>	0.77	0.61 - 0.98	0.034
18	13.411 - 13.414	rs9675540	rs8089195	<i>LDLRAD4-AS1</i>	1.27	1.02 - 1.58	0.034
19	58.430 - 58.448	rs6509740	rs2965242	<i>ZNF677</i>	0.76	0.59 - 0.98	0.034
18	27.396 - 27.424	rs1667229	rs3764478	<i>RP11-75N4.2,TTR</i>	1.28	1.01 - 1.59	0.034
5	126.239 - 126.392	rs9637916	rs7709865	<i>MARCH3</i>	1.28	1.02 - 1.6	0.034
5	126.397 - 126.404	rs12656223	rs6877692	<i>MARCH3,C5orf63</i>	1.28	1.02 - 1.6	0.034
5	126.422 - 126.435	rs17165251	rs12655006	<i>C5orf63</i>	1.28	1.02 - 1.6	0.034
9	116.922 - 116.941	rs1537016	rs7849467	<i>TNC,DEC1</i>	0.77	0.61 - 0.99	0.034
1	190.417 - 190.417	rs1937235	rs1937235	<i>RGS18</i>	0.76	0.6 - 0.98	0.034
2	227.748 - 227.839	rs16823282	rs11677877	<i>COL4A3</i>	1.28	1.01 - 1.61	0.034

2	227.794 - 227.893	rs12620653	rs11687981	<i>AC097662.2</i>	1.28	1.02 - 1.61	0.034
5	126.000 - 126.000	rs12652642	rs6892167	<i>C5orf48</i>	1.28	1.02 - 1.6	0.035
18	19.281 - 19.281	rs8083132	rs8083132	<i>TMEM241,RIOK3</i>	1.27	1.02 - 1.59	0.035
18	19.312 - 19.312	rs2270885	rs2270885	<i>RIOK3</i>	1.27	1.02 - 1.59	0.035
18	19.318 - 19.325	rs7241000	rs11875960	<i>RIOK3,C18orf8</i>	1.27	1.02 - 1.59	0.035
18	19.357 - 19.363	rs891387	rs1652376	<i>C18orf8</i>	1.27	1.02 - 1.59	0.035
4	149.216 - 149.216	rs11728788	rs11933380	<i>ARHGAP10,NR3C2</i>	1.28	1.02 - 1.6	0.035
16	76.385 - 76.570	rs6564478	rs398765	<i>VATIL</i>	1.26	1.02 - 1.57	0.035
1	180.044 - 180.274	rs10910989	rs7526852	<i>CACNA1E,ZNF648</i>	0.77	0.6 - 0.98	0.035
19	59.849 - 59.864	rs10411948	rs400322	<i>MIR8061,LILRB4</i>	0.76	0.62 - 1.04	0.035
9	5.224 - 5.224	rs10123458	rs10123458	<i>INSL4</i>	0.77	0.61 - 0.98	0.035
9	5.225 - 5.287	rs10975018	rs7047392	<i>INSL4,RLN2</i>	0.77	0.61 - 0.98	0.035
1	166.560 - 166.608	rs2300573	rs2268555	<i>TBX19,MIR557</i>	0.75	0.58 - 0.98	0.035
9	21.327 - 21.330	rs16938347	rs10119678	<i>KLHL9,IFNA6</i>	0.77	0.6 - 0.98	0.035
11	82.548 - 82.560	rs11233495	rs11233501	<i>PCF11</i>	0.77	0.61 - 0.98	0.035
11	82.581 - 82.581	rs2231731	rs2231731	<i>PCF11,ANKRD42</i>	0.77	0.61 - 0.98	0.035
2	134.045 - 134.589	rs13002374	rs1879018	<i>NCKAP5,MIR3679</i>	1.27	0.97 - 1.52	0.035
19	58.596 - 58.604	rs4803101	rs10426347	<i>ZNF765</i>	0.76	0.6 - 1	0.035
19	58.612 - 58.621	rs11671655	rs3929239	<i>ZNF765,TPM3P9</i>	0.76	0.59 - 0.98	0.035
19	58.634 - 58.639	rs6509765	rs8102929	<i>TPM3P9</i>	0.76	0.59 - 0.98	0.035
1	166.496 - 166.507	rs10489209	rs1543311	<i>ANKRD36BP1,TBX19</i>	0.75	0.58 - 0.98	0.035
18	18.901 - 18.963	rs7226453	rs8093542	<i>RBBP8,CABLES1</i>	1.27	1.02 - 1.59	0.035
14	73.022 - 73.059	rs4903115	rs4899469	<i>HEATR4</i>	1.27	1.02 - 1.58	0.035
1	180.919 - 181.021	rs6424866	rs6692387	<i>RGS8,NPL</i>	0.77	0.61 - 1.01	0.035
1	181.038 - 181.058	rs16859675	rs16859710	<i>NPL</i>	0.77	0.6 - 0.98	0.035
1	181.067 - 181.068	rs16859719	rs10911145	<i>NPL,DHX9</i>	0.77	0.6 - 0.98	0.035
1	181.080 - 181.122	rs6674915	rs10911155	<i>DHX9</i>	0.77	0.6 - 0.98	0.035
1	181.132 - 181.132	rs6424873	rs6424873	<i>DHX9,SHCBP1L</i>	0.77	0.6 - 0.98	0.035
1	181.137 - 181.182	rs10911157	rs12025917	<i>SHCBP1L</i>	0.77	0.6 - 0.98	0.035
1	181.190 - 181.255	rs6424878	rs12126434	<i>SHCBP1L,LAMC1</i>	0.77	0.6 - 0.98	0.035
5	126.216 - 126.228	rs6869763	rs2055873	<i>LMNB1,MARCH3</i>	1.28	1.02 - 1.6	0.035
14	74.294 - 74.294	rs11848876	rs11848876	<i>FCF1,YLPMI</i>	1.27	1.02 - 1.59	0.035
14	74.308 - 74.366	rs8016513	rs10148293	<i>YLPMI</i>	1.27	1.02 - 1.59	0.035
16	74.219 - 74.225	rs8051771	rs6564270	<i>KARS</i>	1.26	1.02 - 1.56	0.035
16	74.243 - 74.247	rs7186790	rs7193066	<i>TERF2IP</i>	1.26	1.02 - 1.56	0.035
18	13.215 - 13.629	rs8095897	rs1786510	<i>LDLRAD4</i>	1.27	1.02 - 1.58	0.035
18	18.768 - 18.860	rs4800138	rs9304261	<i>RBBP8</i>	1.27	1.02 - 1.59	0.035
1	165.793 - 165.859	rs2984801	rs926521	<i>CREG1,RCSD1</i>	0.76	0.6 - 1	0.035
1	180.297 - 180.297	rs41326547	rs41326547	<i>ZNF648</i>	0.77	0.6 - 0.98	0.035
1	180.306 - 180.438	rs11803436	rs1779823	<i>ZNF648,GS1-122H1.2</i>	0.77	0.6 - 0.98	0.035
2	225.978 - 226.218	rs9288606	rs12694674	<i>NYAP2</i>	1.28	0.99 - 1.56	0.035
14	73.159 - 73.177	rs17128989	rs42922	<i>ACOT6,DNAL1</i>	1.27	1.02 - 1.58	0.035
14	73.200 - 73.239	rs41339746	rs7155268	<i>DNAL1</i>	1.27	1.02 - 1.58	0.035
13	112.080 - 112.137	rs7324712	rs2182921	<i>SPACA7</i>	1.28	1.02 - 1.62	0.035
21	33.464 - 33.464	rs16990194	rs16990194	<i>C21orf54</i>	1.28	1.02 - 1.6	0.035
17	13.447 - 13.861	rs6502283	rs8066253	<i>HS3ST3A1,CDRT15P1</i>	0.77	0.62 - 1.01	0.035
9	74.982 - 76.287	rs11143520	rs10125552	<i>ANXA1,RORB</i>	0.78	0.63 - 1	0.035
11	82.585 - 82.617	rs621125	rs12280048	<i>ANKRD42</i>	0.77	0.61 - 0.98	0.035
11	82.638 - 82.645	rs524441	rs628223	<i>ANKRD42,CCDC90B</i>	0.77	0.61 - 0.98	0.035
11	82.654 - 82.673	rs1151243	rs684404	<i>CCDC90B</i>	0.77	0.61 - 0.98	0.035
14	73.277 - 73.318	rs17182558	rs12717559	<i>ELMSAN1</i>	1.27	1.02 - 1.58	0.035
14	74.380 - 74.380	rs2058919	rs2058919	<i>YLPMI,PROX2</i>	1.27	1.02 - 1.59	0.035
1	158.778 - 158.816	rs12134393	rs977020	<i>CD84</i>	0.76	0.6 - 0.99	0.036
2	229.601 - 229.841	rs7594377	rs12468558	<i>PID1</i>	1.27	1 - 1.57	0.036
9	22.115 - 22.420	rs1333048	rs16906084	<i>CDKN2B-AS1,DMRTA1</i>	0.77	0.62 - 1.01	0.036
1	166.414 - 166.436	rs2281016	rs2072776	<i>TIPRL</i>	0.76	0.58 - 0.98	0.036

