

Supplementary data

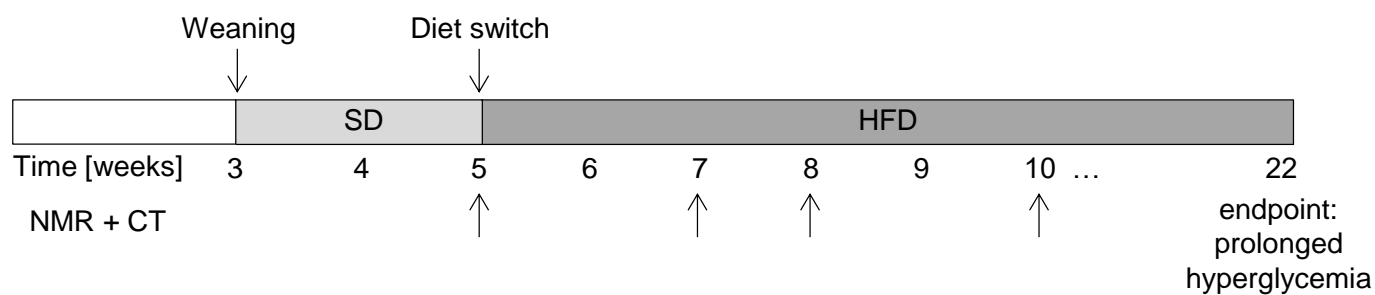
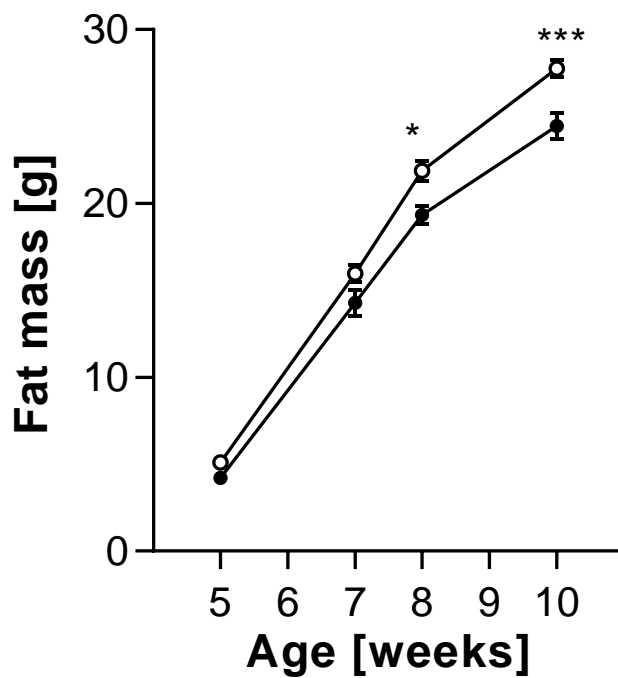
Supplementary figures

Figure S1: Diabetic NZO female mice exhibit a higher fat mass than non-diabetic mice. A: Study design. After weaning, animals received a SD. At 5 weeks of age, NZO female mice (n=70) were placed on the high-fat diet (HFD). B: Fat mass is significantly increased in diabetes prone animals at 8 and 10 weeks. Number of animals of diabetes prone (n=45) and diabetes resistant (n=25) mice. Data are presented as mean \pm SEM. Differences between the groups were calculated by two-way ANOVA with Bonferroni correction. *p<0.05, **p<0.01, ***p<0.001.

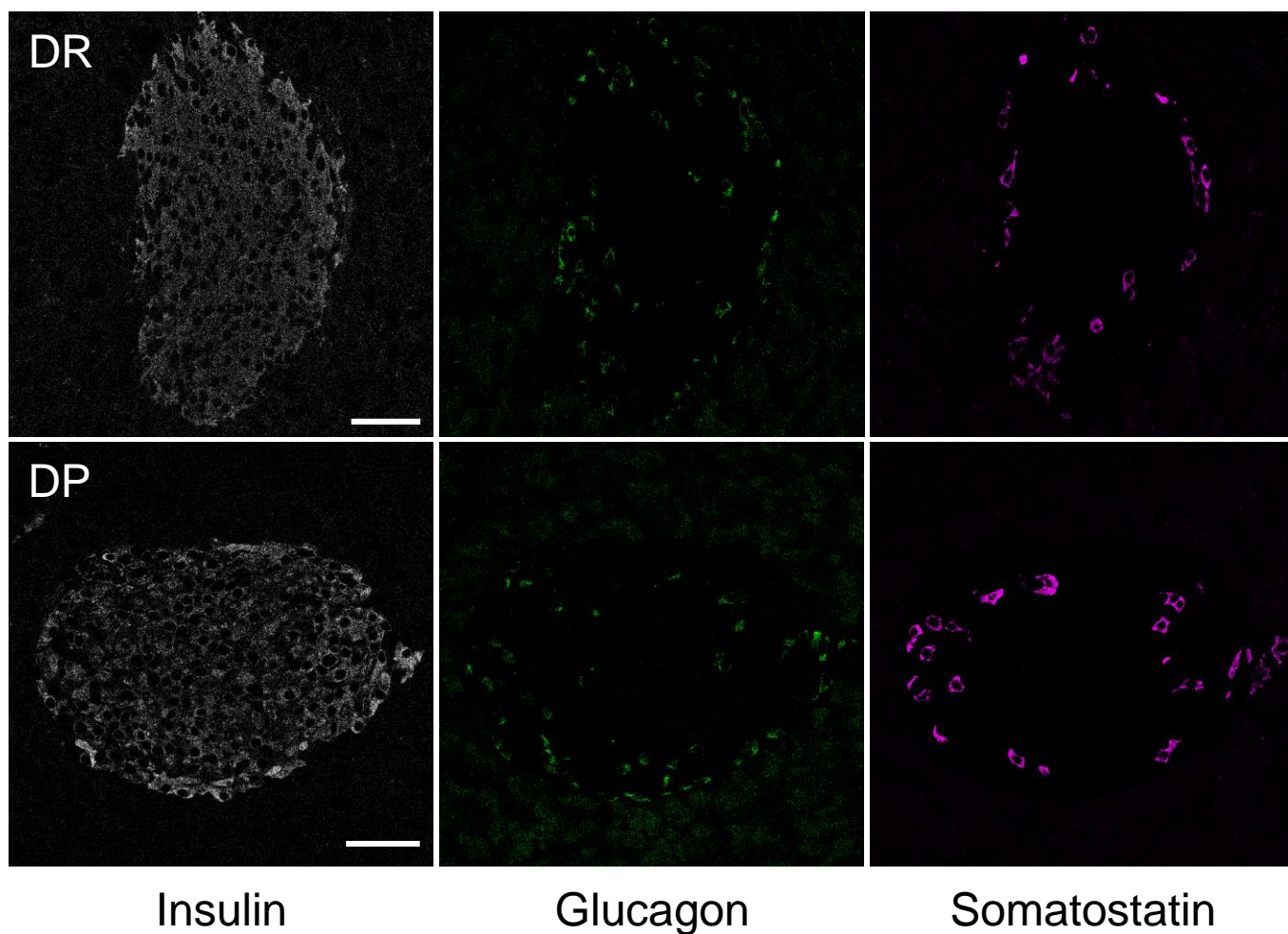
Figure S2: Immunostaining revealed comparable islet cell composition in DR and DP NZO female mice. (A) Representative confocal images of pancreatic sections from 10-week-old DR (upper panel) and DP (lower panel) mice stained for insulin (gray), glucagon (green), and somatostatin (magenta). Scale bars, 50 μ m. (B) Beta, alpha and delta cell composition per total islet cell number analysed from 8-10 islets per animal (n=3-4). Data are mean \pm SEM. Statistical analysis was performed using Student's t-test with Welch's correction.

Figure S3: Analysis of the DNA methylome of pancreatic islets of DP and DR NZO mice. (A-B) No global differences of DNA methylation was observed in islets of DP and DR mice. (C-E) Differences in DNA methylation patterns between DP and DR were more frequently, (C) within the 5'UTR, (D) the 1st exon and (E) the 1st intron. Distribution of significantly different CpG sites (DMC) in relation to genomic (F).

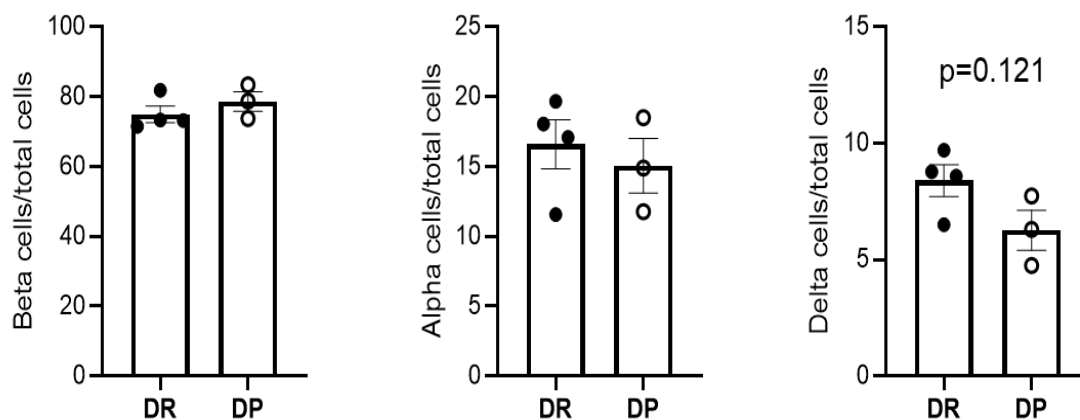
Figure S4: Gene location of CpG sites associated with incident T2D from conditional logistic regression.

A**B**

A

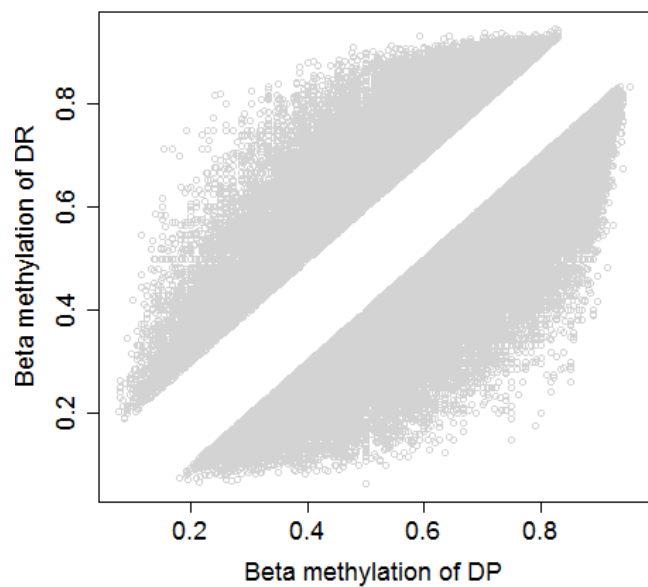


B

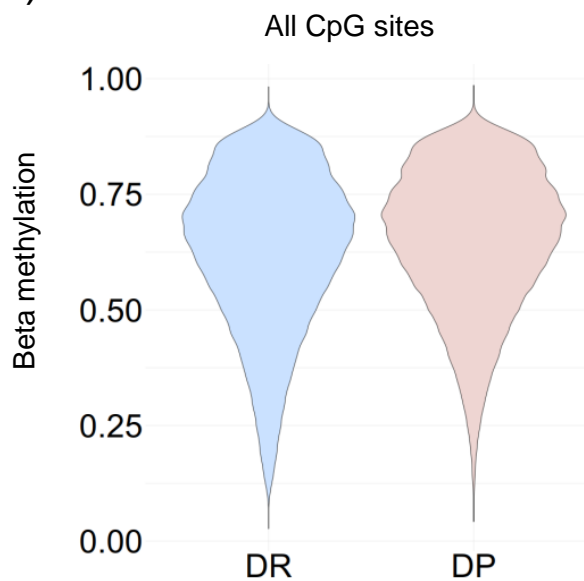


Supplemental figure 2

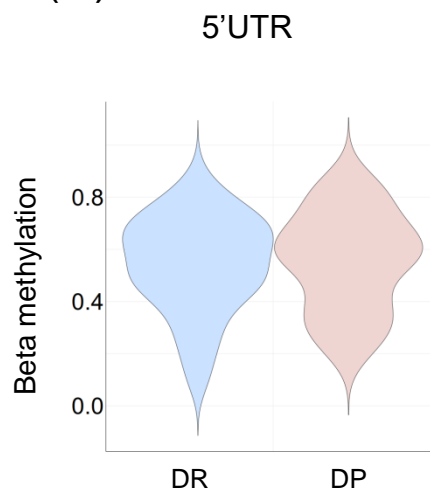
(A)



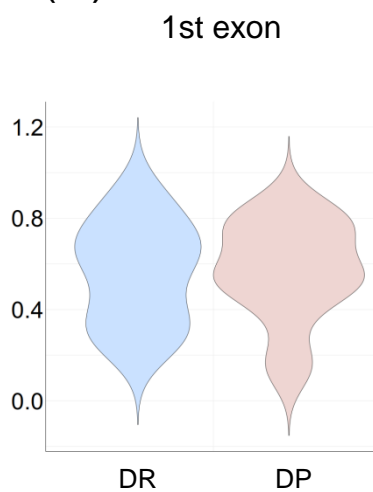
(B)



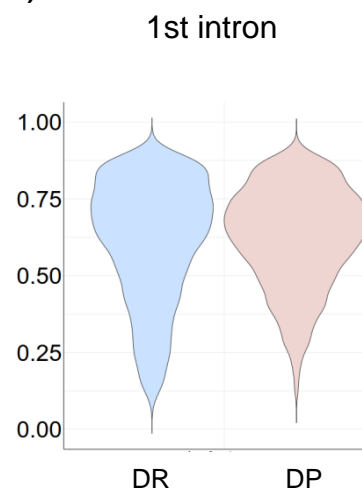
(C)



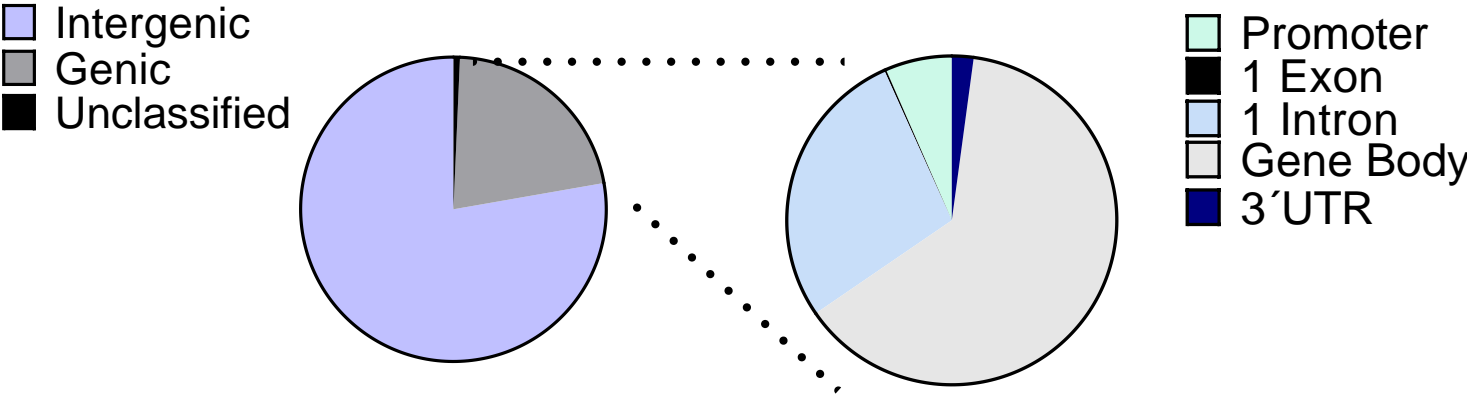
(D)

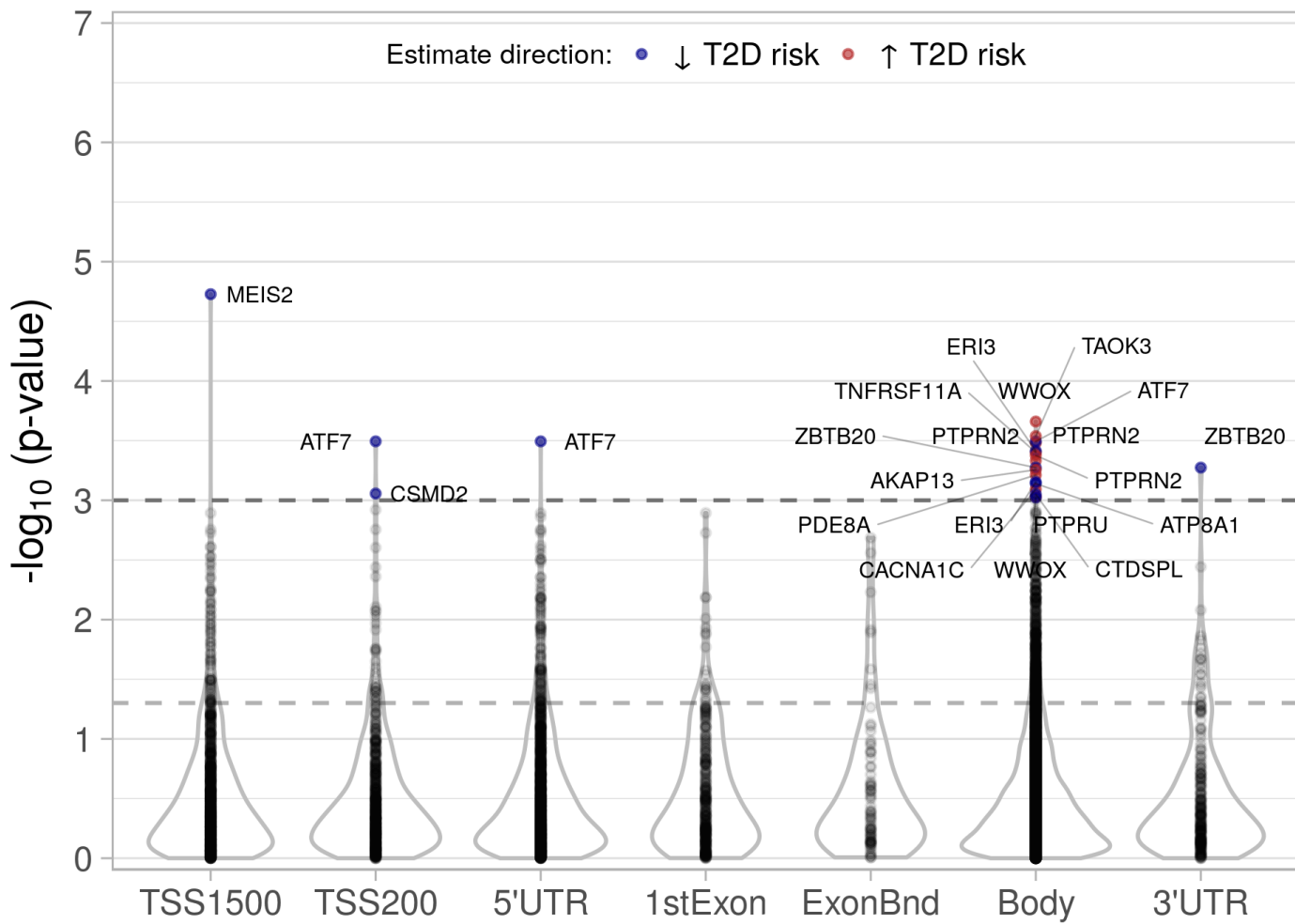


(E)



(F)





Supplemental figure 4

Supplementary Table S1: Method details

Cohort	Mouse models		Human transcriptome (Fadista <i>et al</i> , 2014)	Human blood (EPIC-Potsdam)		Human pancreas (LUND)	
	DP --> 5 individual pools, each pool contains islets from 5 mice DR --> 5 individual pools, each pool contains islets from 5 mice one pool correspond to 300 islets; total number of islets 1500 islets	DP --> 5 individual pools, each pool contains islets from 2-3 mice DR --> 4 individual pools, each pool contains islets from 2 mice one pool correspond to 180 islets; total number of islets 900 islets	n= 55 non-T2D and control n= 26 T2D samples originally from (Nordic islet transplantation programme, LUND)	n= 270 matched case-control pairs		n=34 Con/15 T2D	
Genome-wide analysis	DNA methylation	Gene expression	Gene expression	DNA methylation	Gene Expression	DNA methylation	Gene Expression
Timing of sampling	Islets isolated from animals at 10 weeks of age; <i>before T2D-like development</i>	Islets isolated from animals at 10 weeks of age; <i>before T2D-like development</i>	Islets isolated from <i>diagnosed T2D</i> and non-T2D controls persons --> classified with hb1Ac with cutoff of 6%	Blood cells collected prior T2D diagnosis with a median of 3.8 years. Informations according to physicians	Not performed	Islets isolated from <i>diagnosed T2D</i> and non-T2D controls persons --> classified with hb1Ac with cutoff of 6%	Not performed
Platforms	WGBS	RNA seq	RNA seq	Array 850K	Not performed	Array 450K	Not performed
Bioinformatic analysis	Trimgalore, Bismark, MethPipe, R	Trimgalore, Hisat2, Cufflinks, R	Not performed / Results extracted from GSE50398 (GSE50244)	Meffil v1.1.1, smartSVA v0.1.3, pROC v1.16.2, clogitL1 v1.5, survival v3.1-11	Not performed	Packages	Not performed
Interpretation	single CpG / DMR	Pathways KEGG / Network IPA		Single CpG / LASSO	Not performed	single CpG	Not performed
Filter criteria and thresholds	i) at least 4 out 5 samples with read counts in both groups, ii) average of read counts per group higher than 20, and iii) standard deviation per group is higher than 0 in both groups.	FPKM mean value > 1 in DP or DR group /No fold change filtering applied for the overlap between methylome and transcriptome data	All transcript passed the welch-t.test were included	No	Not performed	No	Not performed
Statistics	p-value<0.05; log-likelihood ratio test	p-value<0.05; welch-t.test / correction for multiple testing BH<0.1	p-value<0.05; welch-t.test	Conditional logistic regression, penalized (LASSO) conditional logistic regression	Not performed	p-value<0.05; welch-t.test / correction for multiple testing	Not performed

Supplementary Table S2: List of all significantly enriched networks derived from RNA sequencing data (related to Fig. 3).

ID	Molecules in network	Score	Focus molecules	Top diseases and functions
1	<i>ATP4A, CYP4V2, FFAR2, GLP1R, GLUL, HGFAC, HNF1A, MELTF, PCSK9, PFKFB2, SERPINA7, STK11, TMED6, TTYH1</i>	7	12	Cancer, Gastrointestinal Disease, Hepatic System Disease
2	<i>ATF4, CD44, CPA2, DNAJC3, FBXL17, HAP1, HSP90AA1, HSPA5, KIAA1324, NR1H2, NR5A2, PDX1, PIK3R1, SEL1L, SGPP2, SLIT3, SREBF1, TXNIP, UCN3, XBP1</i>	7	14	Carbohydrate Metabolism, Molecular Transport, Small Molecule Biochemistry
3	<i>AKT2, AQP7, ATP2A2, C8orf44-SGK3/SGK3, CD38, CTNNB1, CXCL2, FASN, Gcg, GCGR, GIPR, GJD2, GLIS3, GLUD1, GNAS, HADH, IFNG, IL33, IL6, Ins1, KRAS, LEPR, MAFB, NKX2-2, PCSK2, PDX1, PRKCD, RELA, RPS6KB1, SLC2A2, SOCS3, STAT1, STAT3, TNF, VDR</i>	5	17	Cell Death and Survival, Endocrine System Disorders, Gastrointestinal Disease
4	<i>ABCC8, AKT1, Ank2, ATF5, CACNA1C, CAMK2D, CDKN2A, CX3CL1, DIO3, EIF4EBP1, FGFR1, Gcg, GPR119, IRS2, ITPR1, KRT8, MAFA, MAFB, MNX1, NFE2L1, NKX6-1, P2RY14, PAX6, PDX1, PIK3R1, RAPGEF3, RBP1, REG1B, SLC2A2, SOD2, SPTBN4, SST, TIMP2, TXNIP, VEGFA</i>	5	17	Metabolic Disease, Digestive System Development and Function, Organ Morphology
5	<i>CAV1, CDKN1A, EGFR, EIF5A, FAM3B, FN1, mir-8, PTTG1, RAI14, RBM4, SPARC, XIAP, XRN2</i>	3	8	Cellular Movement, Cellular Development, Cellular Growth and Proliferation

Supplementary Table S3: All transcripts encoding epigenetic modifiers and transcription factors with **unadjusted p-value<0.05**.

Gene symbol	Mean.FPKM.DR	Mean.FPKM.DP	sd.DR	sd.DP	FC	FC	unadjusted p-value	Gene_ID	Transcript_ID	Locus	Mgi_description
Mbd6	0.332	1.070	0.218	0.439	3.224	3.224	0.0157	ENSMUSG000000025409	ENSMUST00000136169	chr10:127281955-12728366	methyl-CpG binding domain protein 6
Kmt2e	0.392	3.055	0.444	1.307	7.793	7.793	0.0079	ENSMUSG000000029004	ENSMUST00000196260	chr5:23485548-23502862	lysine (K)-specific methyltransferase 2E
Mit1	0.435	1.202	0.400	0.308	2.766	2.766	0.0103	ENSMUSG000000004996	ENSMUST000000005122	chr8:84253930-84257247	methylthioribose-1-phosphate isomerase 1
Smarcc2	0.456	1.306	0.206	0.448	2.862	2.862	0.0095	ENSMUSG000000025369	ENSMUST00000218228	chr10:128459247-12849048	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily c, member 2
Kmt5c	0.586	1.254	0.251	0.259	2.796	2.796	0.0038	ENSMUSG000000035541	ENSMUST00000135541	chr7:4740152-4742468	lysine methyltransferase 5C
Tmmu	0.788	1.246	0.133	0.353	1.581	1.581	0.0411	ENSMUSG000000022396	ENSMUST00000161784	chr15:85892576-85894476	rRNA 5-methylaminomethyl-2-thiouridyate methyltransferase
Mett26	0.835	1.316	0.304	0.333	1.575	1.575	0.0447	ENSMUSG0000000025731	ENSMUST00000110456	chr17:25875463-25877160	methyltransferase like 26
Mett2	1.056	0.756	0.166	0.107	-1.398	1.398	0.0117	ENSMUSG000000020691	ENSMUST00000136214	chr11:105126478-10514039	methyltransferase like 2
Mbd4	1.128	1.489	0.128	0.217	1.320	1.320	0.0167	ENSMUSG000000030322	ENSMUST00000032469	chr6:115840696-115853371	methyl-CpG binding domain protein 4
Ash2l	1.153	0.721	0.195	0.317	-1.599	1.599	0.0373	ENSMUSG000000031575	ENSMUST00000142358	chr8:25823143-25829360	ASH2 like histone lysine methyltransferase complex subunit
Kmt5a	1.176	0.635	0.390	0.212	-1.852	1.852	0.0335	ENSMUSG000000049327	ENSMUST00000135667	chr5:124450383-124459943	lysine methyltransferase 5A
Chaf1b	1.178	1.953	0.127	0.326	1.658	1.658	0.0039	ENSMUSG000000022945	ENSMUST00000023666	chr6:93883900-93906115	chromatin assembly factor 1, subunit B (p60)
Ss18l2	1.238	0.706	0.240	0.215	-1.754	1.754	0.0062	ENSMUSG000000032526	ENSMUST00000217579	chr9:121710466-121712820	SS18, nBAF chromatin remodeling complex subunit like 2
Smarcc2	1.263	3.842	0.434	0.981	3.043	3.043	0.0024	ENSMUSG000000024921	ENSMUST00000207118	chr19:26748399-26778133	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 2
Smarcd1	1.450	2.418	0.501	0.543	1.667	1.667	0.0191	ENSMUSG000000029920	ENSMUST00000204801	chr6:65042582-65056438	SWI/SNF-related, matrix-associated actin-dependent regulator of chromatin, subfamily a, containing DEAD/H box 1
Cont	1.490	2.446	0.373	0.294	1.642	1.642	0.0023	ENSMUSG0000000003326	ENSMUST00000115609	chr16:18407345-18426852	catechol-O-methyltransferase
Pemt	1.632	2.340	0.403	0.424	1.434	1.434	0.0269	ENSMUSG0000000003031	ENSMUST00000102693	chr11:59970613-60046481	phosphatidylethanolamine N-methyltransferase
Kmt5a	1.715	0.975	0.468	0.417	-1.760	1.760	0.0301	ENSMUSG000000049327	ENSMUST00000138766	chr5:124446703-124457118	lysine methyltransferase 5A
Mbd5	1.821	1.248	0.221	0.269	-1.459	1.459	0.0066	ENSMUSG000000036792	ENSMUST00000122841	chr2:49255660-49316998	methyl-CpG binding domain protein 5
Mbd5	2.009	1.623	0.184	0.135	-1.237	1.237	0.0063	ENSMUSG000000036792	ENSMUST00000112754	chr2:48949522-49316972	methyl-CpG binding domain protein 5
Emg1	2.114	1.399	0.177	0.150	-1.511	1.511	0.0001	ENSMUSG000000004268	ENSMUST00000204334	chr8:124704084-124708413	EMG1 N1-specific pseudouridine methyltransferase
Dnm1	2.267	2.479	0.160	0.085	1.094	1.094	0.0394	ENSMUSG000000021692	ENSMUST00000022203	chr13:106947128-10696022	DNM1 dimethyladenosine transferase 1-like (S. cerevisiae)
Ehmt1	2.594	1.322	0.625	0.817	-1.963	1.963	0.0261	ENSMUSG000000036893	ENSMUST00000102938	chr2:24791156-24919591	euchromatic histone methyltransferase 1
Mett13	2.624	1.962	0.214	0.187	-1.337	1.337	0.0009	ENSMUSG000000026694	ENSMUST00000028017	chr1:162532126-162548551	methyltransferase like 13
Rp8	2.725	1.913	0.348	0.519	-1.424	1.424	0.0229	ENSMUSG000000030888	ENSMUST000000098148	chr7:105732403-105737385	ribosomal RNA processing 8, methyltransferase, homolog (yeast)
Lcm2	2.754	2.074	0.355	0.171	-1.328	1.328	0.0090	ENSMUSG000000074890	ENSMUST00000110674	chr2:121137597-121140653	leucine carboxyl methyltransferase 2
Kdm4b	3.066	2.192	0.087	0.625	-1.398	1.398	0.0346	ENSMUSG0000000024201	ENSMUST00000141507	chr17:56383939-56402870	lysine (K)-specific demethylase 4B
Ss18l1	3.480	2.674	0.233	0.525	-1.301	1.301	0.0225	ENSMUSG000000039086	ENSMUST00000041126	chr2:180042508-180070201	SS18, nBAF chromatin remodeling complex subunit like 1
Hp1bp3	3.577	2.271	0.935	0.373	-1.575	1.575	0.0319	ENSMUSG000000028759	ENSMUST00000137865	chr4:138216625-138226023	heterochromatin protein 1, binding protein 3
Dnm1	3.598	4.349	0.298	0.505	1.209	1.209	0.0264	ENSMUSG000000004099	ENSMUST00000004202	chr9:20907208-20952979	DNA methyltransferase (cytosine-5) 1
Mett8	3.804	3.003	0.560	0.324	-1.267	1.267	0.0303	ENSMUSG000000041975	ENSMUST00000112186	chr2:70964560-71055583	methyltransferase like 8
Tmm61a	4.067	6.831	0.293	1.065	1.434	1.434	0.0184	ENSMUSG000000060950	ENSMUST00000084947	chr12:111678104-11168390	rRNA methyltransferase 61A
Kmt2c	4.090	2.965	0.658	0.703	-1.379	1.379	0.0312	ENSMUSG000000038056	ENSMUST00000172556	chr5:25272425-25308550	lysine (K)-specific methyltransferase 2C
Mett6	4.514	5.341	0.511	0.321	1.183	1.183	0.0190	ENSMUSG000000021891	ENSMUST00000055303	chr14:31478319-31495030	methyltransferase like 6
Rnmt	4.579	6.696	0.721	0.921	1.462	1.462	0.0041	ENSMUSG000000009535	ENSMUST000000025427	chr18:68300399-68321906	rRNA (guanine-7-) methyltransferase
Smarcc2	4.641	1.365	0.104	1.196	-3.401	3.401	0.0020	ENSMUSG000000025862	ENSMUST000000025862	chr19:26605051-26778321	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 2
Prrt1	4.894	9.588	0.867	0.745	1.959	1.959	0.0000	ENSMUSG00000109324	ENSMUST00000207659	chr7:44976757-44986356	protein arginine N-methyltransferase 1
Mmnab	4.997	3.689	0.485	0.700	-1.355	1.355	0.0106	ENSMUSG000000029575	ENSMUST000000031560	chr5:114431033-114444060	methylmalonic aciduria (cobalamin deficiency) cblB type homolog (human)
Pcmt1	5.002	3.398	0.471	0.819	-1.472	1.472	0.0080	ENSMUSG000000019795	ENSMUST00000159977	chr10:7647618-7681130	protein-L-isoaspartate (D-aspartate) O-methyltransferase 1
Pcmt1	5.002	2.054	0.544	2.054	-2.350	2.350	0.0325	ENSMUSG000000051285	ENSMUST00000182623	chr17:7069165-7172122	protein-L-isoaspartate (D-aspartate) O-methyltransferase 1
Ehmt2	5.089	3.188	0.919	0.305	-1.596	1.596	0.0075	ENSMUSG000000013787	ENSMUST00000124846	chr17:34906001-34908558	euchromatic histone lysine N-methyltransferase 2
Mett1	5.217	3.644	0.556	1.241	-1.432	1.432	0.0445	ENSMUSG000000006732	ENSMUST00000135655	chr10:127041956-12704400	methyltransferase like 1
Kmt2b	5.244	4.431	0.426	0.526	-1.183	1.183	0.0288	ENSMUSG000000006307	ENSMUST000000006470	chr7:30568857-30588717	lysine (K)-specific methyltransferase 2B
Acin1	5.299	3.925	0.796	0.864	-1.350	1.350	0.0310	ENSMUSG000000022185	ENSMUST00000124271	chr14:54644726-54648578	apoptotic chromatin condensation inducer 1
Mecp2	5.422	3.736	0.881	0.958	-1.451	1.451	0.0201	ENSMUSG000000031393	ENSMUST00000170481	X:74026827-74135363	methyl CpG binding protein 2
Ntmt1	5.481	6.695	0.413	0.984	1.221	1.221	0.0484	ENSMUSG000000026857	ENSMUST00000041830	chr2:30807825-30820333	N-terminal Xaa-Pro-Lys N-methyltransferase 1
Prrt3	6.133	0.526	0.305	0.369	1.203	1.203	0.0032	ENSMUSG000000030505	ENSMUST00000032715	chr7:49778345-49858265	protein arginine N-methyltransferase 3
Smarcd3	6.336	8.257	0.701	1.465	1.303	1.303	0.0399	ENSMUSG000000028949	ENSMUST00000144995	chr5:24590817-24601976	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily d, member 3
Kdm4b	6.634	4.634	0.484	1.417	-1.417	1.417	0.0047	ENSMUSG0000000005036	ENSMUST0000000005036	chr17:5632373-56402864	lysine (K)-specific demethylase 4B
Cnmt1	6.589	5.202	0.622	0.303	-1.267	1.267	0.0051	ENSMUSG000000024019	ENSMUST00000138939	chr17:29687055-29703359	cap methyltransferase 1
Camt1	7.193	5.498	0.756	0.613	-1.308	1.308	0.0050	ENSMUSG000000032185	ENSMUST000000034703	chr9:21546893-21589467	coactivator-associated arginine methyltransferase 1
Smarcc1	7.727	6.741	0.657	0.375	-1.146	1.146	0.0251	ENSMUSG000000032481	ENSMUST0000000088716	chr9:110131979-110240178	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily c, member 1
Smarcd1	8.081	6.475	0.920	0.346	-1.248	1.248	0.0141	ENSMUSG000000023018	ENSMUST000000023759	chr15:99702286-99713995	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily d, member 1
Mbd6	8.984	4.511	0.841	0.652	-1.992	1.992	0.0000	ENSMUSG000000025409	ENSMUST000000026476	chr10:127281955-12728889	methyl-CpG binding domain protein 6
Ppme1	9.100	3.270	1.016	2.147	-2.783	2.783	0.0018	ENSMUSG000000030718	ENSMUST000000207622	chr7:100327349-100335278	protein phosphatase methyltransferase 1
Tmm2b	9.277	7.226	0.686	0.622	-1.284	1.284	0.0012	ENSMUSG0000000067369	ENSMUST000000087541	X:134223094-134276982	TRM2 tRNA methyltransferase 2B
Ash1l	9.428	7.071	0.313	0.909	-1.333	1.333	0.0029	ENSMUSG000000028053	ENSMUST000000030953	chr3:88965811-89079373	ASH1 like histone lysine methyltransferase
Kdm6b	9.967	8.006	0.834	0.647	-1.248	1.248	0.0034	ENSMUSG000000018476	ENSMUST000000094077	chr11:89398507-69413675	KDM1 lysine (K)-specific demethylase 6B
Shmt2	10.115	7.977	1.539	1.214	-2.68	2.68	0.0422	ENSMUSG000000025403	ENSMUST000000026470	chr10:127517138-12752244	serine hydroxymethyltransferase 2 (mitochondrial)
Camkmt	10.375	8.362	0.705	1.430	-1.241	1.241	0.0311	ENSMUSG000000071037	ENSMUST000000095188	chr17:85090725-85458139	calmodulin-lysine N-methyltransferase
Kmt2e	10.526	8.454	0.821	0.983	-1.245	1.245	0.0072	ENSMUSG000000029004	ENSMUST00000004962	chr5:23434440-23504235	lysine (K)-specific methyltransferase 2E
Ash2l	10.726	8.094	1.372	0.787	-1.325	1.325	0.0088	ENSMUSG000000031575	ENSMUST00000166078	chr8:25816869-25840082	ASH2 like histone lysine methyltransferase complex subunit
Mbd3	11.340	9.031	1.827	1.039	-1.256	1.256	0.0472	ENSMUSG000000035478	ENSMUST000000092295	chr10:80392538-80399550	methyl-CpG binding domain protein 3
Mbd6	12.344	9.200	1.948	1.091	-1.342	1.342	0.0186	ENSMUSG000000025409	ENSMUST00000119078	chr10:127281955-12728901	methyl-CpG binding domain protein 6
Coq5	12.548	11.067	1.040	0.937	-1.134	1.134	0.0458	ENSMUSG0000000041733	ENSMUST0000000040421	chr5:115279665-115296972	coenzyme Q5 methyltransferase
Kmt5a	12.881	9.474	1.899	1.113	-1.360	1.360	0.0119	ENSMUSG000000049327	ENSMUST000000059580	chr5:124439929-124462308	lysine methyltransferase 5A
Kdm2a	13.544	12.132	0.816	0.826	-1.116	1.116	0.0171	ENSMUSG000000054611	ENSMUST00000175856	chr19:4316169-4397077	lysine (K)-specific demethylase 2A
Acin1	15.270	12.427	0.828	1.595	-1.229	1.229	0.0122	ENSMUSG000000024935	ENSMUST00000147714	chr14:54642161-54686616	apoptotic chromatin condensation inducer 1
Pcmt1	16.055	18.833	0.621	2.248	1.173	1.173	0.0486	ENSMUSG000000019795	ENSMUST00000163085	chr10:7637729-7663261	protein-L-isoaspartate (D-aspartate) O-methyltransferase 1
Mbd2	16.148	4.367	5.830	6.233	-3.698	3.698	0.0150	ENSMUSG000000024513	ENSMUST00000128555	chr18:70617772-70625777	methyl-CpG binding domain protein 2
Chtop	18.201	22.747	2.836	1.485	1.250	1.250	0.0190	ENSMUSG000000001017	ENSMUST00000049937	chr3:90498964-90500498	chromatin target of PRMT1
Kdm2b	18.494	14.086	1.514	3.004	-1.313	1.313	0.0267	ENSMUSG000000029475	ENSMUST000000031435	chr5:122870667-122900355	lysine (K)-specific demethylase 2B
Pcmt1a	21.143	17.925	0.826	1.940	-1.180	1.180	0.0168	ENSMUSG000000036940	ENSMUST		

<i>Hnmpa2b1</i>	8.706	4.280	2.911	2.530	-2.034	2.034	0.0339	ENSMUSG00000004980	ENSMUST00000204158	chr6:51461123-51469845	heterogeneous nuclear ribonucleoprotein A2/B1
<i>Hnmpa3</i>	74.612	86.675	4.722	8.964	1.162	1.162	0.0370	ENSMUSG000000059005	ENSMUST00000111961	chr2:75659279-75666121	heterogeneous nuclear ribonucleoprotein A3
<i>Hnmpa3</i>	50.122	76.613	5.975	17.498	1.529	1.529	0.0244	ENSMUSG000000059005	ENSMUST00000111964	chr2:75659260-75665839	heterogeneous nuclear ribonucleoprotein A3
<i>Hnmpab</i>	1.603	2.544	0.320	0.712	1.587	1.587	0.0386	ENSMUSG000000020358	ENSMUST00000101249	chr1:51600868-51606847	heterogeneous nuclear ribonucleoprotein A/B
<i>Hnmpd</i>	21.487	18.487	1.762	2.216	-1.162	-1.162	0.0468	ENSMUSG000000000568	ENSMUST00000112539	chr5:99960997-99978917	heterogeneous nuclear ribonucleoprotein D
<i>Hnmpdl</i>	3.186	4.639	0.691	1.033	1.425	1.425	0.0451	ENSMUSG000000029328	ENSMUST00000141337	chr5:100034827-100336725	heterogeneous nuclear ribonucleoprotein D-like
<i>Hnmpdl</i>	4.082	5.825	0.539	0.435	1.427	1.427	0.0006	ENSMUSG000000029328	ENSMUST00000149384	chr5:100035425-100038895	heterogeneous nuclear ribonucleoprotein D-like
<i>Hnmpk</i>	5.793	4.302	0.942	0.886	-1.347	1.347	0.0328	ENSMUSG000000021546	ENSMUST00000176558	chr13:58397036-58402116	heterogeneous nuclear ribonucleoprotein K
<i>Hnmpk</i>	7.410	3.077	2.269	3.346	-2.408	2.408	0.0475	ENSMUSG000000021546	ENSMUST00000177019	chr13:58391238-58402464	heterogeneous nuclear ribonucleoprotein K
<i>Hnmpk</i>	1.583	5.696	1.474	2.537	3.599	3.599	0.0185	ENSMUSG000000021546	ENSMUST00000177051	chr13:58391949-58393868	heterogeneous nuclear ribonucleoprotein K
<i>Hnmpk</i>	1.915	2.652	0.432	0.535	1.385	1.385	0.0446	ENSMUSG000000021546	ENSMUST00000177497	chr13:58391238-58398055	heterogeneous nuclear ribonucleoprotein K
<i>Hnmpm</i>	35.816	40.969	2.467	3.089	1.144	1.144	0.0205	ENSMUSG000000059208	ENSMUST00000087582	chr17:33646238-33685388	heterogeneous nuclear ribonucleoprotein M
<i>Hnmpu</i>	0.336	3.014	0.750	2.160	8.974	8.974	0.0476	ENSMUSG000000039630	ENSMUST00000189450	chr1:178323619-178329407	heterogeneous nuclear ribonucleoprotein U
<i>Hnmpul</i>	9.709	7.781	1.214	1.247	-1.248	1.248	0.0392	ENSMUSG000000040725	ENSMUST000000043765	chr17:2571481-25754750	heterogeneous nuclear ribonucleoprotein U-like 1
<i>Aatf</i>	8.713	7.710	0.312	0.675	-1.130	1.130	0.0255	ENSMUSG000000018697	ENSMUST00000118841	chr1:184422854-84513522	apoptosis antagonizing transcription factor
<i>Ahctf1</i>	6.814	5.984	0.503	0.384	-1.139	1.139	0.0203	ENSMUSG000000026491	ENSMUST00000027768	chr1:179744893-179803680	AT hook containing transcription factor 1
<i>Atf2</i>	8.641	5.694	1.329	1.223	-1.517	1.517	0.0066	ENSMUSG000000021271	ENSMUST00000112010	chr2:73816508-73892536	activating transcription factor 2
<i>Atf5</i>	141.013	64.199	19.413	23.223	-2.196	2.196	0.0005	ENSMUSG000000038539	ENSMUST00000047356	chr7:44812255-44816658	activating transcription factor 5
<i>Atf7</i>	6.555	5.931	0.255	0.475	-1.105	1.105	0.0405	ENSMUSG000000099083	ENSMUST00000184616	chr15:102528635-102625451	activating transcription factor 7
<i>Bclaf1</i>	13.993	11.279	0.992	0.781	-1.241	1.241	0.0016	ENSMUSG000000037608	ENSMUST00000043881	chr10:20312483-20342499	BCL2-associated transcription factor 1
<i>Bpif</i>	8.611	7.665	0.375	0.235	-1.123	1.123	0.0023	ENSMUSG000000040481	ENSMUST000000057892	chr1:107033080-10713192	bromodomain PHD finger transcription factor
<i>Dach1</i>	9.824	5.797	1.319	1.484	-1.695	1.695	0.0020	ENSMUSG000000056934	ENSMUST00000086934	chr1:97786852-98169543	dachshund family transcription factor 1
<i>E2f4</i>	20.753	27.809	1.407	2.063	-1.165	1.165	0.0349	ENSMUSG000000020996	ENSMUST00000159093	chr8:105227662-105305370	E2F transcription factor 4
<i>E2f5</i>	8.968	7.541	0.465	0.656	-1.189	1.189	0.0051	ENSMUSG000000027552	ENSMUST00000029069	chr3:14578640-14603909	E2F transcription factor 5
<i>Gtlf2</i>	8.376	5.581	2.092	1.645	-1.501	1.501	0.0485	ENSMUSG000000060261	ENSMUST00000111261	chr5:134237836-134314746	general transcription factor II I
<i>Gtlf2</i>	18.963	11.903	2.153	4.911	-1.593	1.593	0.0287	ENSMUSG000000060261	ENSMUST00000172904	chr5:134237842-134279865	general transcription factor II I
<i>Gtlf2</i>	15.218	12.215	1.049	1.961	-1.246	1.246	0.0229	ENSMUSG000000060261	ENSMUST00000173341	chr5:134237838-134314720	general transcription factor II I
<i>Gtlf2ird1</i>	1.120	0.820	0.118	0.046	-1.365	1.365	0.0028	ENSMUSG000000023079	ENSMUST000000200944	chr5:134357678-134456576	general transcription factor II I repeat domain-containing 1
<i>Gtlf3c1</i>	18.108	13.941	0.621	2.636	-1.299	1.299	0.0222	ENSMUSG000000032777	ENSMUST000000055506	chr17:125640953-125707780	general transcription factor III C 1
<i>Gtlf3c2</i>	6.139	4.675	0.654	0.680	-1.313	1.313	0.0085	ENSMUSG0000000106864	ENSMUST000000202639	chr5:31156520-31180117	general transcription factor IIIC, polypeptide 2, beta
<i>Gtlf3c3</i>	6.710	5.957	0.200	0.571	-1.126	1.126	0.0391	ENSMUSG000000041303	ENSMUST000000041638	chr1:54396003-54438971	general transcription factor IIIC, polypeptide 3
<i>Hsp1</i>	2.269	2.033	0.171	0.136	-1.116	1.116	0.0434	ENSMUSG000000020996	ENSMUST00000167458	chr12:31929382-319502223	high mobility group box transcription factor 1
<i>Hsp4</i>	2.154	1.304	0.395	0.486	-1.651	1.651	0.0168	ENSMUSG000000033249	ENSMUST000000036127	chr8:105269800-105275845	heat shock transcription factor 4
<i>Isl1</i>	34.332	25.139	3.718	3.243	-1.366	1.366	0.0033	ENSMUSG000000042258	ENSMUST00000036060	chr13:116298280-116309681	ISL1 transcription factor, LIM/homeodomain
<i>Isl1</i>	3.087	2.167	0.380	0.727	-1.425	1.425	0.0459	ENSMUSG000000042258	ENSMUST00000177469	chr13:116306890-116309681	ISL1 transcription factor, LIM/homeodomain
<i>Lmx1b</i>	2.320	1.219	0.170	0.279	-1.904	1.904	0.0002	ENSMUSG000000038765	ENSMUST000000041730	chr2:33560964-33640511	LIM homeobox transcription factor 1 beta
<i>Mbtsp1</i>	29.369	24.615	1.338	2.334	-1.193	1.193	0.0067	ENSMUSG000000081835	ENSMUST000000081835	chr8:119508155-119558735	membrane-bound transcription factor peptidase, site 1
<i>Mtf1</i>	5.173	4.038	0.207	0.574	-1.281	1.281	0.0088	ENSMUSG000000028890	ENSMUST00000106193	chr4:128402013-128493979	metal response element binding transcription factor 1
<i>Myr1</i>	5.019	3.678	0.795	1.005	-1.364	1.364	0.0490	ENSMUSG000000010505	ENSMUST00000129843	chr2:181797575-181827768	myelin transcription factor 1
<i>Nfix</i>	9.792	8.607	0.485	0.943	-1.138	1.138	0.0464	ENSMUSG000000028423	ENSMUST000000098143	chr4:40970905-41025993	nuclear transcription factor, X-box binding 1
<i>Nfyb</i>	1.036	0.655	0.167	0.289	-1.582	1.582	0.0408	ENSMUSG000000020248	ENSMUST00000127832	chr10:82752415-82763663	nuclear transcription factor-Y beta
<i>Pou2f1</i>	2.404	2.172	0.125	0.181	-1.107	1.107	0.0494	ENSMUSG000000026605	ENSMUST000000160260	chr1:165885153-166002678	POU domain, class 2, transcription factor 1
<i>Sall1</i>	5.046	3.548	0.369	0.720	-1.422	1.422	0.0061	ENSMUSG000000031665	ENSMUST000000034090	chr8:89027234-89044162	spalt like transcription factor 1
<i>Sall2</i>	3.967	3.450	0.175	0.343	-1.150	1.150	0.0242	ENSMUSG000000049532	ENSMUST00000135523	chr14:52311171-52316323	spalt like transcription factor 2
<i>Sall4</i>	1.859	1.334	0.190	0.298	-1.393	1.393	0.0133	ENSMUSG000000027547	ENSMUST00000029061	chr2:168748331-168767201	spalt like transcription factor 4
<i>Sim1</i>	1.804	1.275	0.258	0.202	-1.416	1.416	0.0075	ENSMUSG000000019913	ENSMUST00000020071	chr10:50895650-50899152	single-minded family bHLH transcription factor 1
<i>Sp4</i>	4.159	3.254	0.449	0.593	-1.278	1.278	0.0281	ENSMUSG000000025323	ENSMUST000000026367	chr12:118234931-118301444	trans-acting transcription factor 4
<i>Srebf1</i>	20.831	16.375	1.136	1.610	-1.272	1.272	0.0014	ENSMUSG000000020538	ENSMUST000000020846	chr1:180199088-60220604	sterol regulatory element binding transcription factor 1
<i>Srebf1</i>	5.407	2.506	0.821	0.027	-1.227	1.227	0.0077	ENSMUSG000000018460	ENSMUST00000184600	chr1:180199088-60207188	sterol regulatory element binding transcription factor 1
<i>Srebf1</i>	2.258	0.792	1.095	2.489	-2.849	2.849	0.0370	ENSMUSG000000020538	ENSMUST00000136215	chr1:180206949-60222581	sterol regulatory element binding transcription factor 1
<i>Srebf1</i>	11.881	7.769	0.947	2.418	-1.529	1.529	0.0155	ENSMUSG000000020538	ENSMUST00000144942	chr1:180200462-60210465	sterol regulatory element binding transcription factor 1
<i>Srebf1</i>	1.536	0.791	0.292	0.403	-1.941	1.941	0.0115	ENSMUSG000000020538	ENSMUST00000154925	chr1:180201800-60203857	sterol regulatory element binding transcription factor 1
<i>Tcf12</i>	3.246	1.970	0.685	0.497	-1.648	1.648	0.0112	ENSMUSG000000032228	ENSMUST00000185117	chr9:71844722-72111651	transcription factor 12
<i>Tfe3</i>	1.954	0.651	0.808	0.901	-3.000	3.000	0.0431	ENSMUSG000000000134	ENSMUST00000115677	X:7763958-7775201	transcription factor E3
<i>Ubf1</i>	10.373	6.193	0.978	1.389	-1.675	1.675	0.0008	ENSMUSG000000020923	ENSMUST00000107123	chr11:102306297-102317631	upstream binding transcription factor, RNA polymerase I
<i>Ubf1</i>	3.314	0.950	0.801	1.153	-3.490	3.490	0.0068	ENSMUSG000000020923	ENSMUST00000178839	chr11:102304560-102319091	upstream binding transcription factor, RNA polymerase I
<i>Ubf2</i>	19.930	15.733	2.405	1.839	-1.267	1.267	0.0159	ENSMUSG000000058239	ENSMUST000000058860	chr7:30945247-30956803	upstream transcription factor 2
<i>Ubf2</i>	9.657	6.447	2.156	1.498	-1.498	1.498	0.0350	ENSMUSG000000058239	ENSMUST00000171338	chr7:30948579-30956757	upstream transcription factor 2
<i>Yy1</i>	21.428	18.749	1.694	0.625	-1.143	1.143	0.0206	ENSMUSG000000021264	ENSMUST00000021692	chr12:108792972-10881663	YY1 transcription factor
<i>Tfdp2</i>	0.044	1.491	0.098	0.335	34.169	34.169	0.0003	ENSMUSG000000032411	ENSMUST00000190709	chr9:96196379-96247087	transcription factor Dp 2
<i>Ubf1</i>	0.179	2.192	0.386	1.362	12.243	12.243	0.0273	ENSMUSG000000020923	ENSMUST00000174302	chr11:102304559-102319091	upstream binding transcription factor, RNA polymerase I
<i>Crc2</i>	0.330	1.105	0.357	0.347	3.349	3.349	0.0084	ENSMUSG000000027936	ENSMUST00000123964	chr3:90254323-90258633	CREB regulated transcription coactivator 2
<i>Tcf19</i>	0.760	2.215	0.507	0.623	2.915	2.915	0.0040	ENSMUSG000000050410	ENSMUST00000159009	chr17:35514653-35516820	transcription factor 19
<i>Maz</i>	1.677	3.619	0.784	1.504	2.158	2.158	0.0427	ENSMUSG000000020541	ENSMUST000000205461	chr7:127022889-127026572	MYC-associated zinc finger protein (purine-binding transcription factor)
<i>Gtf2a2</i>	0.854	1.672	0.418	0.597	1.958	1.958	0.0396	ENSMUSG000000033543	ENSMUST00000119413	chr9:70012570-70022737	general transcription factor II A, 2
<i>E2f2</i>	1.009	1.970	0.126	0.474	1.951	1.951	0.0088	ENSMUSG000000018993	ENSMUST000000061721	chr4:136172393-136196057	E2F transcription factor 2
<i>Eif4</i>	0.714	1.313	0.258	0.353	1.840	1.840	0.0171	ENSMUSG000000031103	ENSMUST00000114958	X:48411045-48454169	E74-like factor 4 (ets domain transcription factor)
<i>Tadp1</i>	1.920	3.447	0.823	0.579	1.795	1.795	0.0112	ENSMUSG000000026563	ENSMUST00000138148	chr1:166379316-166388928	transcriptional adaptor 1
<i>Phf1</i>	2.291	3.964	0.701	0.970	1.730	1.730	0.0159	ENSMUSG000000058388	ENSMUST000000063717	chr3:103968257-104007488	putative homeodomain transcription factor 1
<i>Tcea15</i>	0.791	1.310	0.218	0.347	1.655	1.655	0.0264	ENSMUSG000000054034	ENSMUST00000066819	X:136200947-136203876	transcription elongation factor A (SII)-like 5
<i>Tcf15</i>	0.708	1.136	0.198	0.308	1.604	1.604	0.0357	ENSMUSG000000068079	ENSMUST000000089112	chr2:152143560-152149097	transcription factor 15
<i>Stat2</i>	0.737	1.152	0.088	0.185	1.564	1.564	0.0044	ENSMUSG000000040033	ENSMUST000000218863	chr10:128270558-128277411	signal transducer and activator of transcription 2
<i>E2f1</i>	2.768	4.049	0.788	0.860	1.463	1.463	0.0398	ENSMUSG000000027490	ENSMUST00000103145	chr2:154559406-154569892	E2F transcription factor 1
<i>Ust2-ps1</i>	6.156	8.987	1.806	1.870	1.460	1.460	0.0409</				

Supplementary Table S4: Pathway enrichment analysis of 1374 genes displayed differential expression in islets of both DP animals and in diabetic subjects (see Figure 3). Both datasets were obtained from RNA sequencing, **unadjusted** p-value<0.05.

Category	Term	Genes	Number of genes	Fold Enrichment	unadjusted p-value
KEGG_PATHWAY	Metabolic pathways	TUSC3, GNPDA1, PTGS2, GNPDA2, HMGCR	143	1.6	5.10E-09
KEGG_PATHWAY	Huntington's disease	UQCRC2, POLR2G, POLR2F, DNAH9, NDUFB	39	2.7	1.40E-08
KEGG_PATHWAY	Pyrimidine metabolism	POLR2G, POLR2F, POLR2E, POLR2L, POLR	23	3.2	1.50E-06
KEGG_PATHWAY	Oxidative phosphorylation	UQCRC2, NDUFB6, NDUFB7, NDUFAB1, AT	28	2.8	1.40E-06
KEGG_PATHWAY	Ribosome	RPL18, MRPS14, MRPS12, RPL15, RPL35, R	28	2.7	3.30E-06
KEGG_PATHWAY	Lysosome	SGSH, GNPTG, CLTB, HEXA, GUSB, ATP6V	25	2.9	4.30E-06
KEGG_PATHWAY	RNA polymerase	POLR2G, POLR2F, POLR2E, POLR2L, POLR	10	4.7	1.70E-04
KEGG_PATHWAY	Non-alcoholic fatty liver disease (NAFLD)	UQCRC2, NDUFB6, NDUFB7, PRKAG1, NDU	25	2.2	3.00E-04
KEGG_PATHWAY	Purine metabolism	POLR2G, POLR2F, POLR2E, GMPR2, POLR2	26	2	9.00E-04
KEGG_PATHWAY	Alzheimer's disease	UQCRC2, NDUFB6, NDUFB7, NDUFAB1, CO	26	2.1	7.60E-04
KEGG_PATHWAY	Parkinson's disease	UQCRC2, NDUFA4, NDUFA2, NDUFB10, NDU	23	2.2	8.50E-04
KEGG_PATHWAY	Synaptic vesicle cycle	ATP6V0C, ATP6V1A, CLTB, ATP6V1E1, STX1	13	2.9	1.30E-03
KEGG_PATHWAY	Cell cycle	CDK1, ANAPC2, E2F2, FZR1, RBL2, CDC23,	20	2.3	1.20E-03
KEGG_PATHWAY	Valine, leucine and isoleucine degradation	ALDH7A1, ACADSB, EHHADH, OXCT1, MCC	12	3	1.50E-03
KEGG_PATHWAY	Phosphatidylinositol signaling system	SYNJ1, PI4KA, PIP5K1C, PPIP5K1, ITPKB, PI	16	2.3	3.50E-03
KEGG_PATHWAY	Oxytocin signaling pathway	ACTB, MYL6, HRAS, GNAO1, CAMK1G, PTG	21	2	4.90E-03
KEGG_PATHWAY	Fatty acid degradation	ACOX1, ALDH7A1, ACADSB, EHHADH, ADH4	10	2.8	7.10E-03
KEGG_PATHWAY	Collecting duct acid secretion	AOX1, ACADSB, SCD2, EHHADH, ACACA, F	7	3.6	1.10E-02
KEGG_PATHWAY	Inositol phosphate metabolism	MTMR3, PLCE1, PLCB4, INPP5K, SYNJ1, PI	12	2.4	1.00E-02
KEGG_PATHWAY	Vasopressin-regulated water reabsorption	DYNC111, ARHGDIG, CREB3, DYNC2H1, GN	9	2.9	1.00E-02
KEGG_PATHWAY	Regulation of actin cytoskeleton	ACTB, HRAS, VAV3, ROCK2, WASF1, SSH2,	26	1.7	9.40E-03
KEGG_PATHWAY	Biosynthesis of antibiotics	TALDO1, HMGCR, EHHADH, ADH5, AASS, A	26	1.7	9.90E-03
KEGG_PATHWAY	Fatty acid metabolism	COX1, ACADSB, SCD2, EHHADH, ACACA, F	10	2.7	9.30E-03
KEGG_PATHWAY	Protein export	SRP14, IMMP2L, SEC61B, SRP54A, SEC11A,	7	3.4	1.50E-02
KEGG_PATHWAY	Cytosolic DNA-sensing pathway	POLR2F, POLR2E, POLR2L, POLR1D, RIPK1	11	2.4	1.50E-02
KEGG_PATHWAY	Dopaminergic synapse	GNAO1, CREB3, KIF5A, GNAI1, GNG11, AR	18	1.9	1.50E-02
KEGG_PATHWAY	Protein processing in endoplasmic reticulum	RAD23B, SEC24B, SEC31A, TUSC3, RRP1,	21	1.7	1.60E-02
KEGG_PATHWAY	Progesterone-mediated oocyte maturation	ANAPC2, CDK1, FZR1, GNAI1, CDC23, CPEE	13	2.1	2.00E-02
KEGG_PATHWAY	p53 signaling pathway	CCNB1, CDK1, CDKN1A, CCNB2, CCND2, B	11	2.3	2.00E-02
KEGG_PATHWAY	Phagosome	DYNC111, ACTB, ITGB5, ATP6V1H, ATP6V1E	21	1.7	2.00E-02
KEGG_PATHWAY	Lysine degradation	ALDH7A1, PLOD3, EHHADH, ASH1L, AASS, I	9	2.4	3.00E-02
KEGG_PATHWAY	Other glycan degradation	MAN2B2, HEXA, NEU1, FUCA1, GBA	5	3.9	3.50E-02
KEGG_PATHWAY	Insulin secretion	KCNMA1, GCG, PLCB4, CREB3, SLC2A2, GN	12	1.9	4.20E-02
KEGG_PATHWAY	Propanoate metabolism	EHHADH, ACACA, ABAT, HIBCH, ACAT1, HA	6	3.1	4.00E-02
KEGG_PATHWAY	Butanoate metabolism	EHHADH, OXCT1, ABAT, HADH, ACAT1, HAL	6	3.1	4.00E-02
KEGG_PATHWAY	Insulin signaling pathway	HRAS, SOCS3, SOCS3, PRKAG1, FLOT1, AC	17	1.7	4.10E-02
KEGG_PATHWAY	Focal adhesion	ACTB, HRAS, VAV3, TNXB, ROCK2, MET, IT	23	1.6	3.90E-02
KEGG_PATHWAY	GABAergic synapse	GPHN, GNAO1, GNB2, GNAI1, GLS, ABAT, G	12	1.9	4.50E-02

Supplementary Table S5: Identification of differentially methylated regions *unadjusted p-value*<0.05

Chromosome	Position	unadjusted p-value	p-value Neighbors	Beta.DR	Methylation, DR in %	Beta.DP	Methylation, DP in %	sd.bDR	sd.DR in %	SEM.DR in %	sd.bDP	sd.DP in %	SEM.DP in %	delta_meth	Delta methylation in %	DMRs.annotations	Human conservation	CpG localization	Exact genic localization	Gene symbol
chr1	3,968,495	4.94E-02	4.94E-02	0.520	52.000	0.778	77.778	0.285	28.465	5.693	0.095	9.539	1.908	0.258	25.778	1,1	--	Open Sea	Intergenic	
chr1	3,969,244	3.05E-02	7.79E-02	0.650	64.964	0.788	78.846	0.177	11.659	2.332	0.072	7.244	1.449	0.139	13.883	1,1	--	Open Sea	Intergenic	
chr1	4,293,808	1.21E-02	5.07E-05	0.583	58.333	0.841	84.091	0.279	27.873	5.575	0.149	14.907	2.981	0.258	25.758	2,1	--	Open Sea	Intergenic	
chr1	5,235,330	5.27E-05	5.47E-01	0.541	54.054	0.811	81.091	0.277	27.824	5.573	0.074	7.224	1.449	0.139	13.883	2,1	--	Open Sea	Intergenic	
chr1	5,337,125	4.17E-02	8.23E-02	0.610	60.976	0.816	81.579	0.198	19.754	3.951	0.163	16.328	3.266	0.200	20.603	3,1	--	Open Sea	Intergenic	
chr1	5,337,214	3.60E-02	6.53E-03	0.658	65.789	0.854	85.417	0.126	12.638	2.528	0.147	14.704	2.941	0.196	19.627	3,1	--	Open Sea	Intergenic	
chr1	6,305,013	2.47E-03	3.08E-04	0.226	22.642	0.541	54.098	0.144	14.398	2.880	0.169	16.860	3.372	0.315	31.457	4,1	--	Open Sea	Intergenic	
chr1	6,305,028	1.47E-02	3.08E-04	0.211	21.053	0.136	13.633	0.195	19.542	3.788	0.250	2.958	0.250	2.958	2.958	4,1	--	Open Sea	Intergenic	
chr1	7,407,591	1.85E-02	1.85E-02	0.779	77.477	0.841	84.103	0.286	28.607	5.575	0.224	22.400	4.000	0.250	25.000	5,1	--	Open Sea	Intergenic	
chr1	7,447,986	4.93E-02	5.68E-02	0.479	47.917	0.662	66.176	0.245	24.466	4.893	0.075	7.509	1.502	0.183	18.260	5,1	AC	Open Sea	Intergenic	
chr1	11,527,033	3.71E-02	2.14E-03	0.250	25.000	0.542	54.167	0.182	18.197	3.639	0.172	17.202	3.440	0.292	29.167	6,1	--	Open Sea	Intergenic	
chr1	11,527,089	1.05E-02	1.22E-03	0.785	78.571	0.469	46.975	0.123	12.338	2.468	0.141	14.063	2.813	0.317	31.696	6,1	--	Open Sea	Intergenic	
chr1	16,946,337	3.64E-02	3.12E-03	0.242	24.242	0.537	53.704	0.194	19.415	3.883	0.206	20.641	4.128	0.295	29.461	7,1	--	Open Sea	Intergenic	
chr1	16,946,380	2.31E-02	2.09E-03	0.167	16.667	0.444	44.444	0.124	12.400	2.480	0.171	17.050	3.410	0.278	27.778	7,1	--	Open Sea	Intergenic	
chr1	17,689,388	1.13E-02	7.42E-04	0.195	19.585	0.486	48.649	0.106	10.575	2.115	0.256	25.550	5.110	0.291	29.136	8,1	--	Open Sea	Intergenic	
chr1	17,689,492	1.25E-02	7.42E-04	0.302	30.189	0.552	55.224	0.203	20.336	4.068	0.100	9.954	1.991	0.250	25.035	8,1	--	Open Sea	Intergenic	
chr1	18,962,705	2.42E-02	1.23E-03	0.297	29.730	0.621	62.669	0.173	17.295	3.459	0.319	31.918	6.384	0.323	32.339	9,1	--	Open Sea	Intergenic	
chr1	18,962,720	4.44E-02	2.20E-03	0.351	35.135	0.594	59.375	0.189	18.855	3.771	0.289	28.870	5.774	0.242	24.240	9,1	AG	Open Sea	Intergenic	
chr1	21,795,508	4.08E-02	1.06E-01	0.700	70.000	0.865	86.538	0.152	15.183	3.037	0.095	9.501	1.900	0.165	16.538	10,1	--	Open Sea	Intergenic	
chr1	21,796,053	5.90E-03	5.90E-03	0.724	72.368	0.500	50.000	0.053	5.274	1.055	0.176	17.620	3.564	0.224	22.368	10,1	--	Open Sea	Intergenic	
chr1	22,421,917	2.60E-02	1.85E-02	0.516	51.613	0.706	70.588	0.257	22.734	4.547	0.111	11.059	2.212	0.190	18.975	11,1	CT	Open Sea	Intergenic	
chr1	22,421,932	4.41E-02	1.85E-02	0.333	33.333	0.541	54.054	0.188	18.782	3.756	0.234	23.388	4.678	0.207	20.721	11,1	AG	Open Sea	Intergenic	
chr1	23,589,078	6.01E-03	6.01E-03	0.711	71.053	0.894	89.394	0.323	32.339	6.468	0.080	8.040	1.608	0.183	18.341	12,1	C-	Open Sea	Intergenic	
chr1	24,589,354	4.58E-02	4.73E-02	0.850	85.000	0.390	39.043	0.293	29.046	4.253	0.266	26.266	5.266	0.200	20.000	12,1	CA	Open Sea	Intergenic	
chr1	25,570,900	4.54E-02	8.01E-02	0.371	37.143	0.592	59.184	0.080	7.958	1.592	0.172	17.153	3.431	0.220	22.041	13,1	--	Open Sea	Intergenic	
chr1	25,571,158	1.85E-02	1.85E-02	0.804	80.435	0.579	57.895	0.119	11.893	2.379	0.300	29.962	5.992	0.225	22.540	13,1	C-	Open Sea	Intergenic	
chr1	26,372,872	4.05E-02	1.88E-01	0.811	81.081	0.538	53.846	0.193	19.317	3.863	0.295	29.524	5.905	0.272	27.235	14,1	--	Open Sea	Intergenic	
chr1	26,372,811	1.69E-02	1.88E-01	0.811	81.081	0.538	53.846	0.193	19.317	3.863	0.295	29.524	5.905	0.272	27.235	14,1	--	Open Sea	Intergenic	
chr1	26,372,850	1.68E-02	5.51E-07	0.138	13.883	0.412	41.176	0.153	15.292	3.058	0.097	9.674	1.935	0.274	27.383	14,1	TA	Open Sea	Intergenic	
chr1	26,438,007	3.86E-03	5.51E-07	0.404	40.351	0.719	71.875	0.282	28.197	5.639	0.167	16.730	3.346	0.315	31.524	15,1	-G	Open Sea	Intergenic	
chr1	26,438,010	4.57E-02	5.51E-07	0.439	43.860	0.632	63.235	0.281	28.057	5.611	0.198	19.794	3.959	0.194	19.376	15,1	-G	Open Sea	Intergenic	
chr1	27,118,345	1.13E-02	6.08E-02	0.114	11.356	0.126	12.589	0.101	10.101	1.554	0.110	11.059	2.212	0.190	18.975	15,1	CT	Open Sea	Intergenic	
chr1	27,118,849	3.35E-02	3.35E-02	0.179	17.857	0.458	45.833	0.391	39.102	7.820	0.191	19.105	3.821	0.280	27.976	16,1	--	Open Sea	Intergenic	
chr1	27,628,233	3.51E-02	6.93E-02	0.532	53.191	0.279	27.907	0.253	25.304	5.061	0.189	18.889	3.778	0.293	29.285	17,1	TC	Open Sea	Intergenic	
chr1	27,628,487	5.36E-03	8.44E-03	0.797	79.730	0.582	58.209	0.104	10.375	2.075	0.133	13.289	2.658	0.215	21.521	17,1	--	Open Sea	Intergenic	
chr1	29,843,800	2.98E-02	6.73E-07	0.797	79.730	0.582	58.209	0.104	10.375	2.075	0.133	13.289	2.658	0.215	21.521	17,1	--	Open Sea	Intergenic	
chr1	29,884,475	1.58E-02	1.67E-01	0.620	61.972	0.819	81.928	0.194	19.401	3.880	0.108	10.831	2.166	0.200	19.956	18,1	--	Open Sea	Intergenic	
chr1	30,933,368	4.36E-02	2.75E-04	0.233	23.308	0.800	80.000	0.291	29.098	5.820	0.387	38.668	7.734	0.377	37.692	19,1	--	Open Sea	Intergenic	
chr1	30,933,380	1.64E-03	2.75E-04	0.250	25.000	0.714	71.429	0.179	17.889	3.578	0.155	15.454	3.091	0.464	46.429	19,1	--	Open Sea	Intergenic	
chr1	33,086,992	2.19E-02	2.75E-02	0.711	71.103	0.630	62.962	0.359	35.904	6.570	0.084	8.567	1.671	0.172	17.221	20,1	--	Open Sea	Intergenic	
chr1	33,086,675	4.05E-02	4.05E-02	0.742	74.194	0.481	48.148	0.177	17.659	3.532	0.097	9.730	1.946	0.250	25.000	20,1	tg	Open Sea	Intergenic	
chr1	33,426,416	2.67E-02	2.74E-03	0.481	48.077	0.684	68.421	0.058	5.773	1.155	0.344	34.411	6.882	0.203	20.344	21,1	--	Open Sea	Intergenic	
chr1	33,426,456	1.95E-02	2.74E-03	0.721	72.131	0.882	88.235	0.163	16.288	3.258	0.070	7.038	1.408	0.161	16.104	21,1	--	Open Sea	Intergenic	
chr1	34,224,766	1.24E-02	1.46E-04	0.250	25.000	0.500	50.000	0.078	7.831	1.566	0.272	27.159	5.432	0.250	25.000	22,1	--	Open Sea	Intergenic	
chr1	34,224,766	1.24E-02	1.46E-04	0.250	25.000	0.500	50.000	0.078	7.831	1.566	0.272	27.159	5.432	0.250	25.000	22,1	--	Open Sea	Intergenic	
chr1	34,224,788	5.76E-03	3.11E-05	0.250	25.000	0.519	51.852	0.203	20.325	4.065	0.177	17.733	3.547	0.269	26.852	22,1	TT	Open Sea	Intergenic	
chr1	40,269,146	4.73E-03	3.72E-03	0.205	20.455	0.481	48.077	0.130	12.971	2.594	0.127	12.681	2.536	0.276	27.622	23,1	--	Open Sea	Intergenic	
chr1	40,269,146	4.73E-03	3.72E-03	0.205	20.455	0.481	48.077	0.130	12.971	2.594	0.127	12.681	2.536	0.276	27.622	23,1	--	Open Sea	Intergenic	
chr1	40,269,192	1.96E-02	1.26E-03	0.178	17.778	0.389	38.889	0.110	11.011	2.202	0.180	18.018	3.604	0.211	21.111	23,1	CA	Open Sea	Intergenic	
chr1	40,269,192	1.96E-02	1.26E-03	0.178	17.778	0.389	38.889	0.110	11.011	2.202	0.180	18.018	3.604	0.211	21.111	23,1	CA	Open Sea	Intergenic	
chr1	43,627,089	7.23E-02	7.23E-02	0.750	75.000	0.435	43.478	0.366	36.650	7.330	0.127	12.682	2.416	0.315	31.524	24,1	--	Open Sea	Intergenic	
chr1	43,777,811	3.94E-02	4.16E-01	0.889	88.889	0.772	77.174	0.065	6.451	1.290	0.089	8.881	1.776	0.117	11.715	25,1	--	Open Sea	Intergenic	
chr1	43,777,811	3.94E-02	4.16E-01	0.889	88.889	0.772	77.174	0.065	6.451	1.290	0.089	8.881	1.776	0.117	11.715	25,1	--	Open Sea	Intergenic	
chr1	43,777,811	3.94E-02	4.16E-01	0.889	88.889	0.772	77.174	0.065	6.451	1.290	0.089	8.881	1.776	0.117	11.715	25,1	--	Open Sea	Intergenic	
chr1	43,777,933	3.11E-02	2.08E-01	0.682	68.217	0.794	79.375	0.053	5.255	1.051	0.028	2.827	0.565	0.112	11.158	25,1	--	Open Sea	Intergenic	
chr1	43,777,933	3.11E-02	2.08E-01	0.682	68.217	0.794	79.375	0.053	5.255	1.051	0.028	2.827	0.565	0.112	11.158	25,1	--	Open Sea	Intergenic	
chr1	43,777,933	3.11E-02	2.08E-01	0.682	68.217	0.794	79.375	0.053	5.255	1.051	0.028	2.827	0.565	0.112	11.158	25,1	--	Open Sea	Intergenic	
chr1	43,778,726	1.94E-03	7.17E-01	0.626	62.581	0.793	79.375	0.059	5.852	1.170	0.062	6.170	1.234	0.167	16.730	25,1	--	Open		

chr1	75,005,581	4.24E-02	1.94E-03	0.121	12,121	0.357	35,714	0.135	13,491	2.698	0.214	21,369	4.274	0.236	23,593	43.1	CG nearby	Open Sea	Intron 2/4	Nhej1	
chr1	75,005,585	7.81E-03	1.94E-03	0.091	9,091	0.429	42,857	0.105	10,542	2.108	0.263	25,255	5.051	0.138	33,766	43.1		Open Sea	Intron 2/4	Nhej1	
chr1	75,901,943	4.49E-02	4.49E-02	0.512	51,163	0.657	65,657	0.376	37,657	4.047	0.047	4,732	1,566	0.155	15,564	44.1		Open Sea	Intergenic		
chr1	75,902,066	4.03E-02	7.48E-02	0.159	15,888	0.272	27,193	0.079	7,922	1.584	0.062	6,150	1,230	0.113	11,305	44.1		Open Sea	Intergenic		
chr1	76,253,625	3.76E-02	4.31E-01	0.795	79,487	0.500	50,000	0.178	17,835	3.567	0.189	18,857	3,771	-0.295	-29,487	45.1		Open Sea	Intergenic		
chr1	76,254,620	1.09E-02	1.09E-02	0.630	62,963	0.303	30,303	0.258	25,760	5.152	0.109	10,900	2,180	-0.327	-32,660	45.1		Open Sea	Intergenic		
chr1	79,205,235	2.11E-03	0.000	0.121	12,069	0.121	12,069	0.121	12,069	0.074	0.059	7,420	1,183	0.074	10,602	46.1	Check manually	Open Sea	Intergenic		
chr1	79,205,294	4.39E-02	3.69E-03	0.198	19,780	0.406	40,620	0.119	11,923	2.385	0.151	15,071	3,014	0.208	20,821	46.1	Check manually	Open Sea	Intergenic		
chr1	84,987,979	3.58E-02	8.18E-02	0.701	70,079	0.814	81,429	0.163	16,336	3.267	0.094	9,368	1,874	0.113	11,350	47.1	--	Open Sea	Intergenic		
chr1	84,988,150	3.27E-02	1.38E-02	0.459	45,902	0.667	66,687	0.104	10,353	2,071	0.128	12,760	2,552	0.208	20,765	47.1	--	Open Sea	Intergenic		
chr1	85,207,728	8.03E-01	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	11,193	48.1	--	Open Sea	Intergenic	
chr1	85,268,597	1.56E-02	1.20E-01	0.192	19,231	0.500	50,000	0.169	16,851	3,370	0.183	18,256	3,651	0.308	30,769	48.1	--	Open Sea	Intron 1/2	C13002612fRik	
chr1	85,588,041	3.15E-01	2.21E-01	0.401	40,136	0.534	53,390	0.148	14,799	2,960	0.058	5,838	1,168	0.133	13,254	49.1	GG	Open Sea	Intron 5/11	Sp110	
chr1	85,588,311	3.50E-02	6.95E-01	0.887	88,679	0.725	72,549	0.080	7,958	1,592	0.114	11,360	2,272	-0.161	-16,130	49.1	--	Open Sea	Intron 5/11	Sp110	
chr1	88,279,210	4.71E-02	4.35E-01	0.419	41,892	0.593	59,322	0.224	22,355	4,471	0.187	18,696	3,739	0.174	17,430	50.1	tg	S Shore	TSS 2000	Hjurp	
chr1	88,279,210	4.71E-02	4.35E-01	0.419	41,892	0.593	59,322	0.224	22,355	4,471	0.187	18,696	3,739	0.174	17,430	50.1	tg	S Shore	TSS 2000	Hjurp	
chr1	88,279,210	4.71E-02	4.35E-01	0.419	41,892	0.593	59,322	0.224	22,355	4,471	0.187	18,696	3,739	0.174	17,430	50.1	tg	S Shore	TSS 2000	Hjurp	
chr1	88,279,554	3.90E-02	2.74E-01	0.514	51,429	0.220	21,951	0.292	29,155	5,831	0.279	27,894	5,579	-0.295	-29,477	50.1	at	S Shore	TSS 2000	Hjurp	
chr1	88,279,554	3.90E-02	2.74E-01	0.514	51,429	0.220	21,951	0.292	29,155	5,831	0.279	27,894	5,579	-0.295	-29,477	50.1	at	S Shore	TSS 2000	Hjurp	
chr1	88,279,554	3.90E-02	2.74E-01	0.514	51,429	0.220	21,951	0.292	29,155	5,831	0.279	27,894	5,579	-0.295	-29,477	50.1	at	S Shore	TSS 2000	Hjurp	
chr1	88,283,628	3.75E-02	5.11E-03	0.625	62,500	0.852	85,185	0.290	29,015	5,803	0.207	20,703	4,141	0.227	22,685	51.1	AG	Open Sea	Intergenic		
chr1	88,283,612	4.91E-02	2.45E-02	0.336	33,607	0.679	67,325	0.158	15,532	3,166	0.227	22,692	4,538	-0.157	-15,692	51.1	CA	Open Sea	Intergenic		
chr1	93,024,615	3.41E-02	9.05E-03	0.211	21,053	0.432	43,182	0.171	17,082	3,416	0.251	25,080	5,016	0.221	22,129	52.1	--	Open Sea	Intergenic		
chr1	93,024,618	4.64E-02	9.05E-03	0.351	35,135	0.581	58,140	0.273	27,287	5,457	0.066	6,596	1,319	0.230	23,004	52.1	--	Open Sea	Intergenic		
chr1	94,391,528	8.05E-03	1.84E-01	0.292	29,167	0.644	64,444	0.131	13,075	2,615	0.229	22,885	4,577	0.353	35,278	53.1	--	Open Sea	Intergenic		
chr1	94,391,604	2.73E-02	0.67E-01	0.364	36,364	0.693	69,254	0.127	12,687	1,537	0.183	17,793	2,357	0.181	-18,110	53.1	--	Open Sea	Intergenic		
chr1	95,355,608	1.37E-05	9.73E-05	0.200	20,000	0.474	47,368	0.376	37,636	7,027	0.080	8,001	1,600	0.227	22,527	54.1	--	Open Sea	Intergenic		
chr1	95,355,630	2.79E-02	9.73E-05	0.171	17,143	0.436	43,590	0.397	39,749	7,950	0.210	21,034	4,207	0.264	26,447	54.1	--	Open Sea	Intergenic		
chr1	95,355,799	9.74E-03	9.73E-05	0.148	14,815	0.500	50,000	0.145	14,538	2,908	0.202	20,231	4,046	0.352	35,185	54.1	--	Open Sea	Intergenic		
chr1	96,623,179	2.78E-02	2.91E-02	0.415	41,535	0.725	72,549	0.129	12,869	2,574	0.129	12,905	2,581	-0.186	-18,615	58.1	--	Open Sea	Intergenic		
chr1	96,623,275	4.84E-02	7.56E-02	0.309	30,909	0.500	50,000	0.145	14,069	2,814	0.134	13,405	2,681	0.191	19,091	58.1	TA	Open Sea	Intergenic		
chr1	98,786,382	4.56E-02	4.40E-01	0.791	79,070	0.898	89,796	0.101	10,076	2,015	0.069	6,901	1,380	0.107	10,726	58.1	--	Open Sea	Intergenic		
chr1	98,786,971	3.27E-02	3.27E-02	0.542	54,217	0.346	34,615	0.135	13,464	2,693	0.073	7,319	1,464	-0.196	-19,601	58.1	--	Open Sea	Intergenic		
chr1	99,750,498	2.69E-02	2.69E-02	0.389	38,903	0.292	29,167	0.393	39,223	5,846	0.279	27,894	5,579	-0.295	-29,477	57.1	--	Open Sea	Intergenic		
chr1	99,751,428	1.66E-02	1.98E-01	0.634	63,441	0.798	79,775	0.102	10,175	2,035	0.112	11,214	2,243	0.163	16,334	57.1	--	Open Sea	Intergenic		
chr1	100,770,097	2.22E-02	2.59E-03	0.723	72,289	0.540	53,968	0.137	13,738	2,748	0.127	12,679	2,536	-0.183	-18,321	58.1	--	Open Sea	Intergenic		
chr1	100,770,109	1.82E-02	2.59E-03	0.803	80,282	0.617	61,687	0.129	12,869	2,574	0.129	12,905	2,581	-0.186	-18,615	58.1	--	Open Sea	Intergenic		
chr1	106,066,051	1.98E-02	2.29E-04	0.603	60,303	0.220	22,004	0.163	16,336	3,267	0.094	9,368	1,874	0.113	11,350	59.1	Check manually	Open Sea	Intergenic		
chr1	106,066,215	1.17E-02	2.35E-04	0.694	69,355	0.481	48,052	0.105	10,493	2,099	0.108	10,760	2,152	-0.203	-20,303	59.1	CG nearby	Open Sea	Intergenic		
chr1	106,449,396	2.98E-02	3.61E-02	0.726	72,581	0.845	84,466	0.063	6,303	1,261	0.339	3,862	0.772	0.119	11,885	60.1	GA	Open Sea	Intergenic		
chr1	106,449,415	2.69E-02	2.02E-02	0.600	60,000	0.759	75,904	0.130	13,007	2,601	0.160	16,027	3,205	0.159	15,904	60.1	AG	Open Sea	Intergenic		
chr1	107,010,562	6.00E-02	6.00E-02	0.240	24,000	0.626	62,600	0.126	12,560	2,151	0.144	14,512	3,141	0.144	14,512	60.1	--	Open Sea	Intergenic		
chr1	107,211,464	2.08E-02	2.08E-02	0.316	31,579	0.588	58,824	0.168	16,790	3,358	0.304	30,358	6,072	0.272	27,245	61.1	--	Open Sea	Intergenic		
chr1	107,952,656	5.53E-03	7.85E-04	0.302	30,189	0.609	60,870	0.128	12,838	2,568	0.202	20,209	4,042	0.307	30,681	62.1	--	Open Sea	Intergenic		
chr1	107,952,698	2.28E-02	7.85E-04	0.580	58,000	0.804	80,435	0.317	31,659	6,332	0.093	9,310	1,862	0.224	22,435	62.1	--	Open Sea	Intergenic		
chr1	111,390,745	2.06E-02	0.78E-02	0.389	38,903	0.292	29,167	0.393	39,223	5,846	0.279	27,894	5,579	-0.295	-29,477	63.1	--	Open Sea	Intergenic		
chr1	111,370,140	3.22E-02	4.62E-02	0.621	62,069	0.871	87,097	0.267	26,714	5,343	0.123	12,303	2,461	0.208	20,821	63.1	--	Open Sea	Intergenic		
chr1	112,883,589	1.26E-02	1.76E-03	0.542	54,217	0.328	32,813	0.257	25,694	5,139	0.220	22,004	4,401	-0.214	-21,404	64.1	--	Open Sea	Intergenic		
chr1	112,883,671	2.70E-02	1.76E-03	0.542	54,167	0.350	35,000	0.235	23,508	4,702	0.127	12,712	2,542	-0.192	-19,167	64.1	--	Open Sea	Intergenic		
chr1	113,637,690	1.30E-03	1.49E-03	0.650	65,000	0.895	89,461	0.099	9,851	1,970	0.101	10,147	1,955	-0.153	-15,339	65.1	--	Open Sea	Intergenic		
chr1	113,637,758	2.73E-02	1.49E-03	0.748	74,775	0.606	60,584	0.141	14,089	2,818	0.162	16,229	3,246	-0.142	-14,191	65.1	--	Open Sea	Intergenic		
chr1	114,890,611	2.70E-02	1.09E-02	0.600	60,000	0.829	82,927	0.315	31,515	6,303	0.132	13,219	2,644	0.229	22,927	66.1	--	Open Sea	Intergenic		
chr1	114,890,710	4.47E-02	5.44E-03	0.451	45,070	0.638	63,830	0.282	28,225	5,645	0.184	18,377	3,675	0.188	18,759	66.1	--	Open Sea	Intergenic		
chr1	115,643,983	4.75E-02	2.70E-02	0.723	72,320	0.655	65,625	0.133	13,271	1,255	0.162	16,262	3,117	-0.165	-16,559	67.1	--	Open Sea	Intergenic		
chr1	115,644,040	3.28E-02	2.70E-02	0.667	66,667	0.496	49,580	0.196	19,598	3,920	0.085	8,466	1,693	-0.171	-17,087	67.1	--	Open Sea	Intergenic		
chr1	117,143,662	3.69E-02	3.69E-02	0.303	30,303	0.556	55,556	0.170	16,990	3,398	0.197	19,681	3,936	0.253	25,253	68.1	--	Open Sea	Intergenic		
chr1	117,144,515	4.07E-02	2.72E-01	0.731	73,077	0.879	87,879	0.127	12,673	2,535	0.074	7,392	1,478	0.148	14,802	68.1	--	Open Sea	Intergenic		
chr1	119,604,666	2.16E-02	2.16E-06	0.385	38,462	0.714	71,429	0.110	10,999	2,200	0.387	38,668	7,734	0.330	32,967	69.1	--	Open Sea	Intron 14/16	Epb415	
chr1	119,604,679	2.17E-03	2.16E-06	0.290	29,032	0.															

chr1	174,110,930	2.70E-02	3.51E-03	0.556	55.556	0.771	77.083	0.105	10.543	2.109	0.131	13.084	2.617	0.215	21.528	93.1	AA	Open Sea	Intergenic
chr1	174,110,998	2.71E-02	3.51E-03	0.658	65.789	0.893	89.286	0.108	10.761	2.152	0.207	20.736	4.147	0.235	23.496	93.1	CA	Open Sea	Intergenic
chr1	185,031,331	4.78E-02	4.74E-03	0.652	65.424	0.854	85.024	0.102	10.379	6.402	0.128	16.377	7.872	0.232	23.450	94.1	CG	CG Island	Intergenic
chr1	185,031,335	1.89E-02	4.74E-03	0.473	47.273	0.683	68.116	0.096	9.620	1.924	0.055	5.537	1.107	0.208	20.843	94.1	--	CG Island	Intergenic
chr1	185,031,335	4.77E-02	2.69E-03	0.600	60.000	0.764	76.389	0.287	28.653	5.731	0.089	8.949	1.790	0.164	16.389	94.1	--	CG Island	Intergenic
chr1	185,031,347	3.30E-02	2.69E-03	0.679	67.857	0.841	84.058	0.332	33.249	6.650	0.054	5.364	1.073	0.162	16.201	94.1	--	CG Island	Intergenic
chr1	185,031,361	8.69E-03	1.61E-03	0.634	63.364	0.586	58.294	0.105	10.582	6.006	0.128	12.775	6.789	0.206	20.352	94.1	--	CG Island	Intergenic
chr1	185,031,365	1.31E-02	1.61E-03	0.611	61.111	0.829	82.857	0.304	30.383	6.077	0.122	12.233	2.447	0.217	21.746	94.1	--	CG Island	Intergenic
chr1	185,031,397	1.09E-02	2.62E-04	0.610	61.017	0.826	82.609	0.204	20.390	4.078	0.081	8.112	1.622	0.212	21.592	94.1	--	CG Island	Intergenic
chr1	185,031,399	2.67E-02	2.62E-04	0.600	60.000	0.822	82.192	0.254	25.414	5.083	0.068	8.949	1.970	0.222	22.192	94.1	--	CG Island	Intergenic
chr1	185,031,401	4.95E-02	2.47E-04	0.565	56.448	0.746	74.461	0.245	24.504	5.446	0.196	19.911	2.120	0.212	21.201	94.1	--	CG Island	Intergenic
chr1	185,031,403	2.37E-02	2.47E-04	0.526	52.632	0.736	73.846	0.264	26.437	5.287	0.065	6.463	1.293	0.212	21.215	94.1	--	CG Island	Intergenic
chr1	185,438,378	1.33E-03	2.46E-01	0.783	78.261	0.292	29.167	0.201	20.125	4.025	0.195	19.525	3.905	-0.491	-49.094	95.1	Check manually	Open Sea	Intergenic
chr1	185,438,690	3.96E-02	6.80E-01	0.611	61.111	0.789	78.873	0.292	29.154	5.831	0.131	13.141	2.628	0.178	17.762	95.1	ca	Open Sea	Intergenic
chr1	188,257,223	2.16E-02	1.07E-06	0.297	29.670	0.465	46.512	0.137	13.723	2.745	0.158	15.564	3.113	0.168	16.841	96.1	TG	Open Sea	Intergenic
chr1	188,257,241	1.44E-03	1.07E-06	0.299	29.870	0.579	57.895	0.150	15.020	3.004	0.141	14.076	2.815	0.280	28.025	96.1	--	Open Sea	Intergenic
chr1	188,257,246	2.62E-03	1.07E-06	0.282	28.169	0.543	54.286	0.164	16.378	3.276	0.144	14.369	2.874	0.281	28.117	96.1	TG	Open Sea	Intergenic
chr1	188,257,269	2.20E-02	3.32E-07	0.222	22.222	0.500	50.000	0.183	18.251	3.650	0.217	21.679	4.536	0.278	27.778	96.1	Check manually	Open Sea	Intergenic
chr1	189,989,836	3.62E-02	3.86E-03	0.733	73.333	0.457	45.714	0.299	29.869	5.874	0.146	14.567	2.913	-0.276	-27.619	97.1	TT	Open Sea	Intergenic
chr1	189,989,861	4.25E-02	2.30E-03	0.655	65.517	0.353	35.294	0.375	37.481	7.496	0.253	25.318	5.064	-0.302	-30.223	97.1	CA	Open Sea	Intergenic
chr1	192,902,746	1.02E-02	1.75E-04	0.138	13.793	0.441	44.118	0.137	13.704	2.741	0.242	24.196	4.839	0.303	30.325	98.1	Check manually	Open Sea	Intergenic
chr1	192,902,792	3.07E-03	1.75E-04	0.154	15.385	0.522	52.778	0.164	16.394	2.379	0.251	25.149	5.030	0.374	37.393	98.1	Check manually	Open Sea	Intergenic
chr1	193,244,181	4.84E-02	1.85E-01	0.620	62.000	0.800	80.000	0.205	20.467	4.093	0.084	8.353	1.671	0.180	18.000	99.1	AG	Open Sea	Intergenic
chr1	193,244,181	4.84E-02	1.85E-01	0.620	62.000	0.800	80.000	0.205	20.467	4.093	0.084	8.353	1.671	0.180	18.000	99.1	AG	Open Sea	Intergenic
chr1	193,244,486	6.03E-03	8.20E-03	0.750	75.000	0.429	42.857	0.378	37.781	7.556	0.221	22.085	4.417	-0.321	-32.143	99.1	AA	Open Sea	Intergenic
chr1	193,244,486	6.03E-03	8.20E-03	0.750	75.000	0.429	42.857	0.378	37.781	7.556	0.221	22.085	4.417	-0.321	-32.143	99.1	AA	Open Sea	Intergenic
chr1	193,244,504	0.38E-02	8.20E-03	0.680	68.000	0.680	68.000	0.385	38.500	32.104	0.338	33.794	6.759	0.295	29.538	99.1	Check manually	Open Sea	Intergenic
chr1	193,244,504	4.02E-02	8.20E-03	0.385	38.462	0.680	68.000	0.121	12.106	2.421	0.338	33.794	6.759	0.295	29.538	99.1	Check manually	Open Sea	Intergenic
chr10	4,778,184	1.19E-02	1.05E-01	0.667	66.667	0.333	33.333	0.184	18.394	3.679	0.333	33.341	6.668	-0.333	-33.333	100.10	TA	Open Sea	Intergenic
chr10	4,778,443	1.77E-02	1.05E-01	0.667	66.667	0.333	33.333	0.184	18.394	3.679	0.333	33.341	6.668	-0.333	-33.333	100.10	TA	Open Sea	Intergenic
chr10	7,912,801	2.73E-02	1.43E-01	0.212	21.212	0.481	48.148	0.130	13.047	2.609	0.168	16.802	3.360	0.269	26.936	101.10	Check manually	Open Sea	Intergenic
chr10	7,912,801	2.73E-02	1.43E-01	0.212	21.212	0.481	48.148	0.130	13.047	2.609	0.168	16.802	3.360	0.269	26.936	101.10	Check manually	Open Sea	Intergenic
chr10	7,912,810	1.15E-02	1.43E-01	0.344	34.375	0.679	67.857	0.171	17.124	3.425	0.247	24.721	4.944	0.335	33.482	101.10	CT	Open Sea	Intergenic
chr10	7,912,810	1.15E-02	1.43E-01	0.344	34.375	0.679	67.857	0.171	17.124	3.425	0.247	24.721	4.944	0.335	33.482	101.10	CT	Open Sea	Intergenic
chr10	10,603,885	3.02E-02	3.87E-04	0.500	50.000	0.756	75.610	0.299	29.916	5.983	0.143	14.251	2.850	0.256	25.610	102.10	TA	Open Sea	Intergenic
chr10	10,603,888	1.23E-02	3.87E-04	0.382	38.235	0.683	68.293	0.205	20.523	4.105	0.343	34.297	6.859	0.301	30.057	102.10	Check manually	Open Sea	Intergenic
chr10	10,603,897	2.72E-02	1.04E-02	0.552	55.172	0.795	79.545	0.312	31.160	6.232	0.032	3.205	0.641	0.244	24.373	102.10	--	Open Sea	Intergenic
chr10	10,654,609	1.03E-02	3.65E-02	0.679	67.929	0.334	33.346	0.106	10.595	1.08	0.295	2.95	0.236	0.139	13.295	103.10	Check manually	Open Sea	Intergenic
chr10	10,654,703	1.03E-02	3.65E-02	0.290	29.000	0.479	47.899	0.333	33.340	6.668	0.130	12.962	2.592	0.189	18.899	103.10	ta	Open Sea	Intergenic
chr10	11,037,137	3.04E-03	1.16E-01	0.500	50.000	0.833	83.333	0.159	15.882	3.176	0.088	9.769	1.954	0.333	33.333	104.10	--	Open Sea	Intergenic
chr10	11,037,505	1.32E-02	1.29E-01	0.900	90.000	0.686	68.571	0.059	8.539	1.708	0.204	20.435	4.087	-0.214	-21.429	104.10	AG	Open Sea	Intergenic
chr10	11,953,622	3.45E-02	3.86E-02	0.668	66.824	0.668	66.824	0.102	10.102	8.361	0.290	29.001	6.361	0.361	36.061	105.10	--	Open Sea	Intergenic
chr10	11,953,684	3.66E-02	3.50E-02	0.854	85.366	0.634	63.415	0.184	18.353	3.671	0.376	37.564	7.513	-0.220	-21.951	105.10	--	Open Sea	Intergenic
chr10	14,816,708	1.75E-02	5.92E-04	0.744	74.419	0.471	47.059	0.390	38.954	7.791	0.136	13.608	2.722	-0.274	-27.360	106.10	--	Open Sea	Intergenic
chr10	14,816,840	6.24E-03	5.92E-04	0.213	21.333	0.418	41.772	0.098	9.827	1.965	0.136	13.622	2.724	0.204	20.439	106.10	AA	Open Sea	Intergenic
chr10	16,647,737	4.49E-02	1.89E-01	0.617	61.667	0.417	41.667	0.204	20.371	3.980	0.075	3.604	0.273	-0.299	-29.299	107.10	--	Open Sea	Intergenic
chr10	16,648,544	3.37E-02	4.83E-03	0.731	73.077	0.595	59.483	0.165	16.507	3.301	0.097	9.746	1.949	-0.139	-13.594	107.10	--	Open Sea	Intergenic
chr10	18,917,498	2.29E-02	4.45E-04	0.422	42.188	0.232	23.188	0.217	21.717	4.343	0.152	15.181	3.036	-0.190	-18.999	108.10	C-	Open Sea	Intergenic
chr10	18,917,502	2.19E-02	4.45E-04	0.547	54.688	0.323	32.308	0.321	32.130	6.426	0.058	5.832	1.166	-0.224	-22.380	108.10	CA	Open Sea	Intergenic
chr10	20,296,828	5.23E-02	5.27E-04	0.127	12.741	0.457	45.714	0.126	12.636	4.147	0.147	14.672	2.934	0.295	29.473	109.10	--	Open Sea	Intergenic
chr10	20,296,860	3.78E-02	2.05E-02	0.160	16.000	0.528	52.778	0.273	27.274	5.455	0.192	19.185	3.837	0.368	36.778	109.10	--	Open Sea	Intergenic
chr10	22,639,216	2.36E-02	9.48E-02	0.677	67.742	0.889	88.889	0.184	18.426	3.685	0.138	13.766	2.753	0.211	21.147	110.10	--	Open Sea	Intergenic
chr10	22,639,585	3.10E-02	8.31E-02	0.756	75.556	0.897	89.665	0.143	14.280	2.856	0.032	3.153	0.631	0.141	14.100	110.10	--	Open Sea	Intergenic
chr10	26,664,702	1.02E-02	1.42E-03	0.665	66.512	0.771	77.143	0.263	26.151	4.183	0.263	26.151	4.183	0.263	26.151	111.10	--	Open Sea	Intergenic
chr10	26,664,714	1.96E-02	1.42E-03	0.419	41.860	0.694	69.444	0.195	19.532	3.906	0.241	24.114	4.823	0.276	27.584	111.10	--	Open Sea	Intergenic
chr10	28,703,958	2.92E-02	3.08E-01	0.618	61.765	0.837	83.721	0.176	17.589	3.518	0.140	14.000	2.800	0.220	21.956	112.10	Check manually	Open Sea	Intergenic
chr10	28,704,369	2.71E-02	1.96E-01	0.629	62.857	0.857	85.714	0.211	21.136	4.227	0.193	19.334	3.867	0.229	22.857	112.10	tg	Open Sea	Intergenic
chr10	33,300,870	3.30E-02	3.62E-01	0.625	62.500	0.833	83.333	0.145	14.534	2.907	0.163	16.334	2.907	0.200	22.729	113.10	CA	Open Sea	Intergenic
chr10	33,301,312	4.86E-02	4.74E-01	0.161	16.129	0.420	42.000	0.149	14.879	2.976	0.266	26.562	5.312	0.259	25.871	113.10	GC	Open Sea	Intergenic
chr10	33,350,768	1.98E-02	3.35E-03	0.444															