1	166.448 - 166.454	rs7551581	rs1005175	<i>TIPRL,SFT2D2</i>	0.76	0.58 - 0.98	0.036
1	166.461 - 166.465	rs4656572	rs2235180	<i>SFT2D2</i>	0.76	0.58 - 0.98	0.036
12	6.513 - 6.515	rs6489721	rs2886093	<i>GAPDH</i>	1.28	1.02 - 1.6	0.036
1	190.817 - 190.868	rs9427560	rs12024422	<i>RGS1,RGS13</i>	0.77	0.6 - 0.98	0.036
12	89.840 - 89.864	rs11611740	rs12371920	<i>LINC00615</i>	0.77	0.6 - 0.99	0.036
12	89.867 - 89.869	rs2178457	rs6538254	<i>LINC00615,CCER1</i>	0.77	0.6 - 0.98	0.036
12	89.878 - 89.880	rs7968423	rs12820238	<i>CCER1,EPYC</i>	0.77	0.6 - 0.98	0.036
21	31.020 - 31.034	rs2833045	rs9305437	<i>KRTAP21-3,KRTAP21-2</i>	1.27	1 - 1.57	0.036
21	31.041 - 31.041	rs2833074	rs2833074	<i>KRTAP21-2</i>	1.27	1.02 - 1.6	0.036
21	31.058 - 31.103	rs11908783	rs2833096	<i>KRTAP21-1,KRTAP8-1</i>	1.27	1.02 - 1.6	0.036
19	58.926 - 58.926	rs1808656	rs1808656	<i>MIR518A1</i>	0.76	0.59 - 0.98	0.036
9	114.285 - 114.285	rs7048129	rs7048129	<i>HSDL2,KIAA1958</i>	0.77	0.6 - 0.98	0.036
9	114.292 - 114.461	rs10981423	rs16917185	<i>KIAA1958</i>	0.77	0.6 - 0.98	0.036
13	112.397 - 112.584	rs282584	rs1278769	<i>ATP11A</i>	1.29	1.01 - 1.62	0.036
19	58.919 - 58.919	rs4803168	rs4803168	<i>MIR520G,MIR516B2</i>	0.76	0.59 - 0.98	0.036
1	183.214 - 183.274	rs234112	rs12094983	<i>FAM129A,RNF2</i>	0.77	0.61 - 0.99	0.036
1	183.319 - 183.336	rs12409926	rs1046592	<i>RNF2</i>	0.77	0.61 - 0.98	0.036
1	167.140 - 167.322	rs2146204	rs909926	<i>LINC00970</i>	0.76	0.6 - 1.01	0.036
1	181.260 - 181.375	rs4652764	rs12085270	<i>LAMC1</i>	0.77	0.6 - 0.98	0.036
1	181.383 - 181.419	rs16860372	rs3754524	<i>LAMC1,LAMC2</i>	0.77	0.6 - 0.98	0.036
9	136.364 - 136.463	rs12351315	rs12336953	<i>RXRA</i>	0.76	0.58 - 0.98	0.036
12	6.474 - 6.510	rs7955645	rs10849485	<i>NCAPD2</i>	1.27	1.01 - 1.59	0.036
2	227.575 - 227.732	rs1054413	rs2222869	<i>COL4A4</i>	1.28	1.02 - 1.61	0.036
9	21.455 - 21.525	rs7034161	rs12379382	<i>MIR31HG</i>	0.77	0.61 - 1	0.036
12	4.791 - 4.825	rs2239504	rs2109417	<i>KCNA6</i>	1.27	0.98 - 1.54	0.036
9	2.648 - 2.705	rs1877480	rs11793747	<i>VLDLR,KCNV2</i>	0.78	0.61 - 0.99	0.036
9	2.706 - 2.720	rs17656660	rs10967775	<i>KCNV2</i>	0.78	0.61 - 0.98	0.036
9	2.721 - 2.791	rs12352612	rs12001327	<i>KCNV2,KIAA0020</i>	0.78	0.61 - 0.98	0.036
2	227.413 - 227.567	rs4673171	rs10210997	<i>RHBDD1</i>	1.28	1 - 1.58	0.036
5	32.650 - 32.727	rs6450913	rs17540044	<i>SUB1,NPR3</i>	1.27	1 - 1.58	0.036
21	33.422 - 33.451	rs2834094	rs2834114	<i>AP000289.6,C21orf54</i>	1.27	0.99 - 1.57	0.036
1	166.030 - 166.033	rs10918767	rs7518643	<i>MPZL1,ADCY10</i>	0.76	0.59 - 0.98	0.036
9	114.557 - 114.674	rs2645986	rs1324930	<i>SNX30</i>	0.77	0.6 - 0.98	0.036
10	42.894 - 42.940	rs2506011	rs2742236	<i>RET</i>	0.78	0.63 - 0.99	0.036
10	42.965 - 42.998	rs2505506	rs2435381	<i>CSGALNACT2</i>	0.78	0.62 - 0.98	0.036
10	43.003 - 43.006	rs2435377	rs12257299	<i>CSGALNACT2,RASGEF1A</i>	0.78	0.62 - 0.98	0.036
5	32.750 - 32.828	rs1847018	rs13362538	<i>NPR3</i>	1.28	1.01 - 1.59	0.037
2	202.385 - 202.457	rs193602	rs10490084	<i>CDK15</i>	0.77	0.62 - 0.99	0.037
10	43.015 - 43.074	rs1254964	rs2253527	<i>RASGEF1A</i>	0.78	0.62 - 0.99	0.037
19	60.118 - 60.125	rs775835	rs16986092	<i>NCR1,NLRP7</i>	0.76	0.59 - 0.99	0.037
19	60.127 - 60.150	rs2365582	rs9941465	<i>NLRP7</i>	0.76	0.59 - 0.98	0.037
4	82.566 - 82.609	rs11542053	rs6535252	<i>RASGEF1B</i>	0.77	0.61 - 0.98	0.037
1	182.876 - 182.920	rs10797981	rs2024766	<i>C1orf21,EDEM3</i>	0.77	0.61 - 0.98	0.037
1	182.933 - 182.956	rs10911633	rs12096214	<i>EDEM3</i>	0.77	0.61 - 0.98	0.037
1	182.993 - 183.017	rs35779894	rs861607	<i>EDEM3,FAM129A</i>	0.77	0.61 - 0.98	0.037
21	16.182 - 16.360	rs16990799	rs2823592	<i>USP25,C21orf35</i>	1.28	1.01 - 1.6	0.037
5	1.773 - 1.847	rs17599063	rs4975846	<i>MIR4277,MRPL36</i>	0.76	0.59 - 0.98	0.037
21	31.129 - 31.164	rs7282294	rs2013530	<i>KRTAP7-1,KRTAP11-1</i>	1.27	1.02 - 1.6	0.037
9	114.473 - 114.486	rs10817367	rs1135178	<i>KIAA1958,INIP</i>	0.77	0.61 - 1	0.037
9	114.487 - 114.512	rs786963	rs805050	<i>INIP</i>	0.77	0.6 - 0.98	0.037
9	114.539 - 114.548	rs16917265	rs2173193	<i>INIP,SNX30</i>	0.77	0.6 - 0.98	0.037
21	28.834 - 28.834	rs2150392	rs2150392	<i>LINC00161</i>	1.27	1.02 - 1.58	0.037
21	28.837 - 29.166	rs9982023	rs1048546	<i>LINC00161,N6AMT1</i>	1.27	1.02 - 1.58	0.037
5	50.028 - 50.169	rs11750771	rs27252	<i>PARP8</i>	1.27	1.01 - 1.58	0.037
5	50.187 - 50.299	rs27574	rs1345777	<i>PARP8,LOC100287592</i>	1.27	1.02 - 1.58	0.037
19	58.696 - 58.709	rs11667148	rs7249604	<i>ZNF813,ZNF331</i>	0.76	0.59 - 0.98	0.037

10	38.515 - 38.542	rs11011478	rs2489495	<i>LOC100129055</i>	0.78	0.62 - 0.99	0.037
10	38.559 - 38.663	rs1740744	rs2754428	<i>LOC100129055,HSD17B7P</i>	0.78	0.62 - 0.99	0.037
10	38.695 - 38.695	rs2754369	rs2754369	<i>HSD17B7P2</i>	0.78	0.62 - 0.99	0.037
10	38.717 - 38.719	rs2754361	rs2800542	<i>SEPT7P9</i>	0.78	0.62 - 0.99	0.037
10	38.961 - 39.008	rs11146874	rs11146911	<i>LINC00999,ACTR3BP5</i>	0.78	0.62 - 0.99	0.037
10	39.090 - 39.090	rs4881572	rs4881572	<i>ACTR3BP5,NONE</i>	0.78	0.62 - 0.99	0.037
10	41.753 - 41.843	rs9703043	rs10160147	<i>NONE,LOC441666</i>	0.78	0.62 - 0.99	0.037
10	42.147 - 42.184	rs9804345	rs2505803	<i>LOC441666</i>	0.78	0.62 - 0.99	0.037
10	42.186 - 42.217	rs2505805	rs2246565	<i>LOC441666,CCNYL2</i>	0.78	0.62 - 0.99	0.037
10	42.225 - 42.288	rs11239378	rs7919712	<i>CCNYL2</i>	0.78	0.62 - 0.99	0.037
10	42.289 - 42.289	rs1831914	rs1831914	<i>CCNYL2,LINC00839</i>	0.78	0.62 - 0.99	0.037
10	42.299 - 42.308	rs1255406	rs11239619	<i>LINC00839</i>	0.78	0.62 - 0.99	0.037
10	42.321 - 42.326	rs11239629	rs1852961	<i>LINC00839,ZNF37BP</i>	0.78	0.62 - 0.99	0.037
10	42.337 - 42.359	rs210239	rs1255396	<i>ZNF37BP</i>	0.78	0.62 - 0.99	0.037
10	42.372 - 42.401	rs11239674	rs7073805	<i>ZNF37BP,ZNF33B</i>	0.78	0.62 - 0.99	0.037
10	42.409 - 42.445	rs7914982	rs12256867	<i>ZNF33B</i>	0.78	0.62 - 0.99	0.037
9	35.788 - 35.794	rs3793543	rs10758325	<i>NPR2</i>	0.77	0.61 - 0.99	0.037
20	4.148 - 4.168	rs734290	rs4815671	<i>ADRA1D</i>	0.77	0.61 - 0.99	0.037
9	21.406 - 21.428	rs10964985	rs1332190	<i>IFNA8,IFNA1</i>	0.77	0.61 - 0.99	0.037
12	6.374 - 6.416	rs12311981	rs12817967	<i>LTBR,CD27-AS1</i>	1.27	1.01 - 1.59	0.037
1	167.975 - 168.025	rs12023614	rs12135656	<i>SELE,METTL18</i>	0.76	0.59 - 0.98	0.037
21	29.671 - 29.825	rs2832302	rs16984328	<i>BACH1-IT2,GRIK1</i>	1.27	0.99 - 1.55	0.037
16	76.572 - 76.609	rs17775590	rs2735409	<i>VAT1L,CLEC3A</i>	1.26	1 - 1.53	0.037
1	41.495 - 41.711	rs10157966	rs13376620	<i>MIR5095,EDN2</i>	0.78	0.61 - 0.99	0.037
1	41.716 - 41.722	rs6690839	rs2759257	<i>EDN2</i>	0.78	0.61 - 0.99	0.037
1	41.726 - 41.741	rs12718439	rs2991345	<i>EDN2,HIVEP3</i>	0.78	0.61 - 0.99	0.037
4	189.266 - 189.294	rs4862861	rs7376345	<i>TRIML2,TRIML1</i>	1.27	0.99 - 1.56	0.037
1	166.186 - 166.303	rs202273	rs399273	<i>DCAF6</i>	0.76	0.59 - 0.99	0.038
1	166.313 - 166.313	rs16860036	rs16860036	<i>DCAF6,GPR161</i>	0.76	0.59 - 0.98	0.038
1	181.888 - 181.889	rs6661715	rs6699011	<i>APOBEC4</i>	0.77	0.61 - 0.99	0.038
14	75.086 - 75.107	rs8021995	rs17103466	<i>BATF,AC007182.6</i>	1.27	1.01 - 1.58	0.038
10	42.457 - 42.596	rs7919927	rs3982199	<i>ZNF33B,BMS1</i>	0.79	0.63 - 0.99	0.038
10	42.611 - 42.646	rs2078397	rs7133	<i>BMS1</i>	0.79	0.63 - 0.99	0.038
2	226.229 - 226.332	rs10179260	rs1446461	<i>NYAP2,MIR548AR</i>	1.27	1.01 - 1.59	0.038
10	42.819 - 42.889	rs1254986	rs2505995	<i>MIR5100,RET</i>	0.79	0.63 - 1	0.038
20	4.125 - 4.141	rs6107422	rs910952	<i>RP4-779E11.3,ADRA1D</i>	0.77	0.62 - 1	0.038
2	202.472 - 202.591	rs7576585	rs12328774	<i>CDK15,FZD7</i>	0.78	0.61 - 0.99	0.038
5	39.566 - 40.083	rs16869038	rs1506171	<i>LOC101926940,LINC0060</i>	1.27	0.99 - 1.57	0.038
11	3.842 - 4.068	rs4414209	rs7934581	<i>STIM1</i>	0.78	0.61 - 0.99	0.038
14	72.156 - 72.427	rs8012752	rs2333006	<i>DPF3</i>	1.26	0.95 - 1.49	0.038
14	72.434 - 72.457	rs7493767	rs11622784	<i>DPF3,DCAF4</i>	1.26	1.01 - 1.58	0.038
12	4.835 - 4.886	rs4766301	rs2109422	<i>KCNA6,KCNA1</i>	1.27	1.01 - 1.59	0.038
10	37.685 - 37.919	rs12264795	rs2224371	<i>LINC00993,MTRNR2L7</i>	0.79	0.63 - 1	0.038
5	40.726 - 40.726	rs7737225	rs7737225	<i>PTGER4</i>	1.27	1.01 - 1.59	0.038
5	40.730 - 40.737	rs4957343	rs4285273	<i>PTGER4,TTC33</i>	1.27	1.01 - 1.59	0.038
5	50.302 - 50.302	rs250237	rs250238	<i>LOC100287592</i>	1.27	1.01 - 1.58	0.038
10	12.978 - 13.178	rs2280076	rs641928	<i>CCDC3</i>	1.26	0.99 - 1.54	0.038
18	19.112 - 19.126	rs8091628	rs9962012	<i>CABLES1,TMEM241</i>	1.27	1.01 - 1.58	0.038
5	125.724 - 125.852	rs7733479	rs4836268	<i>GRAMD3</i>	1.27	1.01 - 1.59	0.038
14	73.153 - 73.153	rs10136341	rs17128948	<i>ACOT6</i>	1.26	1.01 - 1.58	0.038
9	116.114 - 116.120	rs1976192	rs2636881	<i>COL27A1,ORM1</i>	0.77	0.61 - 0.99	0.038
9	35.864 - 35.893	rs2181027	rs4271053	<i>OR13J1,HRCT1</i>	0.77	0.61 - 0.99	0.038
9	35.895 - 35.895	rs10814295	rs10814295	<i>HRCT1</i>	0.77	0.61 - 0.99	0.038
9	35.898 - 35.898	rs10972619	rs10972619	<i>LINC00961</i>	0.77	0.61 - 0.99	0.038
9	116.694 - 116.732	rs911605	rs3181354	<i>TNFSF8</i>	0.77	0.61 - 0.99	0.038
9	21.270 - 21.286	rs2094788	rs7868542	<i>IFNA22P,IFNA5</i>	0.77	0.61 - 0.99	0.038