dhrt0	90,737,668	2.53E-02	3.57E-02	0.167	16.667	0.365	36.538	0.137	13.670	2.734	0.180	17.956	3.591	-0.199	19.872	136.10	--	Open Sea	Intergenic
dhrt0	90,738,653	8.58E-03	4.25E-01	0.146	14.583	0.312	31.183	0.109	10.864	2.173	0.081	8.137	1.627	0.166	16.599	136.10	--	Open Sea	Intergenic
dhrt0	92,240,079	2.13E-01	2.14E-01	0.460	33.028	0.245	47.421	0.123	12.244	2.440	0.123	12.244	2.440	0.123	12.244	137.10	CG	Open Sea	Intergenic
dhrt0	92,240,213	4.61E-02	4.81E-02	0.438	6.970	0.698	68.876	0.346	34.826	6.925	0.155	15.500	3.100	0.260	26.017	137.10	CG	Open Sea	Intergenic
dhrt0	94,822,102	3.98E-02	1.92E-04	0.375	37.500	0.647	64.706	0.250	24.972	4.994	0.195	19.453	3.891	0.272	27.206	138.10	CG nearby	Open Sea	Intron 21/30
dhrt0	94,822,140	3.17E-02	1.82E-04	0.375	37.500	0.667	66.667	0.208	20.815	4.163	0.310	30.998	6.200	0.292	29.167	138.10	CG	Open Sea	Intron 21/30
dhrt0	94,822,163	2.78E-02	2.00E-01	0.400	40.000	0.207	20.707	0.233	23.333	0.195	0.233	23.333	0.195	0.233	23.333	138.10	CG	Open Sea	Intron 21/30
dhrt0	94,871,725	1.60E-02	3.30E-02	0.455	45.455	0.662	66.176	0.137	13.712	2.742	0.102	10.203	2.041	0.207	20.722	139.10	tg	Open Sea	Intron 5/30
dhrt0	94,871,729	8.18E-03	3.30E-02	0.494	49.451	0.723	72.308	0.155	15.505	3.101	0.056	5.622	1.124	0.230	22.957	139.10	tg	Open Sea	Intron 5/30
dhrt0	98,135,919	8.76E-03	1.37E-02	0.503	50.314	0.656	65.574	0.136	13.649	2.730	0.079	7.901	1.580	0.153	15.259	140.10	--	Open Sea	Intergenic
dhrt0	98,136,108	1.79E-02	1.94E-02	0.420	42.000	0.684	68.400	0.102	10.203	2.045	0.127	12.706	2.644	0.244	24.444	140.10	CG	Open Sea	Intergenic
dhrt0	99,247,071	2.69E-02	1.42E-02	0.594	59.375	0.633	63.375	0.102	10.225	2.045	0.120	12.043	2.409	0.240	23.958	141.10	CG nearby	Open Sea	Intergenic
dhrt0	99,247,111	4.29E-02	2.86E-02	0.700	70.000	0.884	88.372	0.182	18.222	3.644	0.112	11.180	2.236	0.184	18.372	141.10	CT	Open Sea	Intergenic
dhrt0	99,247,961	4.16E-02	3.85E-02	0.647	64.706	0.875	87.500	0.244	24.370	4.874	0.098	9.782	1.856	0.228	22.794	141.10	--	Open Sea	Intergenic
dhrt0	99,849,407	2.89E-02	1.28E-01	0.635	63.500	0.700	70.000	0.114	11.409	2.263	0.156	15.613	3.123	0.245	24.507	142.10	Check manually	Open Sea	Intergenic
dhrt0	99,850,380	2.27E-02	1.45E-01	0.582	58.209	0.779	77.895	0.300	30.300	6.006	0.139	13.898	2.780	0.197	19.686	142.10	Check manually	Open Sea	Intergenic
dhrt0	101,762,073	4.93E-02	3.67E-03	0.578	57.831	0.410	41.000	0.210	21.012	4.202	0.108	10.817	2.163	-0.168	-16.831	143.10	--	Open Sea	Intergenic
dhrt0	101,762,202	4.35E-02	3.67E-03	0.681	68.116	0.431	83.077	0.164	16.357	3.271	0.083	8.332	1.666	0.150	14.961	143.10	ag	Open Sea	Intergenic
dhrt0	102,677,505	3.81E-02	1.79E-01	0.460	46.043	0.582	58.170	0.333	33.333	1.467	0.088	8.752	1.750	0.121	12.127	144.10	--	Open Sea	Intergenic
dhrt0	102,678,184	2.28E-02	8.49E-01	0.600	60.000	0.875	87.500	0.224	22.223	4.445	0.207	20.750	4.150	0.275	27.500	144.10	CA	Open Sea	Intergenic
dhrt0	103,731,390	1.78E-02	6.64E-05	0.186	18.644	0.372	37.179	0.125	12.513	2.503	0.155	15.457	3.091	0.185	18.535	145.10	CA	Open Sea	Intergenic
dhrt0	103,731,427	3.43E-04	6.64E-05	0.179	17.933	0.434	43.373	0.084	8.367	1.673	0.116	11.561	2.312	0.305	30.470	145.10	CG nearby	Open Sea	Intergenic
dhrt0	104,011,999	1.18E-02	1.45E-01	0.667	66.667	0.763	76.316	0.283	28.300	5.660	0.125	12.506	2.501	0.296	29.649	146.10	--	Open Sea	Intergenic
dhrt0	104,012,376	5.00E-02	3.56E-01	0.855	85.455	0.702	70.175	0.105	10.509	2.102	0.158	15.831	3.166	-0.153	-15.279	146.10	--	Open Sea	Intergenic
dhrt0	106,368,956	3.05E-02	1.70E-01	0.862	86.207	0.692	69.231	0.069	6.944	1.389	0.170	17.050	3.410	-0.170	-16.976	147.10	--	Open Sea	Intergenic
dhrt0	106,369,999	2.85E-02	1.70E-01	0.769	76.923	0.558	55.814	0.128	12.845	2.569	0.159	15.912	3.162	-0.214	-21.109	147.10	--	Open Sea	Intergenic
dhrt0	106,497,444	1.85E-02	9.47E-03	0.791	79.070	0.514	51.429	0.791	79.070	6.600	0.320	31.86	18.614	-0.276	-27.641	148.10	--	Open Sea	Intergenic
dhrt0	106,497,764	1.39E-02	3.04E-01	0.721	72.093	0.856	85.616	0.112	11.159	2.232	0.134	13.445	2.689	0.135	13.523	148.10	--	Open Sea	Intergenic
dhrt0	107,128,148	2.88E-02	3.03E-01	0.903	90.323	0.667	66.667	0.088	8.768	1.754	0.264	26.406	5.281	-0.237	-23.656	149.10	CA	Open Sea	Intergenic
dhrt0	107,128,594	1.30E-02	1.35E-02	0.852	85.185	0.907	90.700	0.055	5.555	0.392	0.055	5.555	0.392	0.055	5.555	149.10	--	Open Sea	Intergenic
dhrt0	108,232,194	4.61E-02	1.16E-01	0.667	66.667	0.868	86.842	0.168	16.754	3.351	0.100	10.000	2.000	0.202	20.175	150.10	TT	Open Sea	Intron 4/25
dhrt0	108,232,178	4.61E-02	1.16E-01	0.667	66.667	0.868	86.842	0.168	16.754	3.351	0.100	10.000	2.000	0.202	20.175	150.10	TT	Open Sea	Intron 4/24
dhrt0	108,232,231	3.60E-02	1.11E-01	0.765	76.471	0.917	91.667	0.132	13.233	2.647	0.104	10.393	2.079	0.152	15.196	150.10	AG	Open Sea	Intron 4/25
dhrt0	108,232,231	3.60E-02	1.11E-01	0.765	76.471	0.917	91.667	0.132	13.233	2.647	0.104	10.393	2.079	0.152	15.196	150.10	AG	Open Sea	Intron 4/25
dhrt0	108,903,046	1.06E-02	1.17E-01	0.579	57.895	0.870	87.857	0.239	23.898	4.780	0.126	12.638	2.528	0.291	29.065	151.10	tc	Open Sea	Intron 1/10
dhrt0	108,903,248	4.99E-02	2.98E-01	0.500	50.000	0.759	75.882	0.240	24.024	4.805	0.223	22.342	4.468	0.259	25.862	151.10	Check manually	Open Sea	Intron 1/10
dhrt0	109,092,253	1.98E-02	1.98E-02	0.900	90.000	0.730	73.016	0.079	7.903	1.581	0.119	11.944	2.389	-0.170	-16.984	152.10	-a	Open Sea	Intergenic
dhrt0	109,092,473	2.09E-02	2.72E-04	0.903	90.323	0.667	66.667	0.208	20.815	4.163	0.310	30.998	6.200	0.292	29.167	152.10	ag	Open Sea	Intergenic
dhrt0	109,115,906	2.63E-02	3.39E-03	0.653	65.306	0.847	84.746	0.179	17.902	3.580	0.129	12.940	2.588	0.298	29.847	153.10	--	Open Sea	Intergenic
dhrt0	109,115,965	2.63E-02	3.39E-03	0.473	47.273	0.741	74.138	0.295	29.529	5.906	0.121	12.132	2.426	0.269	26.865	153.10	--	Open Sea	Intergenic
dhrt0	111,763,172	4.49E-02	7.98E-06	0.696	69.565	0.863	86.275	0.202	20.191	4.038	0.104	10.377	2.075	0.167	16.709	154.10	--	Open Sea	Intergenic
dhrt0	111,763,292	1.84E-02	1.84E-06	0.696	69.565	0.863	86.275	0.202	20.191	4.038	0.104	10.377	2.075	0.167	16.709	154.10	--	Open Sea	Intergenic
dhrt0	111,763,295	1.11E-02	1.46E-07	0.192	19.231	0.414	41.379	0.099	9.900	1.980	0.127	12.694	2.539	0.221	22.149	154.10	--	Open Sea	Intergenic
dhrt0	111,763,324	7.92E-03	1.46E-07	0.196	19.565	0.444	44.444	0.116	11.643	2.329	0.147	14.724	2.945	0.249	24.879	154.10	--	Open Sea	Intergenic
dhrt0	111,763,340	2.07E-02	1.46E-07	0.357	35.714	0.647	64.706	0.221	22.080	4.416	0.264	26.369	5.274	0.290	28.992	154.10	--	Open Sea	Intergenic
dhrt0	112,527,819	3.02E-02	3.02E-02	0.777	67.742	0.407	40.741	0.221	22.180	4.496	0.099	9.900	2.075	-0.200	-20.000	157.10	--	Open Sea	Intergenic
dhrt0	112,528,226	3.66E-02	3.66E-02	0.672	67.213	0.864	86.406	0.185	18.534	3.707	0.087	8.689	1.738	0.191	19.151	155.10	--	Open Sea	Intergenic
dhrt0	112,703,980	4.94E-02	3.93E-02	0.429	42.857	0.720	72.000	0.314	31.403	6.281	0.212	21.213	4.243	0.291	29.143	156.10	--	Open Sea	Intergenic
dhrt0	112,704,170	1.84E-02	3.04E-02	0.486	48.571	0.778	77.778	0.141	14.082	2.816	0.244	24.370	4.874	0.292	29.206	156.10	--	Open Sea	Intergenic
dhrt0	112,731,987	1.12E-02	1.73E-05	0.278	27.778	0.278	27.778	0.144	14.431	2.816	0.114	11.351	2.270	0.245	24.531	157.10	CG	Open Sea	Intergenic
dhrt0	112,732,018	2.32E-04	9.92E-06	0.105	10.526	0.462	46.154	0.183	18.326	3.665	0.043	4.260	0.852	0.356	35.628	157.10	CG	Open Sea	Intergenic
dhrt0	112,768,467	2.27E-02	8.77E-04	0.421	42.105	0.149	14.894	0.241	24.128	4.826	0.079	7.857	1.571	-0.212	-21.212	158.10	--	Open Sea	Intergenic
dhrt0	112,768,548	8.35E-03	8.77E-04	0.842	84.211	0.548	54.839	0.095	9.531	1.906	0.240	23.965	4.793	-0.294	-29.372	158.10	--	Open Sea	Intergenic
dhrt0	112,985,397	2.12E-02	2.84E-02	0.794	79.412	0.585	58.522	0.794	79.412	6.925	0.130	13.033	2.607	-0.229	-22.929	159.10	TA	Open Sea	Intergenic
dhrt0	112,985,533	3.95E-02	2.84E-02	0.714	71.429	0.919	91.892	0.206	20.578	4.116	0.089	8.879	1.776	0.205	20.463	159.10	TC	Open Sea	Intergenic
dhrt0	113,034,217	3.83E-02	8.89E-04	0.185	18.519	0.543	54.286	0.388	38.763	7.753	0.249	24.929	4.986	0.358	35.767	160.10	--	Open Sea	Intergenic
dhrt0	113,034,242	1.11E-02	8.89E-04	0.179	17.949	0.457	45.714	0.123	12.338	2.468	0.227	22.749	4.550	0.278	27.766	160.10	ag	Open Sea	Intergenic
dhrt0	113,034,278	1.81E-02	8.89E-04	0.185	18.519	0.543	54.286	0.388	38.763	7.753	0.249	24.929	4.986	0.358	35.767	160.10	ag	Open Sea	Intergenic
dhrt0	113,322,487	1.36E-02	2.60E-01	0.316	31.579	0.538													

dhrt1	3,143,632	4.46E-02	1.23E-01	0.463	46.324	0.663	66.279	0.155	15.457	3.091	0.128	12.770	2.554	0.200	19.956	178.11	-G	Open Sea	Intron 19/32	SH1	
dhrt1	3,143,632	4.46E-02	1.23E-01	0.463	46.324	0.663	66.279	0.155	15.457	3.091	0.128	12.770	2.554	0.200	19.956	178.11	-G	Open Sea	TSS 1500	SH1	
dhrt1	3,143,632	4.46E-02	1.23E-01	0.463	46.324	0.663	66.279	0.155	15.457	3.091	0.128	12.770	2.554	0.200	19.956	178.11	-G	Open Sea	Exon 18/32	SH1	
dhrt1	3,144,267	1.60E-02	1.80E-02	0.700	70.000	0.871	87.097	0.083	8.267	1.653	0.059	5.869	1.174	0.171	17.097	178.11	CG nearby	Open Sea	Intron 4/16	Mtmr3	
dhrt1	3,144,267	1.60E-02	1.80E-02	0.700	70.000	0.871	87.097	0.083	8.267	1.653	0.059	5.869	1.174	0.171	17.097	178.11	CG nearby	Open Sea	Intron 6/17	Mtmr3	
dhrt1	3,144,267	1.60E-02	1.80E-02	0.700	70.000	0.871	87.097	0.083	8.267	1.653	0.059	5.869	1.174	0.171	17.097	178.11	CG nearby	Open Sea	Intron 6/17	Mtmr3	
dhrt1	4,513,231	2.74E-02	1.09E-02	0.167	16.667	0.486	48.649	0.205	20.501	4.100	0.205	20.525	4.105	0.320	31.982	179.11	--	Open Sea	Intron 6/17	Mtmr3	
dhrt1	4,513,231	2.74E-02	1.09E-02	0.167	16.667	0.486	48.649	0.205	20.501	4.100	0.205	20.525	4.105	0.320	31.982	179.11	--	Open Sea	Intron 4/16	Mtmr3	
dhrt1	4,513,344	3.67E-02	5.18E-03	0.282	28.235	0.432	43.158	0.183	18.345	3.669	0.063	6.296	1.259	0.149	14.923	179.11	--	Open Sea	Intron 6/17	Mtmr3	
dhrt1	4,513,344	3.67E-02	5.18E-03	0.282	28.235	0.432	43.158	0.183	18.345	3.669	0.063	6.296	1.259	0.149	14.923	179.11	--	Open Sea	Intron 6/17	Mtmr3	
dhrt1	4,634,843	3.14E-02	1.34E-02	0.654	65.354	0.779	77.876	0.127	12.729	2.546	0.113	11.262	2.252	0.122	12.522	180.11	--	N Shelf	Intergenic		
dhrt1	4,634,400	2.44E-03	1.34E-02	0.509	50.862	0.734	73.394	0.064	6.440	1.288	0.123	12.251	2.450	0.225	22.532	180.11	--	N Shelf	Intergenic		
dhrt1	6,521,155	1.44E-02	6.64E-02	0.880	88.000	0.638	63.830	0.186	18.602	3.720	0.170	17.027	3.405	-0.242	-24.170	181.11	--	Open Sea	TSS 200	Myo1g	
dhrt1	6,521,225	3.69E-02	2.71E-03	0.791	79.114	0.660	66.049	0.251	25.081	5.016	0.195	19.475	3.895	-0.131	-13.065	181.11	--	Open Sea	TSS 1500	Myo1g	
dhrt1	7,271,417	8.30E-03	1.31E-03	0.567	56.667	0.796	79.630	0.177	17.720	3.544	0.141	14.138	2.828	0.230	22.963	182.11	--	Open Sea	Intergenic		
dhrt1	7,271,726	2.58E-02	1.60E-01	0.148	14.754	0.333	33.333	0.101	10.133	2.027	0.196	19.558	3.912	0.186	18.579	182.11	--	Open Sea	Intergenic		
dhrt1	7,730,850	1.97E-02	9.48E-02	0.887	88.660	0.756	75.581	0.062	6.184	1.237	0.171	17.149	3.430	-0.131	-13.078	183.11	--	Open Sea	Intergenic		
dhrt1	7,731,006	3.69E-02	1.42E-02	0.706	70.588	0.670	67.037	0.270	27.037	6.541	0.080	8.045	1.609	0.164	16.449	183.11	--	Open Sea	Intergenic		
dhrt1	7,911,679	3.18E-02	3.80E-02	0.638	63.830	0.857	85.714	0.215	21.548	4.310	0.108	10.817	2.163	0.219	21.884	184.11	GA	Open Sea	Intergenic		
dhrt1	7,911,779	4.06E-02	3.80E-02	0.655	65.517	0.885	88.462	0.200	19.951	3.990	0.093	9.283	1.857	0.229	22.944	184.11	--	CG nearby	Open Sea	Intergenic	
dhrt1	14,459,253	4.43E-02	6.28E-02	0.536	53.623	0.694	69.412	0.252	25.215	5.043	0.113	11.332	2.266	0.158	15.789	185.11	--	Open Sea	Intergenic		
dhrt1	15,676,254	2.55E-02	4.40E-01	0.806	80.556	0.614	61.446	0.114	11.368	2.274	0.102	10.166	2.033	-0.191	-19.110	186.11	--	Open Sea	Intergenic		
dhrt1	15,676,777	3.67E-02	9.11E-04	0.605	60.526	0.837	83.673	0.287	28.651	5.730	0.217	21.654	4.331	0.231	23.147	186.11	--	Open Sea	Intergenic		
dhrt1	15,676,970	3.10E-02	9.11E-04	0.690	69.046	0.873	87.273	0.142	14.236	3.847	0.085	8.518	1.704	0.182	18.225	186.11	--	Open Sea	Intergenic		
dhrt1	15,676,977	2.67E-02	9.11E-04	0.614	61.351	0.773	77.778	0.273	27.462	4.402	0.236	23.587	4.717	0.264	26.422	186.11	--	Open Sea	Intergenic		
dhrt1	15,773,271	4.93E-02	3.56E-02	0.450	45.000	0.767	76.667	0.336	33.600	2.820	0.250	25.000	5.000	0.317	31.667	187.11	aa	Open Sea	Intergenic		
dhrt1	15,773,667	3.36E-02	3.36E-02	0.689	68.888	0.547	54.717	0.154	15.423	3.085	0.139	13.913	2.783	-0.142	-14.151	187.11	--	Open Sea	Intergenic		
dhrt1	21,739,356	1.65E-02	1.59E-02	0.144	14.365	0.385	38.562	0.136	13.469	2.133	0.245	24.525	4.385	-0.211	-21.377	188.11	--	Check manually	Open Sea	Intergenic	
dhrt1	21,739,365	3.06E-02	1.59E-03	0.130	13.043	0.283	28.333	0.100	10.023	2.005	0.193	19.255	3.851	-0.153	-15.290	188.11	--	Check manually	Open Sea	Intron 12/17	Wdcp
dhrt1	26,308,542	4.87E-02	6.17E-04	0.517	51.724	0.767	76.667	0.252	25.210	5.042	0.257	25.695	5.139	0.249	24.943	189.11	AC	Open Sea	Intergenic		
dhrt1	26,308,701	2.81E-02	6.17E-04	0.713	71.296	0.845	84.524	0.184	18.405	3.681	0.049	4.881	0.976	0.132	13.228	189.11	GA	Open Sea	Intergenic		
dhrt1	26,308,731	1.06E-02	6.17E-04	0.614	61.351	0.086	8.613	0.086	8.613	1.767	0.113	11.347	2.269	0.189	18.911	189.11	CT	Open Sea	Intergenic		
dhrt1	27,075,499	1.59E-02	1.08E-02	0.227	22.727	0.476	47.619	0.149	14.900	2.980	0.187	18.725	3.745	0.249	24.892	190.11	--	Check manually	Open Sea	Intergenic	
dhrt1	27,075,499	1.54E-02	5.37E-03	0.222	22.222	0.459	45.902	0.211	21.148	4.230	0.158	15.790	3.158	0.237	23.679	190.11	-a	Open Sea	Intergenic		
dhrt1	34,506,005	7.19E-03	4.31E-02	0.718	71.765	0.883	88.298	0.163	16.335	3.267	0.065	6.465	1.293	-0.165	-16.533	191.11	tg	Open Sea	Intron 23/51	Dock2	
dhrt1	34,506,163	4.31E-02	2.03E-02	0.753	75.301	0.763	76.301	0.292	29.292	6.753	0.154	15.436	3.087	-0.189	-18.911	191.11	TA	Open Sea	Intergenic		
dhrt1	36,653,033	4.22E-02	2.03E-02	0.889	88.889	0.729	72.941	0.087	8.682	1.736	0.154	15.436	3.087	-0.169	-16.533	192.11	IT	Open Sea	Intron 4/30	Tenn2	
dhrt1	36,653,160	1.77E-02	4.95E-04	0.863	86.290	0.746	74.627	0.084	8.406	1.681	0.097	9.671	1.934	-0.117	-11.663	192.11	TG	Open Sea	Intergenic		
dhrt1	36,880,572	2.78E-03	2.78E-03	0.409	40.909	0.833	83.333	0.374	37.702	6.340	0.150	14.965	2.993	0.424	42.424	193.11	--	Open Sea	Intergenic		
dhrt1	38,801,569	1.20E-02	1.20E-02	0.689	68.944	0.894	89.444	0.121	12.062	2.412	0.238	23.812	4.243	-0.143	-14.310	193.11	--	Open Sea	Intergenic		
dhrt1	38,882,767	2.09E-02	2.87E-03	0.836	83.562	0.674	67.442	0.121	12.073	2.415	0.269	26.863	5.773	-0.161	-16.120	194.11	--	Open Sea	Intergenic		
dhrt1	38,882,780	1.86E-02	2.87E-03	0.847	84.722	0.630	62.963	0.102	10.239	2.048	0.136	13.552	2.170	-0.218	-21.759	194.11	--	Open Sea	Intergenic		
dhrt1	39,719,882	1.42E-02	9.64E-03	0.360	36.000	0.694	69.444	0.169	16.897	3.379	0.198	19.783	3.957	0.334	33.444	195.11	TA	Open Sea	Intergenic		
dhrt1	39,719,895	9.64E-03	9.64E-03	0.361	36.095	0.710	71.068	0.161	16.091	3.264	0.201	20.061	3.987	0.329	32.873	195.11	TG	Open Sea	Intergenic		
dhrt1	42,346,135	1.11E-02	1.13E-02	0.139	13.924	0.328	32.787	0.086	8.612	1.722	0.166	16.599	3.320	0.189	18.863	196.11	--	Open Sea	Intergenic		
dhrt1	42,346,283	1.66E-02	9.31E-04	0.200	20.000	0.367	36.709	0.100	10.004	2.001	0.182	18.182	3.636	0.167	16.709	196.11	--	Open Sea	Intergenic		
dhrt1	50,370,912	2.01E-02	7.69E-02	0.324	32.432	0.590	59.974	0.214	21.426	4.285	0.271	27.146	5.429	0.285	26.542	197.11	--	Open Sea	Intergenic		
dhrt1	50,370,936	3.61E-02	3.61E-02	0.200	20.000	0.647	64.706	0.233	23.253	4.651	0.389	38.906	7.781	0.397	39.703	197.11	--	Open Sea	Intergenic		
dhrt1	63,435,222	4.80E-02	4.80E-02	0.902	90.217	0.800	80.000	0.111	11.121	2.224	0.033	3.344	0.669	-0.102	-10.217	198.11	--	Open Sea	Intergenic		
dhrt1	63,435,803	3.22E-02	3.97E-01	0.750	75.000	0.542	54.167	0.211	21.063	4.213	0.260	26.019	5.204	-0.208	-20.833	198.11	tt	Open Sea	Intergenic		
dhrt1	69,121,314	3.00E-02	5.58E-03	0.615	61.538	0.333	33.333	0.209	20.917	4.183	0.158	15.756	3.151	-0.282	-28.205	199.11	CG	N Shore	Intergenic		
dhrt1	69,121,328	3.95E-02	2.45E-03	0.423	42.308	0.412	41.208	0.255	25.505	4.113	0.213	21.276	4.051	-0.251	-25.065	199.11	TG	Open Sea	Intergenic		
dhrt1	73,991,296	4.05E-02	1.12E-01	0.606	60.606	0.463	46.296	0.098	9.785	1.957	0.162	16.234	3.247	-0.143	-14.310	201.11	--	Open Sea	Intergenic		
dhrt1	73,992,116	1.68E-02	3.75E-02	0.483	48.276	0.756	75.556	0.286	28.614	5.723	0.176	17.614	3.523	0.273	27.280	201.11	--	Open Sea	Intergenic		
dhrt1	75,067,851	1.68E-02	2.30E-04	0.436	43.636	0.600	60.000	0.120	11.977	2.395	0.086	8.606	1.721	0.164	16.364	201.11	--	Open Sea	Intron 13/18	Smg6	
dhrt1	75,067,851	2.30E-04	2.30E-04	0.436	43.636	0.600	60.000	0.120	11.977	2.395	0.086	8.606	1.721	0.164	16.364	201.11	--	Open Sea	Intron 4/4	Smg6	
dhrt1	75,067,857	3.06E-03	2.30E-04	0.374	37.383	0.579	57.944	0.138	13.809	2.762	0.083	8.269	1.654	0.206	20.561	201.11	--	Open Sea	Intron 13/18	Smg6	
dhrt1	75,067,857	3.06E-03																			

chrt12	7,969,252	1.67E-02	7.22E-02	0.217	21.739	0.435	43.548	0.109	10.918	2.184	0.158	15.777	3.155	0.218	21.809	222.12	--	Open Sea	Intergenic
chrt12	7,969,339	2.24E-03	7.22E-02	0.222	22,222	0.551	55.072	0.119	11.877	2.375	0.207	20.695	4.139	0.329	32.850	222.12	--	Open Sea	Intergenic
chrt12	9,794,520	2.879E-02	2.879E-02	0.656	65.628	0.656	65.628	0.203	20.340	5.067	0.203	5.067	0.466	0.340	3.461	-28.125	12	Open Sea	Intergenic
chrt12	9,795,187	2.88E-02	5.54E-02	0.823	82.270	0.714	71.429	0.054	5.377	1.075	0.042	4.192	0.838	-0.108	-10.841	223.12	--	Open Sea	Intergenic
chrt12	10,086,594	4.98E-02	1.56E-01	0.822	82.222	0.634	63.415	0.125	12.459	2.492	0.234	23.376	4.675	-0.188	-18.808	224.12	12	Open Sea	Intergenic
chrt12	10,087,261	1.84E-02	1.84E-02	0.600	60.000	0.800	80.000	0.069	6.890	1.378	0.117	11.748	2.350	0.200	20.000	224.12	CA	Open Sea	Intergenic
chrt12	11,010,624	4.27E-02	1.04E-02	0.596	59.647	0.596	59.647	0.042	4.249	0.141	0.139	1.413	1.139	0.194	19.373	225.12	12	Open Sea	Intergenic
chrt12	11,010,877	3.66E-02	1.04E-02	0.313	31.250	0.578	57.778	0.244	24.421	4.884	0.132	13.243	2.649	0.265	26.528	225.12	ag	Open Sea	Intergenic
chrt12	11,313,336	2.75E-02	9.61E-03	0.540	54.000	0.814	81.395	0.232	23.193	4.639	0.152	15.230	3.046	0.274	27.395	226.12	--	Open Sea	Intron 24/26
chrt12	11,313,336	2.75E-02	9.61E-03	0.540	54.000	0.814	81.395	0.232	23.193	4.639	0.152	15.230	3.046	0.274	27.395	226.12	--	Open Sea	Intron 23/25
chrt12	11,313,353	9.81E-03	0.62E-03	0.625	62.500	0.821	82.051	0.099	9.919	1.984	0.181	18.089	3.618	0.196	19.551	226.12	--	Open Sea	Intron 24/26
chrt12	11,313,353	4.19E-02	9.61E-03	0.625	62.500	0.821	82.051	0.099	9.919	1.984	0.181	18.089	3.618	0.196	19.551	226.12	--	Open Sea	Intron 23/25
chrt12	12,471,157	3.92E-02	1.60E-03	0.500	50.000	0.781	78.125	0.236	23.623	4.725	0.149	14.879	2.976	0.281	28.125	227.12	--	Open Sea	Intergenic
chrt12	12,471,294	4.43E-02	1.38E-01	0.750	75.000	0.867	86.667	0.081	8.088	1.618	0.101	10.077	2.015	0.117	11.867	227.12	--	Open Sea	Intergenic
chrt12	14,947,599	1.35E-02	4.65E-03	0.400	40.000	0.731	73.077	0.224	22.418	4.484	0.163	16.328	3.665	0.331	33.077	228.12	--	Open Sea	Intergenic
chrt12	14,947,617	7.31E-03	4.65E-03	0.576	57.576	0.889	88.889	0.279	27.866	5.573	0.206	20.558	4.112	0.313	31.313	228.12	--	Open Sea	Intergenic
chrt12	16,965,164	2.57E-03	6.79E-03	0.217	21.739	0.571	57.143	0.129	12.869	2.574	0.194	19.398	3.880	0.354	35.404	229.12	TG	Open Sea	Exon 19/33
chrt12	16,965,230	4.04E-02	6.24E-03	0.458	45.763	0.655	65.455	0.252	25.159	5.832	0.128	18.136	3.627	0.197	19.692	229.12	TG	Open Sea	Intron 19/32
chrt12	18,445,403	4.83E-02	1.68E-01	0.643	64.286	0.875	87.500	0.207	20.696	4.139	0.108	10.830	2.166	0.232	22.214	230.12	--	Open Sea	Intergenic
chrt12	18,445,462	3.94E-02	1.68E-01	0.292	29.167	0.591	59.091	0.185	18.513	3.703	0.266	26.613	5.323	0.299	29.924	230.12	--	Open Sea	Intergenic
chrt12	24,172,203	1.36E-02	7.40E-03	0.583	58.333	0.889	88.889	0.363	36.276	7.255	0.205	20.501	4.100	0.306	30.556	231.12	--	Open Sea	Intergenic
chrt12	24,172,235	4.20E-02	7.10E-03	0.643	64.286	0.370	37.037	0.368	36.819	7.364	0.364	36.376	7.275	-0.272	-27.249	231.12	--	Open Sea	Intergenic
chrt12	28,413,696	2.73E-02	3.09E-03	0.881	88.136	0.730	72.973	0.072	7.219	1.444	0.083	8.300	1.660	-0.152	-15.163	232.12	--	Open Sea	Intergenic
chrt12	28,413,732	2.20E-02	1.62E-03	0.769	76.923	0.606	60.577	0.112	11.185	2.237	0.106	10.592	2.118	-0.163	-16.346	232.12	--	Open Sea	Intergenic
chrt12	31,156,087	3.96E-02	7.37E-03	0.683	68.333	0.857	85.714	0.183	18.331	3.666	0.122	12.220	2.444	0.174	17.381	233.12	AA	Open Sea	Intergenic
chrt12	31,156,122	4.60E-02	3.80E-02	0.366	36.585	0.615	61.538	0.233	23.283	4.657	0.238	23.796	4.757	0.243	24.363	233.12	CG nearby	Open Sea	Intergenic
chrt12	33,717,175	4.59E-02	4.68E-02	0.593	59.259	0.593	59.259	0.285	28.552	4.170	0.181	18.089	3.618	0.196	19.551	234.12	AA	Open Sea	Intergenic
chrt12	33,717,687	3.33E-02	1.92E-01	0.333	33.333	0.655	65.517	0.267	26.715	5.343	0.180	18.014	3.603	0.322	32.184	234.12	CA	Open Sea	Intergenic
chrt12	33,717,717	9.13E-03	1.92E-01	0.182	18.182	0.625	62.500	0.207	20.736	4.147	0.298	29.814	5.963	0.443	44.318	235.12	CG	Open Sea	Intergenic
chrt12	36,305,146	7.15E-03	2.23E-03	0.451	45.100	0.791	79.100	0.295	29.545	5.905	0.131	13.095	3.131	0.206	20.606	235.12	CG	Open Sea	Intergenic
chrt12	36,305,146	6.20E-03	2.23E-03	0.229	22.917	0.483	48.333	0.382	38.179	7.636	0.044	4.391	0.878	0.255	25.417	235.12	12	Open Sea	Intergenic
chrt12	36,511,031	3.84E-02	3.54E-03	0.364	36.364	0.667	66.667	0.242	24.250	4.850	0.183	18.273	3.655	0.303	30.303	236.12	TA	Open Sea	Intron 6/9
chrt12	36,511,129	2.71E-03	6.97E-05	0.343	34.286	0.716	71.622	0.121	12.060	2.412	0.184	18.411	3.682	0.373	37.336	236.12	TA	Open Sea	Intron 6/9
chrt12	37,631,569	4.04E-03	4.62E-03	0.673	67.333	0.857	85.714	0.233	23.283	4.657	0.238	23.796	4.757	0.243	24.363	237.12	TA	Open Sea	Intron 2/3
chrt12	37,631,600	2.86E-02	2.93E-03	0.818	81.818	0.630	62.963	0.153	15.323	3.065	0.150	15.006	3.001	-0.169	-16.855	237.12	GG	Open Sea	Intergenic
chrt12	40,450,015	4.66E-02	5.32E-02	0.851	85.106	0.735	73.469	0.180	18.026	3.605	0.043	4.275	0.855	-0.101	-10.167	238.12	--	Open Sea	S Shelf
chrt12	40,450,127	4.90E-02	9.57E-03	0.818	81.818	0.682	68.235	0.096	9.573	1.915	0.118	11.769	2.354	-0.136	-13.583	238.12	CA	Open Sea	Intron 1/52
chrt12	42,511,080	5.04E-02	3.65E-02	0.673	67.333	0.519	51.900	0.072	7.166	1.554	0.066	6.640	1.171	0.093	10.333	239.12	gg	Open Sea	Intergenic
chrt12	42,511,567	2.45E-02	2.45E-02	0.545	54.545	0.833	83.333	0.266	26.572	5.314	0.140	13.964	2.793	0.298	29.788	239.12	--	Open Sea	Intergenic
chrt12	43,362,169	2.59E-02	1.93E-01	0.771	77.108	0.900	90.000	0.128	12.755	2.551	0.131	1.345	0.269	0.129	12.892	240.12	--	Open Sea	Intergenic
chrt12	43,362,532	2.57E-02	5.39E-01	0.367	36.667	0.656	65.625	0.379	37.268	7.454	0.139	13.890	2.778	0.290	28.958	240.12	--	Open Sea	Intergenic
chrt12	46,494,458	1.38E-02	5.99E-05	0.400	40.000	0.773	77.273	0.189	18.926	3.785	0.167	16.742	3.348	0.373	37.273	241.12	Check manually	Open Sea	Intergenic
chrt12	47,308,159	2.92E-02	2.92E-02	0.699	69.939	0.808	80.822	0.137	13.723	2.745	0.065	6.470	1.294	0.109	10.883	242.12	--	Open Sea	Intergenic
chrt12	47,308,860	4.60E-02	9.37E-02	0.732	73.214	0.542	54.167	0.182	18.166	3.633	0.166	16.564	3.313	-0.190	-19.048	242.12	--	Open Sea	Intergenic
chrt12	47,536,632	3.43E-02	3.43E-02	0.474	47.403	0.634	63.472	0.099	9.972	1.869	0.106	11.063	2.472	0.238	23.814	243.12	CG nearby	Open Sea	Intergenic
chrt12	47,537,449	2.11E-02	2.11E-02	0.821	82.143	0.522	52.174	0.119	11.857	2.371	0.289	28.918	5.784	-0.300	-29.969	243.12	--	Open Sea	Intergenic
chrt12	47,689,879	2.08E-02	2.08E-02	0.517	51.667	0.716	71.591	0.124	12.426	2.485	0.151	15.116	3.023	0.199	19.924	244.12	--	Open Sea	Intergenic
chrt12	47,670,813	1.27E-02	4.82E-02	0.573	57.282	0.736	73.636	0.163	16.322	3.264	0.091	9.051	1.810	0.164	16.355	244.12	--	Open Sea	Intergenic
chrt12	48,083,412	3.07E-02	5.11E-03	0.571	57.143	0.333	33.333	0.219	21.924	4.385	0.134	13.260	2.472	-0.238	-23.814	245.12	AA	Open Sea	Intergenic
chrt12	48,083,487	3.70E-02	1.54E-03	0.705	70.455	0.900	90.000	0.172	17.165	3.433	0.088	8.768	1.754	0.195	19.545	245.12	CG nearby	Open Sea	Intergenic
chrt12	48,584,740	2.70E-02	1.28E-02	0.595	59.459	0.829	82.857	0.191	19.089	3.818	0.142	14.216	2.843	0.234	23.398	246.12	TG	Open Sea	Intergenic
chrt12	48,585,052	2.51E-02	2.51E-02	0.651	65.116	0.875	87.500	0.336	33.619	6.724	0.130	12.990	2.598	0.224	22.384	246.12	CA	Open Sea	Intergenic
chrt12	48,729,418	1.58E-02	1.53E-02	0.353	35.294	0.650	65.000	0.195	19.538	3.058	0.135	13.538	2.708	0.307	30.667	247.12	--	Open Sea	Intergenic
chrt12	48,730,148	1.73E-02	7.26E-04	0.300	30.000	0.850	85.000	0.328	32.819	6.564	0.164	16.402	3.280	0.250	25.000	247.12	AT	Open Sea	Intergenic
chrt12	49,659,639	7.14E-03	9.34E-03	0.769	76.923	0.459	45.946	0.184	18.407	3.681	0.130	12.955	2.591	-0.310	-30.977	248.12	--	Open Sea	Intergenic
chrt12	49,660,009	2.17E-02	3.40E-03	0.429	42.857	0.661	66.071	0.097	9.717	1.943	0.212	21.236	4.247	0.232	23.214	248.12	--	Open Sea	Intergenic
chrt12	50,660,091	3.40E-02	3.40E-02	0.320	32.000	0.650	65.000	0.162	16.245	3.162	0.162	1.640	1.625	0.199	19.852	248.12	--	Open Sea	Intergenic
chrt12	50,666,555	3.18E-02	1.35E-03	0.381	38.095	0.571	57.143	0.119	11.892	2.378	0.209	20.871	4.174	0.190	19.048	249.12	--	Open Sea	CG nearby
chrt12	50,666,578	1.31E-02	1.35E-03	0.446	44.643	0.686	68.627	0.089	8.904	1.781	0.132	13							

dhrt12	81,113,047	2.13E-02	5.41E-03	0.870	86.957	0.683	68.293	0.093	9.265	1.853	0.128	12.775	2.555	-0.187	-18.664	270.12	gg	Open Sea	Intron 3/12	Smoc1
dhrt12	81,113,461	2.42E-02	1.33E-01	0.159	15.909	0.509	50.943	0.398	39.794	7.959	0.233	23.276	4.655	-0.350	-35.034	270.12	--	Open Sea	Intron 3/12	Smoc1
dhrt12	81,113,461	1.33E-01	0.159	0.159	15.909	0.509	50.943	0.398	39.794	7.959	0.233	23.276	4.655	-0.350	-35.034	270.12	--	Open Sea	Intron 3/12	Smoc1
dhrt12	94,421,285	4.49E-03	7.06E-01	0.720	72.000	0.296	29.630	0.178	17.823	3.565	0.381	38.091	7.618	-0.424	-42.370	271.12	AT	Open Sea	Intergenic	
dhrt12	94,422,162	1.98E-02	6.19E-01	0.548	54.800	0.789	78.947	0.318	31.822	6.364	0.100	9.973	1.995	0.242	24.185	271.12	AG	Open Sea	Intergenic	
dhrt12	94,447,572	4.16E-03	1.13E-04	0.192	19.231	0.600	60.000	0.151	15.074	3.015	0.216	21.807	4.361	0.408	40.769	272.12	--	Open Sea	Intergenic	
dhrt12	94,447,614	3.89E-04	1.13E-04	0.060	6.060	0.389	38.943	0.268	26.847	7.763	0.167	16.733	3.387	0.450	45.000	272.12	--	Open Sea	Intergenic	
dhrt12	94,891,325	3.39E-02	5.76E-03	0.277	27.660	0.516	51.613	0.180	17.982	3.598	0.308	30.782	6.156	0.240	23.953	273.12	--	Open Sea	Intergenic	
dhrt12	94,891,338	1.98E-02	5.76E-03	0.275	27.451	0.528	52.778	0.181	18.066	3.613	0.203	20.320	4.064	0.253	25.327	273.12	--	Open Sea	Intergenic	
dhrt12	95,853,880	1.62E-02	3.04E-04	0.188	18.841	0.375	37.500	0.275	27.495	5.499	0.287	28.724	5.745	0.187	18.659	274.12	--	Open Sea	Intergenic	
dhrt12	95,854,026	3.04E-02	3.04E-04	0.387	38.700	0.682	68.200	0.387	38.700	5.499	0.287	28.724	5.745	0.187	18.659	274.12	--	Open Sea	Intergenic	
dhrt12	95,897,621	2.37E-02	2.37E-02	0.742	74.194	0.875	87.736	0.242	4.208	0.842	0.136	13.641	2.728	0.135	13.542	275.12	--	Open Sea	Intergenic	
dhrt12	95,898,435	2.49E-02	8.42E-01	0.882	88.235	0.750	75.000	0.065	6.462	1.292	0.117	11.677	2.335	-0.132	-13.235	275.12	CA	Open Sea	Intergenic	
dhrt12	97,197,053	3.41E-02	3.41E-02	0.410	41.026	0.638	63.830	0.245	24.494	4.899	0.109	10.912	2.182	0.228	22.804	276.12	AG	Open Sea	Intergenic	
dhrt12	97,197,723	3.40E-02	3.40E-02	0.633	63.333	0.652	65.217	0.104	10.413	2.083	0.218	21.783	4.387	-0.181	-18.116	276.12	ca	Open Sea	Intergenic	
dhrt12	97,506,405	4.66E-02	3.46E-01	0.893	89.286	0.679	67.857	0.092	9.170	1.834	0.362	36.241	7.248	-0.214	-21.429	277.12	--	Open Sea	Intergenic	
dhrt12	97,506,661	3.48E-02	9.20E-02	0.317	31.707	0.563	56.250	0.117	11.692	2.338	0.230	22.984	4.597	0.245	24.543	277.12	--	Open Sea	Intergenic	
dhrt12	97,648,598	3.62E-03	4.15E-05	0.245	24.490	0.531	53.125	0.147	14.382	2.876	0.144	14.382	4.688	0.296	28.635	278.12	--	Open Sea	Intergenic	
dhrt12	97,648,629	3.24E-03	4.15E-05	0.229	22.917	0.547	54.717	0.147	14.719	2.944	0.180	17.971	3.594	0.318	31.800	278.12	--	Open Sea	Intergenic	
dhrt12	102,452,154	3.18E-02	6.79E-03	0.888	88.288	0.761	76.087	0.078	7.763	1.553	0.071	7.084	1.417	-0.122	-12.201	279.12	CA	Open Sea	Intergenic	
dhrt12	102,452,327	4.90E-02	6.79E-03	0.847	84.746	0.667	66.667	0.115	11.519	2.304	0.168	16.837	3.367	-0.181	-18.079	279.12	--	Open Sea	Intergenic	
dhrt12	102,933,166	3.84E-03	3.82E-05	0.306	30.556	0.632	63.219	0.345	34.508	6.902	0.119	11.894	2.379	0.327	32.663	280.12	Check manually	Open Sea	Intergenic	
dhrt12	102,933,183	1.82E-03	3.82E-05	0.299	29.951	0.610	61.039	0.059	5.923	1.185	0.314	31.446	6.289	0.312	31.199	280.12	Check manually	Open Sea	Intergenic	
dhrt12	102,933,187	1.67E-02	3.82E-05	0.348	34.848	0.587	58.667	0.239	23.946	4.789	0.140	13.990	2.798	0.238	23.818	280.12	Check manually	Open Sea	Intergenic	
dhrt12	102,970,966	1.57E-02	2.45E-02	0.776	77.632	0.500	50.000	0.249	24.859	4.972	0.088	8.759	1.752	-0.276	-27.632	281.12	--	Open Sea	Intron 1/48	Unc79
dhrt12	102,970,966	2.45E-02	2.45E-02	0.776	77.632	0.500	50.000	0.249	24.859	4.972	0.088	8.759	1.752	-0.276	-27.632	281.12	--	Open Sea	Intron 1/51	Unc79
dhrt12	102,971,219	6.05E-03	1.85E-04	0.783	78.261	0.381	38.095	0.783	78.261	4.466	0.222	22.228	4.466	-0.002	-0.002	281.12	--	Open Sea	Intron 1/51	Unc79
dhrt12	102,971,219	6.05E-03	1.85E-04	0.783	78.261	0.381	38.095	0.783	78.261	4.466	0.222	22.228	4.466	-0.002	-0.002	281.12	--	Open Sea	Intron 1/51	Unc79
dhrt12	103,572,025	1.61E-03	3.40E-04	0.276	27.586	0.698	69.767	0.228	22.776	4.555	0.172	17.186	3.437	0.422	42.181	282.12	TG	Open Sea	Intron 3/24	Ppp444
dhrt12	103,572,025	9.07E-04	3.40E-04	0.276	27.586	0.698	69.767	0.228	22.776	4.555	0.172	17.186	3.437	0.422	42.181	282.12	--	Open Sea	Intron 3/24	Ppp444
dhrt12	106,613,322	6.89E-03	4.12E-01	0.811	81.081	0.409	40.909	0.363	36.297	7.259	0.288	29.770	5.954	-0.375	-37.469	283.12	CG nearby	Open Sea	false intergenic	Mrt1188
dhrt12	106,613,322	6.89E-03	4.12E-01	0.811	81.081	0.409	40.909	0.363	36.297	7.259	0.288	29.770	5.954	-0.375	-37.469	283.12	CG nearby	Open Sea	Intron 2/4	Rian
dhrt12	106,613,322	6.89E-03	4.12E-01	0.811	81.081	0.409	40.909	0.363	36.297	7.259	0.288	29.770	5.954	-0.375	-37.469	283.12	CG nearby	Open Sea	Intron 2/7	Rian
dhrt12	106,613,335	2.24E-02	4.12E-01	0.811	81.081	0.520	52.000	0.193	19.342	3.868	0.122	12.210	2.442	-0.291	-29.081	283.12	TT	Open Sea	Intron 2/4	Rian
dhrt12	106,613,335	2.24E-02	4.12E-01	0.811	81.081	0.520	52.000	0.193	19.342	3.868	0.122	12.210	2.442	-0.291	-29.081	283.12	TT	Open Sea	Intron 2/7	Rian
dhrt12	106,613,335	2.24E-02	4.12E-01	0.811	81.081	0.520	52.000	0.193	19.342	3.868	0.122	12.210	2.442	-0.291	-29.081	283.12	TT	Open Sea	Intron 2/7	Rian
dhrt12	106,613,335	2.24E-02	4.12E-01	0.811	81.081	0.520	52.000	0.193	19.342	3.868	0.122	12.210	2.442	-0.291	-29.081	283.12	TT	Open Sea	Intron 2/7	Rian
dhrt12	106,613,335	2.24E-02	4.12E-01	0.811	81.081	0.520	52.000	0.193	19.342	3.868	0.122	12.210	2.442	-0.291	-29.081	283.12	TT	Open Sea	Intron 2/7	Rian
dhrt12	106,613,335	2.24E-02	4.12E-01	0.811	81.081	0.520	52.000	0.193	19.342	3.868	0.122	12.210	2.442	-0.291	-29.081	283.12	TT	Open Sea	Intron 2/7	Rian
dhrt12	106,613,335	2.24E-02	4.12E-01	0.811	81.081	0.520	52.000	0.193	19.342	3.868	0.122	12.210	2.442	-0.291	-29.081	283.12	TT	Open Sea	Intron 2/7	Rian
dhrt12	106,613,335	2.24E-02	4.12E-01	0.811	81.081	0.520	52.000	0.193	19.342	3.868	0.122	12.210	2.442	-0.291	-29.081	283.12	TT	Open Sea	Intron 2/7	Rian
dhrt12	106,613,335	2.24E-02	4.12E-01	0.811	81.081	0.520	52.000	0.193	19.342	3.868	0.122	12.210	2.442	-0.291	-29.081	283.12	TT	Open Sea	Intron 2/7	Rian
dhrt12	106,613,335	2.24E-02	4.12E-01	0.811	81.081	0.520	52.000	0.193	19.342	3.868	0.122	12.210	2.442	-0.291	-29.081	283.12	TT	Open Sea	Intron 2/7	Rian
dhrt12	106,613,335	2.24E-02	4.12E-01	0.811	81.081	0.520	52.000	0.193	19.342	3.868	0.122	12.210	2.442	-0.291	-29.081	283.12	TT	Open Sea	Intron 2/7	Rian
dhrt12	106,613,335	2.24E-02	4.12E-01	0.811	81.081	0.520	52.000	0.193	19.342	3.868	0.122	12.210	2.442	-0.291	-29.081	283.12	TT	Open Sea	Intron 2/7	Rian
dhrt12	106,613,335	2.24E-02	4.12E-01	0.811	81.081	0.520	52.000	0.193	19.342	3.868	0.122	12.210	2.442	-0.291	-29.081	283.12	TT	Open Sea	Intron 2/7	Rian
dhrt12	106,613,335	2.24E-02	4.12E-01	0.811	81.081	0.520	52.000	0.193	19.342	3.868	0.122	12.210	2.442	-0.291	-29.081	283.12	TT	Open Sea	Intron 2/7	Rian
dhrt12	106,613,335	2.24E-02	4.12E-01	0.811	81.081	0.520	52.000	0.193	19.342	3.868	0.122	12.210	2.442	-0.291	-29.081	283.12	TT	Open Sea	Intron 2/7	Rian
dhrt12	106,613,335	2.24E-02	4.12E-01	0.811	81.081	0.520	52.000	0.193	19.342	3.868	0.122	12.210	2.442	-0.291	-29.081	283.12	TT	Open Sea	Intron 2/7	Rian
dhrt12	106,613,335	2.24E-02	4.12E-01	0.811	81.081	0.520	52.000	0.193	19.342	3.868	0.122	12.210	2.442	-0.291	-29.081	283.12	TT	Open Sea	Intron 2/7	Rian
dhrt12	106,613,335	2.24E-02	4.12E-01	0.811	81.081	0.520	52.000	0.193	19.342	3.868	0.122	12.210	2.442	-0.291	-29.081	283.12	TT	Open Sea	Intron 2/7	Rian
dhrt12	106,613,335	2.24E-02	4.12E-01	0.811	81.081	0.520	52.000	0.193	19.342	3.868	0.122	12.210	2.442	-0.291	-29.081	283.12	TT	Open Sea	Intron 2/7	Rian
dhrt12	106,613,335	2.24E-02	4.12E-01	0.811	81.081	0.520	52.000	0.193	19.342	3.868	0.122	12.210	2.442	-0.291	-29.081	283.12	TT	Open Sea	Intron 2/7	Rian
dhrt12	106,613,335	2.24E-02	4.12E-01	0.811	81.081	0.520	52.000	0.193	19.342	3.868	0.122	12.210	2.442	-0.291	-29.081	283.12	TT	Open Sea	Intron 2/7	Rian
dhrt12	106,613,335	2.24E-02	4.12E-01	0.811	81.081	0.520	52.000	0.193	19.342	3.868	0.122	12.210	2.442	-0.291	-29.081	283.12	TT	Open Sea	Intron 2/7	Rian
dhrt12	106,613,335	2.24E-02	4.12E-01	0.811	81.081	0.520	52.000	0.193	19.342	3.868	0.122	12.210	2.442	-0.291	-29.081	283.12	TT	Open Sea	Intron 2/7	Rian
dhrt12	106,613,335	2.24E-02	4.12E-01	0.811	81.081	0.520	52.000	0.193	19.342	3.868	0.122	12								

chr13	62,907,805	1.04E-02	1.11E-02	0.111	11.111	0.383	38.298	0.207	20.730	4.146	0.130	13.004	2.601	0.272	27.187	315.13	CA	Open Sea	Intergenic	
chr13	66,270,410	1.20E-02	5.51E-03	0.853	65.306	0.755	75.479	0.077	7.737	1.547	0.054	5.414	1.083	0.102	10.173	316.13	--	Open Sea	Intergenic	
chr13	66,270,547	5.03E-02	5.61E-01	61.111	6111.1	0.243	24.343	0.260	26.043	0.198	0.198	19.796	1.791	0.210	21.032	316.13	--	Open Sea	Intergenic	
chr13	72,010,160	2.36E-02	2.11E-02	0.581	58.065	0.778	77.778	0.118	11.767	2.353	0.104	10.417	2.083	0.107	19.713	317.13	--	Open Sea	Intergenic	
chr13	72,010,785	1.58E-02	5.44E-02	0.697	69.718	0.852	85.217	0.150	14.959	2.992	0.102	10.169	2.034	0.155	15.499	317.13	--	Open Sea	Intergenic	
chr13	74,289,740	4.82E-02	2.42E-01	0.645	64.486	0.768	76.786	0.067	6.656	1.331	0.127	12.741	2.548	0.123	12.300	318.13	ca	Open Sea	Intergenic	
chr13	74,270,058	2.04E-02	4.45E-01	4.181	418.1	0.632	63.263	0.260	26.043	0.126	0.126	12.590	2.518	0.181	18.181	318.13	Check manually	Open Sea	Intergenic	
chr13	77,044,925	3.49E-02	3.49E-02	0.575	57.500	0.776	77.586	0.185	18.536	3.707	0.074	7.446	1.489	0.201	20.086	319.13	TA	Open Sea	Intron 20/20	
chr13	77,045,756	4.54E-02	4.24E-02	0.800	80.000	0.605	60.526	0.118	11.809	2.362	0.167	16.696	3.339	-0.195	-19.474	319.13	AA	Open Sea	Intron 20/20	
chr13	79,333,415	3.39E-02	5.75E-02	0.700	70.000	0.894	89.362	0.211	21.079	4.216	0.058	5.796	1.159	0.184	18.362	320.13	--	Open Sea	Intergenic	
chr13	79,333,576	1.83E-02	1.83E-02	0.661	66.100	0.789	78.929	0.176	17.622	3.256	0.126	12.657	2.847	0.137	13.000	320.13	--	Open Sea	Intergenic	
chr13	79,606,650	1.38E-02	1.38E-02	0.648	64.789	0.829	82.985	0.131	13.058	2.612	0.066	6.589	1.314	0.191	18.106	321.13	--	Open Sea	Intergenic	
chr13	79,607,543	3.79E-02	3.79E-02	0.303	30.263	0.467	46.667	0.102	10.203	2.041	0.085	8.462	1.692	0.164	16.404	321.13	--	Open Sea	Intergenic	
chr13	82,737,496	1.72E-02	1.99E-03	0.702	70.213	0.886	88.571	0.162	16.111	3.222	0.077	7.738	1.548	0.184	18.359	322.13	--	Open Sea	Intergenic	
chr13	82,737,504	4.50E-02	1.99E-03	0.586	58.769	0.736	73.611	0.100	9.974	1.995	0.068	6.795	1.359	0.181	18.056	322.13	AG	Open Sea	Intergenic	
chr13	83,526,587	2.84E-02	1.02E-02	0.419	41.935	0.143	14.286	0.231	23.075	4.615	0.110	10.963	2.193	-0.276	-27.650	323.13	TA	S Shore	Intron 2/10	
chr13	83,526,587	2.84E-02	1.02E-02	0.419	41.935	0.143	14.286	0.231	23.075	4.615	0.110	10.963	2.193	-0.276	-27.650	323.13	TA	S Shore	Intron 2/10	
chr13	83,526,794	2.22E-02	1.83E-02	0.800	80.000	0.533	53.333	0.120	11.960	2.392	0.232	23.209	4.642	-0.267	-26.667	323.13	AC	S Shore	Intron 2/10	
chr13	83,526,794	2.22E-02	1.83E-02	0.800	80.000	0.533	53.333	0.120	11.960	2.392	0.232	23.209	4.642	-0.267	-26.667	323.13	AC	S Shore	Intron 2/10	
chr13	84,333,092	8.39E-03	2.30E-02	0.540	54.286	0.841	84.333	0.092	9.273	27.341	4.968	1.185	18.489	3.688	0.298	29.805	324.13	GA	Open Sea	Intergenic
chr13	84,333,117	1.67E-02	6.64E-02	0.541	54.054	0.796	79.592	0.284	28.392	5.678	0.180	18.011	3.602	0.255	25.538	324.13	GA	Open Sea	Intergenic	
chr13	84,759,825	2.74E-02	1.30E-01	0.449	44.960	0.539	53.889	0.260	26.010	5.202	0.085	8.510	1.702	0.190	19.029	325.13	--	Open Sea	Intergenic	
chr13	84,760,064	4.95E-02	1.41E-03	0.586	58.621	0.821	82.143	0.300	30.000	6.000	0.117	11.655	2.331	0.235	23.522	325.13	--	Open Sea	Intergenic	
chr13	85,964,635	3.55E-02	3.55E-02	0.596	59.596	0.786	78.571	0.146	14.649	2.930	0.130	13.027	2.605	0.190	18.975	326.13	--	Open Sea	Intergenic	
chr13	85,965,287	6.69E-03	2.69E-02	0.389	38.889	0.773	77.773	0.307	30.723	6.145	0.212	21.189	4.238	0.384	38.384	326.13	--	Open Sea	Intergenic	
chr13	87,438,992	1.95E-02	7.16E-01	0.816	81.333	0.529	52.941	0.266	26.666	0.255	0.255	25.506	5.101	0.286	-28.638	327.13	CA	Open Sea	Intergenic	
chr13	87,439,703	1.71E-02	1.71E-02	0.667	66.667	0.348	34.783	0.662	6.647	6.487	0.192	19.834	3.324	-0.319	-31.869	327.13	TA	Open Sea	Intergenic	
chr13	89,418,990	2.24E-02	6.80E-03	0.821	82.090	0.300	30.293	0.110	11.043	2.209	0.168	16.173	3.235	-0.191	-19.127	328.13	ca	Open Sea	Intergenic	
chr13	89,419,090	4.16E-03	4.16E-03	0.790	79.048	0.586	58.559	0.260	26.000	16.992	0.398	1.112	11.205	2.241	-0.205	-20.489	328.13	Check manually	Open Sea	Intergenic
chr13	89,483,717	3.48E-02	3.48E-02	0.766	76.613	0.690	69.403	0.136	13.614	3.135	0.131	13.099	3.124	-0.160	-16.026	329.13	--	Open Sea	Intergenic	
chr13	89,484,088	1.75E-02	1.75E-02	0.766	76.613	0.890	89.000	0.116	11.606	2.321	0.086	8.560	1.712	0.124	12.387	329.13	--	Open Sea	Intergenic	
chr13	89,600,624	2.38E-02	6.10E-05	0.739	73.913	0.417	41.667	0.187	18.702	3.740	0.221	22.148	4.430	-0.322	-32.246	330.13	CA	Open Sea	Intron 2/4	
chr13	89,600,665	4.33E-02	6.10E-05	0.645	64.516	0.394	39.394	0.318	31.843	6.369	0.124	12.381	2.476	-0.251	-25.122	330.13	CG nearby	Open Sea	Intron 2/4	
chr13	90,941,497	1.15E-02	3.42E-01	0.229	22.900	0.120	12.039	0.191	19.200	2.429	0.100	10.000	3.820	0.307	30.714	331.13	TA	Open Sea	Intergenic	
chr13	90,941,520	5.33E-03	1.36E-05	0.200	20.000	0.577	57.692	0.137	13.652	2.730	0.194	19.443	3.869	0.377	37.692	331.13	--	Open Sea	Intron 5/7	
chr13	90,941,567	3.32E-02	3.86E-06	0.222	22.222	0.556	55.556	0.246	24.555	4.911	0.120	12.044	2.409	0.333	33.333	331.13	--	Open Sea	Intron 5/7	
chr13	93,014,616	1.29E-02	1.54E-02	0.367	36.735	0.630	63.043	0.079	7.922	1.584	0.220	22.008	4.402	0.263	26.309	332.13	CA	Open Sea	Intergenic	
chr13	93,014,659	1.54E-02	1.54E-02	0.367	36.735	0.630	63.043	0.079	7.922	1.584	0.220	22.008	4.402	0.263	26.309	332.13	CA	Open Sea	Intergenic	
chr13	94,470,933	4.83E-02	5.12E-01	0.267	26.667	0.521	52.083	0.377	37.882	7.536	0.273	27.307	5.461	0.293	29.307	332.13	GA	Open Sea	Intron 15/26	
chr13	94,471,378	1.47E-02	2.44E-01	0.448	44.828	0.759	75.862	0.250	25.006	5.001	0.114	11.435	2.287	0.310	31.034	333.13	CG	Open Sea	Intron 15/26	
chr13	99,167,069	1.13E-02	1.39E-03	0.819	81.905	0.634	63.366	0.378	37.796	7.559	0.113	11.297	2.259	-0.185	-18.538	334.13	--	Open Sea	Intergenic	
chr13	99,167,077	6.98E-02	3.85E-03	0.643	64.343	0.634	63.366	0.378	37.796	7.559	0.113	11.297	2.259	-0.185	-18.538	334.13	--	Open Sea	Intergenic	
chr13	100,093,458	7.44E-03	1.02E-03	0.167	16.667	0.515	51.515	0.121	12.068	2.414	0.270	27.019	5.404	0.348	34.848	335.13	CG	Open Sea	Exon 5/39	
chr13	100,093,498	6.78E-03	1.02E-03	0.156	15.625	0.469	46.875	0.112	11.180	2.236	0.249	24.906	4.981	0.313	31.250	335.13	--	Open Sea	Exon 5/39	
chr13	103,917,265	4.97E-02	3.28E-03	0.857	85.714	0.695	69.524	0.051	5.074	1.015	0.175	17.451	3.490	-0.162	-16.190	336.13	GT	N Shelf	Intron 1/25	
chr13	103,917,265	4.97E-02	3.28E-03	0.857	85.714	0.695	69.524	0.051	5.074	1.015	0.175	17.451	3.490	-0.162	-16.190	336.13	GT	N Shelf	Intron 1/25	
chr13	103,917,265	4.97E-02	3.28E-03	0.857	85.714	0.695	69.524	0.051	5.074	1.015	0.175	17.451	3.490	-0.162	-16.190	336.13	GT	N Shelf	Intron 1/25	
chr13	103,917,304	1.19E-02	3.28E-03	0.856	85.556	0.674	67.416	0.067	6.726	1.345	0.167	16.714	3.343	-0.181	-18.140	336.13	--	Open Sea	Intron 1/25	
chr13	103,917,304	1.19E-02	3.28E-03	0.856	85.556	0.674	67.416	0.067	6.726	1.345	0.167	16.714	3.343	-0.181	-18.140	336.13	--	Open Sea	Intron 1/25	
chr13	106,547,939	3.02E-02	1.56E-02	0.559	55.932	0.352	35.185	0.267	26.731	5.346	0.193	19.342	3.868	-0.207	-20.747	337.13	CA	Open Sea	Intergenic	
chr13	106,548,040	4.39E-02	1.56E-02	0.648	64.817	0.467	46.667	0.150	15.030	3.006	0.144	14.382	2.876	-0.181	-18.148	337.13	GT	Open Sea	Intergenic	
chr13	107,907,343	4.60E-02	6.08E-01	0.571	57.143	0.850	85.000	0.077	7.674	1.535	0.205	20.467	4.093	0.279	27.857	338.13	--	Open Sea	Intergenic	
chr13	107,907,558	2.30E-02	3.36E-02	0.367	36.735	0.630	63.043	0.079	7.922	1.584	0.220	22.008	4.402	0.263	26.309	338.13	--	Open Sea	Intergenic	
chr13	109,007,917	3.96E-02	5.05E-01	0.169	16.949	0.340	34.000	0.377	37.747	7.549	0.105	10.501	2.100	0.171	17.051	339.13	--	Open Sea	Intergenic	
chr13	109,008,254	3.98E-02	3.98E-02	0.350	35.000	0.588	58.824	0.199	19.925	3.985	0.255	25.477	5.095	0.238	23.824	339.13	--	Open Sea	Intergenic	
chr13	110,049,498	4.57E-02	3.95E-03	0.580	58.000	0.397	39.726	0.211	21.098	4.220	0.072	7.214	1.443	-0.183	-18.274	340.13	CA	Open Sea	Intergenic	
chr13	110,049,362	3.82E-02	3.82E-03	0.611	61.111	0.423	42.333	0.143	14.330	2.163	0.140	14.063	3.107	0.197	19.658	340.13	AG	Open Sea	Intergenic	
chr13	112,304,589	3.10E-02	4.87E-03	0.604	60.417	0.816	81.579	0.195	19.476	3.895	0.116	11.578	2.316	0.212	21.162	341.13	--	Open Sea	Intron 1/10	
chr13	112,304,665	1.85E-03	9.12E-03	0.419	41.935	0.815	81.481	0.256	25.617	5.123	0.126</									

chrt4	46,527,863	4.52E-02	7.42E-03	0.200	20.000	0.464	46.429	0.164	16.433	3.287	0.292	29.213	5.843	0.264	26.429	364.14	--	Open Sea	Intergenic
chrt4	48,911,397	4.18E-02	2.50E-01	0.279	27.907	0.532	53.226	0.100	10.993	1.999	0.263	26.301	5.260	0.253	25.319	365.14	CG nearby	Open Sea	Intergenic
chrt4	49,811,404	2.85E-03	2.30E-01	0.600	36.000	0.600	60.000	0.360	3.600	0.421	0.140	13.990	0.721	0.140	24.000	365.14	CG nearby	Open Sea	Intergenic
chrt4	49,886,811	1.68E-02	1.68E-02	0.583	0.583	0.752	75.221	0.157	15.701	3.140	0.161	16.102	3.220	0.170	16.954	366.14	--	S Shelf	Intergenic
chrt4	49,887,450	4.95E-02	3.24E-02	0.556	55.556	0.681	68.067	0.209	20.910	4.182	0.041	4.057	0.811	0.125	12.512	366.14	--	S Shelf	Intergenic
chrt4	51,423,920	3.34E-02	3.34E-02	0.489	48.936	0.283	28.302	0.244	24.444	4.889	0.144	14.372	2.874	-0.206	-20.634	367.14	--	Open Sea	Intergenic
chrt4	51,424,784	4.56E-02	5.33E-01	0.833	53.333	0.421	42.069	0.316	31.647	0.316	0.412	4.099	0.395	-29.467	-29.467	367.14	--	Open Sea	Intergenic
chrt4	56,486,974	1.67E-02	3.36E-02	0.441	44.118	0.727	72.727	0.186	18.558	3.712	0.154	15.392	3.078	0.286	28.610	368.14	--	Open Sea	Intergenic
chrt4	56,487,003	4.60E-02	3.36E-02	0.559	55.882	0.824	82.353	0.271	27.090	5.418	0.103	10.262	2.052	0.285	26.471	368.14	CA	Open Sea	Intergenic
chrt4	61,048,812	3.78E-02	3.78E-02	0.784	78.431	0.596	59.615	0.103	10.262	2.052	0.159	15.872	3.174	-0.188	-18.816	369.14	--	Open Sea	Intergenic
chrt4	61,048,759	4.03E-01	0.700	0.700	70.000	0.148	14.801	0.159	15.889	0.173	0.173	1.731	0.171	0.171	17.271	369.14	--	Open Sea	Intergenic
chrt4	63,693,383	3.00E-03	2.06E-02	0.184	18.421	0.543	54.286	0.117	11.698	2.340	0.173	17.321	3.464	0.359	35.865	370.14	--	Open Sea	Intergenic
chrt4	63,693,386	3.92E-02	2.06E-02	0.200	20.000	0.417	41.667	0.143	14.342	2.868	0.633	6.253	1.251	0.217	21.667	370.14	--	Open Sea	Intergenic
chrt4	64,344,285	4.88E-02	6.62E-04	0.279	27.907	0.583	58.333	0.259	25.871	5.174	0.276	27.615	5.523	0.304	30.426	371.14	TG	Open Sea	Intron 6/10
chrt4	64,344,295	4.88E-02	6.62E-04	0.279	27.907	0.583	58.333	0.259	25.871	5.174	0.276	27.615	5.523	0.304	30.426	371.14	TG	Open Sea	Intron 6/10
chrt4	64,344,294	2.46E-03	6.62E-04	0.190	19.048	0.541	54.054	0.159	15.916	3.183	0.248	24.775	4.955	0.350	35.006	371.14	CT	Open Sea	Intron 6/10
chrt4	64,344,294	2.46E-03	6.62E-04	0.190	19.048	0.541	54.054	0.159	15.916	3.183	0.248	24.775	4.955	0.350	35.006	371.14	CT	Open Sea	Intron 1/5
chrt4	67,273,880	1.19E-02	5.56E-02	0.854	85.400	0.830	83.043	0.128	12.117	2.423	0.173	17.330	3.466	-0.224	-22.373	372.14	CG nearby	Open Sea	Intergenic
chrt4	67,274,044	2.85E-02	1.59E-02	0.750	75.000	0.462	46.154	0.193	19.343	3.869	0.150	14.977	2.995	-28.846	-28.846	372.14	TT	Open Sea	TSS 1500
chrt4	67,433,896	4.82E-04	2.92E-04	0.237	23.077	0.710	70.988	0.128	12.753	2.551	0.159	15.851	3.170	0.479	47.891	373.14	--	Open Sea	Intergenic
chrt4	67,434,003	4.55E-02	2.92E-04	0.587	58.696	0.774	77.358	0.112	11.180	2.236	0.099	9.898	1.980	0.187	18.663	373.14	TT	Open Sea	Intergenic
chrt4	68,120,319	1.64E-02	1.50E-01	0.741	74.074	0.524	52.381	0.092	22.172	1.834	0.277	27.749	5.550	-22.693	-22.693	374.14	Check manually	N Shelf	Exon 3/3
chrt4	68,120,713	3.58E-02	2.47E-02	0.835	83.544	0.697	69.663	0.097	8.691	1.938	0.087	8.702	1.740	-0.139	-13.881	374.14	CG	N Shelf	Exon 3/3
chrt4	68,120,791	1.50E-02	3.71E-04	0.690	68.966	0.505	50.549	0.113	11.322	2.264	0.058	5.820	1.164	-0.144	-18.416	374.14	AC	N Shelf	Exon 3/3
chrt4	68,121,073	4.17E-02	1.82E-01	0.875	87.500	0.762	76.190	0.079	7.935	1.587	0.110	11.003	2.201	-0.183	-11.310	374.14	CT	N Shelf	Exon 3/3
chrt4	68,575,652	4.03E-02	1.15E-01	0.741	74.136	0.897	89.736	0.109	10.865	2.173	0.194	10.415	2.063	0.146	14.594	375.14	--	Open Sea	Intron 5/13
chrt4	68,575,699	4.26E-02	4.03E-01	0.687	68.687	0.845	84.524	0.197	19.684	3.912	0.099	9.886	1.973	0.158	15.837	375.14	--	Open Sea	Intron 5/13
chrt4	73,504,196	1.68E-02	5.33E-02	0.658	65.844	0.835	83.544	0.177	19.684	3.937	0.123	12.301	2.460	0.175	17.755	376.14	--	Open Sea	Intergenic
chrt4	73,504,361	8.93E-03	1.45E-01	0.538	53.788	0.719	71.918	0.195	19.514	3.903	0.138	13.841	2.768	0.181	18.130	376.14	--	Open Sea	Intergenic
chrt4	71,688,548	1.74E-02	1.40E-04	0.138	13.841	0.584	58.421	0.161	16.126	2.461	0.161	16.126	2.461	0.161	16.126	377.14	CA	Open Sea	Intron 1/18
chrt4	77,668,571	1.45E-02	2.48E-05	0.130	13.043	0.462	46.154	0.129	42.123	8.425	0.234	23.365	4.673	0.331	33.110	377.14	CA	Open Sea	Intron 15/18
chrt4	77,688,576	2.24E-02	2.48E-05	0.174	17.401	0.480	48.000	0.149	41.874	8.375	0.149	14.907	2.981	0.306	30.609	377.14	TG	Open Sea	Intron 15/18
chrt4	78,625,963	1.77E-02	4.77E-03	0.453	45.283	0.698	69.811	0.156	15.569	3.114	0.180	18.017	3.603	0.245	24.528	378.14	--	Open Sea	Intron 5/28
chrt4	78,626,047	3.19E-02	4.77E-03	0.216	21.646	0.430	43.035	0.108	10.808	2.221	0.163	16.318	2.231	0.148	14.828	378.14	--	Open Sea	Intron 5/28
chrt4	80,238,764	2.26E-02	2.50E-03	0.583	58.333	0.759	75.949	0.092	8.216	1.843	0.110	10.991	2.198	0.176	17.616	379.14	Check manually	Open Sea	Intergenic
chrt4	80,238,817	1.19E-02	3.55E-03	0.767	76.667	0.940	94.000	0.187	18.749	3.750	0.073	7.256	1.451	0.173	17.333	379.14	--	Open Sea	Intergenic
chrt4	81,782,322	4.65E-03	3.54E-03	0.429	42.857	0.833	83.333	0.276	27.573	5.515	0.120	11.960	2.382	0.405	40.476	380.14	--	Open Sea	Intergenic
chrt4	91,782,396	9.17E-02	0.56E-09	0.250	25.000	0.940	94.000	0.150	15.000	2.500	0.150	1.500	2.500	0.150	1.500	380.14	--	Open Sea	Intergenic
chrt4	82,405,220	2.14E-01	0.698	69.767	0.893	89.286	89.286	0.127	12.706	2.541	0.125	12.500	2.500	0.195	19.518	381.14	--	Open Sea	Intergenic
chrt4	82,405,757	1.14E-02	1.14E-02	0.718	71.818	0.848	84.768	0.056	5.617	1.123	0.086	8.598	1.720	0.130	12.950	381.14	Check manually	Open Sea	Intergenic
chrt4	83,113,826	3.20E-02	7.79E-02	0.833	83.333	0.693	69.307	0.129	12.909	2.582	0.100	10.046	2.009	-0.140	-14.026	382.14	--	Open Sea	Intergenic
chrt4	83,114,282	1.72E-02	1.72E-02	0.208	20.811	0.721	72.101	0.204	20.417	3.135	0.269	2.694	0.483	0.271	2.694	382.14	--	Open Sea	Intergenic
chrt4	86,116,852	3.82E-02	1.12E-02	0.909	90.909	0.697	69.697	0.196	19.613	3.923	0.206	20.582	4.116	-0.212	-21.212	383.14	TT	Open Sea	Intergenic
chrt4	86,117,071	4.61E-02	4.02E-01	0.683	68.293	0.868	86.842	0.341	34.055	6.811	0.090	9.010	1.802	0.185	18.549	383.14	--	Open Sea	Intergenic
chrt4	88,626,313	1.37E-02	7.25E-02	0.833	83.333	0.634	63.380	0.106	10.565	2.113	0.143	14.326	2.865	-0.200	-19.953	384.14	--	Open Sea	Intergenic
chrt4	88,627,093	1.85E-02	0.70E-02	0.360	36.000	0.530	53.000	0.137	13.684	3.361	0.230	2.360	3.361	0.354	3.370	384.14	Check manually	Open Sea	Intergenic
chrt4	89,723,126	2.36E-02	7.04E-03	0.343	34.286	0.544	54.386	0.170	17.050	3.410	0.084	8.436	1.687	0.201	20.100	384.14	CA	Open Sea	Intergenic
chrt4	89,723,145	3.05E-02	7.04E-03	0.243	24.286	0.446	44.643	0.148	14.790	2.958	0.106	10.603	2.121	0.204	20.357	385.14	AG	Open Sea	Intergenic
chrt4	92,481,233	1.27E-02	1.44E-02	0.769	76.923	0.893	89.256	0.053	5.275	1.055	0.059	5.895	1.179	0.123	12.333	386.14	--	Open Sea	Intergenic
chrt4	92,482,014	3.24E-02	3.78E-02	0.451	45.140	0.787	78.723	0.152	15.243	3.124	0.049	4.966	2.479	0.219	21.860	386.14	--	Open Sea	Intergenic
chrt4	93,521,119	1.67E-02	3.38E-06	0.203	20.339	0.443	44.262	0.116	11.583	2.317	0.245	24.540	4.908	0.239	23.923	387.14	TG	Open Sea	Intergenic
chrt4	93,521,129	4.52E-02	1.93E-06	0.169	16.949	0.446	44.643	0.120	11.984	2.397	0.302	30.186	6.037	0.277	27.694	387.14	TG	Open Sea	Intergenic
chrt4	93,521,146	3.59E-02	1.93E-06	0.153	15.254	0.383	38.298	0.087	8.671	1.734	0.282	28.223	5.645	0.230	23.044	387.14	AG	Open Sea	Intergenic
chrt4	93,521,253	1.91E-02	1.91E-02	0.563	56.300	0.530	53.000	0.155	15.577	3.115	0.252	2.515	3.115	0.346	34.615	387.14	CA	Open Sea	Intergenic
chrt4	94,112,261	4.22E-02	2.78E-01	0.368	36.842	0.613	61.290	0.317	31.650	6.330	0.099	9.919	1.984	0.244	24.448	388.14	--	Open Sea	Intergenic
chrt4	94,112,484	1.05E-02	1.70E-01	0.657	65.741	0.827	82.727	0.101	10.067	2.013	0.111	11.132	2.226	0.170	16.987	388.14	--	Open Sea	Intergenic
chrt4	96,898,334	4.08E-03	5.21E-04	0.494	49.351	0.734	73.438	0.106	10.581	2.116	0.064	6.363	1.273	0.241	24.087	389.14	--	Open Sea	Intergenic
chrt4	96,898,390	5.87E-03	5.21E-04	0.494	49.351	0.734	73.438	0.106	10.581	2.116	0.064	6.363	1.273	0.241	24.087	389.14	--	Open Sea	Intergenic
chrt4	97,592,972	4.56E-03	2.52E-03	0.328	32.759	0.635	63.462	0.109	10.908	2.182	0.144	14.367	2.873	0.307	30.703	390.14	AA		

dhrt5	7.252,637	1.94E-02	8.87E-01	0.178	17.778	0.517	51.724	0.184	18.387	3.997	0.212	21.164	4.233	0.339	33.946	407.15	--	Open Sea	Intron 8/21	Egflam
dhrt5	7.252,637	1.94E-02	8.87E-01	0.178	17.778	0.517	51.724	0.184	18.387	3.977	0.212	21.164	4.233	0.339	33.946	407.15	--	Open Sea	Intron 8/22	Egflam
dhrt5	7.252,991	8.76E-01	8.87E-01	0.262	68.152	0.897	89.744	0.262	68.152	0.897	0.262	68.152	0.897	0.262	68.152	407.15	--	Open Sea	Intron 8/21	Egflam
dhrt5	7.252,991	8.76E-01	8.87E-01	0.262	68.152	0.897	89.744	0.262	68.152	0.897	0.262	68.152	0.897	0.262	68.152	407.15	--	Open Sea	Intron 8/22	Egflam
dhrt5	7.338,533	7.66E-03	6.87E-03	0.351	35.135	0.676	67.568	0.303	30.262	6.052	0.196	19.572	3.914	0.324	32.432	408.15	GC	Open Sea	Intron 1/21	Egflam
dhrt5	7.338,533	7.66E-03	6.87E-03	0.351	35.135	0.676	67.568	0.303	30.262	6.052	0.196	19.572	3.914	0.324	32.432	408.15	GC	Open Sea	Intron 1/22	Egflam
dhrt5	7.338,590	5.15E-03	3.49E-02	0.436	43.590	0.758	75.758	0.436	43.590	0.758	0.436	43.590	0.758	0.436	43.590	408.15	GG	Open Sea	Intron 1/21	Egflam
dhrt5	7.338,590	5.15E-03	3.49E-02	0.436	43.590	0.758	75.758	0.436	43.590	0.758	0.436	43.590	0.758	0.436	43.590	408.15	GG	Open Sea	Intron 1/22	Egflam
dhrt5	8.881,216	2.26E-02	5.13E-01	0.864	86.441	0.696	69.565	0.106	10.567	2.113	0.163	16.344	3.269	-0.169	-18.875	409.15	CG nearby	Open Sea	Intergenic	
dhrt5	8.881,917	4.08E-02	2.22E-02	0.217	21.739	0.513	51.282	0.307	30.700	6.140	0.154	15.384	3.077	0.295	29.543	409.15	CA	Open Sea	Intergenic	
dhrt5	13.384,829	1.93E-02	1.97E-02	0.282	28.167	0.600	60.000	0.282	28.167	0.600	0.153	0.153	0.600	0.308	30.833	410.15	--	Open Sea	Intergenic	
dhrt5	13.385,438	3.55E-02	5.57E-02	0.528	52.778	0.756	75.611	0.247	24.745	4.949	0.081	8.088	1.618	0.228	22.832	410.15	CG	Open Sea	Intergenic	
dhrt5	14.832,438	4.91E-02	2.00E-03	0.522	52.174	0.826	82.609	0.294	29.359	5.872	0.157	15.713	3.143	0.304	30.435	411.15	--	Open Sea	Intergenic	
dhrt5	14.832,443	2.37E-02	2.00E-03	0.417	41.867	0.826	82.609	0.319	31.910	6.382	0.217	21.654	4.331	0.409	40.942	411.15	--	Open Sea	Intergenic	
dhrt5	15.330,510	4.63E-02	1.94E-01	0.817	81.692	0.819	81.808	0.176	17.586	3.511	0.131	13.098	2.620	0.142	14.235	412.15	TA	Open Sea	Intergenic	
dhrt5	15.330,649	3.18E-02	1.94E-01	0.343	34.286	0.600	60.000	0.195	19.492	3.898	0.313	31.320	6.264	0.257	25.714	412.15	--	Open Sea	Intergenic	
dhrt5	15.458,384	3.23E-02	1.06E-01	0.848	84.848	0.600	60.000	0.190	18.952	3.790	0.226	22.550	4.510	-0.248	-24.848	413.15	--	Open Sea	Intergenic	
dhrt5	15.459,493	3.68E-02	1.82E-01	0.429	42.857	0.675	67.500	0.247	24.725	4.945	0.230	23.033	4.607	0.246	24.643	413.15	--	Open Sea	Intergenic	
dhrt5	15.572,514	2.48E-02	2.65E-01	0.302	30.233	0.522	52.174	0.187	18.711	3.742	0.096	9.636	1.927	0.219	21.941	414.15	--	Open Sea	Intergenic	
dhrt5	15.572,836	2.54E-02	1.01E-01	0.537	53.704	0.746	74.603	0.271	27.141	5.428	0.154	15.431	3.086	0.209	20.899	414.15	--	Open Sea	Intergenic	
dhrt5	17.448,006	1.92E-02	1.92E-02	0.424	42.424	0.719	71.875	0.267	26.671	5.334	0.168	16.758	3.352	0.295	29.451	415.15	--	Open Sea	Intergenic	
dhrt5	17.448,375	2.42E-02	1.12E-01	0.462	46.214	0.691	68.116	0.063	6.332	1.266	0.102	10.200	2.040	0.199	19.902	415.15	--	Open Sea	Intergenic	
dhrt5	17.958,038	4.89E-02	1.93E-02	0.792	79.245	0.919	91.935	0.129	12.859	2.572	0.051	5.123	1.025	0.127	12.690	416.15	--	Open Sea	Intergenic	
dhrt5	17.958,856	4.07E-02	3.62E-01	0.407	40.678	0.600	60.000	0.209	20.910	4.182	0.174	17.402	3.480	0.193	19.322	416.15	--	Open Sea	Intergenic	
dhrt5	20.488,133	1.48E-03	9.34E-02	0.742	74.194	0.320	32.000	0.137	13.672	2.734	0.150	14.975	2.995	-0.422	-42.194	417.15	AG	Open Sea	Intergenic	
dhrt5	20.488,179	3.14E-02	9.34E-02	0.563	56.333	0.864	86.364	0.250	24.972	4.994	0.362	3.962	1.872	0.284	28.030	417.15	CG	Open Sea	Intergenic	
dhrt5	21.633,624	4.05E-02	4.05E-02	0.678	67.797	0.841	84.058	0.151	15.050	3.010	0.101	10.098	2.022	0.163	16.261	418.15	TT	Open Sea	Intergenic	
dhrt5	21.634,396	4.70E-02	1.54E-01	0.528	52.778	0.784	78.378	0.309	30.560	6.174	0.137	13.710	2.705	0.266	25.601	418.15	CT	Open Sea	Intergenic	
dhrt5	22.182,716	3.33E-02	1.07E-01	0.820	81.967	0.650	65.000	0.125	12.486	2.497	0.227	22.712	4.542	-0.170	-16.967	419.15	--	Open Sea	Intergenic	
dhrt5	22.183,615	1.21E-03	0.33E-03	0.243	24.333	0.455	45.455	0.127	12.678	2.990	0.232	23.719	4.545	0.279	24.719	419.15	--	Open Sea	Intergenic	
dhrt5	22.856,738	8.36E-03	4.08E-04	0.245	24.508	0.500	50.000	0.133	13.312	2.662	0.102	10.222	2.044	0.255	25.472	420.15	--	Open Sea	Intergenic	
dhrt5	22.856,742	2.79E-02	4.08E-04	0.380	38.000	0.620	62.000	0.141	14.092	2.818	0.228	22.781	4.556	0.240	24.000	420.15	--	Open Sea	Intergenic	
dhrt5	22.856,814	2.65E-02	4.08E-04	0.378	37.838	0.659	65.909	0.164	16.375	3.275	0.172	17.239	3.448	0.281	28.071	420.15	--	Open Sea	Intergenic	
dhrt5	23.017,380	9.63E-02	3.93E-02	0.584	58.412	0.726	72.600	0.232	23.786	4.568	0.230	23.526	2.878	0.285	28.788	421.15	CG	Open Sea	Intergenic	
dhrt5	23.017,724	3.17E-02	1.56E-02	0.585	58.491	0.788	78.846	0.210	21.003	4.201	0.151	15.068	3.014	-0.204	-20.356	421.15	--	Open Sea	Intergenic	
dhrt5	23.565,762	4.10E-02	3.22E-01	0.740	73.984	0.856	85.886	0.123	13.319	2.464	0.311	13.122	2.624	0.116	11.602	422.15	--	Open Sea	Intergenic	
dhrt5	23.565,974	2.13E-02	2.55E-01	0.487	48.718	0.237	23.684	0.246	24.638	4.928	0.125	12.511	2.502	-0.250	-25.034	422.15	--	Open Sea	Intergenic	
dhrt5	23.682,275	3.85E-02	0.68E-03	0.323	32.233	0.683	68.333	0.186	18.613	2.067	0.133	13.433	3.413	0.295	29.473	423.15	--	Open Sea	Intergenic	
dhrt5	23.682,484	4.97E-02	0.47E-02	0.646	64.583	0.820	82.000	0.200	20.006	4.001	0.126	12.590	2.518	0.174	17.417	423.15	--	Open Sea	Intergenic	
dhrt5	24.612,297	1.38E-02	0.82E-02	0.829	82.857	0.559	55.882	0.121	12.109	2.422	0.104	10.416	2.083	-0.270	-26.975	424.15	--	Open Sea	Intergenic	
dhrt5	24.612,915	3.81E-02	3.81E-02	0.569	56.897	0.755	75.472	0.103	10.270	2.054	0.060	5.965	1.193	0.186	18.575	424.15	--	Open Sea	Intergenic	
dhrt5	26.340,951	8.49E-03	8.49E-03	0.249	24.959	0.623	62.333	0.100	10.003	1.172	0.123	12.400	1.172	0.123	12.400	425.15	AA	Open Sea	Intergenic	
dhrt5	26.340,967	1.92E-02	8.49E-03	0.176	17.647	0.425	42.500	0.109	10.897	2.179	0.128	12.781	2.556	0.249	24.853	425.15	Check manually	Open Sea	Intergenic	
dhrt5	26.715,636	4.52E-02	6.26E-03	0.623	62.614	0.804	80.435	0.199	19.916	3.983	0.182	18.221	3.644	0.182	18.171	426.15	CA	Open Sea	Intergenic	
dhrt5	26.715,702	4.51E-02	1.35E-01	0.490	48.980	0.756	75.610	0.287	28.739	5.748	0.196	19.551	3.910	0.266	26.630	426.15	AG	Open Sea	Intergenic	
dhrt5	29.564,034	4.05E-02	4.08E-03	0.215	21.500	0.333	33.333	0.157	15.307	1.713	0.146	14.607	2.583	0.281	25.833	427.15	--	Open Sea	Intergenic	
dhrt5	29.564,053	3.93E-02	4.98E-03	0.231	23.077	0.474	47.368	0.199	19.915	3.983	0.157	15.708	3.142	0.243	24.291	427.15	--	Open Sea	Intergenic	
dhrt5	31.945,846	3.16E-02	3.58E-02	0.881	88.095	0.592	59.184	0.094	9.362	1.872	0.262	26.239	5.248	-0.289	-28.912	428.15	--	Open Sea	Intergenic	
dhrt5	31.945,918	1.60E-02	3.58E-02	0.698	69.811	0.475	47.458	0.172	17.238	3.448	0.233	23.299	4.660	-0.224	-22.354	428.15	--	Open Sea	Intergenic	
dhrt5	40.782,425	3.07E-02	3.33E-02	0.815	81.579	0.589	58.824	0.087	8.663	3.378	0.302	3.750	2.560	0.258	25.755	429.15	TA	Open Sea	Intergenic	
dhrt5	40.782,534	2.22E-02	3.33E-02	0.815	81.481	0.533	53.333	0.129	12.942	2.588	0.096	9.603	1.921	-0.281	-28.148	429.15	CG	Open Sea	Intergenic	
dhrt5	40.895,084	4.70E-02	3.99E-04	0.400	40.000	0.676	67.647	0.238	23.813	4.763	0.193	19.273	3.855	0.276	27.647	430.15	TA	Open Sea	Intergenic	
dhrt5	40.895,098	7.30E-03	3.99E-04	0.293	29.268	0.606	60.606	0.138	13.800	2.760	0.156	15.563	3.113	0.313	31.338	430.15	CG	Open Sea	Intergenic	
dhrt5	40.895,132	1.20E-03	1.20E-03	0.417	41.661	0.650	65.000	0.141	14.053	2.388	0.166	16.614	2.333	0.154	15.404	430.15	--	Open Sea	Intergenic	
dhrt5	41.354,988	3.55E-02	7.86E-02	0.402	40.157	0.541	54.054	0.056	5.593	1.119	0.159	15.888	3.178	0.239	23.887	431.15	ct	Open Sea	Intergenic	
dhrt5	41.355,521	1.69E-02	1.69E-02	0.406	40.625	0.720	72.000	0.231	23.125	4.625	0.184	18.409	3.682	0.314	31.375	431.15	CG	Open Sea	Intergenic	
dhrt5	44.225,143	4.85E-02	4.85E-02	0.187	18.692	0.301	30.088	0.370	36.967	7.393	0.096	9.619	1.924	0.114	11.397	432.15	--	Open Sea	Intergenic	
dhrt5	44.225,483	7.24E-03	7.24E-03	0.697	69.737	0.454	45.454	0.168	16.517	2.336	0.146	14.614	2.329	0.						

dhrt5	88,145,774	3.80E-02	5.14E-01	0.541	54,054	0.771	77,143	0.273	27,309	5.462	0.156	15,646	3.129	0.231	23,089	456, 15	--	Open Sea	Intergenic		
dhrt5	88,146,144	3.87E-02	2.58E-01	0.700	70,000	0.381	38,095	0.242	24,184	4.837	0.281	28,085	5.617	-0.319	-31,905	456, 15	--	Open Sea	Intergenic		
dhrt5	89,516,581	1.21E-02	1.11E-03	0.200	20,000	0.517	51,123	0.153	15,654	3.171	0.171	17,454	5.691	0.171	17,454	457, 15	--	Open Sea	Intergenic	Shank3	
dhrt5	89,516,581	3.21E-02	1.11E-03	0.200	20,000	0.517	51,124	0.159	15,857	3.171	0.275	27,454	5.491	0.317	31,724	457, 15	--	Open Sea	Intron 7/17	Shank3	
dhrt5	89,516,581	3.21E-02	1.11E-03	0.200	20,000	0.517	51,124	0.159	15,857	3.171	0.275	27,454	5.491	0.317	31,724	457, 15	--	Open Sea	Intron 9/21	Shank3	
dhrt5	89,516,600	1.83E-02	1.11E-03	0.357	35,714	0.688	68,750	0.145	14,518	2,904	0.230	23,006	4.601	0.330	33,036	457, 15	--	Open Sea	Intron 9/21	Shank3	
dhrt5	89,516,600	1.83E-02	1.11E-03	0.357	35,714	0.688	68,750	0.145	14,518	2,904	0.230	23,006	4.601	0.330	33,036	457, 15	--	Open Sea	Intron 9/21	Shank3	
dhrt5	89,516,600	1.83E-02	1.11E-03	0.357	35,714	0.688	68,750	0.145	14,518	2,904	0.230	23,006	4.601	0.330	33,036	457, 15	--	Open Sea	Intron 9/21	Shank3	
dhrt5	90,835,843	1.93E-02	3.42E-04	0.231	23,077	0.533	53,333	0.159	15,882	3,176	0.354	35,355	7,071	0.303	30,256	458, 15	tg	Open Sea	Intergenic		
dhrt5	90,835,863	4.26E-02	1.52E-03	0.364	36,364	0.690	68,666	0.253	25,276	5,055	0.383	38,301	7,660	0.326	32,602	458, 15	--	CG nearby	Intergenic		
dhrt5	93,107,926	1.43E-02	3.05E-03	0.194	19,350	0.432	43,266	0.180	18,049	3,610	0.227	22,742	3,896	0.246	24,560	461, 15	ct	Open Sea	Intergenic		
dhrt5	93,107,926	4.29E-02	1.05E-01	0.696	69,643	0.873	87,302	0.179	17,940	3,588	0.127	12,659	2,532	0.172	17,659	459, 15	--	Open Sea	Intergenic		
dhrt5	93,108,029	4.61E-02	2.18E-02	0.763	76,316	0.892	89,189	0.363	36,298	7,260	0.072	7,245	1,449	0.129	12,873	459, 15	--	Open Sea	Intergenic		
dhrt5	93,108,839	3.74E-03	6.49E-01	0.868	86,792	0.603	60,345	0.100	9,956	1,991	0.152	15,227	3,045	-0.264	-28,448	459, 15	--	Open Sea	Intergenic		
dhrt5	93,879,871	2.05E-02	1.57E-03	0.147	14,724	0.657	67,234	0.095	9,486	1,897	0.107	10,743	2,149	-0.215	-21,520	460, 15	CG nearby	Open Sea	Intergenic		
dhrt5	93,880,005	1.20E-02	1.57E-03	0.778	77,778	0.533	53,333	0.156	15,564	3,113	0.173	17,331	3,466	-0.244	-24,444	460, 15	--	Check manually	Open Sea	Intergenic	
dhrt5	93,880,024	1.98E-02	1.57E-03	0.698	69,841	0.492	49,153	0.160	15,994	3,199	0.145	14,521	2,904	-0.207	-20,689	460, 15	AG	Open Sea	Intergenic	Scarf1	
dhrt5	96,457,382	3.42E-02	9.82E-03	0.184	18,421	0.412	41,176	0.224	22,361	4,472	0.197	19,659	3,932	0.228	22,755	461, 15	ac	Open Sea	Intron 1/14	Scarf1	
dhrt5	96,457,437	2.83E-02	9.82E-03	0.314	31,373	0.559	55,832	0.321	32,088	5,418	0.140	13,989	2,794	0.246	24,560	461, 15	ct	Open Sea	Intergenic		
dhrt5	96,676,842	4.69E-02	2.70E-01	0.179	17,949	0.438	43,750	0.099	9,927	1,985	0.396	39,631	7,926	0.258	25,801	462, 15	ct	Open Sea	Intergenic		
dhrt5	96,676,844	1.61E-02	2.70E-01	0.179	17,949	0.441	44,118	0.128	12,824	2,565	0.164	16,404	3,281	0.262	26,169	462, 15	ct	Open Sea	Intergenic		
dhrt5	3,458,114	4.55E-02	3.61E-03	0.398	39,837	0.547	54,676	0.050	5,023	1,006	0.191	19,116	3,223	0.148	14,839	463, 16	CG nearby	Open Sea	Intergenic		
dhrt5	3,468,258	1.67E-02	3.61E-03	0.506	50,649	0.700	70,000	0.238	23,781	4,756	0.089	9,936	1,985	0.194	19,351	463, 16	--	Open Sea	Intergenic		
dhrt5	5,503,364	1.82E-02	1.97E-02	0.500	50,000	0.458	45,833	0.168	16,833	3,367	0.262	26,212	5,242	-0.333	-33,333	464, 16	CG nearby	Open Sea	Intergenic		
dhrt5	5,503,388	3.17E-02	2.11E-03	0.619	61,905	0.308	30,769	0.376	37,593	7,519	0.162	16,178	3,236	-0.311	-31,136	464, 16	CA	Open Sea	Intergenic		
dhrt5	7,252,054	1.21E-05	0.20E-02	0.208	20,833	0.464	46,377	0.153	15,330	3,066	0.066	6,558	1,312	0.255	25,543	465, 16	--	Open Sea	Intergenic		
dhrt5	7,252,118	3.01E-02	1.78E-06	0.152	15,152	0.191	19,152	0.159	15,149	3,830	0.131	13,999	2,628	0.199	19,351	465, 16	Check manually	Open Sea	Intergenic		
dhrt5	10,031,725	3.30E-03	4.67E-03	0.233	23,256	0.622	62,162	0.180	18,049	3,610	0.227	22,742	3,896	0.246	24,560	466, 16	--	Open Sea	Intergenic		
dhrt5	10,031,757	2.81E-02	4.67E-03	0.429	42,857	0.710	70,988	0.268	26,750	5,350	0.167	16,741	3,348	0.281	28,111	466, 16	--	Open Sea	Intergenic		
dhrt5	19,432,054	4.12E-02	4.09E-01	0.617	61,644	0.873	87,302	0.179	17,940	3,588	0.127	12,659	2,532	0.172	17,659	467, 16	--	Open Sea	Intergenic		
dhrt5	19,433,339	4.08E-02	4.09E-01	0.617	61,644	0.873	87,302	0.179	17,940	3,588	0.127	12,659	2,532	0.172	17,659	467, 16	--	Open Sea	Intergenic		
dhrt5	25,744,522	4.58E-02	5.82E-03	0.500	50,000	0.783	78,261	0.357	35,714	7,143	0.209	20,917	4,183	0.283	28,261	468, 16	CT	Open Sea	Intergenic		
dhrt5	25,744,640	3.82E-03	3.03E-02	0.280	28,000	0.739	79,913	0.131	13,139	2,628	0.278	27,827	5,565	0.459	45,913	468, 16	AG	Open Sea	Intergenic		
dhrt5	29,878,105	4.26E-02	4.09E-01	0.617	61,644	0.873	87,302	0.179	17,940	3,588	0.127	12,659	2,532	0.172	17,659	469, 16	--	Open Sea	Intergenic		
dhrt5	29,878,113	1.78E-02	2.87E-02	0.519	51,852	0.733	73,333	0.112	11,554	2,231	0.162	16,178	3,236	0.215	21,481	469, 16	--	Open Sea	Intergenic		
dhrt5	29,878,129	4.39E-02	6.43E-02	0.581	58,108	0.740	74,026	0.084	8,385	1,677	0.153	15,310	3,062	0.159	15,918	469, 16	--	Open Sea	Intergenic		
dhrt5	32,736,947	1.06E-02	8.09E-04	0.388	38,776	0.684	68,421	0.233	23,301	4,660	0.198	19,805	3,961	0.296	29,646	470, 16	CG nearby	Open Sea	Intron 1/24	Muc4	
dhrt5	32,736,954	8.09E-04	8.09E-04	0.388	38,776	0.684	68,421	0.233	23,301	4,660	0.198	19,805	3,961	0.296	29,646	470, 16	CG nearby	Open Sea	Intron 1/24	Muc4	
dhrt5	32,736,958	1.91E-02	8.09E-04	0.375	37,500	0.647	64,706	0.160	16,030	3,206	0.241	24,080	4,816	0.272	27,206	470, 16	CG nearby	Open Sea	Intron 1/24	Muc4	
dhrt5	33,629,830	2.33E-02	3.27E-04	0.237	23,684	0.486	48,649	0.158	15,759	3,152	0.164	16,355	3,271	0.250	24,964	471, 16	--	Open Sea	Intron 10/13	Slc12a8	
dhrt5	33,629,835	3.19E-02	3.27E-04	0.270	27,027	0.513	51,282	0.188	18,837	3,767	0.169	16,919	3,384	0.243	24,255	471, 16	--	Open Sea	Intron 10/13	Slc12a8	
dhrt5	34,069,182	2.67E-02	8.37E-02	0.713	71,269	0.733	73,333	0.112	11,554	2,231	0.162	16,178	3,236	0.215	21,481	472, 16	AG	Open Sea	Intergenic		
dhrt5	34,069,192	1.04E-02	8.37E-02	0.214	21,374	0.476	47,581	0.042	4,156	833	0.199	19,884	3,977	0.282	26,207	472, 16	--	Open Sea	Intergenic		
dhrt5	36,804,182	2.78E-02	7.98E-02	0.388	38,776	0.619	61,905	0.117	11,738	2,348	0.270	26,967	5,383	0.231	23,129	473, 16	Check manually	Open Sea	Intergenic		
dhrt5	36,804,279	1.66E-02	5.30E-04	0.645	64,516	0.839	83,929	0.068	6,835	1,367	0.183	18,307	3,661	0.194	19,412	473, 16	Check manually	Open Sea	Intergenic		
dhrt5	36,804,472	2.87E-02	2.99E-02	0.489	48,855	0.685	68,666	0.089	8,855	1,773	0.103	10,743	2,149	0.129	12,855	473, 16	CA	Open Sea	Intergenic		
dhrt5	37,334,630	1.82E-02	3.71E-02	0.837	83,721	0.596	59,615	0.109	10,855	2,171	0.195	19,539	3,908	-0.241	-24,106	474, 16	--	Open Sea	Intron 3/26	Stxbp5l	
dhrt5	37,334,630	1.82E-02	3.71E-02	0.837	83,721	0.596	59,615	0.109	10,855	2,171	0.195	19,539	3,908	-0.241	-24,106	474, 16	--	Open Sea	Intron 3/27	Stxbp5l	
dhrt5	37,335,074	1.38E-02	1.38E-02	0.839	83,929	0.590	59,674	0.089	8,855	1,770	0.303	30,292	6,058	-0.250	-24,954	474, 16	--	Open Sea	Intron 3/26	Stxbp5l	
dhrt5	37,335,074	1.38E-02	1.38E-02	0.839	83,929	0.590	59,674	0.089	8,855	1,770	0.303	30,292	6,058	-0.250	-24,954	474, 16	--	Open Sea	Intron 3/27	Stxbp5l	
dhrt5	38,282,077	3.81E-02	3.66E-01	0.605	60,465	0.800	80,000	0.223	22,293	4,459	0.371	37,091	7,418	0.195	19,535	475, 16	AG	Open Sea	Intergenic		
dhrt5	38,282,334	2.64E-02	6.63E-02	0.633	63,253	0.753	75,258	0.158	15,840	3,160	0.055	5,470	1,094	0.120	12,005	475, 16	--	Open Sea	Intergenic		
dhrt5	38,488,102	3.39E-03	9.88E-02	0.348	34,783	0.698	69,767	0.381	38,102	7,620	0.092	9,234	1,847	0.350	34,985	476, 16	CA	Open Sea	Intergenic		
dhrt5	38,488,161	4.51E-02	4.61E-01	0.824	82,416	0.873	87,302	0.179	17,940	3,588	0.127	12,659	2,532	0.172	17,659	476, 16	--	Open Sea	Intergenic		
dhrt5	40,101,720	1.29E-02	2.03E-03	0.500	50,000	0.219	21,875	0.250	25,006	5,001	0.217	21,731	4,346	-0.281	-28,125	477, 16	--	Open Sea	Intergenic		
dhrt5	40,101,847	3.17E-02	2.03E-03	0.617	61,702	0.864	86,364	0.338	33,821	6,764	0.311	13,087	2,617	0.247	24,662	477, 16	--	Open Sea	Intergenic		
dhrt5	40,157,161	3.78E-02	3.78E-02	0.738	73,810	0.500	50,000	0.333	33,361	6,652	0.307	30,744	6,149	-0.238	-23,810	478, 16	TA	Open Sea	Intergenic		
dhrt5	40,15																				