2	227.318 - 227.371	rs13431179	rs3731597	<i>IRS1</i>	1.27	1.01 - 1.6	0.038
9	21.300 - 21.319	rs10811529	rs4582643	<i>IFNA5, KLHL9</i>	0.77	0.61 - 0.99	0.038
9	21.321 - 21.321	rs8729	rs8729	<i>KLHL9</i>	0.77	0.61 - 0.99	0.038
19	58.958 - 58.970	rs8102223	rs12610277	<i>MIR519A2, MIR371A</i>	0.76	0.59 - 0.99	0.038
12	6.420 - 6.425	rs7312492	rs10849457	<i>CD27-AS1</i>	1.27	1.01 - 1.59	0.038
12	6.453 - 6.469	rs2534724	rs12580729	<i>VAMP1, MRPL51</i>	1.27	1.01 - 1.58	0.039
1	182.175 - 182.263	rs2986544	rs10752928	<i>COLGALT2</i>	0.77	0.61 - 0.99	0.039
19	58.358 - 58.386	rs1133146	rs4803058	<i>ZNF665</i>	0.76	0.6 - 1	0.039
9	35.798 - 35.798	rs3763631	rs3763631	<i>NPR2, SPAG8</i>	0.77	0.61 - 0.99	0.039
9	35.815 - 35.815	rs4879930	rs4879930	<i>FAM221B</i>	0.77	0.61 - 0.99	0.039
9	35.822 - 35.845	rs2065039	rs12345598	<i>TMEM8B</i>	0.77	0.61 - 0.99	0.039
9	35.846 - 35.847	rs10758328	rs10814285	<i>TMEM8B, LINC00950</i>	0.77	0.61 - 0.99	0.039
9	35.850 - 35.853	rs4879932	rs4879933	<i>LINC00950</i>	0.77	0.61 - 0.99	0.039
9	35.857 - 35.857	rs10814288	rs10814288	<i>LINC00950, OR13J1</i>	0.77	0.61 - 0.99	0.039
14	75.016 - 75.040	rs7158350	rs175702	<i>JDP2, BATF</i>	1.27	1.01 - 1.58	0.039
19	58.484 - 58.485	rs8109165	rs2865248	<i>BIRC8</i>	0.76	0.6 - 1	0.039
19	58.493 - 58.519	rs5025886	rs4803083	<i>BIRC8, ZNF845</i>	0.76	0.59 - 0.99	0.039
9	116.133 - 116.133	rs7018884	rs7018884	<i>ORM2</i>	0.77	0.6 - 0.99	0.039
14	75.115 - 75.181	rs11850801	rs10130308	<i>FLVCR2</i>	1.26	1.01 - 1.58	0.039
1	179.332 - 179.470	rs6679021	rs10797699	<i>IER5, GM140</i>	0.77	0.6 - 0.99	0.039
11	80.905 - 81.263	rs7948330	rs7947832	<i>NONE, MIR4300</i>	0.78	0.62 - 1.01	0.039
2	227.234 - 227.298	rs2178707	rs2251692	<i>MIR5702, IRS1</i>	1.27	1.01 - 1.58	0.039
14	75.060 - 75.082	rs2734268	rs2228234	<i>BATF</i>	1.26	1.01 - 1.58	0.039
9	21.245 - 21.255	rs1330318	rs1543640	<i>IFNA14, IFNA22P</i>	0.77	0.61 - 0.99	0.039
2	202.218 - 202.269	rs3754932	rs6731583	<i>MPP4</i>	0.78	0.62 - 1	0.039
2	202.274 - 202.351	rs7603563	rs6743082	<i>ALS2</i>	0.78	0.61 - 0.99	0.039
2	202.358 - 202.373	rs2110647	rs2052249	<i>ALS2, CDK15</i>	0.78	0.61 - 0.99	0.039
5	49.859 - 49.980	rs7708902	rs1823263	<i>EMB, PARP8</i>	1.26	1.01 - 1.57	0.039
1	179.185 - 179.205	rs2297184	rs7549545	<i>KIAA1614, STX6</i>	0.77	0.6 - 0.99	0.039
6	101.075 - 101.433	rs240783	rs705609	<i>ASCC3</i>	0.77	0.61 - 0.99	0.039
20	2.968 - 2.971	rs6138988	rs3761244	<i>PTPRA, GNRH2</i>	0.78	0.61 - 0.99	0.039
12	52.442 - 52.612	rs17102640	rs7301643	<i>CISTR, HOXC13-AS</i>	1.27	0.99 - 1.56	0.039
1	41.303 - 41.486	rs6686842	rs1472570	<i>MIR5095</i>	0.78	0.62 - 0.99	0.039
21	31.174 - 31.174	rs11908965	rs11908965	<i>KRTAP11-1</i>	1.27	1.01 - 1.59	0.039
21	31.179 - 31.326	rs2833145	rs12482609	<i>KRTAP11-1, KRTAP19-8</i>	1.27	1.01 - 1.59	0.039
1	183.340 - 183.340	rs12046801	rs12046801	<i>RNF2, TRMT1L</i>	0.78	0.61 - 0.99	0.039
1	183.360 - 183.388	rs7523448	rs1407557	<i>TRMT1L</i>	0.78	0.61 - 0.99	0.039
21	31.113 - 31.113	rs2898175	rs2898175	<i>KRTAP8-1, KRTAP7-1</i>	1.27	1.01 - 1.59	0.039
21	31.122 - 31.122	rs2833117	rs2833117	<i>KRTAP7-1</i>	1.27	1.01 - 1.59	0.039
2	204.510 - 204.533	rs4675374	rs10932038	<i>ICOS</i>	0.78	0.62 - 0.99	0.039
16	73.765 - 73.785	rs6564216	rs2904419	<i>ZFP1, CTRB2</i>	1.25	1.01 - 1.55	0.039
16	73.795 - 73.795	rs4737	rs4737	<i>CTRB2</i>	1.25	1.01 - 1.55	0.039
2	143.602 - 144.226	rs354706	rs10208710	<i>ARHGAP15</i>	1.26	1 - 1.55	0.040
16	73.710 - 73.729	rs1820217	rs1579332	<i>LDHD, ZFP1</i>	1.25	1.01 - 1.55	0.040
17	13.916 - 14.052	rs16940865	rs1802618	<i>COX10</i>	0.78	0.62 - 1.01	0.040
1	179.153 - 179.182	rs7551076	rs2331996	<i>KIAA1614</i>	0.77	0.61 - 1	0.040
20	2.803 - 2.968	rs622601	rs2296236	<i>PTPRA</i>	0.78	0.61 - 0.99	0.040
5	125.861 - 125.900	rs4836269	rs2128931	<i>GRAMD3, ALDH7A1</i>	1.27	1.01 - 1.59	0.040
1	166.613 - 166.632	rs6662194	rs2300571	<i>MIR557, RP5-968D22.1</i>	0.76	0.59 - 0.99	0.040
1	166.635 - 166.648	rs2268545	rs4656586	<i>RP5-968D22.1</i>	0.76	0.59 - 0.99	0.040
9	35.757 - 35.778	rs10758321	rs2145923	<i>MSMP, NPR2</i>	0.78	0.64 - 1.03	0.040
11	3.827 - 3.827	rs1869002	rs2193	<i>RHOG, STIM1</i>	0.78	0.61 - 0.99	0.040
9	21.796 - 21.854	rs10757257	rs10123713	<i>MTAP</i>	0.78	0.61 - 0.99	0.040
9	21.134 - 21.147	rs10811480	rs10283629	<i>IFNW1, IFNA21</i>	0.78	0.62 - 1	0.040
20	3.036 - 3.073	rs864140	rs857253	<i>UBOX5-AS1</i>	0.78	0.61 - 0.99	0.040
20	3.050 - 3.050	rs999409	rs999409	<i>UBOX5</i>	0.78	0.61 - 0.99	0.040

6	101.957 - 102.622	rs883931	rs17062805	<i>GRIK2</i>	0.77	0.62 - 1.01	0.040
18	12.966 - 12.976	rs6505774	rs3602	<i>SEH1L</i>	1.26	1.01 - 1.57	0.040
18	12.978 - 12.979	rs9303778	rs17659689	<i>SEH1L,CEP192</i>	1.26	1.01 - 1.57	0.040
1	165.874 - 165.932	rs1229389	rs12066500	<i>RCSDI</i>	0.77	0.6 - 0.99	0.040
4	189.297 - 189.297	rs11938607	rs11938607	<i>TRIML1</i>	1.27	1.01 - 1.59	0.040
10	37.932 - 38.104	rs10740944	rs10508861	<i>MTRNR2L7,ZNF248</i>	0.79	0.63 - 0.99	0.040
10	38.131 - 38.172	rs3739992	rs1208645	<i>ZNF248</i>	0.79	0.63 - 0.99	0.040
10	38.190 - 38.247	rs200944	rs1208587	<i>ZNF248,ZNF25</i>	0.79	0.63 - 0.99	0.040
10	38.277 - 38.305	rs2799495	rs2738191	<i>ZNF25</i>	0.79	0.63 - 0.99	0.040
10	38.341 - 38.382	rs11817782	rs11598044	<i>ZNF33A</i>	0.79	0.63 - 0.99	0.040
10	38.390 - 38.419	rs496627	rs1010729	<i>ZNF33A,ZNF37A</i>	0.79	0.63 - 0.99	0.040
10	38.433 - 38.441	rs2505194	rs176879	<i>ZNF37A</i>	0.79	0.63 - 0.99	0.040
10	38.454 - 38.499	rs12260877	rs2505248	<i>ZNF37A,LOC100129055</i>	0.79	0.63 - 0.99	0.040
12	6.424 - 6.424	rs25680	rs25680	<i>CD27</i>	1.27	1.01 - 1.59	0.040
19	58.269 - 58.293	rs8105668	rs10407043	<i>ZNF160</i>	0.77	0.6 - 1	0.040
9	114.185 - 114.254	rs12335731	rs10981412	<i>HSDL2</i>	0.77	0.61 - 0.99	0.040
16	73.743 - 73.759	rs9939401	rs9931007	<i>ZFP1</i>	1.25	1.01 - 1.55	0.040
19	60.085 - 60.085	rs8102504	rs8102504	<i>FCAR</i>	0.76	0.59 - 0.99	0.040
19	60.099 - 60.099	rs12462519	rs12462519	<i>FCAR,NCR1</i>	0.76	0.59 - 0.99	0.040
2	202.615 - 202.628	rs13026106	rs1402871	<i>FZD7,LOC100652824</i>	0.78	0.62 - 1	0.040
1	191.297 - 191.321	rs7554496	rs41520747	<i>TROVE2</i>	0.77	0.6 - 0.99	0.040
1	191.342 - 191.342	rs912070	rs912070	<i>GLRX2</i>	0.77	0.6 - 0.99	0.040
1	191.349 - 191.350	rs6665069	rs10733078	<i>GLRX2,CDC73</i>	0.77	0.6 - 0.99	0.040
1	191.374 - 191.453	rs7551275	rs6673271	<i>CDC73</i>	0.77	0.6 - 0.99	0.040
19	58.469 - 58.473	rs2914356	rs9304744	<i>VNIR4,FAM90A27P</i>	0.77	0.6 - 1	0.041
13	112.599 - 112.668	rs7989660	rs7983602	<i>ATP11A,MCF2L-AS1</i>	1.28	1.01 - 1.63	0.041
13	112.673 - 112.785	rs3011468	rs2476325	<i>MCF2L</i>	1.28	1.01 - 1.63	0.041
13	112.805 - 112.805	rs1755685	rs1755685	<i>MCF2L,F7</i>	1.28	1.01 - 1.63	0.041
13	112.817 - 112.817	rs491098	rs491098	<i>F7</i>	1.28	1.01 - 1.63	0.041
13	112.829 - 112.852	rs776905	rs3211803	<i>F10</i>	1.28	1.01 - 1.63	0.041
13	112.861 - 112.875	rs3024718	rs3024776	<i>PROZ</i>	1.28	1.01 - 1.63	0.041
13	112.896 - 112.909	rs7329583	rs7998281	<i>PCID2</i>	1.28	1.01 - 1.63	0.041
13	112.915 - 112.964	rs8001506	rs9549368	<i>CUL4A</i>	1.28	1.01 - 1.63	0.041
13	112.986 - 112.997	rs9577491	rs9577495	<i>CUL4A,LAMP1</i>	1.28	1.01 - 1.63	0.041
13	113.011 - 113.011	rs9603823	rs9603823	<i>LAMP1</i>	1.28	1.01 - 1.63	0.041
13	113.026 - 113.060	rs3168760	rs7317038	<i>GRTPI</i>	1.28	1.01 - 1.63	0.041
13	113.070 - 113.104	rs9577246	rs7999901	<i>GRTPI,ADPRHL1</i>	1.28	1.01 - 1.63	0.041
13	113.130 - 113.154	rs9577548	rs9604118	<i>ADPRHL1</i>	1.28	1.01 - 1.63	0.041
13	113.157 - 113.190	rs7986656	rs12428611	<i>DCUN1D2</i>	1.28	1.01 - 1.63	0.041
13	113.194 - 113.250	rs2261120	rs2259399	<i>TMCO3</i>	1.28	1.01 - 1.63	0.041
13	113.253 - 113.284	rs11164140	rs6577054	<i>TMCO3,TFDPI</i>	1.28	1.01 - 1.63	0.041
13	113.292 - 113.340	rs11843987	rs4150817	<i>TFDPI</i>	1.28	1.01 - 1.63	0.041
13	113.356 - 113.361	rs12020712	rs9324255	<i>ATP4B</i>	1.28	1.01 - 1.63	0.041
13	113.361 - 113.366	rs9670626	rs11839787	<i>ATP4B,GRK1</i>	1.28	1.01 - 1.63	0.041
13	113.479 - 113.479	rs7338868	rs7338868	<i>GRK1,LINC00565</i>	1.28	1.01 - 1.63	0.041
13	113.481 - 113.485	rs9604487	rs7399591	<i>LINC00565</i>	1.28	1.01 - 1.63	0.041
13	113.493 - 113.514	rs11259844	rs7329468	<i>LINC00452</i>	1.28	1.01 - 1.63	0.041
13	113.518 - 113.531	rs7996863	rs9577914	<i>LINC00452,GAS6-AS2</i>	1.28	1.01 - 1.63	0.041
13	113.555 - 113.560	rs9577922	rs7994900	<i>GAS6</i>	1.28	1.01 - 1.63	0.041
13	113.586 - 113.586	rs7399637	rs7399637	<i>GAS6-AS1</i>	1.28	1.01 - 1.63	0.041
13	113.618 - 113.645	rs7491716	rs6602895	<i>TMEM255B</i>	1.28	1.01 - 1.63	0.041
13	113.759 - 113.759	rs9796292	rs9796292	<i>TMEM255B,RASA3</i>	1.28	1.01 - 1.63	0.041
13	113.770 - 113.914	rs3895392	rs9562072	<i>RASA3</i>	1.28	1.01 - 1.63	0.041
13	113.919 - 114.010	rs1320468	rs9562165	<i>RASA3,CDC16</i>	1.28	1.01 - 1.63	0.041
13	114.017 - 114.045	rs9590405	rs12430336	<i>CDC16</i>	1.28	1.01 - 1.63	0.041
13	114.059 - 114.063	rs9562187	rs9285061	<i>CDC16,UPF3A</i>	1.28	1.01 - 1.63	0.041