chr16	62,082,765	3.37E-02	5.16E-03	0.635	63.462	0.814	81.356	0.110	10.977	2.195	0.100	10.012	2.002	0.179	17.894	500.16	--	Open Sea	Intergenic
chr16	62,082,821	3.01E-02	5.16E-03	0.475	47.500	0.700	70.000	0.248	24.783	4.957	0.132	13.211	2.642	0.225	22.500	500.16	--	Open Sea	Intergenic
chr16	63,531,835	9.33E-04	9.40E-04	0.407	40.634	0.407	40.634	0.407	9.732	0.211	0.940	0.091	0.940	0.211	22.702	501.16	--	Open Sea	Intergenic
chr16	63,532,039	8.24E-03	1.47E-02	0.695	69.492	0.899	89.855	0.214	21.411	4.282	0.071	7.081	1.416	0.204	20.364	501.16	--	Open Sea	Intergenic
chr16	64,056,451	4.64E-02	8.03E-01	0.581	58.065	0.795	79.545	0.227	22.703	4.541	0.157	15.738	3.148	0.215	21.481	502.16	--	Open Sea	Intergenic
chr16	64,057,335	2.96E-02	2.61E-01	0.559	55.882	0.818	81.818	0.248	24.795	4.959	0.138	13.842	2.768	0.259	25.936	502.16	CA	Open Sea	Intergenic
chr16	64,650,369	6.16E-02	6.16E-02	0.485	48.276	0.485	48.276	0.208	20.766	4.583	0.248	24.766	4.583	0.248	25.485	503.16	CA	Open Sea	Intergenic
chr16	64,650,857	3.23E-02	3.23E-02	0.810	80.952	0.604	60.417	0.137	13.663	2.733	0.076	7.586	1.517	-0.205	-20.536	503.16	TT	Open Sea	Intergenic
chr16	65,550,860	4.34E-02	6.91E-06	0.483	48.276	0.762	76.190	0.244	24.424	4.885	0.234	23.395	4.679	0.279	27.915	504.16	CA	Open Sea	Intron 2/5
chr16	65,550,871	3.84E-02	6.91E-06	0.429	42.857	0.739	73.913	0.258	25.838	5.168	0.271	27.075	5.415	0.311	31.056	504.16	TC	Open Sea	Intron 2/5
chr16	65,691,083	1.45E-02	5.44E-05	0.485	48.276	0.345	34.581	0.145	14.453	2.261	0.145	14.453	2.261	0.281	28.144	505.16	CA	Open Sea	Intergenic
chr16	65,691,203	1.71E-02	1.21E-01	0.160	16.000	0.481	48.148	0.131	13.060	2.612	0.145	14.487	2.897	0.321	32.148	505.16	TC	Open Sea	Intergenic
chr16	66,087,685	2.62E-02	1.72E-03	0.426	42.553	0.648	64.815	0.262	26.185	5.237	0.132	13.209	2.642	0.223	22.262	506.16	--	Open Sea	Intergenic
chr16	66,087,725	1.16E-02	1.13E-03	0.385	38.462	0.660	66.000	0.211	21.121	4.224	0.131	13.122	2.624	0.275	27.538	506.16	--	Open Sea	Intergenic
chr16	66,088,237	1.66E-02	1.66E-02	0.602	60.207	0.565	56.522	0.208	20.787	4.157	0.280	28.048	4.157	0.287	29.685	506.16	--	Open Sea	Intergenic
chr16	67,431,311	4.24E-02	2.89E-01	0.722	72.222	0.872	87.209	0.071	7.111	1.422	0.124	12.363	2.473	0.150	14.987	507.16	--	Open Sea	Intergenic
chr16	67,431,568	4.07E-02	1.17E-01	0.621	62.069	0.346	34.615	0.220	21.979	4.396	0.115	11.521	2.304	-0.275	-27.454	507.16	--	Open Sea	Intergenic
chr16	67,985,903	1.25E-02	1.49E-02	0.586	58.601	0.804	80.357	0.132	13.186	2.633	0.137	13.705	2.741	0.218	21.786	508.16	--	Open Sea	Intergenic
chr16	67,985,981	1.89E-02	1.49E-02	0.720	72.000	0.500	50.000	0.107	10.697	0.084	0.084	0.376	1.275	-0.220	-22.000	508.16	--	Open Sea	Intergenic
chr16	68,074,926	2.03E-02	4.43E-03	0.712	71.233	0.875	87.500	0.143	14.329	2.866	0.101	10.114	2.023	0.163	16.267	509.16	--	Open Sea	Intergenic
chr16	68,075,029	1.55E-02	3.61E-02	0.281	28.125	0.655	65.517	0.220	21.979	4.396	0.202	20.176	4.035	0.374	37.392	509.16	--	Open Sea	Intergenic
chr16	68,863,392	3.17E-02	1.01E-02	0.669	66.939	0.201	20.132	0.149	14.878	2.976	0.043	4.345	0.069	0.112	11.193	510.16	CT	Open Sea	Intergenic
chr16	68,863,400	3.35E-02	1.01E-02	0.744	74.436	0.850	84.967	0.124	12.886	2.477	0.127	12.665	2.533	0.105	10.531	510.16	--	Open Sea	Intergenic
chr16	69,238,334	4.57E-03	8.73E-03	0.720	72.000	0.304	30.435	0.217	21.731	4.346	0.219	21.947	4.389	-0.416	-41.565	511.16	TG	Open Sea	Intergenic
chr16	69,238,431	3.28E-02	1.19E-03	0.800	80.000	0.522	52.174	0.146	14.617	2.923	0.297	29.725	5.945	-0.278	-27.826	511.16	--	Open Sea	Intergenic
chr16	72,017,042	1.21E-02	1.39E-01	0.300	30.000	0.667	66.667	0.247	24.746	4.829	0.122	12.247	4.349	0.367	36.667	512.16	--	Open Sea	Intergenic
chr16	72,017,493	1.91E-02	1.91E-02	0.818	81.818	0.564	56.410	0.122	12.212	2.442	0.062	6.173	1.235	-0.254	-25.408	512.16	--	Open Sea	Intergenic
chr16	72,545,989	6.13E-03	1.38E-03	0.352	35.185	0.652	65.217	0.214	21.364	3.273	0.364	36.352	7.270	0.300	30.032	513.16	TG	Open Sea	Intergenic
chr16	72,546,000	3.93E-02	1.38E-03	0.358	35.849	0.563	56.250	0.183	18.324	3.665	0.255	25.496	5.099	0.204	20.401	513.16	CT	Open Sea	Intergenic
chr16	72,546,003	1.39E-02	1.39E-02	0.436	43.638	0.160	16.038	0.294	29.292	3.294	0.294	29.292	3.294	0.212	21.237	513.16	TC	Open Sea	Intergenic
chr16	78,154,896	3.01E-02	1.86E-01	0.615	61.538	0.862	86.207	0.209	20.855	4.171	0.089	8.832	1.966	0.247	24.668	514.16	TG	Open Sea	Intergenic
chr16	78,154,950	4.45E-02	8.65E-02	0.486	48.649	0.725	72.500	0.296	29.579	5.916	0.172	17.162	3.432	0.239	23.851	514.16	TA	Open Sea	Intergenic
chr16	78,522,593	2.75E-02	7.64E-02	0.514	51.429	0.756	75.556	0.244	24.398	4.880	0.089	8.858	1.772	0.241	24.127	515.16	CC	Open Sea	Intergenic
chr16	78,523,145	3.74E-02	7.98E-02	0.726	72.603	0.514	51.429	0.126	12.688	2.337	0.177	17.702	3.640	-0.173	-17.298	515.16	--	Open Sea	Intergenic
chr16	78,523,149	1.86E-02	7.98E-02	0.814	81.429	0.641	64.130	0.187	18.687	2.337	0.177	17.702	3.640	-0.173	-17.298	515.16	--	Open Sea	Intergenic
chr16	79,102,763	1.43E-02	7.44E-02	0.608	60.811	0.823	82.258	0.186	18.596	3.719	0.115	11.484	2.297	0.212	21.447	516.16	--	Open Sea	Intergenic
chr16	79,103,626	2.23E-02	4.35E-02	0.382	38.235	0.667	66.667	0.153	15.348	3.070	0.178	17.753	3.551	0.284	28.431	516.16	TG	Open Sea	Intergenic
chr16	79,746,504	1.48E-03	1.56E-03	0.667	66.667	0.170	17.000	0.083	8.303	1.653	0.083	8.303	1.653	0.083	8.303	517.16	CT	Open Sea	Intergenic
chr16	79,747,401	2.67E-02	1.32E-01	0.754	75.439	0.508	50.847	0.136	13.804	2.721	0.214	21.431	4.286	-0.246	-24.591	517.16	--	Open Sea	Intergenic
chr16	80,055,754	3.37E-02	7.92E-03	0.288	28.846	0.486	48.571	0.158	15.825	3.165	0.091	9.084	1.817	0.197	19.725	518.16	--	Open Sea	Intergenic
chr16	80,056,762	1.67E-02	7.92E-03	0.308	30.769	0.520	52.000	0.072	7.235	1.447	0.083	8.292	1.658	0.212	21.231	518.16	--	Open Sea	Intergenic
chr16	80,300,182	9.83E-02	9.83E-02	0.719	71.923	0.877	87.700	0.199	19.970	4.140	0.199	19.970	4.140	0.230	23.477	519.16	--	Open Sea	Intergenic
chr16	80,300,185	1.52E-02	9.83E-02	0.888	88.750	0.726	72.581	0.056	5.605	1.121	0.130	12.968	2.594	-0.162	-16.169	519.16	--	Open Sea	Intergenic
chr16	80,415,486	4.73E-02	2.71E-02	0.395	39.535	0.659	65.854	0.250	25.009	5.002	0.195	19.534	3.907	0.263	26.319	520.16	--	Open Sea	Intergenic
chr16	80,415,545	6.95E-03	2.71E-02	0.250	25.000	0.531	53.061	0.164	16.431	3.286	0.242	24.248	4.850	0.281	28.081	520.16	--	Open Sea	Intergenic
chr16	81,476,514	9.83E-03	9.83E-03	0.197	19.758	0.421	42.154	0.157	15.748	3.031	0.157	15.748	3.031	0.157	15.748	521.16	CC	Open Sea	Intergenic
chr16	81,476,522	4.08E-02	9.83E-03	0.532	53.226	0.704	70.423	0.238	23.817	4.763	0.148	14.848	2.970	0.171	17.197	521.16	cc	Open Sea	Intergenic
chr16	81,621,268	2.55E-02	8.43E-01	0.179	17.857	0.459	45.946	0.224	22.361	4.472	0.219	21.872	4.374	0.281	28.089	522.16	--	Open Sea	Intergenic
chr16	81,621,885	1.38E-02	1.38E-02	0.522	52.174	0.699	69.930	0.222	22.179	4.436	0.126	12.641	2.528	0.178	17.756	522.16	--	Open Sea	Intergenic
chr16	81,633,590	2.37E-02	2.34E-05	0.375	37.500	0.667	66.667	0.233	23.265	4.658	0.254	25.414	5.053	0.292	29.167	523.16	--	Open Sea	Intergenic
chr16	81,633,777	4.12E-02	2.34E-05	0.184	18.367	0.370	36.957	0.099	9.934	1.987	0.144	14.392	2.878	0.186	18.589	523.16	ag	Open Sea	Intergenic
chr16	82,709,896	4.37E-02	8.36E-05	0.589	58.879	0.724	72.781	0.197	19.675	3.935	0.138	13.816	2.763	0.135	13.502	524.16	--	Open Sea	Intergenic
chr16	82,710,067	4.70E-03	1.24E-03	0.431	43.137	0.750	75.000	0.231	23.063	4.613	0.166	16.614	3.323	0.319	31.863	524.16	--	Open Sea	Intergenic
chr16	82,710,083	1.27E-03	1.24E-03	0.463	46.341	0.734	73.884	0.253	25.389	4.813	0.253	25.389	4.813	0.273	27.343	524.16	--	Open Sea	Intergenic
chr16	83,383,052	3.50E-02	8.45E-02	0.625	62.500	0.318	31.818	0.315	31.470	6.294	0.309	30.907	6.181	-0.307	-30.682	525.16	--	Open Sea	Intergenic
chr16	83,383,688	4.57E-02	4.57E-02	0.823	82.258	0.662	66.154	0.094	9.405	1.881	0.213	21.284	4.257	-0.161	-16.104	525.16	--	Open Sea	Intergenic
chr16	83,586,314	4.41E-02	4.09E-03	0.306	30.556	0.463	46.296	0.320	31.985	6.397	0.233	23.260	4.652	0.157	15.741	526.16	Check manually	Open Sea	Intergenic
chr16	83,586,324	4.09E-03	4.09E-03	0.304	30.454	0.555	55.555	0.322	32.014	6.162	0.322	32.014	6.162	0.322	32.014	526.16	CG nearby	Open Sea	Intergenic
chr16	83,574,111	1.55E-02	2.68E-01	0.875	87.500	0.545	54.545	0.101	10.062	2.012	0.392	39.186	7.837	-0.330	-32.955	527.16	--	Open Sea	Intergenic
chr16	83,574																		

chr17	35,867,129	3.02E-04	1.70E-03	0.705	70.492	0.352	35.227	0.110	14.000	2.800	0.199	19.914	3.983	-0.353	-35.265	544.17	TC	S Shore	5UTR	Pp1r18
chr17	35,867,129	3.02E-04	1.70E-03	0.705	70.492	0.352	35.227	0.140	14.000	2.800	0.199	19.914	3.983	-0.353	-35.265	544.17	TC	S Shore	TSS 1500	Pp1r18
chr17	35,867,239	9.55E-02	9.48E-02	0.463	48.276	0.207	20.690	0.363	36.345	0.330	0.963	9.586	0.276	-27.586	544.17	CG nearby	S Shore	Intergenic	Nm	
chr17	35,867,239	2.55E-02	9.05E-02	0.483	48.276	0.207	20.690	0.363	36.345	0.330	0.963	9.586	0.276	-27.586	544.17	CG nearby	S Shore	Exon 1/3	Pp1r18	
chr17	35,867,239	2.55E-02	9.05E-02	0.483	48.276	0.207	20.690	0.363	36.345	0.330	0.963	9.586	0.276	-27.586	544.17	CG nearby	S Shore	TSS 1500	Pp1r18	
chr17	35,946,595	4.81E-02	7.87E-02	0.385	38.462	0.600	60.000	0.195	19.494	3.899	0.140	14.379	2.876	0.215	21.538	545.17	--	Open Sea	Intergenic	
chr17	35,946,611	4.40E-02	7.63E-02	0.413	41.313	0.633	63.313	0.216	21.596	4.143	0.143	14.313	2.863	0.182	18.216	545.17	--	Open Sea	Intergenic	
chr17	37,629,438	2.18E-02	4.44E-01	0.282	28.205	0.611	61.111	0.207	20.707	4.141	0.245	24.514	4.903	0.329	32.906	546.17	--	Open Sea	Intergenic	
chr17	37,629,524	2.91E-02	2.17E-01	0.441	44.086	0.604	60.400	0.050	5.036	1.007	0.159	15.881	3.176	0.163	16.274	546.17	--	Open Sea	Intergenic	
chr17	39,643,772	3.97E-02	1.95E-03	0.706	70.588	0.857	85.714	0.138	13.768	2.754	0.116	11.594	2.319	0.151	15.126	547.17	--	Open Sea	Intergenic	
chr17	39,643,777	2.30E-02	1.58E-03	0.706	70.588	0.857	85.714	0.138	13.768	2.754	0.116	11.594	2.319	0.151	15.126	547.17	--	Open Sea	Intergenic	
chr17	39,827,692	2.30E-02	3.58E-01	0.257	25.514	0.550	55.000	0.178	17.132	3.426	0.196	19.636	3.927	0.293	29.286	548.17	--	Open Sea	Intergenic	
chr17	39,828,610	1.47E-02	7.70E-02	0.886	88.571	0.621	62.069	0.071	7.050	1.410	0.261	26.087	5.217	-0.265	-26.502	548.17	--	Open Sea	Intergenic	
chr17	40,886,107	3.58E-02	5.02E-02	0.536	53.571	0.788	78.788	0.123	12.272	2.454	0.126	12.540	2.508	0.252	25.216	549.17	--	Open Sea	Intergenic	
chr17	40,887,099	1.34E-02	9.60E-04	0.622	62.174	0.800	80.000	0.529	52.922	5.191	0.162	16.222	3.244	0.278	27.826	549.17	AC	Open Sea	Intergenic	
chr17	42,086,041	4.13E-02	4.13E-02	0.774	77.419	0.531	53.125	0.084	8.399	1.680	0.224	22.361	4.472	-0.243	-24.294	550.17	--	Open Sea	Intergenic	
chr17	42,086,245	1.37E-02	2.96E-02	0.296	29.630	0.652	65.217	0.224	22.361	4.472	0.301	30.085	6.017	0.356	35.588	550.17	--	Open Sea	Intergenic	
chr17	43,759,051	1.79E-02	1.98E-02	0.778	77.778	0.500	50.000	0.126	12.600	2.520	0.200	20.736	4.147	-0.278	-27.778	551.17	--	Open Sea	Intergenic	
chr17	43,759,098	1.90E-02	2.14E-03	0.769	76.923	0.520	52.000	0.222	22.181	4.436	0.203	20.308	4.062	-0.249	-24.923	551.17	--	Open Sea	Intergenic	
chr17	43,759,109	1.53E-02	2.14E-03	0.721	72.131	0.481	48.148	0.195	19.526	3.905	0.213	21.339	4.268	-0.240	-23.983	551.17	--	Open Sea	Intergenic	
chr17	44,309,899	2.37E-02	9.02E-02	0.870	86.957	0.594	59.375	0.110	10.963	2.193	0.310	31.002	6.200	-0.276	-27.582	552.17	CG	Open Sea	Intergenic	
chr17	44,310,439	3.12E-01	0.150	15.000	0.559	55.882	0.432	43.243	8.649	0.131	13.062	2.612	0.409	40.382	552.17	CG nearby	Open Sea	Intergenic		
chr17	45,932,831	1.62E-02	3.15E-01	0.226	22.581	0.577	57.692	0.201	20.113	4.023	0.234	23.370	4.674	0.351	35.112	553.17	Check manually	Open Sea	Intergenic	
chr17	45,932,983	2.93E-02	2.84E-01	0.647	64.706	0.802	80.220	0.129	12.852	2.570	0.221	22.139	4.428	0.155	15.514	553.17	--	Open Sea	Intergenic	
chr17	46,465,600	1.05E-02	2.17E-02	0.750	75.000	0.869	86.861	0.049	4.917	0.983	0.034	3.371	0.674	0.119	11.861	554.17	--	Open Sea	Intergenic	
chr17	46,465,610	4.07E-03	1.24E-02	0.826	82.590	0.813	81.250	0.146	11.896	0.146	0.146	14.594	0.187	0.187	18.660	554.17	Check manually	Open Sea	Intergenic	
chr17	46,465,633	4.60E-03	1.24E-02	0.813	81.304	0.441	44.144	0.078	7.802	1.560	0.030	3.044	0.609	0.128	12.840	554.17	Check manually	Open Sea	Intergenic	
chr17	47,731,400	8.82E-03	5.21E-01	0.462	46.154	0.162	16.216	0.266	26.612	5.322	0.105	10.542	2.108	-0.299	-29.938	555.17	--	Open Sea	Intron 5/8	Pgc
chr17	47,731,466	2.68E-02	2.64E-01	0.675	67.532	0.443	44.262	0.093	9.282	1.856	0.218	21.832	4.366	-0.233	-23.270	555.17	--	Open Sea	Intron 5/8	Pgc
chr17	47,732,297	3.45E-02	0.68E-02	0.675	67.532	0.443	44.262	0.093	9.282	1.856	0.218	21.832	4.366	-0.233	-23.270	555.17	--	Open Sea	Intron 5/8	Pgc
chr17	51,430,282	4.56E-02	2.12E-02	0.675	67.500	0.867	86.667	0.112	11.205	2.241	0.162	16.213	3.243	0.193	19.167	556.17	CG nearby	Open Sea	Intergenic	
chr17	52,341,405	1.33E-05	5.85E-04	0.833	83.395	0.395	39.474	0.208	20.825	4.165	0.211	21.076	4.215	0.311	31.140	557.17	CC	Open Sea	Intergenic	
chr17	52,341,492	3.55E-02	2.60E-04	0.118	11.765	0.333	33.333	0.090	8.980	1.796	0.089	8.909	1.782	0.216	21.569	557.17	TC	Open Sea	Intergenic	
chr17	55,790,963	1.36E-02	1.36E-02	0.692	69.206	0.710	70.968	0.060	6.042	1.154	0.062	6.042	1.154	0.062	6.042	558.17	--	Open Sea	Intergenic	
chr17	55,790,975	3.74E-02	1.36E-02	0.627	62.687	0.794	79.365	0.307	30.696	6.139	0.409	4.916	0.983	0.167	16.679	558.17	--	Open Sea	Intergenic	
chr17	60,166,089	4.85E-02	4.86E-02	0.520	52.000	0.294	29.074	0.581	0.219	21.925	4.385	-0.280	-28.000	-28.000	-28.000	559.17	--	Open Sea	Intergenic	
chr17	60,166,102	4.11E-02	4.86E-02	0.467	46.667	0.214	21.429	0.275	27.479	5.496	0.147	14.710	2.942	-0.252	-25.238	559.17	--	Open Sea	Intergenic	
chr17	61,098,982	4.89E-02	5.53E-02	0.692	69.206	0.808	80.808	0.187	18.704	3.741	0.150	15.000	3.000	0.308	30.769	560.17	CA	Open Sea	Intergenic	
chr17	61,098,778	1.36E-02	5.98E-02	0.500	50.000	0.808	80.769	0.187	18.704	3.741	0.150	15.000	3.000	0.308	30.769	560.17	CA	Open Sea	Intergenic	
chr17	61,146,436	2.21E-02	2.11E-01	0.435	43.478	0.735	73.529	0.268	26.816	5.363	0.116	11.558	2.312	0.301	30.051	561.17	--	Open Sea	Intergenic	
chr17	61,146,486	3.12E-02	9.64E-02	0.586	58.621	0.829	82.857	0.210	20.993	4.199	0.125	12.525	2.505	0.242	24.236	561.17	--	Open Sea	Intergenic	
chr17	61,400,780	1.40E-02	1.73E-02	0.413	41.303	0.197	19.747	0.340	34.011	7.029	0.029	2.949	0.029	0.029	18.419	562.17	--	Open Sea	Intergenic	
chr17	61,401,368	2.39E-02	2.39E-02	0.400	40.000	0.744	74.359	0.283	28.269	5.654	0.143	14.308	2.862	0.344	34.359	562.17	--	Open Sea	Intergenic	
chr17	61,927,725	1.93E-02	4.18E-01	0.410	40.952	0.591	59.140	0.284	28.424	5.685	0.095	9.452	1.890	0.182	18.187	563.17	--	Open Sea	Intergenic	
chr17	61,928,113	4.59E-02	4.59E-02	0.667	66.667	0.417	41.667	0.139	13.912	2.782	0.234	23.356	4.671	-0.250	-25.000	563.17	--	Open Sea	Intergenic	
chr17	63,016,036	3.03E-02	3.03E-02	0.600	60.000	0.829	82.927	0.141	14.064	2.813	0.053	5.312	1.062	-0.229	-22.927	564.17	CG nearby	Open Sea	Intergenic	
chr17	63,016,132	2.09E-02	1.33E-01	0.600	60.000	0.829	82.927	0.141	14.064	2.813	0.053	5.312	1.062	-0.229	-22.927	564.17	CG nearby	Open Sea	Intergenic	
chr17	63,574,114	2.98E-02	5.09E-02	0.857	85.714	0.650	65.000	0.106	10.643	2.129	0.233	23.344	4.669	-0.207	-20.714	565.17	Check manually	Open Sea	Intergenic	
chr17	63,574,165	1.54E-02	7.89E-02	0.403	40.323	0.619	61.905	0.303	30.143	6.029	0.055	5.524	1.105	0.216	21.582	565.17	Check manually	Open Sea	Intergenic	
chr17	70,963,851	1.27E-03	1.32E-02	0.122	12.195	0.514	51.429	0.122	12.195	13.863	0.247	24.721	4.944	0.392	39.213	566.17	--	Open Sea	Intergenic	
chr17	70,963,856	7.98E-03	1.32E-02	0.158	15.789	0.528	52.778	0.172	17.168	3.434	0.235	23.455	4.691	0.370	36.988	566.17	--	Open Sea	Intergenic	
chr17	72,995,361	6.02E-03	6.39E-06	0.333	33.333	0.720	72.000	0.172	17.218	3.444	0.140	13.966	2.793	0.387	38.667	567.17	TC	Open Sea	Intergenic	
chr17	72,995,378	3.66E-03	6.39E-06	0.115	11.538	0.480	48.000	0.094	9.362	1.872	0.266	26.588	5.318	0.385	36.462	567.17	CA	Open Sea	Intergenic	
chr17	76,246,279	1.34E-02	1.14E-04	0.516	51.613	0.380	38.000	0.132	13.175	2.635	0.084	8.375	1.675	0.280	28.047	568.17	--	Open Sea	Intergenic	
chr17	76,246,374	1.34E-02	1.14E-04	0.516	51.613	0.806	80.556	0.132	13.175	2.635	0.128	12.775	2.555	0.289	28.943	568.17	CG	Open Sea	Intergenic	
chr17	76,246,391	1.66E-02	1.14E-04	0.400	40.000	0.694	69.444	0.128	12.773	3.551	0.127	12.713	2.543	0.294	29.444	568.17	--	Open Sea	Intergenic	
chr17	76,562,021	3.94E-02	1.88E-01	0.864	86.364	0.618	61.765	0.271	27.083	4.417	0.196	19.553	3.911	-0.246	-24.599	569.17	--	Open Sea	Intergenic	
chr17	76,562,290	1.95E-02	1.95E-02	0.692	69.206	0.883	88.290	0.140	13.965	2.794	0.156	15.794	3.000	0.300	30.000	569.17	--	Open Sea	Intergenic	

chr18	17,971,040	3.82E-02	1.21E-03	0.693	69.291	0.805	80.451	0.155	15.491	3.098	0.158	15.814	3.163	0.112	11.160	585.18	--	Open Sea	Intergenic	
chr18	18,020,838	8.91E-03	1.85E-03	0.444	44.444	0.689	68.919	0.152	15.236	3.047	0.111	11.065	2.213	0.245	24.474	586.18	CT	Open Sea	Intergenic	
chr18	18,020,658	1.85E-02	1.85E-03	0.444	44.444	0.689	68.919	0.152	15.236	3.047	0.111	11.065	2.213	0.245	24.474	586.18	CT	Open Sea	Intergenic	
chr18	18,021,728	3.95E-02	3.48E-01	0.636	63.636	0.853	85.291	0.194	19.372	3.874	0.080	7.972	1.594	0.217	21.658	587.18	CG nearby	Open Sea	Intergenic	
chr18	18,123,582	3.70E-02	3.70E-02	0.813	81.250	0.671	67.059	0.371	37.076	7.415	0.184	16.357	3.271	-0.142	-14.191	587.18	--	Open Sea	Intergenic	
chr18	19,070,988	2.07E-02	2.18E-02	0.848	84.848	0.596	59.574	0.103	10.276	2.055	0.263	26.275	5.255	-0.253	-25.274	588.18	CA	Open Sea	Intergenic	
chr18	19,071,887	2.03E-02	2.23E-01	0.630	63.030	0.591	59.074	0.103	10.276	2.055	0.263	26.275	5.255	-0.253	-25.274	588.18	CG nearby	Open Sea	Intergenic	
chr18	19,354,047	3.14E-02	3.29E-01	0.636	63.636	0.826	82.609	0.151	15.137	3.027	0.136	13.592	2.718	0.190	18.972	589.18	--	Open Sea	Intergenic	
chr18	19,354,109	1.55E-02	3.29E-01	0.534	53.448	0.760	76.000	0.080	8.037	1.607	0.093	9.327	1.865	0.226	22.552	589.18	--	Open Sea	Intergenic	
chr18	23,340,554	9.12E-03	8.42E-03	0.650	65.000	0.379	37.931	0.097	9.675	1.935	0.184	16.400	3.280	-0.271	-27.069	590.18	ag	Open Sea	Intergenic	
chr18	23,340,597	8.64E-02	8.42E-03	0.650	65.000	0.379	37.931	0.097	9.675	1.935	0.184	16.400	3.280	-0.271	-27.069	590.18	ag	Open Sea	Intergenic	
chr18	24,122,400	6.67E-03	2.50E-01	0.783	78.261	0.350	35.000	0.274	27.408	5.482	0.205	20.523	4.105	-0.433	-43.261	591.18	CT	S Shore	TSS 1500	
chr18	24,122,462	3.90E-02	2.50E-01	0.242	24.242	0.486	48.571	0.156	15.587	3.117	0.207	20.673	4.135	0.243	24.329	591.18	ca	S Shore	TSS 1500	
chr18	27,780,434	3.92E-02	8.80E-02	0.520	52.000	0.818	81.818	0.326	32.558	6.512	0.149	14.879	2.976	0.298	29.818	592.18	CA	Open Sea	Intergenic	
chr18	27,780,453	3.37E-02	3.35E-01	0.636	63.636	0.826	82.609	0.151	15.137	3.027	0.136	13.592	2.718	0.190	18.972	592.18	CA	Open Sea	Intergenic	
chr18	28,241,849	1.20E-02	1.48E-01	0.655	65.517	0.851	85.075	0.135	13.455	2.691	0.080	8.012	1.602	0.196	19.557	593.18	--	Open Sea	Intergenic	
chr18	28,242,809	4.29E-02	5.39E-02	0.762	76.190	0.520	52.000	0.170	16.994	3.399	0.270	26.985	5.397	-0.242	-24.190	593.18	--	Open Sea	Intergenic	
chr18	28,346,405	8.59E-03	8.59E-03	0.512	51.163	0.783	78.261	0.294	29.417	5.883	0.081	8.052	1.610	0.271	27.098	594.18	--	Check manually	Open Sea	Intergenic
chr18	28,346,660	4.87E-02	4.87E-02	0.563	56.250	0.825	82.465	0.113	11.333	1.51	0.267	0.151	3.013	0.262	26.206	594.18	--	Open Sea	Intergenic	
chr18	28,553,882	3.34E-03	7.61E-02	0.778	77.778	0.400	40.000	0.169	16.913	3.383	0.212	21.224	4.245	-0.378	-37.778	595.18	--	Open Sea	Intergenic	
chr18	28,553,929	3.78E-02	7.61E-02	0.872	87.179	0.688	68.750	0.074	7.364	1.473	0.156	15.573	3.115	-0.194	-18.429	595.18	--	Open Sea	Intergenic	
chr18	29,423,872	3.11E-02	3.72E-03	0.240	24.000	0.514	51.429	0.377	37.712	7.542	0.174	17.392	3.478	0.274	27.429	596.18	CA	Open Sea	Intergenic	
chr18	29,423,046	2.63E-02	3.72E-03	0.313	31.250	0.625	62.500	0.237	23.699	4.740	0.383	38.266	7.653	0.313	31.250	596.18	TG	Open Sea	Intergenic	
chr18	31,303,790	3.02E-02	3.48E-02	0.464	46.429	0.783	78.261	0.278	27.760	5.552	0.206	20.554	4.111	0.318	31.832	597.18	TG	Open Sea	Intron 1/4	
chr18	31,303,829	2.15E-02	3.48E-02	0.121	12.121	0.394	39.394	0.214	21.396	4.279	0.211	21.115	4.223	0.273	27.273	597.18	--	Check manually	Open Sea	Intron 1/4
chr18	33,051,304	2.71E-02	1.26E-01	0.804	80.435	0.596	59.574	0.083	8.316	1.663	0.210	21.033	4.207	-0.209	-20.860	598.18	--	Open Sea	Intergenic	
chr18	33,051,310	1.60E-02	1.26E-01	0.804	80.435	0.596	59.574	0.083	8.316	1.663	0.210	21.033	4.207	-0.209	-20.860	598.18	--	Open Sea	Intergenic	
chr18	33,383,458	3.73E-03	9.85E-02	0.607	60.714	0.842	84.211	0.125	12.550	2.510	0.128	12.792	2.558	0.239	23.496	599.18	--	N Shore	Intergenic	
chr18	33,383,687	4.97E-02	9.51E-02	0.545	54.545	0.808	80.769	0.139	13.944	2.789	0.208	20.572	4.114	0.262	26.224	599.18	CA	N Shore	Intergenic	
chr18	34,325,710	4.09E-02	6.33E-02	0.833	83.333	0.500	50.000	0.253	25.251	3.953	0.075	7.542	3.521	0.243	24.329	600.18	--	Open Sea	Intergenic	
chr18	34,326,398	4.97E-02	4.78E-01	0.748	74.809	0.641	64.103	0.083	8.259	1.652	0.249	4.877	0.975	-0.107	-10.707	600.18	--	Open Sea	Intergenic	
chr18	34,958,854	3.20E-02	3.05E-02	0.617	61.667	0.447	47.388	0.178	17.763	3.553	0.149	14.944	2.989	-0.143	-14.298	601.18	--	S Shelf	Intergenic	
chr18	34,958,857	4.18E-03	3.05E-02	0.459	45.902	0.220	22.024	0.272	27.172	5.434	0.086	8.556	1.711	-0.239	-23.868	601.18	--	S Shelf	Intergenic	
chr18	39,017,619	4.23E-02	4.23E-02	0.826	82.609	0.567	56.667	0.417	41.660	8.332	0.283	28.256	5.651	-0.259	-25.942	602.18	--	Open Sea	Intron 1/22	
chr18	39,017,619	4.23E-02	4.23E-02	0.826	82.609	0.567	56.667	0.417	41.660	8.332	0.283	28.256	5.651	-0.259	-25.942	602.18	--	Open Sea	Intron 1/22	
chr18	39,017,840	3.59E-02	9.36E-02	0.406	40.625	0.148	14.815	0.250	24.971	4.994	0.156	15.590	3.118	-0.258	-25.810	602.18	AC	Open Sea	Intron 1/22	
chr18	39,017,840	3.59E-02	9.36E-02	0.406	40.625	0.148	14.815	0.250	24.971	4.994	0.156	15.590	3.118	-0.258	-25.810	602.18	AC	Open Sea	Intron 1/22	
chr18	39,301,825	6.72E-02	6.72E-02	0.250	25.000	0.750	75.000	0.425	42.492	8.498	0.231	23.070	4.614	0.500	50.000	603.18	GA	Open Sea	Intron 1/22	
chr18	39,301,825	6.72E-02	6.72E-02	0.250	25.000	0.750	75.000	0.425	42.492	8.498	0.231	23.070	4.614	0.500	50.000	603.18	GA	Open Sea	Intron 1/22	
chr18	39,301,828	1.48E-02	6.72E-05	0.250	25.000	0.750	75.000	0.425	42.492	8.498	0.231	23.070	4.614	0.500	50.000	603.18	GA	Open Sea	Intron 1/22	
chr18	39,301,828	3.29E-02	6.72E-05	0.261	26.087	0.696	69.565	0.393	39.314	7.863	0.339	33.903	6.781	0.435	43.478	603.18	CC	Open Sea	Intron 19/22	
chr18	39,301,828	3.29E-02	6.72E-05	0.261	26.087	0.696	69.565	0.393	39.314	7.863	0.339	33.903	6.781	0.435	43.478	603.18	CC	Open Sea	Intron 19/22	
chr18	39,301,828	3.29E-02	6.72E-05	0.261	26.087	0.696	69.565	0.393	39.314	7.863	0.339	33.903	6.781	0.435	43.478	603.18	CC	Open Sea	Intron 19/22	
chr18	39,663,113	2.55E-02	2.55E-02	0.593	59.259	0.857	85.714	0.221	22.054	4.411	0.140	13.963	2.793	0.265	26.455	604.18	CT	Open Sea	Intergenic	
chr18	39,663,389	4.62E-02	1.11E-01	0.746	74.648	0.592	59.211	0.120	12.009	2.402	0.157	15.725	3.145	-0.154	-15.437	604.18	AC	Open Sea	Intergenic	
chr18	44,542,979	7.18E-02	7.18E-02	0.811	81.143	0.250	25.000	0.115	11.469	2.294	0.408	40.825	4.055	-0.571	-57.143	605.18	CA	Open Sea	Intergenic	
chr18	44,542,999	3.08E-02	1.01E-04	0.815	81.548	0.500	50.000	0.153	15.348	3.070	0.342	34.189	6.838	-0.315	-31.481	605.18	CC	Open Sea	Intron 3/18	
chr18	44,543,001	2.35E-02	1.01E-04	0.778	77.778	0.450	45.000	0.163	16.278	3.256	0.311	31.127	6.225	-0.328	-32.778	605.18	C-	Open Sea	Intron 3/18	
chr18	46,974,490	3.79E-02	3.63E-01	0.534	53.409	0.686	68.627	0.106	10.596	2.119	0.071	7.135	1.427	0.152	15.218	606.18	--	Open Sea	Intergenic	
chr18	46,974,827	2.49E-02	1.95E-02	0.200	20.000	0.340	34.046	0.200	20.000	1.579	0.045	4.525	0.905	0.149	14.940	606.18	--	Open Sea	Intergenic	
chr18	50,733,328	2.09E-02	3.18E-04	0.850	85.000	0.703	70.330	0.088	8.828	1.766	0.152	15.214	3.043	-0.147	-14.670	607.18	--	Open Sea	Intergenic	
chr18	50,733,450	4.06E-02	3.90E-03	0.670	66.990	0.798	79.817	0.179	17.886	3.577	0.036	3.619	0.724	0.128	12.826	607.18	--	Open Sea	Intergenic	
chr18	51,207,193	1.10E-02	6.53E-02	0.309	30.882	0.551	55.102	0.146	14.789	2.956	0.184	18.414	3.683	0.242	24.220	608.18	--	Check manually	Open Sea	Intergenic
chr18	51,207,229	6.53E-02	6.53E-02	0.309	30.882	0.551	55.102	0.146	14.789	2.956	0.184	18.414	3.683	0.242	24.220	608.18	--	Check manually	Open Sea	Intergenic
chr18	51,455,785	1.85E-02	1.16E-04	0.324	32.432	0.650	65.000	0.220	21.970	4.394	0.195	19.526	3.905	0.326	32.568	609.18	ct	Open Sea	Intergenic	
chr18	51,455,889	8.18E-04	1.16E-04	0.167	16.667	0.500	50.000	0.122	12.165	2.433	0.126	12.580	2.516	0.333	33.333	609.18	tg	Open Sea	Intergenic	
chr18	51,637,211	4.21E-02	2.95E-03	0.313	31.250	0.545	54.545	0.247	24.656	4.931	0.217	21.655	4.331	0.233	23.295	610.18	-G	Open Sea	Intergenic	
chr18	52,072,221	2.64E-02	2.95E-03	0.313	31.250	0.545	54.545	0.247	24.656	4.931	0.217	21.655	4.331	0.233	23.295	610.18	-G	Open Sea	Intergenic	
chr18	52,072,599	1.20E-02	3.62E-04	0.500	50.000	0.733	73.333	0.269	26.856	5.371	0.335	33.471	6.694</							

chr1	11,614,126	5.70E-03	9.52E-06	0.147	14,706	0.481	48,148	0.124	12,418	2.484	0.082	8,201	1.640	0.334	33,442	628.19	--	Open Sea	Intergenic	
chr1	11,614,132	1.46E-02	9.52E-06	0.129	12,903	0.444	44,444	0.164	16,432	3.286	0.312	31,247	6,249	0.315	31,541	628.19	--	Open Sea	Intergenic	
chr19	13,183,182	1.57E-02	1.59E-01	0.444	44,444	76,923	0.318	31,774	6.355	0.248	24,793	4,959	0.325	32,479	629.19	--	Open Sea	Intergenic		
chr19	13,183,533	1.57E-02	1.57E-02	0.444	44,444	76,923	0.318	31,774	6.355	0.248	24,793	4,959	0.325	32,479	629.19	--	Open Sea	Intergenic		
chr19	16,792,989	2.65E-02	6.65E-02	0.110	10,989	0.269	22,609	0.071	7,139	1.139	0.091	9,110	1,021	0.116	11,520	630.19	CA	Open Sea	Intergenic	
chr19	16,793,417	1.48E-02	1.59E-01	0.745	74,528	0.576	57,600	0.102	10,201	2.040	0.087	8,701	1,740	-0.169	-16,928	630.19	--	Open Sea	Intergenic	
chr19	17,407,956	2.58E-02	2.20E-02	0.500	50,000	0.792	79,167	0.330	33,008	6.602	0.197	19,674	3,935	0.292	29,167	631.19	--	Open Sea	Intergenic	
chr19	17,407,960	4.68E-02	2.20E-02	0.429	42,857	0.768	76,596	0.361	36,090	7.218	0.179	17,903	3,581	0.337	33,739	631.19	--	Open Sea	Intergenic	
chr19	17,875,702	9.31E-02	9.31E-02	0.500	50,000	0.792	79,167	0.330	33,008	6.602	0.197	19,674	3,935	0.292	29,167	631.19	Check manually	Open Sea	Intergenic	
chr19	17,875,736	6.88E-03	1.02E-01	0.143	14,286	0.533	53,333	0.125	12,516	1.216	0.079	20,917	4,183	0.390	39,048	632.19	gt	Open Sea	Intergenic	
chr19	19,702,961	9.65E-03	9.65E-03	0.605	60,526	0.842	84,211	0.210	21,011	4.202	0.103	10,289	2,058	0.237	23,684	633.19	Check manually	Open Sea	Intergenic	
chr19	19,703,911	1.14E-01	0.75E-02	0.440	44,000	0.750	75,000	0.140	14,000	21.781	0.217	21,731	4,346	0.310	31,000	633.19	CA	Open Sea	Intergenic	
chr19	19,723,577	2.77E-02	6.08E-01	0.500	50,000	0.750	75,000	0.140	14,000	21.781	0.217	21,731	4,346	0.310	31,000	633.19	CA	Open Sea	Intergenic	
chr19	19,723,791	0.30E-02	2.39E-01	0.333	33,333	0.660	60,000	0.229	22,921	4.684	0.164	16,434	3,287	0.267	26,667	634.19	ca	Open Sea	Intergenic	
chr19	20,008,907	1.65E-02	1.81E-01	0.381	38,095	0.759	75,862	0.322	32,160	6.432	0.225	22,511	4,502	0.378	37,767	635.19	AC	Open Sea	Intergenic	
chr19	20,009,281	1.73E-02	1.73E-02	0.500	50,000	0.750	75,000	0.140	14,000	21.781	0.217	21,731	4,346	0.310	31,000	635.19	TG	Open Sea	Intergenic	
chr19	24,474,455	1.12E-02	2.07E-03	0.396	39,583	0.667	66,667	0.220	22,039	4.408	0.172	17,180	3,436	0.271	27,083	636.19	tg	N Shelf	Open Sea	Intergenic
chr19	24,474,534	3.71E-02	2.07E-03	0.267	26,667	0.615	61,538	0.208	20,763	4.153	0.377	37,667	7,533	0.349	34,872	636.19	ca	N Shelf	TSS 2000	Pip5k1b
chr19	24,474,534	3.71E-02	2.07E-03	0.267	26,667	0.615	61,538	0.208	20,763	4.153	0.377	37,667	7,533	0.349	34,872	636.19	ca	N Shelf	Open Sea	Intergenic
chr19	30,716,348	1.94E-02	2.32E-02	0.906	90,586	0.722	72,222	0.189	18,906	4.153	0.377	37,667	7,533	0.349	34,872	636.19	ca	N Shelf	Open Sea	Intergenic
chr19	30,716,348	1.94E-02	2.32E-02	0.906	90,586	0.722	72,222	0.189	18,906	4.153	0.377	37,667	7,533	0.349	34,872	636.19	ca	N Shelf	Open Sea	Intergenic
chr19	30,812,532	4.49E-02	1.96E-01	0.875	87,500	0.884	88,888	0.190	19,000	1.980	0.066	6,642	1,328	0.101	10,145	637.19	CC	Open Sea	Intergenic	
chr19	30,812,888	4.57E-02	2.08E-01	0.608	60,784	0.824	82,353	0.188	18,836	3.117	0.182	18,831	3,766	0.216	21,569	638.19	Check manually	Open Sea	Intergenic	
chr19	30,812,888	4.57E-02	2.08E-01	0.608	60,784	0.824	82,353	0.188	18,836	3.117	0.182	18,831	3,766	0.216	21,569	638.19	Check manually	Open Sea	Intergenic	
chr19	31,159,326	2.52E-02	2.52E-02	0.218	21,818	0.444	44,444	0.115	11,502	2.300	0.239	23,793	4,759	0.226	22,626	639.19	CO nearby	Open Sea	Intergenic	
chr19	32,337,601	2.28E-02	2.67E-03	0.705	70,455	0.475	47,458	0.220	22,048	4.410	0.118	11,932	2,386	-0.230	-26,997	640.19	--	Open Sea	Intron 2/9	Sgms1
chr19	32,337,616	4.84E-02	2.67E-03	0.744	74,419	0.554	55,357	0.156	15,607	3.121	0.121	12,104	2,421	-0.191	-19,061	640.19	--	Open Sea	Intron 2/9	Sgms1
chr19	34,299,069	4.22E-02	2.02E-02	0.500	50,000	0.750	75,000	0.140	14,000	21.781	0.217	21,731	4,346	0.310	31,000	641.19	--	Open Sea	Intron 2/9	Fas
chr19	34,299,291	2.77E-02	1.65E-01	0.667	66,667	0.484	48,898	0.218	21,808	4.362	0.166	16,558	3,312	0.166	21,769	641.19	CA	Open Sea	Intron 1/8	Fas
chr19	39,162,372	4.22E-02	4.80E-02	0.593	59,259	0.321	32,143	0.199	19,932	3.896	0.213	21,322	4,264	-0.271	-27,116	642.19	--	Open Sea	Intergenic	
chr19	39,162,497	3.73E-02	2.46E-02	0.711	71,111	0.883	88,333	0.094	9,394	1.879	0.103	10,317	2,063	0.172	17,222	642.19	--	Open Sea	Intergenic	
chr19	40,525,981	5.59E-02	4.80E-01	0.591	59,259	0.321	32,143	0.199	19,932	3.896	0.213	21,322	4,264	-0.271	-27,116	642.19	ca	Open Sea	Intergenic	
chr19	40,526,026	2.35E-02	4.43E-02	0.690	69,866	0.357	35,714	0.171	17,135	3.427	0.289	28,860	5,772	-0.333	-33,251	643.19	CO nearby	Open Sea	Intergenic	
chr19	41,392,657	1.32E-02	3.67E-03	0.372	37,209	0.531	53,077	0.119	11,932	2.386	0.118	11,803	2,386	0.159	15,868	644.19	--	Open Sea	Intergenic	
chr19	41,392,851	4.99E-02	2.89E-04	0.435	43,519	0.603	60,577	0.087	8,738	1.448	0.095	9,543	1,909	0.171	17,058	644.19	--	Open Sea	Intergenic	
chr19	41,392,954	3.40E-03	3.40E-03	0.605	60,526	0.769	76,923	0.318	31,774	6.355	0.248	24,793	4,959	0.325	32,479	644.19	Check manually	Open Sea	Intergenic	
chr19	43,576,320	4.00E-02	3.78E-02	0.567	56,731	0.706	70,720	0.078	7,553	1.553	0.101	10,074	2,015	0.135	13,540	645.19	--	Open Sea	Intergenic	
chr19	43,576,509	1.58E-02	4.26E-01	0.426	42,647	0.667	66,667	0.141	14,129	2.826	0.340	33,960	6,792	0.240	24,020	645.19	--	Open Sea	Intergenic	
chr19	49,704,521	1.40E-02	5.85E-02	0.734	73,438	0.518	51,786	0.140	14,008	2.801	0.107	10,748	2,149	-0.217	-21,652	646.19	--	Open Sea	Intergenic	
chr19	49,704,625	5.85E-02	5.85E-02	0.500	50,000	0.750	75,000	0.140	14,000	21.781	0.217	21,731	4,346	0.310	31,000	646.19	--	Open Sea	Intergenic	
chr19	49,811,945	6.88E-03	1.79E-03	0.682	68,888	0.631	63,128	0.093	9,278	1.477	0.056	5,561	1,122	0.149	14,881	646.19	--	Open Sea	Intergenic	
chr19	49,812,036	4.59E-02	1.79E-03	0.509	50,909	0.392	39,241	0.117	11,697	2.339	0.081	8,142	1,618	-0.117	-11,689	647.19	--	Open Sea	Intergenic	
chr19	51,593,935	3.66E-02	5.61E-01	0.720	72,043	0.849	84,884	0.139	13,901	2.780	0.081	8,123	1,625	0.128	12,841	648.19	--	Open Sea	Intergenic	
chr19	51,594,243	4.30E-02	5.61E-01	0.720	72,043	0.849	84,884	0.139	13,901	2.780	0.081	8,123	1,625	0.128	12,841	648.19	--	Open Sea	Intergenic	
chr19	53,751,221	1.48E-02	1.76E-01	0.794	79,426	0.881	88,075	0.031	3,145	0.269	0.089	8,885	1,777	-0.114	-11,351	649.19	--	Open Sea	Intergenic	
chr19	53,751,441	2.67E-02	1.62E-02	0.500	50,000	0.750	75,000	0.140	14,000	21.781	0.217	21,731	4,346	0.310	31,000	649.19	--	Open Sea	Intergenic	
chr19	56,336,632	7.68E-03	1.90E-03	0.319	31,915	0.623	64,286	0.337	33,703	6.421	0.126	20,460	4,082	-0.324	-32,371	650.19	Check manually	Open Sea	Intergenic	
chr19	56,336,632	7.68E-03	1.90E-03	0.319	31,915	0.623	64,286	0.337	33,703	6.421	0.126	20,460	4,082	-0.324	-32,371	650.19	Check manually	Open Sea	Intergenic	
chr19	59,362,561	3.42E-03	1.35E-03	0.159	15,909	0.464	46,429	0.149	14,888	2.978	0.117	11,699	2,340	0.305	30,519	651.19	TG	Open Sea	Intergenic	
chr19	59,362,569	3.30E-03	1.35E-03	0.178	17,778	0.466	46,552	0.120	12,036	2.407	0.118	11,823	2,386	0.288	28,774	651.19	TA	Open Sea	Intergenic	
chr19	59,362,609	3.08E-03	1.35E-03	0.279	27,869	0.535	53,521	0.146	14,611	2.922	0.103	10,313	2,063	0.257	20,565	651.19	--	Open Sea	Intergenic	
chr2	3,657,009	6.87E-02	6.87E-02	0.841	84,111	0.513	51,347	0.289	28,896	5.772	0.289	28,896	5,772	-0.333	-33,251	652.19	--	Open Sea	Intergenic	
chr2	3,657,043	3.31E-02	6.87E-02	0.872	86,207	0.591	59,091	0.121	12,079	2.916	0.361	36,150	7,203	-0.271	-27,116	652.19	--	Open Sea	Intergenic	
chr2	8,421,482	1.64E-02	5.08E-01	0.775	77,193	0.561	56,140	0.126	12,466	4.093	0.096	9,605	1,921	-0.211	-21,053	653.19	ca	Open Sea	Intergenic	
chr2	8,422,210	1.90E-02	4.91E-02	0.782	78,462	0.586	58,621	0.125	12,466	4.093	0.096	9,605	1,921	-0.211	-21,053	653.19	--	Open Sea	Intergenic	
chr2	10,177,039	4.71E-02	4.71E-02	0.458	45,833	0.314	31,394	0.186	18,634	3.121	0.121	12,104	2,421	-0.191	-19,061	654.19	--	Open Sea	Intergenic	
chr2	9,177,632	1.77E-02	1.57E-02	0.333	33,333	0.680	68,000	0.134	13,365	3.673	0.366	36,609	7,322	0.347	34,667	654.19	-G	Open Sea	Intergenic	
chr2	10,812,987	4.71E-02	4.71E-02	0.827	82,892	0.714	71,429	0.103	10,304	2.061	0.150	15,004	3,001	-0.113	-11,264	655.19	--	Open Sea	Intergenic	
chr2	10,813,533	2.56E-03	1.30E-01	0.639	63,889	0.227														

ch2	57,212,169	1.57E-03	1.52E-03	0.226	22.642	0.476	47.619	0.147	14.655	2.931	0.221	22.142	4.428	0.250	24.978	675.2	--	N Shelf	Intergenic	
ch2	57,212,185	1.52E-02	1.52E-03	0.164	16.393	0.380	37.975	0.138	13.827	2.765	0.186	18.590	3.718	0.216	21.581	675.2	--	N Shelf	Intergenic	
ch2	58,161,021	6.05E-02	6.05E-02	0.825	82.456	0.649	64.912	0.181	18.157	3.626	0.198	18.757	3.751	0.175	-17.544	676.2	TG	Open Sea	Cyp	
ch2	58,161,021	3.69E-02	6.05E-02	0.825	82.456	0.649	64.912	0.181	18.126	3.625	0.186	18.757	3.751	-0.175	-17.544	676.2	TG	Open Sea	Intron 1/7	
ch2	58,161,021	3.69E-02	6.05E-02	0.825	82.456	0.649	64.912	0.181	18.126	3.625	0.186	18.757	3.751	-0.175	-17.544	676.2	TG	Open Sea	Intron 1/8	
ch2	58,161,025	4.40E-02	6.05E-02	0.825	82.456	0.607	60.714	0.158	15.843	3.169	0.137	13.727	2.745	-0.217	-21.742	676.2	TT	Open Sea	TSS 1500	
ch2	58,161,025	4.40E-02	6.05E-02	0.825	82.456	0.607	60.714	0.158	15.843	3.169	0.137	13.727	2.745	-0.217	-21.742	676.2	TT	Open Sea	TSS 1500	
ch2	58,161,025	4.40E-02	6.05E-02	0.825	82.456	0.607	60.714	0.158	15.843	3.169	0.137	13.727	2.745	-0.217	-21.742	676.2	TT	Open Sea	TSS 1500	
ch2	58,161,034	6.80E-03	6.05E-02	0.722	72.222	0.462	46.154	0.123	12.273	2.455	0.229	22.927	4.585	-0.261	-26.068	676.2	C-	Open Sea	Cyp	
ch2	58,161,034	6.80E-03	6.05E-02	0.722	72.222	0.462	46.154	0.123	12.273	2.455	0.229	22.927	4.585	-0.261	-26.068	676.2	C-	Open Sea	Cyp	
ch2	58,336,779	5.47E-03	2.17E-05	0.085	8.475	0.286	28.571	0.065	6.471	1.294	0.092	9.185	1.837	0.201	20.097	677.2	Check manually	Open Sea	Intron 1/8	
ch2	58,336,803	2.47E-02	2.01E-05	0.133	13.333	0.309	30.909	0.401	40.085	8.017	0.088	9.759	1.952	0.176	17.576	677.2	ct	Open Sea	Intron 1/8	
ch2	61,068,603	3.79E-03	5.93E-03	0.281	28.070	0.594	59.375	0.143	14.291	2.858	0.187	18.699	3.740	0.313	31.305	678.2	--	Open Sea	Intergenic	
ch2	61,068,602	3.21E-02	7.34E-04	0.089	88.889	0.157	15.683	0.132	13.227	2.931	0.088	8.613	1.723	0.152	15.205	678.2	--	Open Sea	Intergenic	
ch2	61,111,157	2.36E-02	1.87E-04	0.140	13.953	0.375	37.500	0.074	7.441	1.488	0.173	17.253	3.451	0.235	23.547	679.2	Check manually	Open Sea	Intergenic	
ch2	61,111,219	3.88E-02	5.08E-04	0.103	10.256	0.342	34.211	0.096	9.569	1.914	0.235	23.542	4.708	0.240	23.954	679.2	Check manually	Open Sea	Intergenic	
ch2	61,111,250	6.05E-03	5.08E-04	0.097	9.677	0.462	46.154	0.393	20.79	2.079	0.271	27.551	5.510	0.365	36.476	679.2	Check manually	Open Sea	Intergenic	
ch2	63,737,005	2.41E-02	2.41E-01	0.891	89.130	0.629	62.857	0.112	11.244	2.240	0.181	18.104	3.621	-0.263	-26.273	680.2	TT	Open Sea	Intergenic	
ch2	63,737,932	2.41E-02	2.41E-02	0.452	45.161	0.733	73.333	0.110	10.994	2.199	0.348	34.763	6.953	0.282	28.172	680.2	--	Open Sea	Intergenic	
ch2	64,118,106	4.01E-02	1.44E-04	0.577	57.692	0.828	82.759	0.214	21.369	4.274	0.183	18.316	3.663	0.251	25.066	681.2	--	Check manually	Open Sea	Intergenic
ch2	64,118,209	3.26E-04	1.44E-04	0.411	41.066	0.767	76.867	0.115	11.463	2.293	0.125	12.525	2.505	0.356	35.571	681.2	--	Open Sea	Intergenic	
ch2	64,769,828	1.21E-02	1.21E-01	0.442	44.186	0.637	63.725	0.123	12.270	2.454	0.056	5.554	1.111	0.195	19.539	682.2	ta	Open Sea	Intergenic	
ch2	64,769,849	3.50E-02	1.21E-01	0.396	39.604	0.551	55.140	0.123	12.250	2.450	0.147	14.703	2.941	0.155	15.536	682.2	GA	Open Sea	Intergenic	
ch2	66,648,727	4.10E-02	3.23E-01	0.718	71.795	0.897	89.744	0.136	13.645	2.729	0.096	9.569	1.914	0.179	17.949	683.2	--	Open Sea	Intergenic	
ch2	66,648,689	1.66E-02	2.80E-02	0.717	71.717	0.873	87.302	0.163	16.277	3.655	0.058	5.646	1.169	0.156	15.584	683.2	CC	Open Sea	Intergenic	
ch2	68,114,371	1.84E-03	7.66E-03	0.581	67.133	0.759	75.861	0.590	59.077	1.920	0.055	5.488	1.020	0.127	12.729	684.2	Check manually	Open Sea	Intergenic	
ch2	68,114,375	1.79E-03	2.51E-03	0.757	57.042	0.757	76.876	0.164	16.383	3.277	0.078	7.806	1.561	0.186	16.633	684.2	--	Open Sea	Intergenic	
ch2	68,243,794	2.04E-02	1.24E-02	0.816	81.579	0.646	64.557	0.103	10.293	2.059	0.097	9.682	1.936	-0.170	-17.022	685.2	TG	Open Sea	Intron 16/17	
ch2	68,243,951	4.27E-02	2.15E-01	0.718	71.795	0.897	89.744	0.136	13.645	2.729	0.096	9.569	1.914	0.179	17.949	685.2	CA	Open Sea	Intergenic	
ch2	68,317,610	2.10E-02	2.82E-03	0.775	77.500	0.500	50.000	0.143	14.204	2.859	0.299	25.940	5.188	-0.275	-27.500	686.2	--	Open Sea	Intron 10/17	
ch2	68,317,617	2.02E-02	2.82E-03	0.610	60.976	0.289	28.923	0.150	15.039	3.008	0.231	23.132	4.626	-0.341	-34.053	686.2	--	Open Sea	Intron 10/17	
ch2	78,255,400	3.55E-02	2.26E-02	0.571	57.143	0.784	78.431	0.215	21.498	4.300	0.022	2.167	0.433	0.213	21.289	687.2	TT	Open Sea	Intergenic	
ch2	78,255,477	2.43E-02	2.26E-02	0.642	64.200	0.702	70.000	0.062	6.181	1.59	0.278	2.78	0.514	0.258	25.814	687.2	TA	Open Sea	Intergenic	
ch2	81,255,147	2.80E-02	2.80E-02	0.593	59.259	0.833	83.333	0.172	17.206	3.441	0.175	17.501	3.500	0.241	24.074	688.2	--	Open Sea	Intergenic	
ch2	81,255,521	1.94E-02	4.97E-02	0.833	83.333	0.604	60.377	0.134	13.439	2.688	0.202	20.202	4.040	-0.230	-22.956	688.2	--	Open Sea	Intergenic	
ch2	81,709,819	3.00E-02	3.00E-02	0.552	55.172	0.840	84.000	0.218	21.752	4.350	0.231	23.113	4.623	0.288	28.828	689.2	--	Open Sea	Intergenic	
ch2	81,709,694	4.26E-02	3.00E-02	0.552	55.172	0.840	84.000	0.218	21.752	4.350	0.231	23.113	4.623	0.288	28.828	689.2	--	Open Sea	Intergenic	
ch2	82,229,413	3.72E-03	1.33E-02	0.746	74.590	0.889	88.889	0.038	3.765	0.753	0.061	6.077	1.215	0.143	14.299	690.2	--	Open Sea	Intergenic	
ch2	82,229,421	1.33E-02	1.33E-02	0.746	74.510	0.862	86.154	0.087	8.654	1.731	0.067	6.697	1.339	0.107	10.744	690.2	--	Open Sea	Intergenic	
ch2	82,421,175	3.72E-02	2.89E-03	0.684	68.354	0.481	48.148	0.207	20.716	4.143	0.047	4.706	0.941	-0.202	-20.206	691.2	--	Open Sea	Intergenic	
ch2	82,421,240	2.42E-02	2.89E-03	0.684	68.354	0.481	48.148	0.207	20.716	4.143	0.047	4.706	0.941	-0.202	-20.206	691.2	--	Open Sea	Intergenic	
ch2	82,832,194	2.69E-02	9.98E-05	0.300	30.000	0.571	57.143	0.196	19.615	3.923	0.136	13.627	2.725	0.271	27.143	692.2	TG	Open Sea	Intergenic	
ch2	82,832,197	3.85E-02	9.98E-05	0.276	27.586	0.528	52.778	0.380	37.990	7.598	0.123	12.300	2.460	0.252	25.192	692.2	TG	Open Sea	Intergenic	
ch2	83,238,802	1.68E-02	1.09E-02	0.625	62.500	0.848	84.783	0.205	20.468	4.094	0.101	10.113	2.023	0.223	22.283	693.2	--	Open Sea	Intergenic	
ch2	83,239,307	5.81E-02	0.36E-02	0.625	62.500	0.848	84.783	0.205	20.468	4.094	0.101	10.113	2.023	0.223	22.283	693.2	--	Open Sea	Intergenic	
ch2	83,740,463	4.11E-02	2.14E-02	0.552	55.224	0.739	73.913	0.205	20.454	4.091	0.248	24.819	4.964	0.187	16.689	694.2	TG	Open Sea	Intron 2/29	
ch2	83,740,463	4.11E-02	2.14E-02	0.552	55.224	0.739	73.913	0.205	20.454	4.091	0.248	24.819	4.964	0.187	16.689	694.2	TG	Open Sea	Intron 2/29	
ch2	83,740,463	1.39E-02	1.14E-02	0.413	41.270	0.681	68.085	0.310	31.009	6.202	0.172	17.208	3.442	0.268	26.815	694.2	AG	Open Sea	Intron 2/29	
ch2	83,740,462	1.39E-02	1.14E-02	0.413	41.270	0.681	68.085	0.310	31.009	6.202	0.172	17.208	3.442	0.268	26.815	694.2	AG	Open Sea	Intron 2/29	
ch2	84,938,995	8.96E-03	7.18E-04	0.734	73.418	0.500	50.000	0.142	14.152	2.830	0.180	17.983	3.597	-0.234	-23.418	695.2	--	Open Sea	Intron 3/12	
ch2	84,938,995	8.96E-03	7.18E-04	0.734	73.418	0.500	50.000	0.142	14.152	2.830	0.180	17.983	3.597	-0.234	-23.418	695.2	--	Open Sea	false intergenic	
ch2	84,938,995	8.96E-03	7.18E-04	0.734	73.418	0.500	50.000	0.142	14.152	2.830	0.180	17.983	3.597	-0.234	-23.418	695.2	--	Open Sea	false intergenic	
ch2	84,938,995	8.96E-03	7.18E-04	0.734	73.418	0.500	50.000	0.142	14.152	2.830	0.180	17.983	3.597	-0.234	-23.418	695.2	--	Open Sea	false intergenic	
ch2	84,938,028	1.33E-02	2.07E-03	0.778	77.778	0.589	58.879	0.108	10.833	2.167	0.139	13.946	2.789	-0.189	-18.899	695.2	--	Open Sea	Intron 3/12	
ch2	84,938,028	1.33E-02	2.07E-03	0.778	77.778	0.589	58.879	0.108	10.833	2.167	0.139	13.946	2.789	-0.189	-18.899	695.2	--	Open Sea	false intergenic	
ch2	84,938,028	1.33E-02	2.07E-03	0.778	77.778	0.589	58.879	0.108	10.833	2.167	0.139	13.946	2.789	-0.189	-18.899	695.2	--	Open Sea	false intergenic	
ch2	84,938,028	1.33E-02	2.07E-03	0.778	77.778	0.589	58.879	0.108	10.833	2.167	0.139	13.946	2.789	-0.189	-18.899	695.2	--	Open Sea	false intergenic	
ch2	85,924,564	4.42E-02	2.04E-02	0.545	54.545	0.726	72.581	0.223	22.301	4.460	0.357	35.744	7.149	0.180	18.035	696.2	--	Open Sea	Intergenic	
ch2	85,924,568	2.05E-02	2.04E-02	0.746	74.627	0.840	84.000	0.148	14.752	2.950	0.066	6.617	1.323	0.157	15.696	696.2	--	Open Sea	Intergenic	
ch2	87,113,731	4.33E-02	2.36E-03	0.634	63.448	0.763	76.301	0.183												

chr2	163,323,911	1.17E-02	1.42E-05	0.795	79.524	0.682	68.240	0.111	11.110	2.222	0.065	6.480	1.296	-0.113	-11.283	720.2	--	Open Sea	Intergenic	
chr2	163,324,051	7.99E-03	1.84E-03	0.781	78.125	0.447	44.737	0.184	18.420	3.684	0.269	26.887	5.377	-0.334	-33.388	720.2	--	Open Sea	Intergenic	
chr2	165,173,727	3.65E-02	3.39E-01	0.886	88.552	0.927	92.723	0.082	8.673	1.643	0.167	16.473	3.355	-0.168	-16.825	721.2	--	Open Sea	Intergenic	Chr2
chr2	165,174,503	3.73E-02	1.00E-01	0.688	68.841	0.555	55.474	0.158	15.819	3.164	0.155	15.467	3.093	-0.134	-13.366	721.2	--	S Shelf	Intron 2/11	Cdr22
chr2	169,298,188	3.15E-02	5.73E-03	0.800	80.000	0.476	47.619	0.419	41.874	8.375	0.354	35.443	7.089	-0.324	-32.381	722.2	--	Open Sea	Intergenic	
chr2	169,298,190	9.17E-03	5.73E-03	0.750	75.000	0.304	30.435	0.196	19.632	3.926	0.242	22.361	4.472	-0.446	-44.565	722.2	--	Open Sea	Intergenic	
chr2	169,655,943	3.40E-02	2.29E-01	0.370	37.037	0.643	64.286	0.242	24.164	4.833	0.272	27.174	5.435	-0.272	-27.249	723.2	--	Open Sea	Intergenic	Gm26883
chr2	169,655,943	3.40E-02	2.29E-01	0.370	37.037	0.643	64.286	0.242	24.164	4.833	0.272	27.174	5.435	-0.272	-27.249	723.2	--	Open Sea	Intergenic	Tsh2
chr2	169,655,890	3.60E-02	2.07E-02	0.571	57.143	0.772	77.193	0.205	20.467	4.093	0.126	12.577	2.515	-0.201	-20.050	723.2	--	Open Sea	Intron 2/2	Gm26883
chr2	171,806,764	3.31E-02	2.72E-02	0.598	59.756	0.743	74.312	0.204	20.410	4.082	0.046	4.569	0.914	-0.146	-14.556	724.2	--	Open Sea	Intergenic	Tsh2
chr2	172,293,680	3.37E-02	3.78E-02	0.786	78.571	0.894	89.423	0.184	18.427	3.685	0.069	6.939	1.388	-0.109	-10.852	725.2	--	Open Sea	Intergenic	
chr2	172,293,624	4.74E-02	4.99E-02	0.900	90.000	0.750	75.000	0.743	73.45	1.469	0.143	14.339	2.868	-0.150	-15.000	725.2	--	Open Sea	Intergenic	
chr2	172,401,110	4.14E-02	2.29E-02	0.868	78.769	0.574	57.377	0.228	22.827	4.565	0.161	16.104	3.221	-0.214	-21.411	726.2	--	Open Sea	Intergenic	
chr2	172,401,166	2.54E-02	2.29E-02	0.707	70.690	0.519	51.899	0.106	10.589	2.118	0.094	9.441	1.888	-0.188	-18.791	726.2	--	Open Sea	Intergenic	
chr2	172,596,550	1.89E-02	1.07E-01	0.861	86.111	0.577	57.692	0.125	12.453	2.491	0.298	29.814	5.963	-0.284	-28.419	727.2	--	Open Sea	Intergenic	
chr2	172,596,890	2.45E-02	2.45E-02	0.724	72.376	0.600	60.000	0.149	14.889	2.978	0.067	6.707	1.341	-0.124	-12.376	727.2	--	Open Sea	Intergenic	
chr2	173,164,609	1.35E-02	2.53E-04	0.886	88.636	0.636	63.636	0.091	9.077	1.815	0.188	18.833	3.576	-0.250	-25.000	728.2	--	Open Sea	Intergenic	
chr2	173,164,633	2.34E-03	9.29E-04	0.815	81.481	0.381	38.095	0.155	15.454	3.091	0.127	12.728	2.546	-0.434	-43.386	728.2	--	Open Sea	Intergenic	
chr2	173,586,315	1.36E-02	3.90E-04	0.505	50.467	0.310	30.986	0.130	12.956	2.591	0.104	10.435	2.087	-0.195	-19.481	729.2	--	N Shore	Intron 13/14	Ppp4r1-ps
chr2	173,586,315	1.36E-02	3.90E-04	0.505	50.467	0.310	30.986	0.130	12.956	2.591	0.104	10.435	2.087	-0.195	-19.481	729.2	--	N Shore	check manually	Ppp4r1-ps
chr2	173,586,315	1.36E-02	3.90E-04	0.505	50.467	0.310	30.986	0.130	12.956	2.591	0.104	10.435	2.087	-0.195	-19.481	729.2	--	N Shore	false intergenic	Ppp4r1-ps
chr2	173,586,337	6.24E-03	2.95E-03	0.612	61.224	0.394	39.394	0.075	7.490	1.498	0.108	10.836	2.167	-0.218	-21.831	729.2	--	N Shore	Intron 13/14	Ppp4r1-ps
chr2	173,586,337	6.24E-03	2.95E-03	0.612	61.224	0.394	39.394	0.075	7.490	1.498	0.108	10.836	2.167	-0.218	-21.831	729.2	--	N Shore	Intron 14/15	Ppp4r1-ps
chr2	173,586,337	6.24E-03	2.95E-03	0.612	61.224	0.394	39.394	0.075	7.490	1.498	0.108	10.836	2.167	-0.218	-21.831	729.2	--	N Shore	check manually	Ppp4r1-ps
chr2	173,586,337	6.24E-03	2.95E-03	0.612	61.224	0.394	39.394	0.075	7.490	1.498	0.108	10.836	2.167	-0.218	-21.831	729.2	--	N Shore	false intergenic	Ppp4r1-ps
chr2	173,586,365	3.44E-02	1.45E-03	0.548	54.808	0.390	39.861	0.172	17.225	3.445	0.068	6.822	1.364	-0.158	-15.847	729.2	--	N Shore	Intron 13/14	Ppp4r1-ps
chr2	173,586,365	3.44E-02	1.45E-03	0.548	54.808	0.390	39.861	0.172	17.225	3.445	0.068	6.822	1.364	-0.158	-15.847	729.2	--	N Shore	check manually	Ppp4r1-ps
chr2	173,586,365	3.44E-02	1.45E-03	0.548	54.808	0.390	39.861	0.172	17.225	3.445	0.068	6.822	1.364	-0.158	-15.847	729.2	--	N Shore	check manually	Ppp4r1-ps
chr2	173,586,365	3.44E-02	1.45E-03	0.548	54.808	0.390	39.861	0.172	17.225	3.445	0.068	6.822	1.364	-0.158	-15.847	729.2	--	N Shore	false intergenic	Ppp4r1-ps
chr2	173,586,375	2.11E-02	9.23E-04	0.605	60.526	0.420	42.045	0.291	29.144	5.829	0.076	7.620	1.524	-0.185	-18.481	729.2	--	N Shore	Intron 13/14	Ppp4r1-ps
chr2	173,586,375	2.11E-02	9.23E-04	0.605	60.526	0.420	42.045	0.291	29.144	5.829	0.076	7.620	1.524	-0.185	-18.481	729.2	--	N Shore	check manually	Ppp4r1-ps
chr2	173,586,375	2.11E-02	9.23E-04	0.605	60.526	0.420	42.045	0.291	29.144	5.829	0.076	7.620	1.524	-0.185	-18.481	729.2	--	N Shore	check manually	Ppp4r1-ps
chr2	173,586,375	2.11E-02	9.23E-04	0.605	60.526	0.420	42.045	0.291	29.144	5.829	0.076	7.620	1.524	-0.185	-18.481	729.2	--	N Shore	false intergenic	Ppp4r1-ps
chr2	176,768,500	9.30E-03	7.88E-04	0.500	50.000	0.671	67.143	0.135	13.453	2.691	0.080	8.006	1.601	-0.171	-17.143	730.2	--	Open Sea	Intergenic	
chr3	4,363,977	4.50E-03	1.03E-01	0.200	20.000	0.800	80.000	0.167	16.667	3.333	0.418	41.833	8.367	-0.600	-60.000	731.3	--	CG nearby	Open Sea	Intergenic
chr3	4,364,472	1.17E-02	2.74E-01	0.214	21.429	0.398	39.773	0.208	20.776	2.155	0.140	14.017	2.803	-0.183	-18.344	731.3	--	Open Sea	Intergenic	
chr3	5,860,349	3.04E-02	1.83E-03	0.148	14.815	0.263	26.263	0.141	24.085	4.817	0.034	3.425	0.685	-0.114	-11.448	732.3	--	N Shore	Intergenic	
chr3	5,860,351	1.68E-03	1.83E-03	0.175	17.483	0.309	30.769	0.155	15.515	3.067	0.094	3.329	0.404	-0.103	-10.387	732.3	--	N Shore	Intergenic	
chr3	7,342,995	8.29E-03	2.40E-03	0.294	29.412	0.640	64.000	0.214	16.413	3.283	0.236	23.570	4.714	-0.346	-34.588	733.3	--	Open Sea	Intergenic	
chr3	7,343,064	2.93E-02	2.40E-03	0.347	34.694	0.625	62.500	0.165	15.545	4.309	0.265	26.484	5.297	-0.278	-27.806	733.3	--	Open Sea	Intergenic	
chr3	7,599,133	4.68E-02	4.68E-02	0.556	55.556	0.800	80.000	0.274	27.396	5.477	0.205	20.466	4.093	-0.244	-24.444	734.3	--	Open Sea	Intergenic	
chr3	7,599,018	3.04E-02	8.00E-03	0.458	45.833	0.410	41.015	0.251	25.105	4.203	0.183	18.202	3.442	-0.142	-14.442	734.3	--	Open Sea	Intergenic	
chr3	11,361,638	1.73E-03	1.04E-01	0.419	41.935	0.778	77.778	0.274	27.394	5.479	0.248	24.208	4.842	-0.358	-35.842	735.3	--	Open Sea	Intergenic	
chr3	11,361,653	2.73E-02	1.04E-01	0.618	61.765	0.862	86.207	0.232	23.202	4.640	0.123	12.258	2.452	-0.244	-24.442	735.3	--	Open Sea	Intergenic	
chr3	11,608,460	2.28E-02	8.00E-03	0.379	37.931	0.696	69.585	0.325	32.498	6.500	0.190	19.017	3.803	-0.316	-31.634	736.3	--	Open Sea	Intergenic	
chr3	11,608,470	1.84E-02	8.00E-03	0.250	25.000	0.571	57.143	0.350	35.000	3.709	0.358	35.777	7.155	-0.321	-32.143	736.3	--	Open Sea	Intergenic	
chr3	12,711,037	1.74E-02	3.11E-01	0.647	64.706	0.828	82.813	0.168	16.762	3.352	0.159	15.914	3.183	-0.181	-18.107	737.3	--	Open Sea	Intergenic	
chr3	12,711,922	3.94E-02	3.94E-02	0.591	59.091	0.292	29.167	0.271	27.063	5.413	0.200	20.041	4.008	-0.299	-29.924	737.3	--	Open Sea	Intergenic	
chr3	13,021,450	2.98E-02	1.87E-01	0.763	76.316	0.512	51.220	0.244	24.428	4.886	0.139	13.877	2.775	-0.251	-25.096	738.3	--	Open Sea	Intergenic	
chr3	13,021,601	4.13E-02	8.19E-03	0.386	38.583	0.609	60.870	0.133	13.294	3.218	0.078	7.874	1.660	-0.213	-21.285	738.3	--	Open Sea	Intergenic	
chr3	13,235,507	8.03E-03	9.84E-03	0.864	86.441	0.661	66.229	0.082	8.170	1.634	0.074	1.761	1.472	-0.203	-20.312	739.3	--	Open Sea	Intergenic	
chr3	13,235,545	3.61E-02	9.44E-02	0.872	87.234	0.696	69.565	0.071	7.085	1.417	0.266	26.645	5.329	-0.177	-17.669	739.3	--	Open Sea	Intergenic	
chr3	14,110,666	9.07E-03	9.07E-03	0.405	40.541	0.711	71.053	0.277	27.743	5.549	0.125	12.462	2.492	-0.305	-30.512	740.3	--	Open Sea	Intergenic	
chr3	14,111,019	1.13E-02	1.33E-02	0.808	80.769	0.455	45.455	0.136	13.649	3.700	0.237	23.704	4.453	-0.353	-35.353	741.3	--	Open Sea	Intergenic	
chr3	15,409,359	2.97E-02	5.21E-03	0.309	30.864	0.479	47.945	0.160	15.958	3.192	0.085	8.546	1.709	-0.171	-17.081	741.3	--	Open Sea	Intergenic	
chr3	15,409,418	4.50E-02	5.21E-03	0.424	42.391	0.577	57.732	0.209	20.878	4.176	0.276	27.584	5.517	-0.153	-15.341	741.3	--	Open Sea	Intergenic	
chr3	15,580,524	7.46E-03	5.16E-02	0.566	56.579	0.800	80.000	0.150	14.963	2.993	0.076	7.593	1.519	-0.234	-23.421	742.3	--	Open Sea	Intergenic	
chr3	15,581,255	4.99E-02	1.73E-01	0.866	86.616	0.738	73.810	0.146	14.634	2.927	0.094	9.894	1.859	-0.127	-12.677	742.3	--	Open Sea	Intergenic	
chr3</																				

chr3	50,031,405	3.15E-02	3.15E-02	0.724	72.414	0.375	37.500	0.385	38.471	7.694	0.261	26.087	5.217	-0.349	-34.914	766.3	--	Open Sea	Intergenic		
chr3	51,901,694	4.39E-02	5.36E-03	0.286	28.571	0.607	60.714	0.271	27.083	5.417	0.305	30.450	6.090	0.321	32.143	767.3	CT	Open Sea	Intron 1/4	Mam3	
chr3	51,901,730.45	4.39E-02	5.36E-03	0.286	28.571	0.607	60.714	0.271	27.083	5.417	0.305	30.450	6.090	0.321	32.143	767.3	CG	Open Sea	Intron 1/4	Mam3	
chr3	52,091,561	4.13E-02	3.46E-04	0.368	36.842	0.630	62.963	0.259	25.863	5.173	0.217	21.691	4.338	0.261	26.121	768.3	--	Open Sea	Intron 1/4		
chr3	52,092,026	9.75E-03	2.69E-04	0.115	11.538	0.450	45.000	0.093	9.283	1.857	0.271	27.065	5.413	0.335	33.462	768.3	--	Open Sea	Intron 1/4		
chr3	53,650,657	1.09E-02	4.85E-02	0.794	79.412	0.575	57.500	0.142	14.150	2.830	0.114	11.357	2.271	-0.219	-21.912	769.3	CA	Open Sea	Intergenic		
chr3	53,650,665	4.33E-02	3.33E-01	0.825	82.579	0.652	65.179	0.252	25.173	1.68	0.122	12.249	1.128	-0.175	-17.466	769.3	CT	Open Sea	Intergenic		
chr3	54,421,506	4.73E-02	1.42E-04	0.343	34.286	0.575	57.500	0.166	16.607	3.321	0.226	22.550	4.510	0.232	23.214	770.3	CA	Open Sea	Intergenic		
chr3	54,421,534	8.72E-03	1.42E-04	0.250	25.000	0.537	53.659	0.145	14.535	2.907	0.097	9.735	1.947	0.287	28.659	770.3	tg	Open Sea	Intergenic		
chr3	55,079,502	5.17E-03	6.18E-01	0.400	40.000	0.771	77.143	0.274	27.424	5.485	0.080	7.992	1.598	0.371	37.143	771.3	TA	Open Sea	Intergenic		
chr3	55,079,605	4.51E-02	1.10E-01	0.435	43.500	0.519	51.905	0.187	18.972	4.419	0.235	23.992	4.209	0.289	28.992	771.3	CA	Open Sea	Intergenic		
chr3	56,037,967	2.32E-02	3.58E-02	0.640	64.000	0.843	84.314	0.172	17.232	3.446	0.132	13.223	2.645	0.203	20.314	772.3	--	Open Sea	Intergenic		
chr3	58,038,104	3.30E-02	1.48E-01	0.786	78.571	0.888	88.806	0.223	22.286	4.457	0.207	2.736	0.547	0.102	10.235	772.3	--	Open Sea	Intergenic		
chr3	61,488,752	4.70E-02	2.60E-02	0.542	54.167	0.776	77.586	0.273	27.345	5.469	0.218	21.831	4.366	0.234	23.420	773.3	--	Open Sea	Intergenic		
chr3	61,488,912	4.64E-02	4.51E-02	0.400	40.000	0.704	70.370	0.217	21.683	4.01	0.168	16.219	4.037	0.201	20.461	773.3	--	Open Sea	Intergenic		
chr3	69,723,137	4.27E-02	9.11E-02	0.304	30.357	0.531	53.125	0.232	23.180	4.636	0.193	19.263	3.853	0.228	22.768	774.3	--	S Shore	Intron 2/15	Nmd3	
chr3	69,723,137	4.27E-02	9.11E-02	0.304	30.357	0.531	53.125	0.232	23.180	4.636	0.193	19.263	3.853	0.228	22.768	774.3	--	S Shore	Intron 2/6		
chr3	69,723,137	4.27E-02	9.11E-02	0.304	30.357	0.531	53.125	0.232	23.180	4.636	0.193	19.263	3.853	0.228	22.768	774.3	--	S Shore	Intron 2/5	Nmd3	
chr3	69,723,137	4.27E-02	9.11E-02	0.304	30.357	0.531	53.125	0.232	23.180	4.636	0.193	19.263	3.853	0.228	22.768	774.3	--	S Shore	Intron 2/2	Nmd3	
chr3	69,723,137	4.27E-02	9.11E-02	0.304	30.357	0.531	53.125	0.232	23.180	4.636	0.193	19.263	3.853	0.228	22.768	774.3	--	S Shore	TSS 5'00	Nmd3	
chr3	69,723,257	2.19E-02	1.08E-01	0.317	31.707	0.608	60.784	0.267	26.697	5.339	0.207	20.684	4.137	0.291	29.077	774.3	--	S Shore	Intron 2/15		
chr3	69,723,257	2.19E-02	1.08E-01	0.317	31.707	0.608	60.784	0.267	26.697	5.339	0.207	20.684	4.137	0.291	29.077	774.3	--	S Shore	Intron 2/6	Nmd3	
chr3	69,723,257	2.19E-02	1.08E-01	0.317	31.707	0.608	60.784	0.267	26.697	5.339	0.207	20.684	4.137	0.291	29.077	774.3	--	S Shore	Intron 2/5	Nmd3	
chr3	69,723,257	2.19E-02	1.08E-01	0.317	31.707	0.608	60.784	0.267	26.697	5.339	0.207	20.684	4.137	0.291	29.077	774.3	--	S Shore	Intron 2/2	Nmd3	
chr3	69,723,257	2.19E-02	1.08E-01	0.317	31.707	0.608	60.784	0.267	26.697	5.339	0.207	20.684	4.137	0.291	29.077	774.3	--	S Shore	TSS 5'00	Nmd3	
chr3	70,199,561	2.32E-02	9.91E-03	0.334	33.360	0.812	81.159	0.292	29.217	1.66	0.166	16.612	3.322	0.178	17.779	775.3	AA	Open Sea	Intergenic		
chr3	70,199,721	9.76E-03	1.53E-03	0.220	21.951	0.517	51.724	0.158	15.819	3.384	0.058	5.811	1.162	0.174	11.449	775.3	CT	Open Sea	Intergenic		
chr3	70,386,241	4.71E-02	3.22E-02	0.371	37.097	0.545	54.545	0.122	12.155	2.431	0.058	1.162	0.174	11.449	776.3	--	Open Sea	Intergenic			
chr3	70,386,294	2.73E-02	2.90E-03	0.796	79.592	0.592	59.184	0.109	10.861	2.172	0.132	13.190	2.638	-0.204	-20.408	776.3	--	Open Sea	Intergenic		
chr3	71,545,003	2.38E-03	2.38E-03	0.796	79.592	0.592	59.184	0.109	10.861	2.172	0.132	13.190	2.638	-0.204	-20.408	777.3	--	Open Sea	Intergenic		
chr3	71,546,383	3.71E-02	2.65E-01	0.468	46.809	0.690	69.000	0.117	11.659	2.338	0.156	15.647	3.129	0.222	22.239	777.3	--	Open Sea	Intergenic		
chr3	71,633,834	1.00E-02	1.00E-02	0.551	55.072	0.773	77.273	0.119	11.879	2.376	0.069	6.942	1.388	0.222	22.200	778.3	--	Open Sea	Intergenic		
chr3	71,634,202	5.60E-03	2.49E-02	0.259	25.926	0.633	63.333	0.180	18.008	3.602	0.112	11.243	2.249	0.374	37.407	778.3	--	Open Sea	Intergenic		
chr3	72,542,444	7.46E-03	7.46E-03	0.634	63.360	0.996	99.600	0.096	9.627	1.926	0.193	19.263	3.853	0.228	22.768	779.3	--	Open Sea	Intergenic		
chr3	72,554,437	2.78E-02	7.46E-03	0.654	65.395	0.881	88.095	0.371	37.069	7.414	0.072	1.445	0.227	0.111	1.111	779.3	--	Open Sea	Intergenic		
chr3	74,631,973	2.64E-02	2.64E-02	0.821	82.143	0.582	58.172	0.149	14.907	2.981	0.230	22.987	4.587	-0.270	-26.970	780.3	--	Open Sea	Intergenic		
chr3	74,632,367	1.63E-02	1.63E-02	0.389	38.889	0.627	62.745	0.130	12.987	2.597	0.104	10.359	2.072	0.239	23.856	780.3	--	Open Sea	Intergenic		
chr3	74,659,713	1.88E-03	1.88E-03	0.514	51.404	0.673	67.273	0.179	17.917	3.591	0.117	11.749	2.697	0.291	29.156	781.3	--	Open Sea	Intergenic		
chr3	74,659,786	2.12E-02	1.88E-04	0.535	53.488	0.257	25.714	0.266	26.849	5.330	0.147	14.696	2.939	-0.278	-27.774	781.3	--	Open Sea	Intergenic		
chr3	77,279,428	4.87E-02	1.65E-01	0.697	69.697	0.831	83.146	0.143	14.289	2.858	0.057	5.732	1.146	0.134	13.449	782.3	cc	Open Sea	Intergenic		
chr3	77,280,227	2.69E-02	2.30E-01	0.754	75.410	0.571	57.143	0.098	9.832	1.966	0.070	7.034	1.407	-0.183	-18.287	782.3	--	Open Sea	Intergenic		
chr3	77,352,623	2.35E-02	2.35E-02	0.388	38.800	0.299	29.897	0.138	13.837	0.96	0.096	0.967	0.161	0.161	1.61	783.3	--	Open Sea	Intergenic		
chr3	77,352,714	2.24E-02	3.06E-03	0.333	33.333	0.590	59.574	0.096	9.645	1.929	0.161	16.071	3.214	0.256	25.641	783.3	--	Open Sea	Intergenic		
chr3	77,623,987	2.32E-02	1.84E-02	0.778	77.778	0.910	91.026	0.106	10.568	2.114	0.057	5.676	1.135	0.132	13.248	784.3	--	Open Sea	Intergenic		
chr3	77,624,423	4.63E-02	2.11E-01	0.853	85.321	0.742	74.227	0.088	8.811	1.762	0.080	7.958	1.592	-0.111	-11.094	784.3	TC	Open Sea	Intergenic		
chr3	78,727,679	5.77E-03	5.77E-03	0.692	69.200	0.515	51.515	0.156	15.176	1.35	0.056	1.35	0.056	1.35	1.35	785.3	--	Open Sea	Intergenic		
chr3	78,628,877	1.28E-02	1.65E-02	0.667	66.667	0.238	23.810	0.312	31.226	6.245	0.252	25.177	5.035	-0.429	-42.857	785.3	--	Open Sea	Intergenic		
chr3	80,050,897	1.08E-02	2.10E-03	0.260	26.027	0.457	45.679	0.126	12.642	2.528	0.063	6.305	1.261	0.197	19.652	786.3	AC	Open Sea	Intergenic		
chr3	80,050,897	7.93E-03	2.85E-02	0.429	42.857	0.600	60.000	0.070	7.019	1.404	0.051	5.144	1.029	0.171	17.143	786.3	--	Open Sea	Intergenic		
chr3	87,186,367	5.50E-03	5.50E-03	0.711	71.143	0.783	78.333	0.196	19.605	0.994	0.171	17.143	1.971	0.107	10.708	787.3	--	Open Sea	Intergenic		
chr3	87,186,637	4.43E-02	2.03E-01	0.458	45.833	0.676	67.568	0.121	12.051	2.410	0.149	14.926	2.985	0.217	21.734	787.3	--	Open Sea	Intergenic		
chr3	94,224,372	1.75E-02	9.36E-03	0.458	45.833	0.778	77.778	0.241	24.084	4.817	0.213	21.331	4.266	0.319	31.944	788.3	--	Open Sea	Intergenic		
chr3	94,224,492	3.41E-02	9.36E-03	0.621	62.069	0.846	84.615	0.193	19.257	3.651	0.087	8.654	1.731	0.225	22.546	788.3	--	Open Sea	Intergenic		
chr3	95,113,933	1.75E-02	1.72E-01	0.621	62.069	0.846	84.615	0.193	19.257	3.651	0.087	8.654	1.731	0.225	22.546	788.3	--	Open Sea	Intergenic		
chr3	95,113,933	3.37E-02	1.72E-01	0.621	62.069	0.846	84.615	0.193	19.257	3.651	0.087	8.654	1.731	0.225	22.546	788.3	--	Open Sea	Intergenic		
chr3	95,113,933	2.57E-02	1.72E-01	0.621	62.069	0.846	84.615	0.193	19.257	3.651	0.087	8.654	1.731	0.225	22.546	788.3	--	Open Sea	Intergenic		
chr3	95,113,933	2.57E-02	1.72E-01	0.621	62.069	0.846	84.615	0.193	19.257	3.651	0.087	8.654	1.731	0.225	22.546	788.3	--	Open Sea	Intergenic		
chr3	95,113,933	2.57E-02	1.72E-01	0.621	62.069	0.846	84.615	0.193	19.257	3.651	0.087	8.654	1.731	0.225	22.546	788.3	--	Open Sea	Intergenic		
chr3	96,093,780	1.63E-02																			

chr3	143,243,598	4.93E-02	1.59E-01	0.543	54.348	0.739	73.913	0.217	21.666	4.333	0.166	16.586	3.317	0.196	19.565	812.3	AG	Open Sea	Intergenic
chr3	143,243,609	1.70E-02	1.89E-01	0.556	55.556	0.787	78.723	0.219	21.902	4.380	0.134	13.404	2.681	0.232	23.168	812.3	CA	Open Sea	Intergenic
chr3	147,008,228	2.15E-02	2.64E-01	0.648	64.837	0.790	79.070	0.213	21.607	4.033	0.123	12.407	2.407	0.207	20.437	813.3	--	Open Sea	Intergenic
chr3	147,008,246	2.12E-02	4.94E-02	0.651	65.116	0.817	81.707	0.274	7.362	1.472	0.086	8.786	1.757	0.068	16.591	813.3	--	Open Sea	Intergenic
chr3	148,688,767	1.11E-02	3.70E-02	0.452	45.238	0.670	67.033	0.272	27.246	5.449	0.054	5.383	1.077	0.218	21.795	814.3	TG	Open Sea	Intergenic
chr3	148,688,801	1.76E-02	3.80E-02	0.410	40.984	0.644	64.384	0.287	28.735	5.747	0.144	14.378	2.876	0.234	23.400	814.3	CT	Open Sea	Intergenic
chr3	149,934,964	1.56E-02	8.13E-02	0.550	55.023	0.724	72.469	0.141	14.149	0.384	0.040	38.370	0.407	0.430	40.714	815.3	TG	Open Sea	Intergenic
chr3	149,934,980	5.80E-03	8.23E-02	0.261	26.087	0.682	68.182	0.153	15.283	3.057	0.142	41.245	8.249	0.421	42.095	815.3	TG	Open Sea	Intergenic
chr3	156,811,685	1.29E-02	3.29E-01	0.567	56.731	0.735	73.529	0.215	21.538	4.308	0.113	11.326	2.265	0.168	16.799	816.3	--	Open Sea	Intron 1/6
chr3	156,811,768	3.14E-02	2.74E-02	0.136	13.636	0.267	26.687	0.079	7.921	1.584	0.086	6.565	1.713	0.130	13.030	816.3	--	Open Sea	Intron 1/6
chr4	4,487,875	4.40T+05	4.94E-02	0.864	86.441	0.728	72.864	0.051	5.141	0.081	0.071	1.049	0.051	0.138	13.791	817.4	AG	Open Sea	Intergenic
chr4	4,488,560	1.33E-02	2.20E-01	0.869	86.869	0.736	73.554	0.069	6.912	1.382	0.114	11.397	2.279	-0.133	-13.315	817.4	--	Open Sea	Intergenic
chr4	5,155,747	4.75E-02	7.37E-04	0.871	87.143	0.716	71.642	0.097	9.657	1.931	0.149	14.919	2.984	-0.155	-15.501	818.4	--	Open Sea	Intergenic
chr4	5,155,826	1.88E-02	3.55E-03	0.680	68.000	0.852	85.246	0.173	17.283	3.457	0.072	7.211	1.442	0.172	17.246	818.4	--	Open Sea	Intergenic
chr4	5,155,834	1.41E-02	3.55E-03	0.712	71.233	0.895	89.474	0.144	14.435	1.02	0.125	10.205	2.041	0.182	18.241	818.4	--	Open Sea	Intergenic
chr4	5,690,865	4.77E-02	8.23E-03	0.293	29.310	0.543	54.286	0.383	38.255	7.651	0.219	21.866	4.373	0.250	24.975	819.4	--	Open Sea	Intron 1/2
chr4	5,690,885	4.77E-02	8.23E-03	0.293	29.310	0.543	54.286	0.383	38.255	7.651	0.219	21.866	4.373	0.250	24.975	819.4	--	Open Sea	Intron 2/3
chr4	5,690,885	4.77E-02	8.23E-03	0.293	29.310	0.543	54.286	0.383	38.255	7.651	0.219	21.866	4.373	0.250	24.975	819.4	--	Open Sea	Intron 2/3
chr4	5,690,939	4.82E-02	3.15E-02	0.475	47.500	0.698	69.767	0.309	30.879	6.176	0.123	12.293	2.459	0.223	22.267	819.4	--	Open Sea	Intron 1/2
chr4	5,690,939	4.82E-02	3.15E-02	0.475	47.500	0.698	69.767	0.309	30.879	6.176	0.123	12.293	2.459	0.223	22.267	819.4	--	Open Sea	Intron 2/3
chr4	5,690,939	4.82E-02	3.15E-02	0.475	47.500	0.698	69.767	0.309	30.879	6.176	0.123	12.293	2.459	0.223	22.267	819.4	--	Open Sea	Intron 2/3
chr4	8,715,342	3.76E-02	5.15E-03	0.759	75.926	0.880	88.000	0.129	12.866	2.573	0.066	6.609	1.322	0.121	12.074	820.4	--	Open Sea	Intergenic
chr4	8,729,149	7.73E-03	1.93E-01	0.808	80.769	0.544	54.386	0.131	13.122	2.624	0.178	17.806	3.561	-0.264	-26.383	821.4	--	S Shore	Intergenic
chr4	9,729,156	1.02E-02	1.93E-01	0.783	78.261	0.532	53.191	0.119	11.899	2.380	0.189	18.920	3.784	-0.251	-25.069	821.4	--	S Shore	Intergenic
chr4	14,395,407	2.71E-02	1.15E-02	0.483	48.276	0.769	76.923	0.257	25.693	0.250	0.500	5.000	0.250	0.500	5.000	822.4	CA	Open Sea	Intergenic
chr4	14,396,453	1.56E-02	1.15E-02	0.261	26.087	0.682	68.182	0.120	12.490	6.099	0.172	17.293	3.405	0.421	42.095	822.4	CT	Open Sea	Intergenic
chr4	14,885,740	3.02E-02	2.51E-02	0.625	62.500	0.885	88.462	0.245	24.506	6.901	0.081	8.070	1.614	0.260	25.962	823.4	--	Open Sea	Intron 1/6
chr4	14,885,762	2.92E-02	2.51E-02	0.893	89.286	0.640	64.000	0.418	41.833	8.367	0.239	23.920	4.784	-0.253	-25.286	823.4	--	Open Sea	Intron 1/6
chr4	16,638,257	4.63E-02	4.99E-03	0.635	63.528	0.473	47.535	0.151	15.045	2.875	0.051	5.051	1.737	0.197	19.735	824.4	--	Open Sea	Intergenic
chr4	16,638,434	4.83E-02	4.99E-03	0.871	87.097	0.719	71.930	0.110	11.043	2.209	0.148	14.803	2.961	-0.152	-15.167	824.4	--	Open Sea	Intergenic
chr4	17,702,732	3.05E-02	5.70E-02	0.535	53.488	0.760	76.000	0.129	12.859	2.572	0.150	15.049	3.010	0.225	22.512	825.4	--	Open Sea	Intergenic
chr4	17,703,438	1.65E-02	1.65E-02	0.444	44.444	0.774	77.419	0.196	19.644	3.929	0.188	18.764	3.753	0.330	32.975	825.4	TG	Open Sea	Intergenic
chr4	18,488,034	4.59E-02	4.59E-02	0.662	66.154	0.543	54.585	0.363	36.532	6.862	0.130	13.043	3.563	0.262	26.199	826.4	--	Open Sea	Intergenic
chr4	18,488,757	3.62E-02	1.54E-01	0.537	53.659	0.800	80.000	0.268	26.818	5.364	0.144	14.436	2.887	0.263	26.341	826.4	--	Open Sea	Intergenic
chr4	19,019,293	4.52E-02	7.67E-01	0.706	70.588	0.487	48.718	0.176	17.614	3.523	0.216	21.604	4.321	-0.219	-21.870	827.4	TG	Open Sea	Intergenic
chr4	19,019,803	6.20E-03	2.77E-01	0.611	61.111	0.903	90.323	0.184	18.406	3.681	0.206	20.591	4.118	0.292	29.211	827.4	tg	Open Sea	Intergenic
chr4	20,098,341	1.58E-02	3.52E-02	0.799	79.926	0.330	33.023	0.059	5.926	2.21	0.333	3.333	0.221	0.333	3.333	827.4	Check manually	Open Sea	Intergenic
chr4	20,099,219	1.58E-02	2.51E-02	0.800	80.000	0.500	50.000	0.182	18.245	3.649	0.288	29.814	5.963	-0.300	-30.000	828.4	--	Open Sea	Intergenic
chr4	23,999,835	2.32E-02	1.46E-03	0.884	88.423	0.769	76.923	0.123	12.326	2.465	0.067	6.715	1.343	-0.125	-12.500	829.4	--	Open Sea	Intergenic
chr4	24,000,460	2.24E-02	4.51E-01	0.833	83.333	0.638	63.793	0.118	11.801	2.360	0.146	14.628	2.928	-0.195	-19.540	829.4	--	Open Sea	Intergenic
chr4	24,000,742	4.85E-02	2.42E-02	0.452	45.242	0.452	45.242	0.126	12.463	2.78	0.126	12.463	2.78	0.126	12.463	829.4	TA	Open Sea	Intergenic
chr4	28,535,787	1.23E-02	1.15E-01	0.419	41.935	0.660	66.587	0.132	13.173	2.635	0.202	20.151	4.030	0.240	24.022	830.4	CC	Open Sea	Intergenic
chr4	28,536,177	4.63E-02	2.53E-01	0.381	38.095	0.682	68.182	0.377	37.676	7.535	0.161	16.090	3.218	0.301	30.087	830.4	AG	Open Sea	Intergenic
chr4	29,589,751	3.58E-03	1.63E-02	0.529	52.941	0.800	80.000	0.144	14.351	2.870	0.070	7.037	1.407	0.271	27.059	831.4	CG nearby	Open Sea	Intergenic
chr4	29,589,774	1.19E-02	1.45E-02	0.644	64.444	0.769	76.923	0.179	17.865	3.122	0.123	12.372	2.434	0.119	11.919	831.4	TA	Open Sea	Intergenic
chr4	29,652,558	2.37E-03	2.38E-04	0.439	43.902	0.813	81.250	0.174	17.429	3.486	0.135	13.455	2.691	0.371	37.348	832.4	--	Open Sea	Intergenic
chr4	29,652,653	1.57E-02	1.00E-02	0.408	40.845	0.613	61.233	0.214	21.368	4.274	0.142	14.242	2.848	0.205	20.488	832.4	--	Open Sea	Intergenic
chr4	30,404,647	3.69E-02	7.75E-02	0.676	67.647	0.424	42.424	0.199	19.913	3.983	0.084	8.425	1.685	-0.252	-25.223	833.4	--	Open Sea	Intergenic
chr4	30,404,691	6.43E-03	7.75E-02	0.743	74.286	0.432	43.243	0.136	13.286	3.459	0.162	16.250	3.99	-0.142	-14.259	833.4	--	Open Sea	Intergenic
chr4	30,540,593	7.49E-03	7.49E-03	0.800	80.000	0.261	26.087	0.105	10.504	2.101	0.362	36.202	7.240	-0.539	-53.913	834.4	CG nearby	Open Sea	Intergenic
chr4	30,540,912	8.11E-03	8.11E-03	0.500	50.000	0.833	83.333	0.273	27.252	5.450	0.125	12.486	2.497	0.333	33.333	834.4	--	Open Sea	Intergenic
chr4	30,542,393	2.77E-02	7.05E-02	0.795	79.487	0.564	56.410	0.150	15.048	3.010	0.129	12.934	2.587	-0.231	-23.077	835.4	--	Open Sea	Intergenic
chr4	32,248,465	7.81E-02	7.05E-02	0.778	77.838	0.687	68.687	0.176	17.623	3.405	0.176	17.623	3.405	0.288	28.829	835.4	--	Open Sea	Intergenic
chr4	32,248,562	2.20E-02	3.87E-03	0.795	77.419	0.481	48.148	0.135	13.567	2.693	0.180	17.964	3.593	-0.293	-29.271	836.4	CG nearby	Open Sea	Intergenic
chr4	32,248,595	4.43E-02	3.87E-03	0.448	44.828	0.246	24.561	0.261	26.112	5.222	0.159	15.934	3.187	-0.203	-20.266	836.4	-A	Open Sea	Intergenic
chr4	32,248,606	3.68E-02	3.87E-03	0.493	49.315	0.324	32.432	0.230	23.023	4.605	0.084	8.405	1.681	-0.169	-16.883	836.4	TG	Open Sea	Intergenic
chr4	35,275,359	1.62E-02	1.63E-01	0.563	56.338	0.687	68.687	0.086	8.569	1.143	0.143	14.378	2.876	0.234	23.407	837.4	--	Open Sea	Intergenic
chr4	35,275,575	3.83E-02	4.05E-01	0.667	66.667	0.805	80.460	0.048	4.839	0.968	0.150	14.998	3.000	0.138	13.793	837.4	--	Open Sea	Intergenic
chr4	36,289,908	2.70E-02	8.59E-02	0.667	66.667	0.348	34.793	0.262	26.240	5.248	0.289	28.870	5.774	-0.391	-31.884	838.4	--	Open Sea	Intergenic
chr4	36,290,448	3.76E-02	3.61E-02	0.763	76.271	0.534	53.425	0.132	13.168	2.634	0.324								