13	114.092 - 114.093	rs7316983	rs9525326	<i>UPF3A,CHAMP1</i>	1.28	1.01 - 1.63	0.041
13	114.104 - 114.104	rs9562200	rs9562200	<i>CHAMP1</i>	1.28	1.01 - 1.63	0.041
9	4.783 - 4.851	rs296847	rs295919	<i>RCL1</i>	0.78	0.62 - 1	0.041
20	2.982 - 2.987	rs6076466	rs8184236	<i>MRPS26,OXT</i>	0.78	0.61 - 0.99	0.041
20	3.032 - 3.032	rs11087565	rs11087565	<i>AVP,UBOX5-AS1</i>	0.78	0.61 - 0.99	0.041
1	166.169 - 166.169	rs10489202	rs10489202	<i>MPC2</i>	0.76	0.59 - 0.99	0.041
18	27.337 - 27.375	rs10502571	rs3829628	<i>DSG2</i>	1.27	1.01 - 1.58	0.041
18	27.385 - 27.385	rs1791230	rs1791230	<i>RP11-75N4.2</i>	1.27	1.01 - 1.59	0.041
1	191.506 - 192.378	rs7542334	rs3004271	<i>CDC73,NONE</i>	0.77	0.61 - 1	0.041
1	179.298 - 179.316	rs4652554	rs4652558	<i>MRI,IER5</i>	0.77	0.61 - 1	0.041
2	202.900 - 202.920	rs12471019	rs6736678	<i>NOP58,BMPR2</i>	0.78	0.61 - 0.99	0.041
10	16.901 - 16.904	rs780632	rs7075036	<i>RSU1,CUBN</i>	1.25	1.01 - 1.55	0.041
18	12.437 - 12.637	rs496485	rs1592641	<i>SPIRE1</i>	1.26	1 - 1.55	0.041
21	22.017 - 22.028	rs7282153	rs1783404	<i>LINC00317</i>	1.28	1.01 - 1.62	0.041
21	22.034 - 22.038	rs1783406	rs1735961	<i>LINC00317,AP000475.2</i>	1.28	1.01 - 1.62	0.041
9	116.734 - 116.820	rs3181192	rs10982495	<i>TNFSF8,TNC</i>	0.78	0.61 - 1	0.041
9	116.821 - 116.915	rs11787664	rs10982543	<i>TNC</i>	0.78	0.61 - 0.99	0.041
2	204.135 - 204.278	rs2222413	rs3181097	<i>RAPH1,CD28</i>	0.78	0.63 - 1.01	0.041
4	191.100 - 191.115	rs6820684	rs6825497	<i>LOC283788</i>	1.26	1.01 - 1.58	0.041
4	191.146 - 191.167	rs6840847	rs10004789	<i>FRG1,LOC100288255</i>	1.26	1.01 - 1.58	0.041
20	52.271 - 52.516	rs6097850	rs6097998	<i>PFDN4,DOK5</i>	0.78	0.63 - 1.02	0.041
9	21.181 - 21.186	rs7849862	rs7856345	<i>IFNA4,IFNA7</i>	0.78	0.61 - 0.99	0.041
9	21.204 - 21.204	rs2015345	rs2015345	<i>IFNA10,IFNA16</i>	0.78	0.61 - 0.99	0.041
18	12.687 - 12.687	rs2542172	rs2542172	<i>CEP76,PSMG2</i>	1.26	1.01 - 1.56	0.041
18	12.702 - 12.702	rs9955985	rs9955985	<i>PSMG2</i>	1.26	1.01 - 1.56	0.041
19	58.988 - 59.002	rs10403669	rs2866112	<i>NLRP12</i>	0.77	0.59 - 0.99	0.041
17	14.154 - 14.190	rs11870163	rs8078587	<i>HS3ST3B1</i>	0.78	0.61 - 0.99	0.041
5	49.737 - 49.746	rs16879120	rs16879113	<i>EMB</i>	1.26	1.01 - 1.57	0.041
19	59.044 - 59.044	rs3865481	rs3865481	<i>NLRP12,MYADM</i>	0.77	0.59 - 0.99	0.041
9	4.983 - 5.100	rs6476934	rs17425637	<i>JAK2</i>	0.78	0.62 - 0.99	0.041
5	40.818 - 40.827	rs3805494	rs3805490	<i>PRKAA1</i>	1.26	1.01 - 1.58	0.042
5	40.835 - 40.844	rs461404	rs6879123	<i>PRKAA1,LOC100506548</i>	1.26	1.01 - 1.58	0.042
5	40.865 - 40.865	rs10062565	rs10062565	<i>LOC100506548</i>	1.26	1.01 - 1.58	0.042
5	40.866 - 40.871	rs192219	rs10065570	<i>RPL37</i>	1.26	1.01 - 1.58	0.042
5	40.874 - 40.874	rs1070446	rs1070446	<i>RPL37,CARD6</i>	1.26	1.01 - 1.58	0.042
5	40.877 - 40.884	rs173969	rs323566	<i>CARD6</i>	1.26	1.01 - 1.58	0.042
5	40.901 - 40.941	rs16870425	rs13156109	<i>CARD6,C7</i>	1.26	1.01 - 1.58	0.042
5	40.950 - 41.016	rs2675979	rs1450665	<i>C7</i>	1.26	1.01 - 1.58	0.042
6	101.021 - 101.056	rs4840132	rs7751526	<i>SIMI,ASCC3</i>	0.77	0.61 - 1	0.042
9	21.161 - 21.168	rs10964878	rs1477479	<i>IFNA21,IFNA4</i>	0.78	0.61 - 0.99	0.042
9	21.222 - 21.228	rs7868334	rs10116540	<i>IFNA17,IFNA14</i>	0.78	0.61 - 0.99	0.042
4	182.319 - 183.294	rs7663660	rs1450143	<i>LINC00290,MGC45800</i>	1.26	1 - 1.56	0.042
9	5.124 - 5.138	rs7038687	rs10118930	<i>JAK2,INSL6</i>	0.78	0.62 - 1	0.042
21	33.114 - 33.308	rs8130475	rs2834069	<i>C21orf62,OLIG2</i>	1.27	0.97 - 1.53	0.042
20	3.091 - 3.092	rs6115805	rs911112	<i>LZTS3</i>	0.78	0.61 - 0.99	0.042
9	5.444 - 5.461	rs12004327	rs6476976	<i>CD274</i>	0.78	0.62 - 1	0.042
20	4.122 - 4.125	rs7274772	rs2027237	<i>RP4-779E11.3</i>	0.78	0.61 - 0.99	0.042
21	31.419 - 31.846	rs724561	rs11909835	<i>TIAMI</i>	1.27	0.98 - 1.54	0.042
1	17.956 - 18.024	rs11810020	rs485291	<i>ACTL8</i>	1.26	1 - 1.56	0.042
1	18.029 - 18.302	rs1890788	rs41413647	<i>ACTL8,IGSF21</i>	1.26	1.01 - 1.58	0.042
5	125.639 - 125.648	rs17154287	rs17165040	<i>LOC101927488</i>	1.26	0.97 - 1.53	0.042
5	125.678 - 125.721	rs989374	rs10519906	<i>LOC101927488,GRAMD3</i>	1.26	1.01 - 1.59	0.042
19	58.954 - 58.954	rs583569	rs583569	<i>MIR1283-2,MIR516A2</i>	0.77	0.59 - 0.99	0.042
2	202.772 - 202.774	rs13001933	rs10931992	<i>LOC100652824,SUMO1</i>	0.78	0.61 - 0.99	0.042
2	202.790 - 202.810	rs10185956	rs6761234	<i>SUMO1</i>	0.78	0.61 - 0.99	0.042
2	202.815 - 202.815	rs10931993	rs10931993	<i>SUMO1,NOP58</i>	0.78	0.61 - 0.99	0.042

2	202.850 - 202.850	rs16838988	rs16838988	<i>NOP58</i>	0.78	0.61 - 0.99	0.042
2	229.854 - 229.929	rs7579884	rs2216336	<i>PID1,DNER</i>	1.26	1.01 - 1.58	0.042
4	154.059 - 154.079	rs13108540	rs2004794	<i>ARFIP1,FHDC1</i>	1.27	1.01 - 1.6	0.042
9	74.059 - 74.154	rs7029217	rs11143270	<i>GDA,ZFAND5</i>	0.79	0.65 - 1.04	0.042
5	45.312 - 45.726	rs6451793	rs6881805	<i>HCN1</i>	1.26	1.01 - 1.57	0.042
5	45.751 - 46.419	rs2879074	rs10053628	<i>HCN1,NONE</i>	1.26	1.01 - 1.57	0.042
1	182.165 - 182.165	rs7522001	rs7522001	<i>RGL1,COLGALT2</i>	0.78	0.61 - 0.99	0.043
21	16.028 - 16.174	rs926612	rs9982630	<i>USP25</i>	1.27	1 - 1.59	0.043
15	31.315 - 31.327	rs8025470	rs17235868	<i>TMCO5B</i>	0.77	0.61 - 1	0.043
2	204.449 - 204.506	rs1427676	rs3923093	<i>CTLA4,ICOS</i>	0.78	0.62 - 0.99	0.043
1	182.286 - 182.296	rs10797938	rs12751711	<i>TSEN15</i>	0.78	0.61 - 0.99	0.043
1	42.158 - 42.199	rs12094473	rs603288	<i>HIVEP3,NONE</i>	0.79	0.62 - 0.99	0.043
1	42.208 - 42.290	rs6686901	rs1421275	<i>HIVEP3,GUCA2B</i>	0.79	0.62 - 0.99	0.043
20	52.526 - 52.701	rs6512962	rs6091942	<i>DOK5</i>	0.78	0.62 - 1	0.043
20	52.717 - 53.465	rs6023474	rs7273161	<i>DOK5,RP5-1010E17.2</i>	0.78	0.62 - 0.99	0.043
21	33.656 - 33.692	rs9980664	rs9978166	<i>IFNARI,IFNGR2</i>	1.26	1.01 - 1.59	0.043
16	47.016 - 47.118	rs8062683	rs8046716	<i>MIR548AE2,N4BP1</i>	1.27	1.01 - 1.59	0.043
17	14.149 - 14.149	rs16949359	rs9896731	<i>MGC12916</i>	0.78	0.61 - 0.99	0.043
1	191.277 - 191.294	rs6661522	rs4657842	<i>UCHL5</i>	0.77	0.6 - 0.99	0.043
2	143.354 - 143.516	rs7586571	rs3816193	<i>KYNU</i>	1.26	1 - 1.56	0.043
5	49.596 - 49.697	rs1328254	rs3849669	<i>NONE,EMB</i>	1.26	1.01 - 1.57	0.043
10	49.569 - 49.860	rs17009407	rs1054553	<i>WDFY4</i>	0.79	0.63 - 1	0.043
9	114.155 - 114.174	rs10759554	rs7853980	<i>MIR3134,HSDL2</i>	0.78	0.61 - 0.99	0.043
13	112.388 - 112.391	rs1865266	rs2274774	<i>C13orf35,ATP11A</i>	1.28	1.01 - 1.62	0.043
9	5.834 - 5.872	rs10975315	rs10758715	<i>ERMP1,MLANA</i>	0.78	0.63 - 1	0.043
2	204.287 - 204.311	rs3769683	rs17533727	<i>CD28</i>	0.78	0.62 - 0.99	0.043
2	204.318 - 204.435	rs1980422	rs231769	<i>CD28,CTLA4</i>	0.78	0.62 - 0.99	0.043
5	41.021 - 41.028	rs4957361	rs4957362	<i>C7,MROH2B</i>	1.26	1.01 - 1.58	0.043
5	41.033 - 41.106	rs722575	rs13158729	<i>MROH2B</i>	1.26	1.01 - 1.58	0.043
2	201.164 - 201.243	rs17448359	rs2540066	<i>AOX1</i>	0.78	0.62 - 0.99	0.043
12	91.658 - 91.684	rs7958821	rs10777449	<i>PLEKHG7</i>	0.78	0.61 - 0.99	0.043
1	165.962 - 166.025	rs12069064	rs7605	<i>MPZL1</i>	0.77	0.61 - 1.02	0.043
1	190.875 - 190.894	rs4459087	rs12118386	<i>RGS13</i>	0.77	0.6 - 0.99	0.043
1	158.723 - 158.758	rs1249552	rs6689237	<i>SLAMF6</i>	0.77	0.6 - 0.99	0.043
1	158.773 - 158.773	rs11265432	rs7418241	<i>SLAMF6,CD84</i>	0.77	0.6 - 0.99	0.043
13	112.454 - 112.454	rs373653	rs373653	<i>ATP11A-AS1</i>	1.28	1.01 - 1.62	0.044
1	158.666 - 158.719	rs6688100	rs11265412	<i>VANGL2,SLAMF6</i>	0.77	0.63 - 1.04	0.044
9	5.307 - 5.318	rs7848509	rs10758680	<i>RLN2,RLN1</i>	0.78	0.62 - 0.99	0.044
16	46.760 - 46.826	rs17821664	rs13336625	<i>ABCC11</i>	1.27	1.01 - 1.59	0.044
16	46.828 - 46.828	rs9932328	rs8043685	<i>ABCC11,MIR548AE2</i>	1.27	1.01 - 1.59	0.044
16	46.835 - 46.941	rs9940038	rs8055764	<i>MIR548AE2</i>	1.27	1.01 - 1.59	0.044
2	201.064 - 201.071	rs10931901	rs967725	<i>KCTD18</i>	0.78	0.62 - 1	0.044
2	201.109 - 201.157	rs10497850	rs12621063	<i>SGOL2</i>	0.78	0.62 - 0.99	0.044
2	201.157 - 201.157	rs2072034	rs2072034	<i>AOX1;SGOL2</i>	0.78	0.62 - 0.99	0.044
10	17.325 - 17.396	rs1037008	rs398165	<i>VIM,ST8SIA6</i>	1.25	1 - 1.54	0.044
12	85.766 - 86.696	rs1387404	rs2708025	<i>MGAT4C,MKRN9P</i>	0.77	0.62 - 1.02	0.044
12	86.710 - 86.896	rs1461282	rs12308624	<i>MKRN9P,C12orf50</i>	0.77	0.6 - 0.99	0.044
5	44.853 - 45.287	rs7720787	rs11954866	<i>MRPS30,HCN1</i>	1.26	0.99 - 1.54	0.044
1	42.304 - 42.386	rs6687333	rs12079163	<i>NONE,GUCA2B</i>	0.79	0.62 - 0.99	0.044
9	113.799 - 114.131	rs4979072	rs946816	<i>MIR3134</i>	0.78	0.64 - 1.04	0.044
2	204.439 - 204.447	rs16840252	rs3087243	<i>CTLA4</i>	0.78	0.62 - 0.99	0.044
19	58.299 - 58.299	rs12975371	rs12975371	<i>ZNF160,ZNF415</i>	0.77	0.6 - 0.99	0.044
19	58.302 - 58.325	rs3814	rs10423632	<i>ZNF415</i>	0.77	0.6 - 0.99	0.044
9	5.469 - 5.478	rs7043593	rs16923180	<i>CD274,PDCD1LG2</i>	0.78	0.62 - 0.99	0.044
9	5.326 - 5.326	rs1885497	rs1885498	<i>RLN1</i>	0.78	0.62 - 0.99	0.044
9	5.336 - 5.344	rs7859081	rs10815188	<i>RLN1,PLGRKT</i>	0.78	0.62 - 0.99	0.044