chr4	77,614,657	3.03E-02	3.00E-03	0.227	22.727	0.560	56.000	0.252	25.210	0.542	0.272	27.244	5.449	0.333	33.273	860.4	CT	Open Sea	Intergenic	
chr4	78,195,767	2.62E-02	1.37E-01	0.658	65.789	0.875	87.500	0.185	18.546	3.709	0.089	8.884	1.777	0.217	21.711	861.4	--	Open Sea	Intergenic	
chr4	78,195,831	6.15E-02	6.61E-03	0.615	61.538	0.830	83.000	0.139	13.925	2.073	0.079	7.926	1.460	0.214	21.440	862.4	--	Open Sea	Intergenic	
chr4	81,495,734	4.86E-02	1.89E-02	0.882	88.235	0.725	72.549	0.096	9.575	1.915	0.221	21.625	4.325	-0.157	-15.686	863.4	--	Open Sea	Intergenic	
chr4	81,495,867	4.10E-02	1.58E-02	0.667	66.667	0.796	79.630	0.046	4.615	0.923	0.087	8.683	1.737	0.130	12.963	862.4	--	Open Sea	Intergenic	
chr4	82,685,170	3.94E-02	5.75E-02	0.850	85.000	0.745	74.545	0.072	7.180	1.436	0.087	8.654	1.731	-0.105	-10.455	863.4	--	Open Sea	Intergenic	
chr4	82,685,198	5.70E-02	5.85E-02	0.866	86.617	0.852	85.617	0.052	5.250	0.999	0.084	8.507	1.700	0.221	22.107	863.4	AA	Open Sea	Intergenic	
chr4	89,087,291	4.81E-02	2.64E-02	0.840	84.000	0.611	61.111	0.205	20.497	0.099	0.224	21.382	4.276	-0.229	-22.889	864.4	Check manually	Open Sea	Intergenic	
chr4	89,087,349	1.95E-02	2.51E-02	0.478	47.826	0.789	78.947	0.262	26.169	5.234	0.205	20.514	4.103	0.311	31.121	864.4	--	Open Sea	Intergenic	
chr4	90,314,942	2.01E-02	4.84E-02	0.692	69.231	0.900	90.000	0.170	16.979	3.396	0.085	8.526	1.705	0.208	20.769	865.4	--	Open Sea	Intergenic	
chr4	90,315,208	2.69E-02	8.35E-03	0.533	53.300	0.830	83.000	0.153	15.286	0.251	0.087	8.611	1.697	0.201	20.667	865.4	--	Open Sea	Intergenic	
chr4	91,942,301	3.94E-02	3.99E-03	0.889	88.889	0.754	75.362	0.120	12.004	2.401	0.057	5.743	1.149	-0.135	-13.527	866.4	Check manually	Open Sea	Intergenic	
chr4	91,942,307	1.80E-02	3.99E-03	0.853	85.333	0.688	68.831	0.107	10.671	2.134	0.034	3.395	0.679	-0.165	-16.502	866.4	--	Open Sea	Intergenic	
chr4	93,945,706	2.00E-02	1.50E-03	0.886	88.636	0.682	68.162	0.093	9.319	1.864	0.174	17.485	3.487	-0.205	-20.455	867.4	--	Open Sea	Intergenic	
chr4	93,945,890	2.21E-02	2.09E-03	0.795	79.487	0.520	50.000	0.222	22.186	1.437	0.173	17.324	3.465	-0.296	-29.487	867.4	-G	Open Sea	Intergenic	
chr4	94,416,331	1.90E-02	3.30E-02	0.321	32.143	0.667	66.667	0.392	39.164	7.833	0.236	23.617	4.723	0.345	34.524	868.4	TA	Open Sea	Intergenic	
chr4	94,416,377	1.65E-02	3.00E-02	0.231	23.077	0.591	59.091	0.164	16.369	3.274	0.315	31.526	6.305	0.360	36.014	868.4	TG	Open Sea	Intergenic	
chr4	96,558,003	2.41E-02	7.07E-02	0.590	59.074	0.821	82.051	0.103	10.296	2.059	0.159	15.894	3.179	0.231	23.077	869.4	--	Open Sea	Intergenic	
chr4	96,558,540	4.64E-02	4.64E-02	0.696	69.643	0.850	85.000	0.207	20.731	1.146	0.090	8.973	1.795	0.154	15.357	869.4	--	Open Sea	Intergenic	
chr4	97,050,862	2.97E-02	2.32E-01	0.577	57.777	0.846	84.615	0.228	22.788	4.558	0.144	14.436	2.887	0.269	26.923	870.4	TA	Open Sea	Intergenic	
chr4	97,050,931	9.67E-03	2.32E-01	0.400	40.000	0.800	80.000	0.232	23.185	4.637	0.273	27.274	5.455	0.400	40.000	870.4	AG	Open Sea	Intergenic	
chr4	98,437,226	1.98E-04	0.613	0.120	0.483	48.276	0.207	20.737	3.304	1.417	0.304	30.351	6.070	-0.330	-32.974	871.4	--	Open Sea	Intergenic	
chr4	98,437,226	1.67E-02	1.98E-04	0.813	81.250	0.483	48.276	0.207	20.737	4.147	0.304	30.351	6.070	-0.330	-32.974	871.4	--	Open Sea	Intergenic	
chr4	98,437,247	1.77E-02	1.98E-04	0.750	75.000	0.429	42.857	0.169	16.851	3.370	0.211	21.076	4.215	-0.321	-32.143	871.4	AG	Open Sea	Intergenic	
chr4	98,437,247	1.77E-02	1.98E-04	0.750	75.000	0.429	42.857	0.169	16.851	3.370	0.211	21.076	4.215	-0.321	-32.143	871.4	AG	Open Sea	Intergenic	
chr4	99,005,158	8.01E-03	4.06E-04	0.340	34.000	0.628	62.791	0.167	16.715	1.84	0.343	3.434	18.401	3.680	0.288	28.791	872.4	Check manually	Open Sea	Intergenic
chr4	99,005,158	8.01E-03	4.06E-04	0.340	34.000	0.628	62.791	0.167	16.715	1.84	0.343	3.434	18.401	3.680	0.288	28.791	872.4	Check manually	Open Sea	Intergenic
chr4	99,005,158	8.01E-03	4.06E-04	0.340	34.000	0.628	62.791	0.167	16.715	1.84	0.343	3.434	18.401	3.680	0.288	28.791	872.4	Check manually	Open Sea	Intergenic
chr4	99,005,158	8.01E-03	4.06E-04	0.340	34.000	0.628	62.791	0.167	16.715	1.84	0.343	3.434	18.401	3.680	0.288	28.791	872.4	Check manually	Open Sea	Intergenic
chr4	99,005,194	1.33E-02	3.13E-04	0.290	29.032	0.519	51.923	0.200	20.005	4.001	0.032	3.169	0.634	0.229	22.891	872.4	CT	Open Sea	Intergenic	
chr4	99,005,194	3.13E-04	3.13E-04	0.290	29.032	0.519	51.923	0.200	20.005	4.001	0.032	3.169	0.634	0.229	22.891	872.4	CT	Open Sea	Intergenic	
chr4	99,005,194	1.33E-02	3.13E-04	0.290	29.032	0.519	51.923	0.200	20.005	4.001	0.032	3.169	0.634	0.229	22.891	872.4	CT	Open Sea	Intergenic	
chr4	104,302,715	1.62E-02	2.88E-03	0.551	55.102	0.782	78.182	0.138	13.824	2.765	0.189	18.898	3.780	0.231	23.080	873.4	--	Open Sea	Intergenic	
chr4	104,302,767	1.87E-02	2.88E-03	0.511	51.064	0.727	72.727	0.088	8.831	1.766	0.147	14.678	2.936	0.217	21.663	873.4	--	Open Sea	Intergenic	
chr4	104,303,051	4.29E-02	3.39E-02	0.615	61.533	0.821	82.103	0.229	22.945	1.116	0.239	23.945	2.329	0.160	16.040	873.4	--	Open Sea	Intergenic	
chr4	104,842,508	4.01E-02	5.56E-02	0.872	87.179	0.683	68.293	0.107	10.714	2.143	0.130	12.966	2.593	-0.189	-18.887	874.4	Check manually	Open Sea	Intergenic	
chr4	104,842,616	1.15E-02	8.56E-02	0.500	50.000	0.773	77.273	0.272	27.176	5.435	0.126	12.610	2.522	0.273	27.273	874.4	AA	Open Sea	Intergenic	
chr4	105,718,115	4.79E-02	1.08E-01	0.320	32.000	0.609	60.870	0.336	33.564	6.713	0.311	31.060	6.212	0.289	28.870	875.4	TA	Open Sea	Intergenic	
chr4	105,718,439	9.05E-02	1.08E-01	0.320	32.000	0.609	60.870	0.336	33.564	6.713	0.311	31.060	6.212	0.289	28.870	875.4	TA	Open Sea	Intergenic	
chr4	106,289,157	4.01E-02	8.48E-03	0.451	45.098	0.617	61.728	0.122	12.172	2.434	0.103	10.260	2.052	0.166	16.630	876.4	--	Open Sea	Intergenic	
chr4	106,289,165	3.14E-02	8.48E-03	0.433	43.269	0.640	64.045	0.121	12.077	2.415	0.193	19.285	3.857	0.208	20.776	876.4	--	Open Sea	Intergenic	
chr4	107,586,370	1.58E-02	6.12E-02	0.542	54.167	0.839	83.871	0.277	27.750	5.550	0.117	11.660	2.332	0.297	29.704	877.4	--	Open Sea	Intergenic	
chr4	107,586,985	4.07E-02	4.02E-02	0.414	41.429	0.820	82.000	0.206	20.590	4.164	0.206	20.590	4.164	0.206	20.590	877.4	--	Open Sea	Intergenic	
chr4	110,284,431	9.50E-04	2.50E-04	0.222	22.222	0.703	70.270	0.389	38.879	7.776	0.197	19.711	3.942	0.480	48.048	878.4	TG	Open Sea	Intergenic	
chr4	110,284,431	9.50E-04	2.50E-04	0.222	22.222	0.703	70.270	0.389	38.879	7.776	0.197	19.711	3.942	0.480	48.048	878.4	TG	Open Sea	Intergenic	
chr4	110,284,431	9.50E-04	2.50E-04	0.222	22.222	0.703	70.270	0.389	38.879	7.776	0.197	19.711	3.942	0.480	48.048	878.4	TG	Open Sea	Intergenic	
chr4	110,284,431	9.50E-04	2.50E-04	0.222	22.222	0.703	70.270	0.389	38.879	7.776	0.197	19.711	3.942	0.480	48.048	878.4	TG	Open Sea	Intergenic	
chr4	110,284,431	9.50E-04	2.50E-04	0.222	22.222	0.703	70.270	0.389	38.879	7.776	0.197	19.711	3.942	0.480	48.048	878.4	TG	Open Sea	Intergenic	
chr4	110,285,087	3.92E-02	3.92E-02	0.125	12.500	0.316	31.579	0.100	10.000	2.000	0.179	17.879	3.576	0.191	19.079	878.4	CG nearby	Open Sea	Intergenic	
chr4	110,285,087	3.92E-02	3.92E-02	0.125	12.500	0.316	31.579	0.100	10.000	2.000	0.179	17.879	3.576	0.191	19.079	878.4	CG nearby	Open Sea	Intergenic	
chr4	110,285,087	3.92E-02	3.92E-02	0.125	12.500	0.316	31.579	0.100	10.000	2.000	0.179	17.879	3.576	0.191	19.079	878.4	CG nearby	Open Sea	Intergenic	
chr4	110,285,087	3.92E-02	3.92E-02	0.125	12.500	0.316	31.579	0.100	10.000	2.000	0.179	17.879	3.576	0.191	19.079	878.4	CG nearby	Open Sea	Intergenic	
chr4	110,285,087	3.92E-02	3.92E-02	0.125	12.500	0.316	31.579	0.100	10.000	2.000	0.179	17.879	3.576	0.191	19.079	878.4	CG nearby	Open Sea	Intergenic	
chr4	112,714,080	3.36E-02	6.67E-02	0.825	82.456	0.648	64.815	0.123	12.321	2.464	0.175	17.545	3.509	-0.176	-17.641	879.4	--	Open Sea	Intergenic	
chr4	112,714,482	8.46E-03	8.46E-03	0.740	74.000	0.429	42.857	0.189	18.890	3.778	0.172	17.233	3.447	-0.311	-31.143	879.4	--	Open Sea	Intergenic	
chr4	112,856,230	1.32E-02	4.67E-02	0.483	48.276	0.840	84.000	0.299	29.884	5.977	0.206	20.563	4.113	0.357	35.724	880.4	--	Open Sea	Intergenic	
chr4	112,856,589	1.25E-02	5.66E-02	0.588	58.757	0.820	82.000	0.299	29.884	5.977	0.206	20.563	4.113	0.357	35.724	880.4	--	Open Sea	Intergenic	
chr4	120,338,973	4.39E-04	8.56E-05	0.169	16.883	0.446	44.615	0.081	8.068	1.614	0.083	8.349	1.670	0.277	27.732	881.4	--	Open Sea	Intergenic	
chr4	120,338,978	6.28E-03	8.56E-05	0.167	16.667	0.393	39.344	0.111	11.145	2.229	0.107	10.730	2.146	0.227	22.678	881.4	--	Open Sea	Intergenic	
chr4	120,338,980	2.21E-02	8.56E-05	0.304																

chrs	14,998,275	3.27E-02	8.63E-01	0.764	76.364	0.500	50.000	0.103	13.274	2.655	0.355	35.521	7.104	-0.264	-26.364	899.5	--	Open Sea	Intergenic	
chrs	14,998,300	2.85E-02	8.63E-01	0.543	54.348	0.286	28.571	0.256	25.559	5.112	0.192	19.185	3.837	-0.258	-25.776	899.5	--	Open Sea	Intergenic	
chrs	15,043,597	2.45E-03	8.68E-01	0.339	68.863	0.512	68.863	0.339	68.863	0.177	0.094	1.677	8.363	-0.177	-17.668	900.5	--	Open Sea	Intergenic	
chrs	15,043,938	3.74E-03	5.01E-01	0.521	52.083	0.704	70.370	0.267	26.744	5.349	0.118	11.841	2.368	0.118	18.287	900.5	--	Open Sea	Intergenic	
chrs	15,514,219	2.59E-02	2.21E-01	0.630	63.043	0.825	82.456	0.298	29.790	5.958	0.125	12.530	2.506	0.194	19.413	901.5	--	Open Sea	Intergenic	
chrs	15,514,700	1.77E-02	2.89E-01	0.511	51.136	0.707	70.680	0.132	13.180	2.636	0.133	13.348	2.670	0.196	19.553	901.5	--	Open Sea	Intergenic	
chrs	15,547,766	7.80E-02	0.69E-01	0.684	69.657	0.684	69.657	0.123	12.305	6.764	0.068	6.764	0.123	0.173	17.312	902.5	--	Open Sea	Intergenic	
chrs	15,548,654	4.14E-02	6.75E-02	0.471	47.059	0.750	75.000	0.282	28.219	5.644	0.235	23.534	4.707	0.279	27.941	902.5	--	Open Sea	Intergenic	
chrs	16,782,884	1.65E-02	1.65E-02	0.600	60.000	0.820	82.000	0.182	18.215	3.643	0.228	22.754	4.551	0.220	22.000	903.5	CA	Open Sea	Intergenic	
chrs	16,783,029	4.69E-02	5.42E-02	0.400	40.000	0.679	67.857	0.300	30.030	6.006	0.287	28.725	5.745	0.279	27.857	903.5	CC	Open Sea	Intergenic	
chrs	21,156,758	2.17E-02	1.00E-03	0.114	21.146	0.214	21.146	0.100	10.032	0.302	0.130	1.302	0.302	0.334	33.410	904.5	--	Open Sea	Intergenic	
chrs	21,156,783	7.34E-04	5.06E-04	0.156	15.625	0.613	61.280	0.082	8.249	1.650	0.220	20.219	4.044	0.457	45.665	904.5	--	Open Sea	Intergenic	
chrs	26,971,679	8.41E-03	7.91E-03	0.429	42.857	0.783	78.261	0.252	25.157	5.031	0.187	18.702	3.740	0.354	35.404	905.5	ta	Open Sea	Intergenic	
chrs	26,971,700	4.32E-02	1.31E-02	0.424	42.424	0.750	75.000	0.252	25.165	5.033	0.283	28.349	5.670	0.326	32.576	905.5	-a	Open Sea	Intergenic	
chrs	30,510,419	3.80E-02	2.13E-01	0.179	30.511	0.681	68.085	0.204	20.440	4.088	0.126	12.679	2.916	-0.191	-19.084	906.5	--	Open Sea	Intergenic	
chrs	30,511,083	4.32E-02	5.30E-01	0.400	40.000	0.625	62.500	0.280	28.002	5.600	0.229	22.850	4.570	0.225	22.500	906.5	--	Open Sea	Intergenic	
chrs	36,694,711	4.93E-03	2.04E-01	0.148	14.815	0.524	52.381	0.141	14.147	2.829	0.126	12.605	2.521	0.376	37.566	907.5	--	N Shore	Intron 1/8	
chrs	36,694,711	4.93E-03	2.04E-01	0.148	14.815	0.524	52.381	0.141	14.147	2.829	0.126	12.605	2.521	0.376	37.566	907.5	--	N Shore	Intron 1/1	
chrs	36,694,713	4.93E-03	2.04E-01	0.148	14.815	0.524	52.381	0.141	14.147	2.829	0.126	12.605	2.521	0.376	37.566	907.5	--	N Shore	Intron 1/8	
chrs	36,694,713	3.29E-03	2.04E-01	0.185	18.519	0.591	59.091	0.159	15.947	3.189	0.217	21.679	4.336	0.406	40.572	907.5	--	N Shore	Intron 1/1	
chrs	41,879,730	3.35E-02	2.74E-04	0.500	50.000	0.778	77.778	0.258	25.821	5.164	0.212	21.189	4.238	0.278	27.778	908.5	--	Open Sea	Intergenic	
chrs	41,879,815	4.76E-02	5.50E-04	0.733	73.342	0.899	89.889	0.136	13.825	2.765	0.079	7.869	1.574	0.135	13.546	908.5	--	Open Sea	Intergenic	
chrs	41,879,867	2.35E-02	6.07E-04	0.608	60.811	0.797	79.730	0.112	11.555	2.231	0.113	11.324	2.265	0.189	18.919	908.5	--	Open Sea	Intergenic	
chrs	42,989,559	6.16E-03	1.70E-03	0.207	20.690	0.739	73.913	0.178	17.799	3.560	0.274	27.386	5.477	0.532	53.223	909.5	ag	Open Sea	Intergenic	
chrs	42,989,589	1.83E-02	7.22E-04	0.276	27.586	0.643	64.286	0.224	22.438	4.488	0.247	24.714	4.943	0.367	36.700	909.5	ca	Open Sea	Intergenic	
chrs	47,363,718	3.59E-02	3.55E-03	0.822	82.203	0.709	70.866	0.106	10.817	1.39	0.163	1.39	13.854	2.771	-0.133	13.727	910.5	--	Open Sea	Intergenic
chrs	47,363,800	2.11E-02	3.55E-03	0.868	86.823	0.618	61.818	0.386	38.517	5.703	0.196	19.598	3.920	0.222	22.196	910.5	C-	Open Sea	Intergenic	
chrs	47,404,804	2.70E-02	4.55E-03	0.667	66.667	0.846	84.615	0.030	3.048	0.610	0.158	1.576	3.151	0.179	17.949	911.5	--	Open Sea	Intergenic	
chrs	47,404,835	3.35E-02	4.55E-03	0.696	69.643	0.857	85.714	0.047	4.676	0.935	0.097	9.679	1.936	0.161	16.071	911.5	--	Open Sea	Intergenic	
chrs	51,899,525	1.06E-02	5.89E-05	0.349	51.899	0.603	60.345	0.346	34.923	2.08	0.154	1.54	19.524	0.154	19.524	912.5	--	Open Sea	Intergenic	
chrs	51,899,530	1.65E-02	5.89E-01	0.323	32.258	0.638	63.793	0.083	36.295	7.659	0.307	30.747	6.149	0.315	31.535	912.5	CG nearby	Open Sea	Intergenic	
chrs	55,586,064	1.16E-02	9.83E-02	0.852	85.185	0.538	53.846	0.089	8.893	1.779	0.251	25.115	5.023	-0.313	-31.339	913.5	--	Open Sea	Intergenic	
chrs	55,586,855	3.64E-02	1.32E-01	0.491	49.091	0.696	69.585	0.248	24.842	4.968	0.098	9.755	1.951	0.205	20.474	913.5	--	Open Sea	Intergenic	
chrs	56,002,432	3.18E-02	3.72E-03	0.816	81.579	0.591	59.159	0.351	35.219	7.859	0.178	17.849	3.570	-0.235	-23.514	914.5	--	Open Sea	Intergenic	
chrs	56,002,495	2.47E-02	3.72E-03	0.854	82.353	0.650	65.000	0.101	10.116	2.023	0.091	9.068	1.814	-0.174	-17.353	914.5	--	Open Sea	Intergenic	
chrs	56,005,575	1.16E-02	8.10E-03	0.867	86.667	0.634	63.415	0.115	11.467	2.293	0.118	11.825	2.365	-0.233	-23.252	915.5	TA	Open Sea	Intergenic	
chrs	56,005,683	1.52E-02	8.10E-03	0.583	58.333	0.848	84.848	0.194	19.361	3.872	0.114	11.426	2.285	0.265	26.515	915.5	--	Open Sea	Intergenic	
chrs	56,275,387	4.61E-02	0.12E-02	0.768	76.848	0.136	13.648	0.169	16.492	2.366	0.141	14.161	2.366	0.141	14.161	916.5	TT	Open Sea	Intergenic	
chrs	56,275,520	2.75E-02	33.33E-03	0.532	53.226	0.205	20.462	0.092	9.176	17.615	0.353	19.992	3.523	0.199	19.892	916.5	TG	Open Sea	Intergenic	
chrs	57,308,696	4.91E-02	6.14E-03	0.619	61.905	0.500	50.000	0.046	4.594	0.919	0.069	6.901	1.380	-0.119	-11.905	917.5	gc	Open Sea	Intergenic	
chrs	57,308,850	2.83E-02	6.14E-03	0.650	65.027	0.757	75.681	0.073	7.349	1.470	0.069	6.868	1.374	0.106	10.634	917.5	--	Open Sea	Intergenic	
chrs	59,546,739	8.78E-02	0.51E-03	0.253	25.283	0.759	75.903	0.141	14.163	2.336	0.141	14.163	2.336	0.141	14.163	918.5	--	Open Sea	Intergenic	
chrs	59,547,345	1.37E-02	1.37E-02	0.714	71.429	0.346	34.615	0.372	37.240	7.448	0.235	23.585	4.717	-0.368	-36.813	918.5	--	Open Sea	Intergenic	
chrs	61,164,091	1.88E-02	9.70E-03	0.357	35.714	0.647	64.706	0.176	17.587	3.517	0.263	25.326	5.065	0.290	28.992	919.5	Check manually	Open Sea	Intergenic	
chrs	61,164,223	4.29E-02	2.66E-02	0.273	27.273	0.527	52.727	0.355	35.485	7.097	0.315	31.543	6.309	0.255	25.455	919.5	Check manually	Open Sea	Intergenic	
chrs	62,886,997	3.18E-02	3.18E-02	0.462	46.154	0.462	46.154	0.199	19.911	1.19	0.122	1.19	12.229	0.122	12.229	920.5	--	Open Sea	Intergenic	
chrs	62,887,194	4.75E-02	7.91E-03	0.767	76.667	0.529	52.941	0.359	35.855	7.171	0.231	23.116	4.623	-0.237	-23.725	920.5	AG	Open Sea	Intergenic	
chrs	63,240,861	1.73E-03	4.16E-02	0.838	83.803	0.650	65.041	0.078	7.777	1.555	0.076	7.607	1.521	-0.188	-18.762	921.5	--	Open Sea	Intergenic	
chrs	63,241,656	4.86E-02	6.30E-02	0.900	90.000	0.700	70.000	0.423	42.265	8.453	0.124	12.383	2.477	-0.200	-20.000	921.5	TA	Open Sea	Intergenic	
chrs	63,275,767	2.37E-02	2.01E-01	0.365	36.500	0.452	45.151	0.395	39.922	7.084	0.193	19.326	3.865	0.265	26.500	922.5	--	Open Sea	Intergenic	
chrs	63,276,268	3.81E-02	3.81E-02	0.415	41.463	0.650	65.000	0.154	15.354	3.071	0.325	32.468	6.694	0.235	23.537	922.5	--	Open Sea	Intergenic	
chrs	64,959,314	2.12E-02	5.73E-03	0.724	72.414	0.400	40.000	0.385	38.531	7.706	0.283	28.322	5.664	-0.324	-32.414	923.5	TA	Open Sea	Intergenic	
chrs	64,959,327	4.90E-02	1.80E-02	0.800	80.000	0.476	47.619	0.400	40.116	8.023	0.328	32.796	6.559	-0.324	-32.381	923.5	AC	Open Sea	Intergenic	
chrs	65,889,613	8.03E-03	8.03E-03	0.750	75.000	0.452	45.151	0.395	39.922	7.084	0.193	19.326	3.865	0.265	26.500	924.5	TA	Open Sea	Intergenic	
chrs	65,889,719	4.36E-03	1.20E-02	0.613	61.290	0.258	25.806	0.216	21.625	4.325	0.145	14.476	2.895	-0.355	-35.484	924.5	--	Open Sea	Intergenic	
chrs	67,621,851	4.80E-02	6.78E-02	0.884	88.372	0.703	70.270	0.084	8.367	1.673	0.217	21.731	4.346	-0.181	-18.102	925.5	CG nearby	Open Sea	Intergenic	
chrs	67,621,851	4.80E-02	6.78E-02	0.884	88.372	0.703	70.270	0.084	8.367	1.673	0.217	21.731	4.346	-0.181	-18.102	925.5	CG nearby	Open Sea	Intergenic	
chrs	67,621,886	3.35E-02	4.76E-02	0.833	83.333	0.618	61.765	0.117	11.682	2.336	0.139	13.916	2.783	-0.216	-21.569	925.5	CG nearby	Open Sea	Intergenic	
chrs	68,733,439	5.16E-03	1.18E-05	0.179	17.857	0.439	43.860	0.083	8.315	1.663	0.148	14.848	2.970	0.260	26.003	926.5	TA	Open Sea	Intergenic	
chrs	68,733,607	1.79E-02	2.18E-05	0.222	22.222	0.542	54.167	0.230	16.771	3.354	0.16									

chrs	105,769,466	4.86E-03	2.40E-04	0.277	27.660	0.660	65.957	0.135	21.308	4.262	0.177	17.685	3.537	0.383	38.298	945.5	--	Open Sea	Intron 2/2	Lnc8d
chrs	105,769,466	4.86E-03	2.40E-04	0.277	27.660	0.660	65.957	0.213	21.308	4.262	0.177	17.685	3.537	0.383	38.298	945.5	--	Open Sea	Intron 2/2	Lnc8d
chrs	105,769,466	2.40E-03	2.40E-04	0.277	27.660	0.660	65.957	0.213	21.308	4.262	0.177	17.685	3.537	0.383	38.298	945.5	--	Open Sea	Intron 2/2	Lnc8d
chrs	109,133,480	2.70E-02	4.60E-03	0.564	56.364	0.762	78.182	0.160	16.029	3.206	0.114	11.364	2.273	0.218	21.818	946.5	--	Open Sea	Intergenic	
chrs	109,133,555	1.71E-02	4.60E-03	0.522	52.174	0.828	82.759	0.239	23.939	4.788	0.128	12.790	2.558	0.306	30.585	946.5	--	Open Sea	Intergenic	
chrs	111,058,572	6.81E-03	3.84E-03	0.872	87.179	0.513	51.282	0.105	10.527	2.105	0.280	27.892	5.598	-0.359	-38.897	947.5	TG	Open Sea	Intron 2/22	Tlc28
chrs	111,058,579	2.72E-02	4.76E-03	0.865	86.496	0.650	65.950	0.267	26.600	10.364	0.104	10.364	2.811	-0.077	-21.486	947.5	--	Open Sea	Intron 2/22	Tlc28
chrs	113,900,330	3.27E-02	3.13E-02	0.900	90.000	0.771	77.143	0.079	7.897	1.579	0.087	8.746	1.749	-0.129	-12.857	948.5	--	Open Sea	Intron 1/10	Coro1c
chrs	113,900,433	3.16E-02	4.63E-03	0.873	87.255	0.755	75.510	0.076	7.625	1.525	0.070	7.047	1.409	-0.117	-11.745	948.5	--	Open Sea	Intron 1/10	Coro1c
chrs	116,774,800	1.01E-02	7.54E-02	0.367	36.667	0.737	73.684	0.311	31.112	6.222	0.164	16.431	3.286	0.370	37.018	949.5	--	Open Sea	Intergenic	
chrs	116,775,722	3.42E-02	3.42E-02	0.636	63.729	0.636	63.729	0.202	20.240	4.048	0.163	16.306	3.261	0.215	21.470	949.5	--	Open Sea	Intergenic	
chrs	123,461,732	4.07E-02	5.92E-03	0.359	35.938	0.574	57.407	0.202	20.240	4.048	0.163	16.306	3.261	0.215	21.470	950.5	AC	Open Sea	Intergenic	
chrs	123,461,752	1.83E-03	5.92E-03	0.294	29.412	0.544	54.412	0.087	8.722	1.744	0.219	21.949	4.390	0.250	25.000	950.5	CG nearby	Open Sea	Intergenic	
chrs	123,461,861	3.01E-02	6.07E-03	0.369	36.916	0.486	48.624	0.165	16.456	3.291	0.059	5.906	1.181	0.117	11.708	950.5	--	Open Sea	Intergenic	
chrs	127,158,105	3.58E-02	3.29E-02	0.682	68.246	0.807	80.672	0.122	12.200	2.440	0.131	13.063	2.811	0.174	17.424	951.5	TA	Open Sea	Intergenic	
chrs	127,158,109	4.48E-02	3.29E-02	0.687	68.696	0.802	80.172	0.144	14.352	2.870	0.111	11.108	2.222	0.115	11.477	951.5	Check manually	Open Sea	Intergenic	
chrs	127,741,575	2.35E-02	1.64E-01	0.364	36.364	0.632	63.156	0.182	18.164	3.633	0.211	21.118	4.224	0.288	28.794	952.5	--	Open Sea	Intergenic	
chrs	127,742,071	3.00E-02	2.00E-01	0.648	64.754	0.776	77.612	0.183	18.257	3.651	0.099	9.887	1.977	0.129	12.858	952.5	--	Open Sea	Intergenic	
chrs	128,621,291	2.30E-02	6.98E-07	0.172	17.241	0.386	38.750	0.093	9.253	1.851	0.184	18.445	3.689	0.215	21.509	953.5	--	Open Sea	Intergenic	
chrs	128,621,419	1.18E-02	5.36E-05	0.190	19.048	0.591	59.091	0.135	13.458	2.692	0.285	28.529	5.706	0.400	40.043	953.5	--	Open Sea	Intergenic	
chrs	132,130,679	3.61E-02	7.54E-01	0.280	28.000	0.583	58.333	0.229	22.854	4.571	0.247	24.676	4.935	0.303	30.333	954.5	TA	Open Sea	Intron 2/18	Aut2s
chrs	132,130,832	2.80E-02	4.75E-02	0.669	66.792	0.677	67.668	0.077	7.668	1.534	0.181	18.077	3.615	-0.245	-24.455	954.5	TA	Open Sea	Intergenic	Aut2s
chrs	133,856,377	2.54E-02	1.46E-03	0.130	13.043	0.417	41.667	0.052	5.170	1.834	0.217	21.660	4.332	0.286	28.623	955.5	Check manually	Open Sea	Intergenic	
chrs	133,856,448	1.37E-02	5.72E-04	0.333	33.333	0.592	59.184	0.152	15.210	3.042	0.184	18.372	3.674	0.259	25.850	955.5	TG	S Shelf	Intergenic	
chrs	134,974,581	2.44E-03	1.88E-01	0.194	19.355	0.600	60.000	0.190	19.965	3.793	0.261	26.087	5.217	0.406	40.645	956.5	--	Open Sea	Intergenic	
chrs	134,975,496	4.87E-02	5.46E-03	0.828	82.759	0.536	53.571	0.135	13.491	2.698	0.361	36.580	7.216	0.292	29.187	956.5	--	Open Sea	Intergenic	
chrs	135,093,323	2.08E-02	1.16E-02	0.614	61.404	0.464	46.377	0.174	17.450	1.22	0.480	4.800	1.216	-0.150	-15.027	957.5	--	S Shelf	Intergenic	
chrs	135,093,302	4.27E-02	5.28E-01	0.650	64.964	0.514	51.351	0.093	9.313	1.863	0.128	12.829	2.566	-0.167	-13.612	957.5	--	S Shelf	Intergenic	
chrs	145,594,497	2.32E-02	1.27E-02	0.547	54.676	0.411	41.135	0.120	11.977	2.395	0.133	13.270	2.654	-0.135	-13.542	958.5	GG	Open Sea	Intergenic	
chrs	145,594,529	3.45E-02	9.21E-02	0.367	36.712	0.507	50.705	0.221	22.109	3.705	0.289	28.907	5.397	0.166	16.610	959.5	CG	Open Sea	Intergenic	
chrs	147,723,810	4.52E-03	3.81E-02	0.250	25.000	0.583	58.333	0.221	22.066	4.413	0.276	27.606	5.521	0.333	33.333	959.5	--	N Shore	Intron 1/29	Flt1
chrs	147,723,810	4.52E-03	3.81E-02	0.250	25.000	0.583	58.333	0.221	22.066	4.413	0.276	27.606	5.521	0.333	33.333	959.5	--	N Shore	Intron 1/12	Flt1
chrs	147,723,815	3.80E-02	3.81E-02	0.174	17.391	0.417	41.667	0.141	14.093	2.819	0.374	37.371	7.474	0.243	24.275	959.5	--	N Shore	Intron 1/29	Flt1
chrs	147,723,815	3.80E-02	3.81E-02	0.174	17.391	0.417	41.667	0.141	14.093	2.819	0.374	37.371	7.474	0.243	24.275	959.5	--	N Shore	Intron 1/12	Flt1
chrs	148,756,583	2.13E-02	6.71E-02	0.708	70.769	0.873	87.324	0.207	20.668	4.134	0.072	7.237	1.447	0.166	16.555	960.5	--	Open Sea	Intergenic	
chrs	148,755,690	5.16E-03	1.15E-03	0.404	40.426	0.712	71.154	0.107	10.739	2.148	0.117	11.710	2.342	0.307	30.728	960.5	--	Open Sea	Intergenic	
chrs	149,015,379	2.01E-02	1.66E-02	0.472	47.170	0.255	25.455	0.268	26.811	5.362	0.161	16.061	3.212	-0.217	-21.715	961.5	gt	Open Sea	Intergenic	
chrs	149,015,412	9.70E-02	4.02E-04	0.069	6.920	0.303	30.303	0.143	14.282	2.143	0.145	14.589	2.856	-0.200	-20.000	962.5	CG	Open Sea	Intergenic	
chrs	4.647,457	5.76E-03	1.83E-03	0.349	34.884	0.683	68.293	0.214	21.420	4.284	0.190	19.011	3.802	0.334	33.409	962.5	--	Open Sea	Intergenic	
chrs	4.647,854	4.45E-02	8.36E-02	0.564	56.364	0.692	69.231	0.087	8.682	1.736	0.046	4.576	0.915	0.129	12.867	962.6	--	Open Sea	Intergenic	
chrs	7.596,283	4.99E-02	2.75E-01	0.844	84.444	0.725	72.527	0.078	7.846	1.569	0.130	13.003	2.601	-0.119	-11.917	962.6	Check manually	Open Sea	Intergenic	
chrs	7.597,276	1.09E-02	5.01E-01	0.515	51.509	0.569	56.923	0.153	15.309	2.463	0.153	15.309	2.463	0.153	15.309	962.6	AG	Open Sea	Intergenic	
chrs	7.852,504	1.36E-02	7.04E-03	0.380	38.028	0.603	60.317	0.082	8.177	1.635	0.214	21.402	4.280	0.223	22.289	964.6	ta	Open Sea	Intron 1/3	C1ga1t
chrs	7.852,511	2.06E-02	7.04E-03	0.275	27.536	0.470	46.970	0.124	12.432	2.486	0.263	2.598	5.260	0.194	19.433	964.6	--	Open Sea	Intron 1/3	C1ga1t
chrs	9.840,021	2.20E-02	2.20E-02	0.761	76.106	0.556	55.556	0.122	12.177	2.435	0.107	10.688	2.140	-0.205	-20.501	965.6	AA	Open Sea	Intergenic	
chrs	9.840,253	1.38E-02	1.38E-01	0.761	76.106	0.711	71.084	0.191	19.083	1.494	0.103	10.361	2.507	-0.131	-13.062	965.6	TA	Open Sea	Intergenic	
chrs	9.846,068	4.46E-02	2.71E-01	0.585	58.522	0.371	37.097	0.288	28.800	5.760	0.071	7.094	1.419	-0.189	-18.425	966.6	--	Open Sea	Intergenic	
chrs	9.854,340	3.12E-02	7.01E-02	0.761	76.106	0.875	87.500	0.117	11.654	2.331	0.086	8.563	1.713	0.114	11.394	966.6	--	Open Sea	Intergenic	
chrs	9.929,088	4.70E-02	4.51E-03	0.500	50.000	0.655	65.546	0.087	8.715	1.743	0.153	15.344	3.069	0.155	15.546	967.6	--	Open Sea	Intergenic	
chrs	9.929,229	3.68E-02	5.83E-02	0.641	64.448	0.691	69.088	0.191	19.083	3.816	0.130	13.083	2.507	-0.131	-13.062	967.6	Check manually	Open Sea	Intergenic	
chrs	10.883,886	4.91E-02	5.77E-03	0.632	63.158	0.760	75.962	0.177	17.691	3.538	0.036	3.579	0.716	0.122	12.804	968.6	CA	Open Sea	Intergenic	
chrs	10.884,068	1.60E-02	3.80E-03	0.760	76.042	0.605	60.504	0.113	11.330	2.266	0.124	12.429	2.486	-0.155	-15.537	968.6	Check manually	Open Sea	Intergenic	
chrs	11.020,991	2.19E-02	2.47E-02	0.840	84.000	0.563	56.250	0.130	12.996	2.599	0.105	10.468	2.094	-0.278	-27.750	969.6	--	Open Sea	Intergenic	
chrs	11.021,013	3.15E-02	0.83E-03	0.833	83.333	0.373	37.273	0.152	15.255	2.455	0.160	16.005	2.321	-0.286	-28.605	969.6	--	Open Sea	Intergenic	
chrs	11.164,205	3.94E-02	9.49E-02	0.722	72.222	0.444	44.444	0.247	24.717	4.943	0.259	25.921	5.184	-0.278	-27.778	970.6	--	Open Sea	Intergenic	
chrs	11.164,282	2.23E-01	0.51E-02	0.516	51.613	0.757	75.676	0.245	24.465	4.893	0.185	18.485	3.697	0.241	24.063	970.6	--	Open Sea	Intergenic	
chrs	12.390,211	2.72E-02	1.18E-01	0.577	57.692	0.828	82.759	0.354	33.417	6.683	0.097	9.726	1.945	0.251	25.066	971.6	TC	Open Sea	Intergenic	
chrs	12.390,418	1.33E-02	0.44E-01	0.641	64.068	0.672	67.168	0.257	25.640	5.340	0.240	24.640	4.231	0.231	23.121	971.6	CA	Open Sea	Intergenic	

chr6	61,653,107	4.86E-02	2.39E-02	0.605	60.465	0.390	39.024	0.223	22.325	4.465	0.199	19.912	3.962	-0.214	-21.441	992.6	TA	Open Sea	Intron 2/4	Ccser1
chr6	64,997,276	3.01E-03	8.47E-01	0.357	35.714	0.767	76.687	0.181	18.110	3.622	0.169	16.851	3.370	0.410	40.952	993.6	CA	Open Sea	Intergenic	
chr6	64,997,301	8.47E-01	8.47E-01	0.357	35.714	0.767	76.687	0.181	18.110	3.622	0.169	16.851	3.370	0.410	40.952	993.6	TT	Open Sea	Intergenic	
chr6	69,072,361	1.86E-02	2.67E-02	0.704	70.730	0.385	38.462	0.157	15.658	3.132	0.202	20.194	4.039	-0.019	-31.909	994.6	TT	Open Sea	Intergenic	
chr6	69,072,412	3.54E-02	2.67E-02	0.464	46.429	0.767	76.687	0.283	28.284	5.657	0.217	21.750	4.350	0.302	30.238	994.6	--	Open Sea	Intergenic	
chr6	74,366,821	2.80E-02	4.48E-02	0.696	69.643	0.862	86.154	0.170	17.002	3.400	0.069	6.944	1.389	0.165	16.511	995.6	--	S Shelf	Intergenic	
chr6	74,366,897	1.58E-02	0.93E-02	0.379	37.943	0.667	66.667	0.137	13.791	6.713	0.281	28.085	1.343	0.281	28.736	995.6	--	Open Sea	Intergenic	
chr6	74,393,997	3.71E-02	9.93E-02	0.404	40.367	0.562	56.190	0.067	6.676	1.335	0.165	16.537	3.307	0.158	15.824	996.6	TA	Open Sea	Intergenic	
chr6	74,394,052	3.57E-02	6.09E-03	0.388	38.835	0.555	55.455	0.123	12.344	2.469	0.126	12.587	2.517	0.166	16.620	996.6	TA	Open Sea	Intergenic	
chr6	74,591,597	3.53E-02	1.29E-04	0.114	11.429	0.333	33.333	0.164	16.413	3.293	0.280	28.003	5.601	0.219	21.905	997.6	--	Open Sea	Intergenic	
chr6	74,592,424	2.27E-02	0.60E-02	0.887	88.707	0.887	88.707	0.600	60.000	2.27E-02	0.600	6.000	2.297	0.777	26.667	997.6	--	Open Sea	Intergenic	
chr6	74,714,151	3.90E-02	2.48E-02	0.871	87.097	0.755	75.510	0.068	6.753	1.351	0.107	10.729	2.146	-0.116	-11.587	998.6	--	Open Sea	Intergenic	
chr6	74,714,357	4.19E-02	4.19E-02	0.843	84.314	0.678	67.797	0.109	10.937	2.187	0.060	5.974	1.195	-0.165	-16.517	998.6	--	Open Sea	Intergenic	
chr6	75,703,824	6.92E-03	4.10E-03	0.259	25.926	0.568	56.757	0.356	35.591	7.118	0.201	20.116	4.023	0.308	30.831	999.6	--	Open Sea	Intergenic	
chr6	75,704,296	2.96E-02	2.96E-02	0.224	22.581	0.486	48.649	0.169	16.868	3.374	0.224	22.460	4.480	0.281	28.068	999.6	--	Open Sea	Intergenic	
chr6	76,262,243	4.28E-02	1.58E-02	0.333	33.333	0.571	57.143	0.146	14.554	2.911	0.217	21.731	4.346	0.238	23.810	1000.6	--	Open Sea	Intergenic	
chr6	76,262,342	3.29E-02	1.58E-02	0.438	43.750	0.673	67.308	0.315	31.476	6.295	0.084	6.373	1.675	0.236	23.558	1000.6	--	Open Sea	Intergenic	
chr6	76,481,514	3.02E-02	1.87E-01	0.484	48.367	0.219	21.875	0.280	27.975	5.595	0.176	17.625	3.525	-0.265	-26.512	1001.6	TT	Open Sea	Intergenic	
chr6	76,482,561	4.81E-02	1.74E-01	0.625	62.500	0.806	80.645	0.071	7.097	1.419	0.185	18.509	3.002	0.181	18.145	1001.6	di	Open Sea	Intergenic	
chr6	81,384,444	1.13E-02	1.13E-02	0.565	56.522	0.893	89.286	0.242	24.224	4.845	0.106	10.595	2.119	0.328	32.764	1002.6	--	Open Sea	Intergenic	
chr6	81,384,809	4.04E-02	4.04E-02	0.850	85.000	0.577	57.692	0.423	42.265	8.453	0.055	5.477	1.095	-0.273	-27.308	1002.6	--	Open Sea	Intergenic	
chr6	82,993,119	2.07E-02	6.56E-01	0.816	81.633	0.614	61.404	0.094	9.372	1.874	0.218	21.806	4.361	-0.202	-20.229	1003.6	--	Open Sea	Intergenic	
chr6	92,856,253	2.03E-02	6.05E-03	0.273	27.273	0.556	55.556	0.170	16.976	3.395	0.143	14.294	2.859	0.238	23.823	1004.6	--	Open Sea	Intron 26/39	Adams9
chr6	92,856,450	3.61E-02	1.43E-04	0.581	58.065	0.818	81.818	0.273	27.309	5.462	0.189	18.944	3.789	0.283	23.754	1004.6	TG	Open Sea	Intron 26/39	Adams9
chr6	100,467,123	2.78E-02	6.48E-03	0.821	82.090	0.622	62.319	0.114	11.408	1.522	0.252	15.172	3.058	-0.198	-19.771	1005.6	--	CG Island	Intergenic	
chr6	100,467,157	3.06E-02	6.48E-03	0.874	89.744	0.703	70.270	0.053	5.325	0.189	0.359	18.929	3.786	0.281	28.054	1005.6	--	CG Island	Intergenic	
chr6	102,785,226	3.68E-02	2.35E-01	0.559	55.882	0.316	31.579	0.192	19.185	3.837	0.193	19.292	3.358	-0.243	-24.303	1006.6	--	Open Sea	Intergenic	
chr6	102,785,298	4.23E-02	2.35E-01	0.600	60.000	0.344	34.375	0.206	20.585	4.117	0.094	9.380	1.876	-0.256	-25.625	1006.6	--	Open Sea	Intergenic	
chr6	104,125,797	3.66E-02	3.26E-02	0.623	62.319	0.643	64.266	0.354	35.426	7.095	0.229	22.919	4.062	-0.198	-19.771	1007.6	--	Open Sea	Intergenic	
chr6	104,125,847	4.72E-02	3.26E-02	0.731	73.077	0.535	53.488	0.139	13.946	2.789	0.276	27.621	5.524	-0.196	-19.589	1007.6	--	Open Sea	Intergenic	
chr6	104,126,378	2.69E-02	3.04E-01	0.318	31.818	0.446	44.578	0.316	31.617	6.323	0.146	14.620	2.924	0.328	32.760	1007.6	TT	Open Sea	Intergenic	
chr6	104,342,995	4.73E-02	4.73E-02	0.714	71.429	0.409	40.909	0.458	45.795	9.159	0.084	8.368	1.674	-0.105	-10.519	1008.6	CT	Open Sea	Intergenic	
chr6	104,343,285	3.05E-02	3.85E-02	0.623	62.319	0.731	73.099	0.105	10.535	1.027	0.176	17.341	3.058	0.108	10.754	1008.6	--	Open Sea	Intergenic	
chr6	104,431,718	2.24E-02	1.19E-01	0.345	34.483	0.650	65.000	0.221	22.212	0.244	0.220	22.016	4.403	0.305	30.517	1009.6	TC	Open Sea	Intergenic	
chr6	104,431,957	3.67E-02	8.27E-02	0.642	64.198	0.851	82.143	0.169	16.918	3.384	0.191	19.084	3.817	0.179	17.945	1009.6	at	Open Sea	Intergenic	
chr6	104,702,927	4.90E-02	5.92E-02	0.716	71.622	0.861	86.111	0.066	6.599	3.320	0.078	7.789	1.558	0.145	14.489	1010.6	--	Open Sea	Intergenic	
chr6	104,703,070	3.20E-02	0.66E-01	0.311	31.090	0.471	47.122	0.122	12.235	2.447	0.369	36.929	7.396	-0.384	-38.416	1010.6	--	Open Sea	Intergenic	
chr6	109,964,361	1.62E-03	2.02E-03	0.436	43.636	0.762	76.190	0.067	6.700	1.340	0.066	6.599	1.320	0.236	32.554	1011.6	CC	Open Sea	Intergenic	
chr6	109,964,361	3.05E-02	2.02E-03	0.716	71.642	0.517	51.724	0.198	19.789	3.958	0.107	10.678	2.136	-0.199	-19.918	1011.6	--	Open Sea	Intergenic	
chr6	110,731,650	2.78E-02	2.30E-03	0.500	50.000	0.699	69.880	0.175	17.501	3.500	0.149	14.903	2.981	0.199	19.880	1012.6	--	Open Sea	Intergenic	Check manually
chr6	110,731,657	4.90E-02	2.30E-03	0.500	50.000	0.645	64.500	0.121	12.121	1.024	0.147	14.669	2.984	0.234	23.404	1012.6	--	Open Sea	Intergenic	Check manually
chr6	117,054,133	4.86E-02	5.40E-02	0.772	77.174	0.926	92.632	0.128	12.836	2.567	0.132	13.247	2.649	0.155	15.458	1013.6	--	Open Sea	Intergenic	
chr6	117,054,233	3.63E-02	5.22E-02	0.871	87.143	0.724	72.414	0.085	8.466	1.693	0.104	10.365	2.073	-0.147	-14.729	1013.6	--	Open Sea	Intergenic	
chr6	118,935,970	2.95E-02	7.53E-07	0.353	35.294	0.580	58.000	0.141	14.079	2.816	0.224	22.369	4.474	0.227	22.706	1014.6	AG	Open Sea	Intron 3/46	Cacna1c
chr6	118,935,970	2.95E-02	7.53E-07	0.353	35.294	0.580	58.000	0.141	14.079	2.816	0.224	22.369	4.474	0.227	22.706	1014.6	AG	Open Sea	Intron 3/47	Cacna1c
chr6	118,936,149	1.90E-02	1.90E-02	0.159	15.909	0.381	38.095	0.403	40.326	8.065	0.101	10.095	2.019	0.222	22.186	1014.6	CG	Open Sea	Intron 3/46	Cacna1c
chr6	118,936,149	1.90E-02	1.97E-06	0.159	15.909	0.381	38.095	0.403	40.326	8.065	0.101	10.095	2.019	0.222	22.186	1014.6	CG	Open Sea	Intron 3/47	Cacna1c
chr6	120,121,652	3.92E-02	2.03E-02	0.671	67.123	0.812	81.188	0.179	17.935	3.587	0.150	14.952	2.990	0.141	14.085	1015.6	--	Open Sea	Intergenic	
chr6	120,122,388	4.78E-02	1.81E-01	0.645	64.516	0.889	88.989	0.229	22.940	4.589	0.420	41.989	8.398	0.644	64.373	1015.6	--	Open Sea	Intergenic	
chr6	121,606,264	7.82E-03	6.97E-04	0.370	37.037	0.731	73.077	0.245	24.498	4.900	0.193	19.334	3.867	0.380	38.040	1016.6	--	Open Sea	Intergenic	
chr6	121,606,290	1.35E-02	6.97E-04	0.406	40.625	0.706	70.588	0.218	21.833	4.367	0.123	12.271	2.454	0.300	29.963	1016.6	--	Open Sea	Intergenic	
chr6	122,219,405	3.14E-02	3.75E-02	0.568	56.816	0.806	80.556	0.280	27.999	5.600	0.192	19.203	3.841	0.237	23.737	1017.6	--	Open Sea	Intergenic	
chr6	122,219,436	1.22E-03	1.01E-01	0.585	58.505	0.805	80.505	0.225	22.495	4.500	0.148	14.815	3.841	0.221	22.109	1017.6	--	Open Sea	Intergenic	
chr6	123,386,435	1.40E-02	6.68E-02	0.709	70.909	0.881	88.673	0.056	5.599	1.120	0.162	16.229	3.246	0.177	17.164	1018.6	--	Open Sea	Intergenic	
chr6	123,386,645	3.11E-02	2.40E-01	0.667	66.667	0.807	80.734	0.093	9.257	1.851	0.107	10.720	2.144	0.141	14.067	1018.6	--	Open Sea	Intergenic	
chr6	123,361,500	2.51E-02	4.69E-04	0.651	65.116	0.394	39.394	0.096	9.555	1.911	0.176	17.638	3.528	-0.257	-25.722	1019.6	--	Open Sea	Intergenic	
chr6	123,361,570	4.33E-02	4.69E-04	0.651	65.116	0.394	39.394	0.096	9.555	1.911	0.176	17.638	3.528	-0.257	-25.722	1019.6	--	Open Sea	Intergenic	
chr6	124,796,039	1.10E-02	6.02E-02	0.346	34.615	0.676	67.647	0.189	18.910	3.782	0.317	31.700	6.340	0.330	33.032	1020.6	--	Open Sea</		