16	46.301 - 46.651	rs2054000	rs12103132	<i>PHKB,ABCC12</i>	1.27	0.99 - 1.57	0.044
16	46.678 - 46.734	rs16945786	rs16945881	<i>ABCC12</i>	1.27	1.01 - 1.59	0.044
1	41.256 - 41.256	rs17357905	rs17357905	<i>SLFNLI-AS1</i>	0.78	0.62 - 0.99	0.044
4	179.151 - 180.199	rs10010019	rs9312239	<i>LINC01098,NONE</i>	1.26	0.95 - 1.49	0.044
13	112.138 - 112.176	rs7992158	rs4907531	<i>SPACA7,TUBGCP3</i>	1.27	1.01 - 1.6	0.044
9	4.855 - 4.966	rs12554461	rs10124001	<i>RCL1,JAK2</i>	0.78	0.62 - 1	0.044
12	87.939 - 88.258	rs2159592	rs9971767	<i>RP11-13A1.1,DUSP6</i>	0.77	0.64 - 1.05	0.044
18	11.678 - 11.875	rs8087266	rs647651	<i>GNAL</i>	1.25	0.97 - 1.51	0.044
16	76.637 - 76.685	rs4888731	rs1073111	<i>CLEC3A,WWOX</i>	1.25	1 - 1.54	0.044
15	70.891 - 71.121	rs4777546	rs7163543	<i>ADPGK-AS1,NEO1</i>	0.78	0.61 - 0.99	0.044
1	179.481 - 179.716	rs10797703	rs633143	<i>GMI40,CACNA1E</i>	0.78	0.62 - 1.02	0.045
20	51.023 - 51.529	rs6013586	rs6097441	<i>TSHZ2</i>	0.78	0.69 - 1.09	0.045
4	82.235 - 82.353	rs2868134	rs1822441	<i>PRKG2</i>	0.78	0.64 - 1.03	0.045
21	29.173 - 29.178	rs2205449	rs2254638	<i>N6AMT1</i>	1.26	1.01 - 1.58	0.045
21	29.180 - 29.220	rs2255013	rs2464620	<i>N6AMT1,LTN1</i>	1.26	1.01 - 1.58	0.045
21	29.228 - 29.276	rs11088102	rs2832150	<i>LTN1</i>	1.26	1.01 - 1.58	0.045
21	29.298 - 29.298	rs2150403	rs2150403	<i>LTN1,RWDD2B</i>	1.26	1.01 - 1.58	0.045
21	29.308 - 29.312	rs9305386	rs11700764	<i>RWDD2B</i>	1.26	1.01 - 1.58	0.045
21	29.330 - 29.343	rs2832153	rs8128844	<i>USP16</i>	1.26	1.01 - 1.58	0.045
21	29.376 - 29.469	rs1888439	rs14498	<i>MAP3K7CL</i>	1.26	1.01 - 1.58	0.045
13	112.294 - 112.344	rs1925888	rs7330399	<i>TUBGCP3,C13orf35</i>	1.28	1 - 1.61	0.045
13	112.353 - 112.367	rs11620577	rs1571622	<i>C13orf35</i>	1.28	1.01 - 1.62	0.045
12	88.633 - 89.832	rs4842499	rs7957174	<i>LINC00936,LINC00615</i>	0.78	0.62 - 1.02	0.045
1	166.817 - 166.817	rs982143	rs982143	<i>XCL1</i>	0.77	0.59 - 0.99	0.045
1	166.822 - 166.930	rs7515197	rs17561899	<i>XCL1,DPT</i>	0.77	0.59 - 0.99	0.045
1	167.655 - 167.664	rs4656677	rs6696810	<i>CCDC181</i>	0.77	0.59 - 0.99	0.045
1	167.670 - 167.690	rs12021580	rs1517744	<i>CCDC181,SLC19A2</i>	0.77	0.59 - 0.99	0.045
1	167.699 - 167.722	rs12091844	rs12408451	<i>SLC19A2</i>	0.77	0.59 - 0.99	0.045
20	51.674 - 51.917	rs6097497	rs2024067	<i>ZNF217,SUMO1P1</i>	0.78	0.62 - 0.99	0.045
21	33.329 - 33.345	rs743309	rs2834078	<i>OLIG2,LINC00945</i>	1.26	1 - 1.59	0.045
15	69.869 - 69.871	rs900542	rs11634405	<i>THSD4,NR2E3</i>	0.78	0.61 - 0.99	0.045
19	58.166 - 58.180	rs10164358	rs7251099	<i>ZNF702P</i>	0.77	0.64 - 1.05	0.045
13	111.777 - 111.893	rs6577061	rs9577645	<i>SOX1,LINC01070</i>	1.27	0.99 - 1.57	0.045
15	30.111 - 30.231	rs868437	rs2337980	<i>CHRNA7</i>	0.78	0.63 - 1.03	0.045
5	41.108 - 41.175	rs1423392	rs1423417	<i>MROH2B,C6</i>	1.26	1.01 - 1.57	0.045
5	41.178 - 41.293	rs9200	rs1363883	<i>C6</i>	1.26	1.01 - 1.57	0.045
15	70.831 - 70.858	rs9460	rs12594938	<i>ADPGK</i>	0.78	0.61 - 1	0.045
15	70.865 - 70.874	rs4777540	rs7178409	<i>ADPGK-AS1</i>	0.78	0.61 - 0.99	0.045
4	189.169 - 189.248	rs6827557	rs12647135	<i>ZFP42,TRIML2</i>	1.26	1 - 1.57	0.045
19	60.069 - 60.069	rs3745902	rs3745902	<i>KIR3DL2</i>	0.77	0.6 - 0.99	0.045
19	60.074 - 60.074	rs11672983	rs11672983	<i>KIR3DL2,FCAR</i>	0.77	0.6 - 0.99	0.045
1	42.578 - 42.607	rs913426	rs6679533	<i>FOXJ3,RIMKLA</i>	0.79	0.63 - 1	0.045
10	43.087 - 43.181	rs11818744	rs4514358	<i>RASGEF1A,FXYP4</i>	0.79	0.63 - 1	0.045
21	33.320 - 33.321	rs1005573	rs762178	<i>OLIG2</i>	1.26	1.01 - 1.59	0.045
21	29.471 - 29.486	rs2832238	rs2832255	<i>MAP3K7CL,LINC00189</i>	1.26	1.01 - 1.58	0.046
21	29.487 - 29.579	rs8131103	rs16983940	<i>LINC00189</i>	1.26	1.01 - 1.58	0.046
1	167.369 - 167.598	rs1200160	rs2176473	<i>NME7</i>	0.77	0.59 - 1	0.046
1	167.605 - 167.612	rs11800843	rs1028180	<i>BLZF1</i>	0.77	0.59 - 0.99	0.046
2	203.357 - 203.423	rs4675292	rs10207567	<i>ICAIL</i>	0.78	0.62 - 1	0.046
2	203.501 - 203.553	rs10190966	rs10205697	<i>CARF</i>	0.78	0.62 - 1	0.046
2	203.569 - 203.569	rs7603031	rs7603031	<i>CARF,NBEAL1</i>	0.78	0.62 - 1	0.046
2	203.589 - 203.769	rs4675310	rs11678215	<i>NBEAL1</i>	0.78	0.62 - 1	0.046
2	203.793 - 203.799	rs12693982	rs2351773	<i>NBEAL1,CYP20A1</i>	0.78	0.62 - 1	0.046
2	203.823 - 203.877	rs4675326	rs6435181	<i>CYP20A1</i>	0.78	0.62 - 1	0.046
2	203.903 - 203.995	rs13430194	rs2255047	<i>ABI2</i>	0.78	0.62 - 1	0.046
2	226.756 - 227.219	rs2943653	rs12474317	<i>LOC646736,MIR5702</i>	1.26	0.99 - 1.56	0.046

16	46.743 - 46.751	rs11861127	rs957881	<i>ABCC12,ABCC11</i>	1.26	1.01 - 1.59	0.046
2	204.014 - 204.072	rs2247197	rs2247380	<i>RAPH1</i>	0.78	0.62 - 1	0.046
1	167.345 - 167.361	rs1200131	rs1892094	<i>ATP1B1</i>	0.77	0.59 - 1	0.046
11	108.320 - 108.794	rs10789695	rs2212430	<i>DDX10,C11orf87</i>	0.79	0.63 - 1.01	0.046
16	76.613 - 76.614	rs2735400	rs2735401	<i>CLEC3A</i>	1.25	1 - 1.54	0.046
20	51.995 - 52.120	rs6091785	rs11905719	<i>BCAS1</i>	0.78	0.62 - 1	0.046
20	51.547 - 51.598	rs6097457	rs2766660	<i>TSHZ2,RP4-724E16.2</i>	0.78	0.62 - 1	0.046
1	179.216 - 179.255	rs6665134	rs10797664	<i>STX6</i>	0.78	0.61 - 1	0.046
14	72.997 - 72.997	rs8010671	rs8010671	<i>NUMB,HEATR4</i>	1.25	1 - 1.56	0.046
20	4.117 - 4.119	rs1217355	rs6084657	<i>SMOX,RP4-779E11.3</i>	0.78	0.62 - 1	0.046
9	4.669 - 4.696	rs3758245	rs3174298	<i>CDC37L1</i>	0.78	0.62 - 1	0.046
10	37.593 - 37.636	rs12267579	rs7097277	<i>ANKRD30A,LINC00993</i>	0.79	0.63 - 1	0.046
10	37.640 - 37.654	rs12356772	rs11011123	<i>LINC00993</i>	0.79	0.63 - 1	0.046
12	86.900 - 86.948	rs11104698	rs2731640	<i>C12orf50</i>	0.78	0.61 - 1	0.046
17	14.203 - 14.872	rs11078243	rs7216570	<i>HS3ST3B1,CDRT7</i>	0.78	0.63 - 1.02	0.046
1	41.111 - 41.210	rs1359893	rs10789262	<i>CITED4,CTPS1</i>	0.79	0.64 - 1.03	0.046
16	75.805 - 75.871	rs7203467	rs17712826	<i>SYCE1L,ADAMTS18</i>	1.24	0.99 - 1.52	0.046
1	42.629 - 42.661	rs12408746	rs1110071	<i>RIMKLA</i>	0.79	0.62 - 1	0.046
2	202.610 - 202.612	rs4673222	rs12478708	<i>FZD7</i>	0.78	0.62 - 1	0.046
9	21.076 - 21.126	rs7867177	rs10738586	<i>IFNB1,IFNW1</i>	0.78	0.62 - 1	0.046
9	21.436 - 21.438	rs10811545	rs7864960	<i>IFNA1,MIR31HG</i>	0.78	0.61 - 1	0.046
19	58.535 - 58.535	rs10405660	rs10405660	<i>ZNF845</i>	0.77	0.6 - 1	0.046
19	58.569 - 58.569	rs8101653	rs8101653	<i>ZNF525</i>	0.77	0.6 - 1	0.046
19	58.582 - 58.588	rs2708709	rs12610602	<i>ZNF525,ZNF765</i>	0.77	0.6 - 1	0.046
10	36.132 - 37.426	rs16936361	rs2505140	<i>PCAT5,ANKRD30A</i>	0.79	0.7 - 1.1	0.046
4	182.224 - 182.315	rs17228300	rs12507155	<i>LINC00290</i>	1.26	1 - 1.57	0.046
1	165.776 - 165.779	rs2064294	rs3753921	<i>CREG1</i>	0.78	0.61 - 1	0.046
21	15.362 - 16.021	rs2823032	rs7277807	<i>NRIP1,USP25</i>	1.26	0.92 - 1.46	0.046
4	80.718 - 80.964	rs12511646	rs9968253	<i>LINC00989,PCAT4</i>	0.78	0.63 - 1.01	0.046
1	166.932 - 166.965	rs524705	rs10918966	<i>DPT</i>	0.77	0.59 - 1	0.046
16	47.146 - 47.187	rs3826176	rs8059905	<i>N4BP1</i>	1.26	1 - 1.59	0.047
5	127.407 - 127.430	rs10519971	rs1036171	<i>LINC01184</i>	1.26	1 - 1.58	0.047
5	127.453 - 127.544	rs13355233	rs10519975	<i>SLC12A2</i>	1.26	1 - 1.58	0.047
20	51.626 - 51.632	rs6063966	rs3748501	<i>ZNF217</i>	0.78	0.62 - 1	0.047
20	2.465 - 2.571	rs6049831	rs2422818	<i>TMC2</i>	0.78	0.62 - 1	0.047
19	58.454 - 58.454	rs2914367	rs2914367	<i>VNIR2</i>	0.77	0.6 - 1	0.047
2	201.270 - 201.351	rs2540057	rs10515941	<i>AOX2P</i>	0.79	0.63 - 1	0.047
1	178.749 - 178.864	rs6704437	rs6661325	<i>ACBD6,XPR1</i>	0.78	0.63 - 1.03	0.047
12	86.970 - 87.055	rs17015421	rs2471517	<i>CEP290</i>	0.78	0.61 - 1	0.047
12	87.060 - 87.087	rs7308977	rs2471519	<i>TMTC3</i>	0.78	0.61 - 1	0.047
12	87.123 - 87.406	rs7486236	rs1162371	<i>TMTC3,KITLG</i>	0.78	0.61 - 1	0.047
20	2.312 - 2.358	rs1967678	rs2076650	<i>TGM6</i>	0.78	0.62 - 1	0.047
1	41.219 - 41.226	rs7546898	rs4453027	<i>CTPS1</i>	0.79	0.62 - 1	0.047
2	200.883 - 201.056	rs295149	rs6435052	<i>SPATS2L</i>	0.79	0.63 - 1.02	0.047
5	41.300 - 41.330	rs391781	rs170429	<i>C6,PLCXD3</i>	1.26	1 - 1.57	0.047
14	72.498 - 72.504	rs2243596	rs2535896	<i>DCAF4,ZFYVE1</i>	1.25	1 - 1.56	0.047
14	72.514 - 72.562	rs2286837	rs12432987	<i>ZFYVE1</i>	1.25	1 - 1.56	0.047
20	51.602 - 51.622	rs6068574	rs16998236	<i>RP4-724E16.2</i>	0.78	0.62 - 1	0.047
15	30.719 - 30.719	rs4544214	rs4643284	<i>ARHGAP11A</i>	0.78	0.61 - 1	0.047
10	37.494 - 37.548	rs1892429	rs1148259	<i>ANKRD30A</i>	0.79	0.63 - 1	0.047
19	58.198 - 58.206	rs16984293	rs1650930	<i>ZNF702P,ERVV-1</i>	0.77	0.6 - 1	0.047
1	167.727 - 167.744	rs6696217	rs6687813	<i>SLC19A2,F5</i>	0.77	0.59 - 1	0.047
20	52.203 - 52.219	rs11907350	rs2245153	<i>CYP24A1</i>	0.78	0.62 - 1	0.047
1	180.558 - 180.614	rs10797766	rs6684297	<i>GSI-122H1.2,GLUL</i>	0.78	0.61 - 1	0.047
1	180.628 - 180.628	rs11585457	rs11585457	<i>GLUL</i>	0.78	0.61 - 1	0.047
1	180.634 - 180.636	rs6667958	rs7551829	<i>TEDDMI</i>	0.78	0.61 - 1	0.047

1	180.637 - 180.640	rs1925829	rs7522149	<i>TEDDM1,LINC00272</i>	0.78	0.61 - 1	0.047
1	180.643 - 180.650	rs10797774	rs16858935	<i>LINC00272</i>	0.78	0.61 - 1	0.047
11	85.740 - 85.740	rs7937189	rs7937189	<i>C11orf73,CCDC81</i>	0.78	0.62 - 1	0.047
11	85.769 - 85.794	rs7944482	rs10501619	<i>CCDC81</i>	0.78	0.62 - 1	0.047
9	74.179 - 74.320	rs2984524	rs4373587	<i>ZFAND5,TMC1</i>	0.79	0.63 - 1	0.047
16	73.800 - 73.800	rs9928736	rs9928736	<i>CTRB2,CTRB1</i>	1.24	1 - 1.54	0.047
19	58.930 - 58.930	rs3931061	rs4803169	<i>MIR518D</i>	0.77	0.6 - 1	0.047
15	69.899 - 69.904	rs12898868	rs16956273	<i>NR2E3,MYO9A</i>	0.78	0.61 - 1	0.048
12	6.671 - 6.671	rs11064317	rs11064317	<i>ZNF384,PIANP</i>	1.26	1 - 1.58	0.048
20	2.416 - 2.451	rs6114506	rs6106895	<i>ZNF343</i>	0.78	0.62 - 1.01	0.048
20	2.455 - 2.463	rs8122680	rs17317517	<i>ZNF343,TMC2</i>	0.78	0.62 - 1	0.048
20	2.572 - 2.575	rs4815453	rs2038246	<i>TMC2,NOP56</i>	0.78	0.62 - 1	0.048
1	42.665 - 42.665	rs11210643	rs11210643	<i>RIMKLA,ZMYND12</i>	0.79	0.62 - 1	0.048
1	42.670 - 42.688	rs10399812	rs16829544	<i>ZMYND12</i>	0.79	0.62 - 1	0.048
1	167.332 - 167.339	rs7523965	rs1320976	<i>LINC00970,ATP1B1</i>	0.77	0.59 - 1	0.048
12	88.265 - 88.265	rs704073	rs704073	<i>DUSP6</i>	0.78	0.61 - 1	0.048
19	59.073 - 59.073	rs307939	rs307939	<i>MYADM,PRKCG</i>	0.77	0.6 - 1	0.048
2	201.285 - 201.285	rs11896227	rs11896227	<i>AC007163.3</i>	0.79	0.62 - 1	0.048
10	49.535 - 49.556	rs11101416	rs4838635	<i>ARHGAP22,WDFY4</i>	0.79	0.63 - 1	0.048
16	75.459 - 75.459	rs7187552	rs7187552	<i>MIR4719</i>	1.24	1 - 1.53	0.048
16	75.462 - 75.768	rs1948580	rs10871331	<i>MIR4719,MON1B</i>	1.24	1 - 1.53	0.048
16	73.821 - 73.852	rs7190458	rs4493083	<i>BCARI</i>	1.24	1 - 1.53	0.048
16	73.879 - 73.879	rs8055098	rs8055098	<i>BCARI,CFDP1</i>	1.24	1 - 1.54	0.048
1	67.940 - 68.068	rs7419	rs2249993	<i>GNG12</i>	0.79	0.62 - 1	0.048
1	68.073 - 68.440	rs10749776	rs2149823	<i>GNG12-AS1</i>	0.79	0.62 - 1	0.048
9	20.650 - 20.986	rs7853387	rs4468020	<i>FOCAD</i>	0.78	0.64 - 1.04	0.048
9	21.023 - 21.063	rs10964808	rs7849713	<i>PTPLAD2,IFNB1</i>	0.78	0.62 - 1	0.048
13	112.193 - 112.285	rs9577771	rs9635139	<i>TUBGCP3</i>	1.27	0.98 - 1.57	0.048
12	6.649 - 6.649	rs7980637	rs7980637	<i>ZNF384</i>	1.26	1 - 1.58	0.048
11	85.460 - 85.617	rs4944556	rs1874694	<i>PICALM,EED</i>	0.78	0.62 - 1.01	0.048
11	85.637 - 85.650	rs991435	rs10898459	<i>EED</i>	0.78	0.62 - 1	0.048
11	85.670 - 85.685	rs7116441	rs291234	<i>EED,C11orf73</i>	0.78	0.62 - 1	0.048
11	85.733 - 85.734	rs6592284	rs10792848	<i>C11orf73</i>	0.78	0.62 - 1	0.048
9	5.352 - 5.425	rs2236320	rs1322250	<i>PLGRKT</i>	0.79	0.62 - 1	0.048
5	39.462 - 39.555	rs9292741	rs11952251	<i>DAB2,LOC101926940</i>	1.26	1 - 1.58	0.048
18	12.378 - 12.390	rs8091099	rs7243316	<i>AFG3L2,SLMO1</i>	1.25	0.99 - 1.53	0.048
18	12.399 - 12.413	rs1785318	rs11665158	<i>SLMO1</i>	1.25	1 - 1.55	0.048
18	12.425 - 12.433	rs34518007	rs497534	<i>SLMO1,SPIRE1</i>	1.25	1 - 1.55	0.048
21	22.305 - 22.386	rs9982805	rs17004114	<i>AP000472.2</i>	1.27	0.98 - 1.59	0.048
19	58.459 - 58.460	rs2965265	rs1978611	<i>VNIR2,VNIR4</i>	0.77	0.6 - 1	0.048
19	58.461 - 58.461	rs2914360	rs2914360	<i>VNIR4</i>	0.77	0.6 - 1	0.048
4	188.695 - 188.831	rs12649171	rs7659329	<i>RP11-565A3.2</i>	1.26	0.98 - 1.55	0.048
1	180.687 - 180.795	rs267866	rs41448747	<i>RGSL1</i>	0.78	0.61 - 1	0.048
1	180.803 - 180.805	rs10911098	rs474939	<i>RGSL1,RNASEL</i>	0.78	0.61 - 1	0.048
1	180.808 - 180.825	rs627839	rs2274509	<i>RNASEL</i>	0.78	0.61 - 1	0.048
1	180.828 - 180.832	rs12041623	rs503280	<i>RNASEL,RGS16</i>	0.78	0.61 - 1	0.048
1	180.834 - 180.834	rs4652733	rs4652733	<i>RGS16</i>	0.78	0.61 - 1	0.048
1	180.841 - 180.848	rs10489966	rs10752878	<i>RGS16,LOC284648</i>	0.78	0.61 - 1	0.048
5	2.372 - 2.791	rs13167058	rs1497463	<i>LOC100506858,IRX2</i>	0.78	0.64 - 1.05	0.048
5	127.637 - 127.893	rs2291628	rs6595837	<i>FBN2</i>	1.25	1 - 1.57	0.048
5	127.910 - 128.320	rs4557470	rs7706059	<i>FBN2,SLC27A6</i>	1.25	1 - 1.57	0.048
10	50.071 - 50.171	rs11101010	rs7893248	<i>C10orf128,C10orf71-AS</i>	0.79	0.63 - 1	0.048
2	203.215 - 203.291	rs35202091	rs7571219	<i>FAM117B</i>	0.79	0.62 - 1	0.048
5	42.859 - 43.013	rs11745003	rs2548343	<i>SEPP1,FLJ32255</i>	1.25	1 - 1.57	0.048
10	50.178 - 50.192	rs7900404	rs11101085	<i>C10orf71</i>	0.79	0.64 - 1.01	0.048
1	184.917 - 185.041	rs3918304	rs12757858	<i>PTGS2,PLA2G4A</i>	0.78	0.62 - 1	0.048

1	185.081 - 185.219	rs35641837	rs7526089	<i>PLA2G4A</i>	0.78	0.62 - 1	0.048
11	4.079 - 4.094	rs11030937	rs7940013	<i>RRM1</i>	0.79	0.62 - 1	0.048
11	4.119 - 4.162	rs4910897	rs4335537	<i>RRM1,LOC100506082</i>	0.79	0.62 - 1	0.048
11	4.169 - 4.179	rs1822288	rs7121040	<i>LOC100506082</i>	0.79	0.62 - 1	0.048
11	4.185 - 4.192	rs10734407	rs41482546	<i>LOC100506082,OR52B4</i>	0.79	0.62 - 1	0.048
11	4.348 - 4.360	rs6578490	rs2052731	<i>OR52B4,TRIM21</i>	0.79	0.62 - 1	0.048
11	4.362 - 4.371	rs2898955	rs1426378	<i>TRIM21</i>	0.79	0.62 - 1	0.048
9	4.703 - 4.732	rs296827	rs3808855	<i>AK3</i>	0.79	0.62 - 1	0.048
19	59.629 - 59.629	rs10418661	rs10418661	<i>TTYHI</i>	0.77	0.6 - 1	0.048
19	59.644 - 59.644	rs10425451	rs10425451	<i>TTYHI,LENG8</i>	0.77	0.6 - 1	0.048
19	59.655 - 59.657	rs3813149	rs3813148	<i>LENG8</i>	0.77	0.6 - 1	0.048
20	4.083 - 4.111	rs1765003	rs1337281	<i>SMOX</i>	0.79	0.63 - 1.01	0.048
1	175.523 - 176.161	rs12729262	rs533128	<i>BRINP2,SEC16B</i>	0.78	0.61 - 1	0.048
16	31.799 - 31.813	rs7203345	rs3843960	<i>ZNF267</i>	1.26	0.99 - 1.57	0.048
16	31.845 - 31.882	rs12444740	rs2432337	<i>ZNF267,HERC2P4</i>	1.26	1 - 1.59	0.048
19	58.481 - 58.481	rs3960965	rs7249558	<i>FAM90A27P,BIRC8</i>	0.77	0.6 - 1	0.048
2	226.343 - 226.714	rs6709099	rs6736674	<i>MIR548AR,LOC646736</i>	1.26	1 - 1.58	0.048
1	166.974 - 167.018	rs494189	rs7544863	<i>DPT,LINC00626</i>	0.77	0.59 - 1	0.048
20	3.179 - 3.333	rs1207	rs6107284	<i>C20orf194</i>	0.79	0.62 - 1	0.049
1	67.678 - 67.919	rs17446753	rs488778	<i>SERBP1,GADD45A</i>	0.79	0.64 - 1.03	0.049
1	180.440 - 180.550	rs10911031	rs16858833	<i>GSI-122H1.2</i>	0.78	0.62 - 1.01	0.049
2	202.954 - 203.134	rs4303700	rs17199249	<i>BMPR2</i>	0.79	0.62 - 1	0.049
2	203.176 - 203.206	rs13403263	rs7581601	<i>BMPR2,FAM117B</i>	0.79	0.62 - 1	0.049
19	58.340 - 58.347	rs10423215	rs4575636	<i>ZNF347</i>	0.78	0.6 - 1	0.049
19	58.210 - 58.210	rs1650925	rs1650925	<i>ERVV-1</i>	0.78	0.6 - 1	0.049
10	17.225 - 17.284	rs12248293	rs10795460	<i>TRDMT1</i>	1.24	0.99 - 1.52	0.049
10	17.285 - 17.294	rs10904906	rs7080366	<i>TRDMT1,VIM-AS1</i>	1.24	1 - 1.54	0.049
20	3.164 - 3.164	rs2014425	rs2014425	<i>SLC4A11</i>	0.79	0.62 - 1	0.049
20	3.176 - 3.176	rs1961897	rs4507156	<i>SLC4A11,C20orf194</i>	0.79	0.62 - 1	0.049
11	85.828 - 85.828	rs1452138	rs1452138	<i>CCDC81,ME3</i>	0.79	0.62 - 1	0.049
4	142.378 - 142.752	rs1435128	rs6835391	<i>ZNF330,IL15</i>	1.26	0.97 - 1.54	0.049
15	30.802 - 30.809	rs1528734	rs11854391	<i>GREM1</i>	0.78	0.61 - 1	0.049
15	30.826 - 30.831	rs17816285	rs1269118	<i>GREM1,FMN1</i>	0.78	0.61 - 1	0.049
19	60.173 - 60.197	rs269913	rs1654502	<i>NLRP2</i>	0.77	0.6 - 1	0.049
1	243.388 - 243.929	rs6429526	rs10924309	<i>KIF26B</i>	0.78	0.63 - 1.03	0.049
9	21.130 - 21.130	rs10964859	rs10964859	<i>IFNW1</i>	0.78	0.62 - 1	0.049
1	180.654 - 180.679	rs267855	rs10494549	<i>LINC00272,RGSL1</i>	0.78	0.61 - 1	0.049
10	50.207 - 50.242	rs10857473	rs4838509	<i>C10orf71,DRGX</i>	0.80	0.63 - 1	0.049
1	67.929 - 67.937	rs2815265	rs663612	<i>GADD45A,GNG12</i>	0.79	0.62 - 1	0.049
20	52.121 - 52.201	rs11699339	rs6097805	<i>BCAS1,CYP24A1</i>	0.79	0.62 - 1.01	0.049
1	178.867 - 179.117	rs4651073	rs16856475	<i>XPR1</i>	0.78	0.61 - 1	0.049
10	42.660 - 42.801	rs2744088	rs2066394	<i>BMS1,MIR5100</i>	0.80	0.64 - 1	0.049
10	42.813 - 42.813	rs947699	rs947699	<i>MIR5100</i>	0.80	0.63 - 1	0.049
1	165.666 - 165.752	rs870873	rs7549528	<i>CD247</i>	0.78	0.62 - 1.01	0.049
5	32.627 - 32.631	rs10472812	rs6450910	<i>SUB1</i>	1.26	1 - 1.58	0.049
20	3.339 - 3.398	rs6051839	rs11696647	<i>C20orf194,ATRN</i>	0.79	0.62 - 1	0.049
2	227.376 - 227.400	rs13423855	rs4675099	<i>IRSI,RHBDD1</i>	1.26	0.99 - 1.57	0.049
15	30.724 - 30.774	rs12708484	rs16968154	<i>SCG5</i>	0.78	0.61 - 1	0.049
19	58.394 - 58.400	rs6509732	rs12462453	<i>ZNF665,ZNF818P</i>	0.78	0.6 - 1	0.049

Table S7. List of other diseases/traits and associated single nucleotide polymorphisms (SNPs) among top clinical cardiovascular genes in the current study

Gene	Disease/trait	SNPs	Reference*
<i>GRIA2</i>	HDL cholesterol	rs2345276	1
<i>SKIP</i>	Stroke	rs4641922, rs7591756, rs6711657, rs4973079, rs7582313	
	HDL cholesterol	rs1528216	1
	Echocardiography	rs6724689	2
	Body weight	rs10498229	3
	Basophils	rs1527669	
<i>ID4</i>	HDL cholesterol	rs1047014	4
	Triglycerides	rs16883019	4
	Blood pressure	rs1011119	5
	Body weight	rs7772056	3
	Echocardiography	rs965036	2
<i>TES-3</i>	Tunica media	rs12642843	
	Fibrinogen	rs10517942	6
	Exercise test	rs6553573	2
	IL-10	rs13111850	7
<i>IRSI</i>	CVD	rs10498211	8
	Lipoprotein A	rs10498211	1
	MCP-1	rs6725556	
<i>EDNRA</i>	CIMT	rs5333	9
	Endothelium-dependent vasodilation	rs17675063	10
<i>CXCL12</i>	Tunica media	rs3780891	
<i>DCN</i>	Sudden cardiac arrest	rs10777317	11
	Cholesterol	rs10777332	12
	LDL cholesterol	rs10507005	1
	Heart failure	rs17019682	13
	BMI	rs11106385	
<i>ZFH3</i>	CHD	rs16971384	14
	CVD	rs10518048	8
	BMI	rs1548374	

HDL: high density lipoprotein, MI: myocardial infarction, CVD: cardiovascular disease, MCP-1: monocyte chemoattractant protein-1, CIMT: carotid intima media thickness, LDL: low density lipoprotein, BMI: body mass index, CHD: coronary heart disease, VLDL: very low density lipoprotein

*SNPs without references were genotyped and examined among participants in the Family Heart Study and are available in the NHGRI's GWAS catalog.

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