chrf	31,463,623	4.98E-02	3.19E-01	0.622	62.162	0.852	85.185	0.383	38.259	7.652	0.208	20.787	4.157	0.230	23.023	1044_7	--	Open Sea	Intergenic
chrf	31,463,936	2.32E-02	2.90E-02	0.314	31.429	0.595	59.537	0.238	23.804	4.761	0.268	26.782	5.586	0.271	27.108	1044_7	--	Open Sea	Intergenic
chrf	37,199,677	5.19E-02	5.19E-02	0.571	57.143	0.571	57.143	0.150	15.003	8.334	0.334	33.373	6.305	0.334	33.373	42.143	--	Open Sea	Intergenic
chrf	37,199,722	2.79E-02	3.68E-02	0.300	30.000	0.636	63.636	0.233	23.803	6.667	0.260	25.998	5.306	0.260	25.998	1045_7	Check manually	Open Sea	Intergenic
chrf	39,422,880	3.57E-02	2.34E-03	0.737	73.684	0.568	56.757	0.178	17.813	3.563	0.116	11.602	2.320	-0.169	-16.927	1046_7	--	Open Sea	Intergenic
chrf	39,422,880	1.28E-02	2.88E-02	0.681	68.142	0.822	82.203	0.088	8.806	1.761	0.076	7.508	1.502	0.141	14.062	1046_7	--	Open Sea	Intergenic
chrf	40,573,903	4.22E-02	5.45E-04	0.565	56.565	0.833	83.333	0.565	56.565	7.176	0.359	35.980	6.021	0.359	35.980	1047_7	--	Open Sea	Intergenic
chrf	40,573,946	2.46E-02	5.45E-04	0.636	63.636	0.897	89.655	0.239	23.913	4.783	0.090	8.980	1.796	0.260	26.019	1047_7	--	Open Sea	Intergenic
chrf	42,116,984	1.19E-02	4.23E-02	0.306	30.556	0.667	66.667	0.151	15.090	3.018	0.189	18.659	3.372	0.361	36.111	1048_7	--	Open Sea	Intergenic
chrf	42,117,161	3.74E-02	5.54E-03	0.535	53.521	0.704	70.423	0.171	11.676	2.335	0.085	8.546	1.709	0.169	16.901	1048_7	--	Open Sea	Intergenic
chrf	42,387,023	1.35E-02	1.84E-01	0.143	14.287	0.825	82.500	0.144	14.444	0.144	0.116	11.648	2.885	0.320	30.150	1049_7	--	Open Sea	Intergenic
chrf	42,387,292	1.75E-02	2.25E-01	0.571	57.143	0.825	82.500	0.096	9.589	1.918	0.166	16.586	3.317	0.254	25.357	1049_7	--	Open Sea	Intergenic
chrf	42,824,047	7.35E-03	1.92E-03	0.566	56.579	0.778	77.778	0.086	8.643	1.729	0.082	8.205	1.641	0.217	21.199	1050_7	--	Open Sea	Intergenic
chrf	42,824,138	4.67E-02	1.92E-03	0.846	84.615	0.660	66.587	0.172	17.247	3.449	0.107	10.740	2.148	-0.182	-18.658	1050_7	--	Open Sea	Intergenic
chrf	43,763,854	1.89E-02	1.03E-02	0.769	76.923	0.556	55.556	0.132	13.250	2.650	0.227	22.698	4.540	-0.214	-21.368	1051_7	--	Open Sea	Intergenic
chrf	43,763,844	6.52E-03	1.99E-02	0.565	56.522	0.797	79.747	0.286	28.623	5.725	0.113	11.302	2.260	0.232	23.225	1051_7	--	Open Sea	Intergenic
chrf	44,363,854	3.62E-02	1.59E-03	0.604	60.417	0.396	39.623	0.206	20.588	4.118	0.209	20.882	4.176	-0.208	-20.794	1052_7	--	S Shelf	Intergenic
chrf	44,363,898	6.83E-02	8.32E-04	0.820	81.967	0.584	58.442	0.127	12.714	2.543	0.248	2.428	0.486	-0.235	-23.526	1052_7	--	Open Sea	Intergenic
chrf	47,687,365	3.90E-02	2.81E-01	0.583	58.252	0.716	71.552	0.087	8.742	1.748	0.085	8.490	1.698	0.133	13.229	1053_7	--	Open Sea	Intergenic
chrf	47,688,313	4.02E-02	1.24E-01	0.463	46.316	0.641	64.103	0.138	13.850	2.770	0.144	14.377	2.875	0.178	17.787	1053_7	TG	Open Sea	Intergenic
chrf	51,050,777	3.50E-02	5.63E-02	0.839	83.871	0.571	57.143	0.099	9.895	1.979	0.291	29.069	5.814	-0.267	-26.728	1054_7	--	Open Sea	Intergenic
chrf	51,050,975	3.15E-03	0.475	47.500	0.719	71.975	0.291	29.074	5.815	0.184	18.394	3.679	0.244	24.375	1054_7	--	Open Sea	Intergenic	
chrf	53,524,541	1.96E-02	9.07E-02	0.583	58.333	0.796	79.592	0.252	25.219	5.844	0.074	7.437	1.467	0.213	21.259	1055_7	--	Open Sea	Intergenic
chrf	53,524,925	1.10E-02	2.63E-01	0.360	36.000	0.724	72.414	0.367	36.670	7.334	0.184	18.409	3.682	0.364	36.414	1055_7	--	Open Sea	Intergenic
chrf	54,230,575	1.92E-02	9.81E-03	0.500	50.000	0.235	23.529	0.135	13.531	2.706	0.193	19.304	3.861	-0.265	-26.471	1056_7	--	Open Sea	Intergenic
chrf	54,230,637	2.19E-02	9.81E-03	0.214	21.429	0.522	52.174	0.175	17.853	0.274	0.274	27.355	5.471	0.307	30.745	1056_7	--	Open Sea	Intergenic
chrf	55,964,502	3.96E-02	1.51E-02	0.879	87.879	0.633	63.333	0.059	5.919	1.984	0.228	22.793	1.984	-0.245	-24.545	1057_7	--	S Shelf	Intergenic
chrf	55,964,585	3.75E-02	1.44E-02	0.594	59.375	0.833	83.333	0.239	23.942	4.788	0.173	17.301	3.460	0.240	23.958	1057_7	--	S Shelf	Intergenic
chrf	58,933,384	3.57E-02	5.34E-03	0.860	86.000	0.697	69.697	0.100	9.957	1.991	0.138	13.811	2.762	-0.163	-16.303	1058_7	--	Open Sea	Intergenic
chrf	58,933,384	2.50E-03	2.89E-03	0.757	75.744	0.545	54.545	0.757	75.744	0.860	0.102	10.242	1.913	-0.259	-25.943	1058_7	--	Open Sea	Intergenic
chrf	59,920,081	1.73E-03	5.36E-03	0.500	50.000	0.775	77.500	0.060	6.041	1.208	0.064	6.391	1.278	0.077	27.500	1059_7	--	Open Sea	Intergenic
chrf	59,920,251	1.79E-02	1.97E-02	0.438	43.810	0.615	61.458	0.178	17.767	3.553	0.101	10.137	2.027	0.176	17.649	1059_7	--	Open Sea	Intergenic
chrf	61,967,555	2.45E-02	1.20E-01	0.278	27.778	0.552	55.172	0.135	13.482	2.696	0.300	29.951	5.990	0.274	27.395	1060_7	--	Open Sea	Intergenic
chrf	61,967,555	1.20E-02	1.20E-01	0.278	27.778	0.552	55.172	0.135	13.482	2.696	0.300	29.951	5.990	0.274	27.395	1060_7	--	Open Sea	Intergenic
chrf	61,967,567	2.72E-02	1.91E-01	0.162	16.243	0.423	42.308	0.193	19.286	3.857	0.229	22.914	4.583	0.261	26.091	1061_7	--	Open Sea	Intergenic
chrf	61,967,567	2.72E-02	1.91E-01	0.162	16.216	0.423	42.308	0.193	19.286	3.857	0.229	22.914	4.583	0.261	26.091	1061_7	--	Open Sea	Intergenic
chrf	65,338,043	3.49E-02	1.19E-01	0.172	17.241	0.393	39.344	0.099	9.924	1.985	0.221	22.072	4.414	0.221	22.103	1061_7	CT	Open Sea	Intergenic
chrf	65,338,043	3.49E-02	1.19E-01	0.172	17.241	0.393	39.344	0.099	9.924	1.985	0.221	22.072	4.414	0.221	22.103	1061_7	CT	Open Sea	Intergenic
chrf	65,338,043	3.49E-02	1.19E-01	0.172	17.241	0.393	39.344	0.099	9.924	1.985	0.221	22.072	4.414	0.221	22.103	1061_7	CT	Open Sea	Intergenic
chrf	65,338,813	3.79E-02	3.79E-02	0.486	48.649	0.714	71.429	0.274	27.394	5.479	0.087	8.718	1.744	0.228	22.780	1061_7	ag	Open Sea	Intergenic
chrf	65,338,813	3.79E-02	3.79E-02	0.486	48.649	0.714	71.429	0.274	27.394	5.479	0.087	8.718	1.744	0.228	22.780	1061_7	ag	Open Sea	Intergenic
chrf	65,338,813	3.79E-02	3.79E-02	0.486	48.649	0.714	71.429	0.274	27.394	5.479	0.087	8.718	1.744	0.228	22.780	1061_7	ag	Open Sea	Intergenic
chrf	65,354,643	3.93E-02	1.18E-04	0.909	90.909	0.766	76.563	0.197	19.688	3.938	0.124	12.366	2.473	-0.143	-14.347	1062_7	--	Open Sea	Intergenic
chrf	65,354,643	3.93E-02	1.18E-04	0.909	90.909	0.766	76.563	0.197	19.688	3.938	0.124	12.366	2.473	-0.143	-14.347	1062_7	--	Open Sea	Intergenic
chrf	65,354,643	3.93E-02	1.18E-04	0.909	90.909	0.766	76.563	0.197	19.688	3.938	0.124	12.366	2.473	-0.143	-14.347	1062_7	--	Open Sea	Intergenic
chrf	65,354,643	3.93E-02	1.18E-04	0.909	90.909	0.766	76.563	0.197	19.688	3.938	0.124	12.366	2.473	-0.143	-14.347	1062_7	--	Open Sea	Intergenic
chrf	65,354,679	1.27E-02	1.18E-04	0.885	88.462	0.672	67.164	0.193	19.306	3.861	0.245	24.508	4.902	-0.213	-21.297	1062_7	AA	Open Sea	Intergenic
chrf	65,354,679	1.27E-02	1.18E-04	0.885	88.462	0.672	67.164	0.193	19.306	3.861	0.245	24.508	4.902	-0.213	-21.297	1062_7	AA	Open Sea	Intergenic
chrf	65,354,679	1.27E-02	1.18E-04	0.885	88.462	0.672	67.164	0.193	19.306	3.861	0.245	24.508	4.902	-0.213	-21.297	1062_7	AA	Open Sea	Intergenic
chrf	65,354,679	1.27E-02	1.18E-04	0.885	88.462	0.672	67.164	0.193	19.306	3.861	0.245	24.508	4.902	-0.213	-21.297	1062_7	AA	Open Sea	Intergenic
chrf	69,947,020	2.87E-02	4.46E-02	0.157	15.686	0.354	35.417	0.133	13.251	2.650	0.094	9.364	1.873	0.197	19.730	1063_7	--	Open Sea	Intergenic
chrf	69,947,020	1.34E-02	4.46E-02	0.340	34.043	0.610	60.976	0.189	18.930	3.786	0.138	13.795	2.759	0.169	26.933	1063_7	--	Open Sea	Intergenic
chrf	70,254,334	2.72E-02	2.70E-03	0.446	44.643	0.646	64.615	0.311	31.126	6.225	0.074	7.440	1.488	0.200	19.973	1064_7	--	Open Sea	Intergenic
chrf	72,194,581	1.78E-02	2.70E-03	0.446	44.643	0.646	64.615	0.311	31.126	6.225	0.074	7.440	1.488	0.200	19.973	1064_7	--	Open Sea	Intergenic
chrf	72,194,581	4.30E-02	7.74E-03	0.618	61.765	0.853	85.294	0.172	17.191	3.438	0.212	21.582	4.316	0.235	23.529	1065_7	--	Open Sea	Intergenic
chrf	72,194,647	3.73E-02	6.79E-03	0.364	36.364	0.700	70.000	0.415	41.500	8.300	0.221	22.119	4.424	0.336	33.636	1065_7	--	Open Sea	Intergenic
chrf	72,439,457	1.68E-02	1.20E-03	0.697	69.697	0.909	90.909	0.183	18.277	3.655	0.055	5.537	1.107	0.212	21.212	1066_7	--	Open Sea	Intergenic
chrf	72,439,457	1.28E-02	1.20E-03	0.697	69.697	0.909	90.909	0.183	18.277	3.655	0.055	5.537	1.107	0.212	21.212	1066_7	--	Open Sea	Intergenic
chrf	77,046,827	6.29E-03	1.72E-04	0.419	41.905	0.647	64.706	0.271	27.140	5.428	0.093	9.349	1.870	0.228	22.801	1067_7	--	Open Sea	Intergenic
chrf	77,046,960	4.78E-03	1.72E-04	0.72															

chr7	122,356,845	3.08E-02	4.87E-04	0.250	25.000	0.519	51.852	0.187	18.675	3.735	0.108	10.833	2.167	0.269	26.852	1089_7	Check manually	Open Sea	Intron 2/17	Pkbc
chr7	126,888,022	3.72E-02	7.37E-05	0.273	27.273	0.538	53.846	0.206	20.647	4.129	0.112	11.180	2.236	0.286	26.573	1090_7	--	S Shelf	Intron 5/5	Tmem219
chr7	126,888,022	3.72E-02	7.37E-05	0.273	27.273	0.538	53.846	0.206	20.647	4.129	0.112	11.180	2.236	0.286	26.573	1090_7	--	S Shelf	Intron 5/6	Tmem219
chr7	126,888,022	3.72E-02	7.37E-05	0.273	27.273	0.538	53.846	0.206	20.647	4.129	0.112	11.180	2.236	0.286	26.573	1090_7	--	S Shelf	Intron 4/4	Tmem219
chr7	126,888,022	3.72E-02	7.37E-05	0.273	27.273	0.538	53.846	0.206	20.647	4.129	0.112	11.180	2.236	0.286	26.573	1090_7	--	S Shelf	Intron 5/5	Tmem219
chr7	126,888,022	3.72E-02	7.37E-05	0.273	27.273	0.538	53.846	0.206	20.647	4.129	0.112	11.180	2.236	0.286	26.573	1090_7	--	S Shelf	Intron 1/1	Tmem219
chr7	126,888,022	3.72E-02	7.37E-05	0.273	27.273	0.538	53.846	0.206	20.647	4.129	0.112	11.180	2.236	0.286	26.573	1090_7	--	S Shelf	Intron 2/2	Tmem219
chr7	126,888,074	1.70E-02	7.37E-05	0.143	14.286	0.550	55.000	0.107	10.715	2.143	0.362	36.179	7.236	0.407	40.714	1090_7	--	S Shelf	Intron 5/5	Tmem219
chr7	126,888,074	1.70E-02	7.37E-05	0.143	14.286	0.550	55.000	0.107	10.715	2.143	0.362	36.179	7.236	0.407	40.714	1090_7	--	S Shelf	Intron 6/6	Tmem219
chr7	126,888,074	1.70E-02	7.37E-05	0.143	14.286	0.550	55.000	0.107	10.715	2.143	0.362	36.179	7.236	0.407	40.714	1090_7	--	S Shelf	Intron 4/4	Tmem219
chr7	126,888,074	1.70E-02	7.37E-05	0.143	14.286	0.550	55.000	0.107	10.715	2.143	0.362	36.179	7.236	0.407	40.714	1090_7	--	S Shelf	Intron 5/6	Tmem219
chr7	126,888,074	1.70E-02	7.37E-05	0.143	14.286	0.550	55.000	0.107	10.715	2.143	0.362	36.179	7.236	0.407	40.714	1090_7	--	S Shelf	Intron 1/1	Tmem219
chr7	127,133,210	2.61E-02	3.57E-01	0.473	47.297	0.667	66.667	0.112	11.223	2.245	0.091	9.137	1.827	0.194	19.369	1091_7	CG	Open Sea	false intergenic	Spn
chr7	127,133,948	1.81E-02	7.22E-02	0.208	20.833	0.542	54.167	0.140	14.907	2.981	0.112	11.180	2.967	0.333	33.333	1091_7	CG	Open Sea	TA	Spn
chr7	129,238,216	6.09E-03	5.46E-02	0.765	76.471	0.450	45.000	0.177	17.740	3.548	0.233	23.292	4.658	-0.315	-31.471	1092_7	Check manually	Open Sea	Intergenic	
chr7	129,238,442	3.72E-02	2.63E-01	0.471	47.059	0.226	22.581	0.282	28.194	5.639	0.135	13.532	2.708	-0.245	-24.478	1092_7	TA	Open Sea	Intergenic	
chr7	130,593,688	2.82E-02	2.82E-04	0.111	11.111	0.349	34.286	0.141	14.051	2.810	0.388	38.620	7.364	0.232	23.179	1093_7	CG	Open Sea	Intron 1/6	Tacc2
chr7	130,593,704	2.68E-03	2.82E-04	0.111	11.111	0.412	41.176	0.124	12.307	2.479	0.163	16.332	3.266	0.301	30.065	1093_7	CG	Open Sea	Intron 1/6	Tacc2
chr7	134,585,459	3.07E-02	1.18E-04	0.286	28.571	0.667	66.667	0.345	34.468	6.894	0.397	39.668	7.934	0.381	38.095	1094_7	CA	Open Sea	Intergenic	
chr7	134,585,620	1.95E-02	7.17E-05	0.240	24.000	0.600	60.000	0.180	17.972	3.594	0.303	30.290	6.058	0.360	36.000	1094_7	CG	Open Sea	Intergenic	
chr7	136,492,178	4.96E-03	2.11E-02	0.132	13.158	0.464	46.429	0.184	18.397	3.679	0.271	27.121	5.424	0.333	33.271	1095_7	CG	Open Sea	Intergenic	
chr7	136,492,203	3.27E-02	2.11E-02	0.152	15.152	0.409	40.909	0.125	12.495	2.499	0.361	36.059	7.212	0.258	25.758	1095_7	CG	Open Sea	Intergenic	
chr7	139,206,507	4.71E-02	1.30E-01	0.787	78.723	0.660	66.000	0.162	16.242	3.248	0.077	7.727	1.545	-0.127	-12.723	1096_7	--	Open Sea	Intergenic	
chr7	139,206,847	2.31E-02	1.45E-01	0.674	67.391	0.876	87.600	0.156	15.634	3.127	0.080	8.204	1.796	0.204	20.414	1096_7	--	Open Sea	Intergenic	
chr7	142,467,527	8.80E-03	4.80E-02	0.422	42.208	0.642	64.198	0.115	11.481	2.266	0.138	13.800	2.781	0.220	21.990	1097_7	--	Open Sea	Intron 1/10	Lap1
chr7	142,467,527	8.80E-03	4.80E-02	0.422	42.208	0.642	64.198	0.115	11.481	2.266	0.138	13.800	2.781	0.220	21.990	1097_7	--	Open Sea	Intron 1/10	Lap1
chr7	142,467,763	2.73E-02	7.75E-02	0.868	86.756	0.757	75.694	0.059	5.889	1.174	0.104	10.401	2.080	-0.111	-11.061	1097_7	--	Open Sea	Intron 1/10	Lap1
chr7	142,467,763	2.73E-02	7.75E-02	0.868	86.756	0.757	75.694	0.059	5.889	1.174	0.104	10.401	2.080	-0.111	-11.061	1097_7	--	Open Sea	Intron 1/10	Lap1
chr8	5,344,106	3.83E-02	3.57E-02	0.875	87.500	0.656	65.625	0.137	13.704	2.741	0.195	19.465	3.891	-0.219	-21.875	1098_8	GA	Open Sea	Intergenic	
chr8	5,344,834	3.21E-02	1.56E-02	0.406	40.625	0.677	67.742	0.211	21.095	4.219	0.169	16.871	3.374	0.271	27.117	1098_8	--	Open Sea	Intergenic	
chr8	7,987,626	7.42E-04	4.51E-07	0.140	13.953	0.486	48.649	0.082	8.223	1.645	0.233	23.312	4.662	0.347	34.695	1099_8	CG	Open Sea	Intergenic	
chr8	7,987,686	1.98E-03	4.51E-07	0.191	19.118	0.343	34.286	0.078	7.817	1.615	0.233	23.315	4.798	0.347	34.798	1099_8	CG	Open Sea	Intergenic	
chr8	7,987,737	1.09E-03	1.74E-09	0.210	20.988	0.526	52.632	0.136	13.562	2.712	0.246	24.617	4.923	0.316	31.644	1099_8	CG	Open Sea	Intergenic	
chr8	7,987,792	4.08E-02	2.68E-09	0.461	46.053	0.705	70.455	0.126	12.565	2.513	0.163	16.312	3.262	0.244	24.402	1099_8	CC	Open Sea	Intergenic	
chr8	10,170,794	2.67E-02	6.31E-03	0.754	75.362	0.577	57.746	0.127	12.657	2.531	0.192	19.172	3.834	-0.176	-17.616	1100_8	GG	Open Sea	Intergenic	
chr8	10,170,994	3.55E-03	3.48E-03	0.754	75.362	0.577	57.746	0.127	12.657	2.531	0.192	19.172	3.834	-0.176	-17.616	1100_8	GG	Open Sea	Intergenic	
chr8	10,598,333	1.50E-02	8.77E-07	0.231	23.077	0.560	56.000	0.396	39.572	7.914	0.081	8.122	1.624	0.329	32.923	1101_8	CG nearby	Open Sea	Intergenic	
chr8	10,598,415	2.59E-03	2.43E-07	0.150	15.000	0.577	57.692	0.120	12.042	2.408	0.105	10.543	2.109	0.427	42.692	1101_8	AG	Open Sea	Intergenic	
chr8	10,598,422	1.41E-03	2.43E-07	0.150	15.000	0.625	62.500	0.151	15.074	3.015	0.095	9.464	1.893	0.475	47.500	1101_8	AG	Open Sea	Intergenic	
chr8	32,040,239	2.29E-02	2.29E-02	0.611	61.111	0.882	88.200	0.286	28.602	5.174	0.173	17.290	4.882	0.258	25.533	1102_8	--	Open Sea	Intergenic	
chr8	32,040,273	2.79E-02	2.29E-03	0.611	61.111	0.811	81.132	0.128	12.846	2.569	0.192	19.222	3.844	0.200	20.021	1102_8	ct	Open Sea	Intergenic	
chr8	32,453,984	1.01E-02	2.69E-02	0.125	12.500	0.444	44.444	0.205	20.497	0.099	0.062	0.225	1.245	0.319	31.944	1103_8	--	Open Sea	Intergenic	
chr8	32,454,481	1.02E-02	2.69E-01	0.758	75.758	0.536	53.571	0.162	16.225	3.245	0.256	25.632	5.126	-0.222	-22.186	1103_8	--	Open Sea	Intergenic	
chr8	32,570,582	3.09E-02	3.09E-02	0.833	83.333	0.632	63.158	0.195	19.494	3.899	0.297	29.715	6.378	-0.202	-20.175	1104_8	--	Open Sea	Intergenic	
chr8	32,570,865	3.71E-02	3.71E-02	0.441	44.118	0.179	17.857	0.266	26.621	5.324	0.273	27.348	5.677	-0.261	-26.261	1104_8	--	Open Sea	Intergenic	
chr8	35,370,996	2.82E-02	3.56E-02	0.409	40.909	0.148	14.815	0.188	18.767	3.753	0.186	18.626	3.725	-0.261	-26.094	1105_8	--	Open Sea	Intron 2/3	Gm45469
chr8	35,371,143	3.97E-02	9.43E-04	0.727	72.727	0.500	50.000	0.138	13.834	2.767	0.308	30.845	6.169	-0.227	-22.727	1105_8	--	Open Sea	Intron 2/3	Gm45469
chr8	43,903,465	1.23E-02	1.23E-02	0.606	60.606	0.857	85.714	0.260	26.062	5.196	0.266	26.606	9.816	0.251	25.106	1106_8	--	Open Sea	Intergenic	
chr8	43,903,602	5.30E-03	5.73E-01	0.406	40.625	0.806	80.645	0.188	18.773	3.755	0.137	13.731	2.746	0.400	40.020	1106_8	--	Open Sea	Intergenic	
chr8	45,507,276	4.72E-03	4.73E-03	0.346	34.615	0.750	75.000	0.195	19.454	3.891	0.189	18.944	3.789	0.404	40.385	1107_8	TG	Open Sea	TSS 1500	Sorbs2
chr8	45,507,310	1.74E-02	8.12E-03	0.238	23.810	0.568	56.757	0.156	15.577	3.115	0.228	22.848	5.970	0.329	32.947	1107_8	GC	Open Sea	TSS 1500	Sorbs2
chr8	49,105,178	2.11E-02	0.87E-02	0.754	75.400	0.812	81.200	0.183	18.273	3.119	0.650	65.000	11.580	0.318	31.580	1108_8	TA	Open Sea	Intergenic	
chr8	49,105,237	2.39E-02	2.11E-02	0.809	80.851	0.538	53.846	0.142	14.216	2.843	0.273	27.315	5.463	-0.229	-22.705	1108_8	TT	Open Sea	Intergenic	
chr8	49,105,954	2.78E-02	1.56E-02	0.843	84.286	0.683	68.293	0.137	13.693	2.739	0.172	17.157	3.431	-0.160	-15.993	1108_8	ag	Open Sea	Intergenic	
chr8	49,363,056	4.18E-02	3.46E-05	0.353	35.294	0.562	56.164	0.202	20.215	4.043	0.197	19.725	3.945	0.209	20.870	1109_8	TA	Open Sea	Intergenic	
chr8	49,363,081	3.49E-02	3.46E-05	0.353	35.294	0.562	56.164	0.202	20.215	4.043	0.197	19.725	3.945	0.209	20.870	1109_8	TA	Open Sea	Intergenic	
chr8	49,363,088	1.62E-02	3.46E-05	0.462	46.154	0.746	74.627	0.291	29.113	5.823	0.159	15.950	3.190	0.285	28.473	1109_8	CG	Open Sea	Intergenic	
chr8	51,867,602	1.18E-02	5.58E-02	0.750	75.000	0.441	44.048	0.130	12.991	2.598										

chr8	107,906,727	3.21E-02	1.46E-04	0.200	20.000	0.340	33.981	0.109	10.885	2.177	0.170	16.995	3.399	0.140	13.981	1133_8	--	Open Sea	Intergenic	
chr8	107,906,846	6.87E-03	1.88E-05	0.217	21.678	0.406	40.625	0.215	21.485	4.297	0.097	9.722	1.944	0.189	18.947	1133_8	--	Open Sea	Intergenic	
chr8	107,906,862	1.10E-06	1.88E-06	0.207	52.7153	0.607	60.748	0.100	10.042	0.100	0.116	11.573	0.116	0.170	17.035	1133_8	--	Open Sea	Intergenic	
chr8	110,042,492	2.17E-02	4.94E-02	0.321	32.143	0.640	64.000	0.316	31.576	6.315	0.284	28.442	5.688	0.318	31.857	1134_8	--	Open Sea	Intergenic	
chr8	110,042,496	9.79E-03	3.87E-02	0.179	17.857	0.542	54.167	0.410	41.001	8.200	0.248	24.766	4.953	0.363	36.310	1134_8	--	Open Sea	Intergenic	
chr8	111,185,041	2.51E-02	2.83E-02	0.263	26.316	0.548	54.839	0.385	38.455	7.691	0.177	17.716	3.543	0.285	28.523	1135_8	GG	Open Sea	Intron 7/24	Gig1
chr8	111,185,041	2.51E-02	2.83E-02	0.263	26.316	0.548	54.839	0.385	38.455	7.691	0.177	17.716	3.543	0.285	28.523	1135_8	GG	Open Sea	Intron 7/24	Gig1
chr8	111,185,041	2.51E-02	2.83E-02	0.263	26.316	0.548	54.839	0.385	38.455	7.691	0.177	17.716	3.543	0.285	28.523	1135_8	GG	Open Sea	Intron 7/24	Gig1
chr8	111,185,053	3.46E-02	2.83E-02	0.263	26.316	0.533	53.333	0.373	37.257	7.451	0.168	16.849	3.370	0.270	27.018	1135_8	CA	Open Sea	Intron 7/24	Gig1
chr8	111,185,053	3.46E-02	2.83E-02	0.263	26.316	0.533	53.333	0.373	37.257	7.451	0.168	16.849	3.370	0.270	27.018	1135_8	CA	Open Sea	Intron 7/24	Gig1
chr8	111,185,128	3.82E-02	9.80E-04	0.192	19.231	0.480	48.000	0.206	20.616	4.123	0.275	27.550	5.510	0.288	28.769	1135_8	--	Open Sea	Intron 5/20	Gig1
chr8	111,185,128	3.82E-02	9.80E-04	0.192	19.231	0.480	48.000	0.206	20.616	4.123	0.275	27.550	5.510	0.288	28.769	1135_8	--	Open Sea	Intron 5/20	Gig1
chr8	111,185,128	3.82E-02	9.80E-04	0.192	19.231	0.480	48.000	0.206	20.616	4.123	0.275	27.550	5.510	0.288	28.769	1135_8	--	Open Sea	Intron 5/20	Gig1
chr8	112,940,636	3.98E-02	7.09E-02	0.193	19.296	0.394	39.394	0.114	11.391	2.275	0.217	21.653	4.331	0.201	20.096	1136_8	CA	Open Sea	Intergenic	
chr8	112,940,650	7.99E-03	7.09E-02	0.154	15.385	0.491	49.123	0.115	11.537	2.307	0.258	25.805	5.161	0.337	33.738	1136_8	AG	Open Sea	Intergenic	
chr8	116,864,996	1.51E-02	1.86E-03	0.855	85.484	0.660	66.000	0.082	8.184	1.637	0.103	10.268	2.054	-0.195	-19.484	1137_8	--	Open Sea	Intergenic	
chr8	116,865,003	2.99E-02	1.86E-03	0.814	81.429	0.643	64.286	0.132	13.170	2.634	0.087	8.695	1.739	-0.171	-17.143	1137_8	--	Open Sea	Intergenic	
chr8	118,234,445	6.81E-03	6.81E-03	0.153	15.333	0.455	45.455	0.117	11.741	2.346	0.277	27.652	5.345	0.348	32.121	1138_8	--	Open Sea	Intergenic	
chr8	118,234,514	3.21E-02	1.39E-03	0.160	16.000	0.450	45.000	0.109	10.865	2.173	0.361	36.132	7.226	0.290	29.000	1138_8	CG	Open Sea	Intergenic	
chr8	118,355,483	3.61E-02	1.30E-01	0.795	79.545	0.571	57.143	0.112	11.250	2.250	0.190	19.867	3.793	-0.224	-22.403	1138_8	--	Open Sea	Intron 1/13	Cdh13
chr8	118,355,722	4.43E-02	2.42E-01	0.500	50.000	0.588	68.750	0.075	7.471	1.494	0.131	13.106	2.621	0.188	18.750	1138_8	--	Open Sea	Intron 1/13	Cdh13
chr8	122,909,683	5.40E-03	1.87E-05	0.130	13.000	0.579	57.895	0.114	11.402	2.280	0.288	28.846	5.769	0.449	44.851	1140_8	--	Open Sea	Intergenic	
chr8	122,909,687	1.70E-02	1.87E-05	0.174	17.391	0.528	52.778	0.129	12.942	2.588	0.259	25.939	5.188	0.354	35.386	1140_8	--	Open Sea	Intergenic	
chr8	123,438,734	6.17E-03	5.13E-05	0.116	11.628	0.500	50.000	0.078	7.768	1.554	0.243	24.338	4.868	0.384	38.372	1141_8	--	Open Sea	Intergenic	
chr8	123,438,760	5.13E-03	5.13E-05	0.116	11.628	0.500	50.000	0.078	7.768	1.554	0.243	24.338	4.868	0.384	38.372	1141_8	--	Open Sea	Intergenic	
chr8	126,759,631	1.69E-02	1.25E-03	0.405	40.476	0.682	68.182	0.342	34.156	6.202	0.231	23.037	4.147	0.420	41.950	1142_8	--	Open Sea	Intergenic	
chr8	126,759,671	1.54E-02	1.25E-03	0.393	39.286	0.625	62.290	0.292	29.180	5.836	0.117	11.677	2.335	0.220	23.009	1142_8	--	Open Sea	Intergenic	
chr8	5,321,317	2.39E-02	4.73E-05	0.321	32.143	0.600	60.000	0.178	17.786	3.557	0.162	16.176	3.235	0.279	27.857	1143_9	CT	Open Sea	Exon 2/9	Casp4
chr8	5,321,387	4.36E-02	4.79E-05	0.321	32.143	0.600	60.000	0.178	17.786	3.557	0.162	16.176	3.235	0.279	27.857	1143_9	CT	Open Sea	Exon 2/9	Casp4
chr8	5,321,409	2.26E-02	4.79E-05	0.207	20.690	0.541	54.054	0.215	21.477	4.295	0.304	30.418	6.084	0.334	33.364	1143_9	CG nearby	Open Sea	Intron 2/9	Casp4
chr8	7,828,839	5.46E-03	9.29E-05	0.806	80.645	0.467	46.667	0.213	21.328	4.266	0.227	22.703	4.541	-0.340	-33.978	1144_9	--	Open Sea	Intron 1/6	Birc2
chr8	7,828,839	5.46E-03	9.29E-05	0.806	80.645	0.467	46.667	0.213	21.328	4.266	0.227	22.703	4.541	-0.340	-33.978	1144_9	--	Open Sea	Intron 1/6	Birc2
chr8	7,828,839	5.46E-03	9.29E-05	0.806	80.645	0.467	46.667	0.213	21.328	4.266	0.227	22.703	4.541	-0.340	-33.978	1144_9	--	Open Sea	Intron 1/6	Birc2
chr8	7,828,839	5.46E-03	9.29E-05	0.806	80.645	0.467	46.667	0.213	21.328	4.266	0.227	22.703	4.541	-0.340	-33.978	1144_9	--	Open Sea	Intron 1/6	Birc2
chr8	9,374,473	3.80E-02	1.24E-01	0.712	71.154	0.571	57.143	0.084	8.434	1.687	0.129	12.877	2.575	-0.281	-28.103	1144_9	--	Open Sea	Intron 2/7	Birc2
chr8	9,374,489	3.41E-02	1.20E-01	0.783	78.333	0.603	60.345	0.105	10.537	2.107	0.143	14.336	2.867	-0.180	-17.989	1145_9	TA	Open Sea	Intron 2/7	Birc2
chr8	9,374,489	3.41E-02	1.20E-01	0.783	78.333	0.603	60.345	0.105	10.537	2.107	0.143	14.336	2.867	-0.180	-17.989	1145_9	TA	Open Sea	Intron 2/7	Birc2
chr8	9,374,489	3.41E-02	1.20E-01	0.783	78.333	0.603	60.345	0.105	10.537	2.107	0.143	14.336	2.867	-0.180	-17.989	1145_9	TA	Open Sea	Intron 2/7	Birc2
chr8	9,374,489	3.41E-02	1.20E-01	0.783	78.333	0.603	60.345	0.105	10.537	2.107	0.143	14.336	2.867	-0.180	-17.989	1145_9	TA	Open Sea	Intron 2/7	Birc2
chr8	9,374,489	3.41E-02	1.20E-01	0.783	78.333	0.603	60.345	0.105	10.537	2.107	0.143	14.336	2.867	-0.180	-17.989	1145_9	TA	Open Sea	Intron 2/7	Birc2
chr8	9,374,489	3.41E-02	1.20E-01	0.783	78.333	0.603	60.345	0.105	10.537	2.107	0.143	14.336	2.867	-0.180	-17.989	1145_9	TA	Open Sea	Intron 2/7	Birc2
chr8	9,374,489	3.41E-02	1.20E-01	0.783	78.333	0.603	60.345	0.105	10.537	2.107	0.143	14.336	2.867	-0.180	-17.989	1145_9	TA	Open Sea	Intron 2/7	Birc2
chr8	9,374,489	3.41E-02	1.20E-01	0.783	78.333	0.603	60.345	0.105	10.537	2.107	0.143	14.336	2.867	-0.180	-17.989	1145_9	TA	Open Sea	Intron 2/7	Birc2
chr8	9,374,489	3.41E-02	1.20E-01	0.783	78.333	0.603	60.345	0.105	10.537	2.107	0.143	14.336	2.867	-0.180	-17.989	1145_9	TA	Open Sea	Intron 2/7	Birc2
chr8	9,374,489	3.41E-02	1.20E-01	0.783	78.333	0.603	60.345	0.105	10.537	2.107	0.143	14.336	2.867	-0.180	-17.989	1145_9	TA	Open Sea	Intron 2/7	Birc2
chr8	9,374,489	3.41E-02	1.20E-01	0.783	78.333	0.603	60.345	0.105	10.537	2.107	0.143	14.336	2.867	-0.180	-17.989	1145_9	TA	Open Sea	Intron 2/7	Birc2
chr8	9,374,489	3.41E-02	1.20E-01	0.783	78.333	0.603	60.345	0.105	10.537	2.107	0.143	14.336	2.867	-0.180	-17.989	1145_9	TA	Open Sea	Intron 2/7	Birc2
chr8	9,374,489	3.41E-02	1.20E-01	0.783	78.333	0.603	60.345	0.105	10.537	2.107	0.143	14.336	2.867	-0.180	-17.989	1145_9	TA	Open Sea	Intron 2/7	Birc2
chr8	9,374,489	3.41E-02	1.20E-01	0.783	78.333	0.603	60.345	0.105	10.537	2.107	0.143	14.336	2.867	-0.180	-17.989	1145_9	TA	Open Sea	Intron 2/7	Birc2
chr8	9,374,489	3.41E-02	1.20E-01	0.783	78.333	0.603	60.345	0.105	10.537	2.107	0.143	14.336	2.867	-0.180	-17.989	1145_9	TA	Open Sea	Intron 2/7	Birc2
chr8	9,374,489	3.41E-02	1.20E-01	0.783	78.333	0.603	60.345	0.105	10.537	2.107	0.143	14.336	2.867	-0.180	-17.989	1145_9	TA	Open Sea	Intron 2/7	Birc2
chr8	9,374,489	3.41E-02	1.20E-01	0.783	78.333	0.603	60.345	0.105	10.537	2.107	0.143	14.336	2.867	-0.180	-17.989	1145_9	TA	Open Sea	Intron 2/7	Birc2
chr8	9,374,489	3.41E-02	1.20E-01	0.783	78.333	0.603	60.345	0.105	10.537	2.107	0.143	14.336	2.867	-0.180	-17.989	1145_9	TA	Open Sea	Intron 2/7	Birc2
chr8	9,374,489	3.41E-02	1.20E-01	0.783	78.333	0.603	60.345	0.105	10.537	2.107	0.143	14.336	2.867	-0.180	-17.989	1145_9	TA	Open Sea	Intron 2/7	Birc2
chr8	9,374,489	3.41E-02	1.20E-01	0.783	78.333	0.603	60.345	0.105	10.537	2.107	0.143	14.336	2.867	-0.180	-17.989	1145_9	TA	Open Sea	Intron 2/7	Birc2
chr8	9,374,489	3.41E-02	1.20E-01	0.783	78.333	0.603	60.345	0.105	10.537	2.107	0.143	14.336	2.867	-0.180	-17.989	1145_9	TA	Open Sea	Intron 2/7	Birc2
chr8	9,374,489	3.41E-02	1.20E-01	0.783	78.333	0.603	60.345	0.105	10.537	2.107	0.143	14.336	2.867	-0.180	-17.989	1145_9	TA	Open Sea	Intron 2/7	Birc2
chr8	9,374,489	3.41E-02	1.20E-01	0																

chr9	91,093,391	3.85E-02	2.98E-02	0.694	69.355	0.527	52.747	0.106	10.598	2.120	0.119	11.946	2.389	-0.166	-16.608	1179.9	CG nearby	Open Sea	Intergenic
chr9	91,093,648	1.83E-02	9.87E-01	0.567	56.667	0.844	84.375	0.233	23.291	4.658	0.167	16.696	3.339	0.277	27.708	1179.9	TA	Open Sea	Intergenic
chr9	91,114,688	1.53E-02	1.38E-01	0.563	55.263	0.763	76.271	0.203	20.306	4.051	0.189	18.873	3.775	0.180	18.579	1180.9	TG	Open Sea	Intergenic
chr9	91,185,449	4.91E-02	4.91E-02	0.577	57.692	0.761	76.271	0.203	20.254	4.051	0.189	18.873	3.775	0.180	18.579	1180.9	--	Open Sea	Intergenic
chr9	91,296,954	3.15E-02	1.09E-01	0.340	33.962	0.561	56.098	0.157	15.686	3.137	0.106	10.627	2.125	0.221	22.135	1181.9	AG	Open Sea	Intergenic
chr9	91,297,458	3.66E-02	3.24E-01	0.605	60.465	0.822	82.222	0.199	19.899	3.980	0.114	11.402	2.280	0.218	21.757	1181.9	--	Open Sea	Intergenic
chr9	91,491,061	4.83E-02	4.04E-01	0.462	46.214	0.462	46.214	0.462	46.214	0.462	0.202	20.248	4.051	0.185	18.452	1182.9	CG	Open Sea	Intergenic
chr9	91,491,620	2.69E-02	2.69E-02	0.732	73.171	0.489	48.889	0.194	19.370	3.874	0.219	21.883	4.377	-0.243	-24.282	1182.9	--	Open Sea	Intergenic
chr9	91,754,732	2.71E-02	2.18E-02	0.571	57.143	0.821	82.051	0.244	24.367	4.873	0.072	7.175	1.435	0.249	24.908	1183.9	Nitr	Open Sea	Intergenic
chr9	91,754,747	1.04E-02	2.18E-02	0.382	38.235	0.683	68.293	0.273	27.259	5.452	0.187	18.702	3.740	0.301	30.057	1183.9	--	Open Sea	Intergenic
chr9	91,755,520	1.06E-02	2.75E-02	0.407	40.655	0.683	68.293	0.273	27.259	5.452	0.187	18.702	3.740	0.301	30.057	1183.9	--	Open Sea	Intergenic
chr9	91,991,303	3.02E-02	3.02E-02	0.432	43.243	0.704	70.370	0.138	13.804	2.761	0.145	14.547	2.909	0.271	27.127	1184.9	--	Open Sea	Intergenic
chr9	91,991,524	2.69E-02	1.70E-01	0.241	24.138	0.571	57.143	0.159	15.919	3.184	0.347	34.651	6.930	0.330	33.005	1184.9	--	Open Sea	Intergenic
chr9	92,373,326	4.75E-02	3.23E-03	0.593	59.259	0.759	75.862	0.137	13.740	2.748	0.118	11.848	2.370	0.166	16.803	1185.9	--	Open Sea	Intergenic
chr9	92,373,335	3.34E-02	3.33E-03	0.464	46.353	0.763	76.271	0.131	13.144	2.629	0.141	14.062	2.689	0.188	18.688	1185.9	--	Open Sea	Intergenic
chr9	93,267,523	3.28E-02	3.15E-01	0.783	78.261	0.645	64.486	0.104	10.360	2.072	0.188	18.785	3.757	-0.138	-13.775	1186.9	TA	Open Sea	Intergenic
chr9	93,268,307	9.77E-03	9.77E-03	0.581	58.065	0.843	84.314	0.210	20.981	4.196	0.099	9.878	1.976	0.262	26.249	1186.9	TT	Open Sea	Intergenic
chr9	96,399,556	1.67E-02	2.28E-03	0.902	90.244	0.736	73.585	0.407	40.723	8.145	0.199	19.878	2.176	-0.167	-16.659	1187.9	--	Open Sea	Intergenic
chr9	96,399,558	4.93E-02	2.28E-03	0.856	85.600	0.738	73.532	0.391	39.070	7.814	0.068	6.557	1.811	-0.118	-11.768	1187.9	--	Open Sea	Intergenic
chr9	96,399,617	4.71E-02	2.28E-03	0.798	79.825	0.670	67.010	0.363	36.325	7.265	0.115	11.505	2.301	-0.128	-12.814	1187.9	--	Open Sea	Intergenic
chr9	98,046,806	4.20E-02	1.86E-01	0.829	82.927	0.638	63.830	0.145	14.483	2.897	0.212	21.202	4.240	-0.191	-19.097	1188.9	Check manually	Open Sea	Intergenic
chr9	98,046,890	9.49E-03	3.03E-01	0.452	45.161	0.771	77.143	0.055	5.477	1.095	0.212	21.248	4.256	0.320	31.982	1188.9	--	Open Sea	Intergenic
chr9	101,384,327	3.15E-02	3.14E-01	0.647	64.706	0.857	85.714	0.214	21.421	4.284	0.150	14.589	2.998	0.210	21.008	1189.9	--	Open Sea	Intergenic
chr9	101,385,067	2.89E-02	3.48E-02	0.758	75.806	0.903	90.323	0.145	14.524	2.905	0.065	6.504	1.301	0.145	14.516	1189.9	--	Open Sea	Intergenic
chr9	105,759,338	1.04E-02	1.22E-03	0.783	78.261	0.544	54.386	0.144	14.371	2.874	0.087	8.737	1.747	-0.239	-23.875	1190.9	--	Open Sea	Intron 13/36
chr9	105,759,479	2.30E-02	2.98E-03	0.833	83.333	0.538	53.946	0.129	12.942	2.588	0.121	12.962	2.416	-0.226	-22.467	1190.9	--	Open Sea	Intron 13/36
chr9	109,285,729	2.00E-02	4.77E-03	0.677	67.692	0.442	44.186	0.213	21.347	4.349	0.270	27.217	21.737	-0.235	-23.506	1191.9	--	Open Sea	Intergenic
chr9	109,285,923	1.16E-02	1.17E-03	0.385	38.462	0.708	70.833	0.186	18.558	3.712	0.194	19.398	3.880	0.232	32.372	1191.9	--	Open Sea	Intergenic
chr9	117,120,437	2.10E-02	3.39E-02	0.310	30.952	0.658	65.789	0.198	19.838	3.968	0.261	26.063	5.217	0.348	34.837	1192.9	AT	Open Sea	Intron 1/14
chr9	117,120,492	3.47E-02	3.47E-02	0.713	71.322	0.542	54.217	0.197	19.674	4.243	0.197	19.674	4.243	0.197	19.674	1192.9	TA	Open Sea	Intergenic
chr9	120,155,864	1.82E-03	2.24E-05	0.932	93.052	0.591	59.091	0.057	5.698	1.140	0.234	23.436	4.687	-0.341	-34.091	1193.9	--	Open Sea	Intergenic
chr9	120,155,923	1.22E-02	2.17E-03	0.795	79.545	0.552	55.172	0.131	13.090	2.618	0.135	13.483	2.697	-0.244	-24.373	1193.9	ta	Open Sea	Intergenic
chr9	121,729,749	3.08E-02	4.23E-03	0.595	59.459	0.857	85.714	0.191	19.096	3.819	0.204	20.440	4.088	0.263	26.255	1194.9	CA	Open Sea	Intron 5/16
chr9	121,729,749	3.08E-02	4.23E-03	0.595	59.459	0.857	85.714	0.191	19.096	3.819	0.204	20.440	4.088	0.263	26.255	1194.9	CA	Open Sea	Intron 5/16
chr9	121,729,749	3.08E-02	4.23E-03	0.595	59.459	0.857	85.714	0.191	19.096	3.819	0.204	20.440	4.088	0.263	26.255	1194.9	CA	Open Sea	Intron 5/16
chr9	121,729,749	3.08E-02	4.23E-03	0.595	59.459	0.857	85.714	0.191	19.096	3.819	0.204	20.440	4.088	0.263	26.255	1194.9	CA	Open Sea	Intron 5/16
chr9	121,729,749	3.08E-02	4.23E-03	0.595	59.459	0.857	85.714	0.191	19.096	3.819	0.204	20.440	4.088	0.263	26.255	1194.9	CA	Open Sea	Intron 5/16
chr9	121,729,786	2.75E-02	4.23E-03	0.241	24.138	0.550	55.000	0.159	15.878	3.176	0.361	36.056	7.211	0.309	30.862	1194.9	CT	Open Sea	Intron 4/10
chr9	121,729,786	2.75E-02	4.23E-03	0.241	24.138	0.550	55.000	0.159	15.878	3.176	0.361	36.056	7.211	0.309	30.862	1194.9	CT	Open Sea	Intron 4/10
chr9	121,729,786	2.75E-02	4.23E-03	0.241	24.138	0.550	55.000	0.159	15.878	3.176	0.361	36.056	7.211	0.309	30.862	1194.9	CT	Open Sea	Intron 4/10
chr9	121,729,786	2.75E-02	4.23E-03	0.241	24.138	0.550	55.000	0.159	15.878	3.176	0.361	36.056	7.211	0.309	30.862	1194.9	CT	Open Sea	Intron 4/10
chr9	121,729,786	2.75E-02	4.23E-03	0.241	24.138	0.550	55.000	0.159	15.878	3.176	0.361	36.056	7.211	0.309	30.862	1194.9	CT	Open Sea	Intron 4/10
chr9	121,729,786	2.75E-02	4.23E-03	0.241	24.138	0.550	55.000	0.159	15.878	3.176	0.361	36.056	7.211	0.309	30.862	1194.9	CT	Open Sea	Intron 4/10
chr9	121,729,786	2.75E-02	4.23E-03	0.241	24.138	0.550	55.000	0.159	15.878	3.176	0.361	36.056	7.211	0.309	30.862	1194.9	CT	Open Sea	Intron 4/10
chr9	121,729,786	2.75E-02	4.23E-03	0.241	24.138	0.550	55.000	0.159	15.878	3.176	0.361	36.056	7.211	0.309	30.862	1194.9	CT	Open Sea	Intron 4/10
chr9	121,729,786	2.75E-02	4.23E-03	0.241	24.138	0.550	55.000	0.159	15.878	3.176	0.361	36.056	7.211	0.309	30.862	1194.9	CT	Open Sea	Intron 4/10
chr9	121,729,786	2.75E-02	4.23E-03	0.241	24.138	0.550	55.000	0.159	15.878	3.176	0.361	36.056	7.211	0.309	30.862	1194.9	CT	Open Sea	Intron 4/10
chr9	121,729,786	2.75E-02	4.23E-03	0.241	24.138	0.550	55.000	0.159	15.878	3.176	0.361	36.056	7.211	0.309	30.862	1194.9	CT	Open Sea	Intron 4/10
chr9	121,729,786	2.75E-02	4.23E-03	0.241	24.138	0.550	55.000	0.159	15.878	3.176	0.361	36.056	7.211	0.309	30.862	1194.9	CT	Open Sea	Intron 4/10
chr9	121,729,786	2.75E-02	4.23E-03	0.241	24.138	0.550	55.000	0.159	15.878	3.176	0.361	36.056	7.211	0.309	30.862	1194.9	CT	Open Sea	Intron 4/10
chr9	121,729,786	2.75E-02	4.23E-03	0.241	24.138	0.550	55.000	0.159	15.878	3.176	0.361	36.056	7.211	0.309	30.862	1194.9	CT	Open Sea	Intron 4/10
chr9	121,729,786	2.75E-02	4.23E-03	0.241	24.138	0.550	55.000	0.159	15.878	3.176	0.361	36.056	7.211	0.309	30.862	1194.9	CT	Open Sea	Intron 4/10
chr9	121,729,786	2.75E-02	4.23E-03	0.241	24.138	0.550	55.000	0.159	15.878	3.176	0.361	36.056	7.211	0.309	30.862	1194.9	CT	Open Sea	Intron 4/10
chr9	121,729,786	2.75E-02	4.23E-03	0.241	24.138	0.550	55.000	0.159	15.878	3.176	0.361	36.056	7.211	0.309	30.862	1194.9	CT	Open Sea	Intron 4/10
chr9	121,729,786	2.75E-02	4.23E-03	0.241	24.138	0.550	55.000	0.159	15.878	3.176	0.361	36.056	7.211	0.309	30.862	1194.9	CT	Open Sea	Intron 4/10
chr9	121,729,786	2.75E-02	4.23E-03	0.241	24.138	0.550	55.000	0.159	15.878	3.176	0.361	36.056	7.211	0.309	30.862	1194.9	CT	Open Sea	Intron 4/10
chr9	121,729,786	2.75E-02	4.23E-03	0.241	24.138	0.550	55.000	0.159	15.878	3.176	0.361	36.056	7.211	0.309	30.862	1194.9	CT	Open Sea	Intron 4/10
chr9	121,729,786	2.75E-02	4.23E-03	0.241	24.138	0.550	55.000	0.159	15.878	3.176	0.361	36.056	7.211	0.309	30.862	1194.9	CT	Open Sea	Intron 4/10
chr9	121,729,786	2.75E-02	4.23E-03	0.241	24.138	0.550	55.000	0.159	15.878	3.176	0.361								

chrX	42,698,187	3.39E-02	5.29E-03	0.701	70.093	0.824	82.407	0.115	11.488	2.298	0.083	8.298	1.660	0.123	12.314	1225_X	CT	Open Sea	Intergenic
chrX	42,698,235	3.25E-02	5.29E-03	0.647	64.706	0.785	78.485	0.093	9.342	1.868	0.068	6.779	1.356	0.138	13.789	1225_X	Check manually	Open Sea	Intergenic
chrX	44,128,773	1.35E-02	1.38E-02	0.385	38.582	0.659	65.867	0.180	18.025	3.405	0.180	2.074	0.272	0.274	27.382	1226_X	--	Open Sea	Intergenic
chrX	44,128,831	5.48E-03	4.06E-02	0.531	53.061	0.781	78.125	0.052	5.195	1.039	0.084	8.398	1.680	0.251	25.064	1226_X	--	Open Sea	Intergenic
chrX	45,064,453	4.26E-02	4.26E-02	0.561	56.122	0.702	70.213	0.090	8.987	1.797	0.181	16.123	3.225	0.141	14.090	1227_X	--	Open Sea	Intergenic
chrX	45,065,073	4.29E-03	4.29E-03	0.769	76.923	0.450	45.000	0.145	14.450	2.890	0.260	26.001	5.200	-0.319	-31.923	1227_X	--	Open Sea	Intergenic
chrX	45,914,423	1.30E-02	1.64E-01	0.643	64.367	0.867	86.687	0.281	28.112	6.624	0.112	6.624	0.234	0.234	23.286	1228_X	--	Open Sea	Intergenic
chrX	45,915,012	4.18E-02	2.65E-01	0.565	56.522	0.818	81.818	0.207	20.736	4.147	0.181	18.089	3.618	0.253	25.296	1228_X	--	Open Sea	Intergenic
chrX	46,592,401	1.35E-02	0.771	77.143	0.485	48.485	48.485	0.124	12.393	2.079	0.148	14.759	2.952	-0.287	-28.658	1229_X	CG	Open Sea	Intergenic
chrX	46,593,373	2.12E-02	2.12E-02	0.760	76.000	0.429	42.857	0.166	16.600	3.320	0.270	27.003	5.401	-0.331	-33.143	1229_X	TG	Open Sea	Intergenic
chrX	46,591,778	1.52E-02	0.88E-03	0.829	82.845	0.829	82.845	0.160	16.000	0.983	0.083	0.983	0.301	0.301	3.001	1230_X	--	Open Sea	Intergenic
chrX	48,231,836	8.77E-03	8.84E-03	0.556	55.556	0.829	82.857	0.243	24.325	4.865	0.108	10.846	2.169	0.279	27.339	1230_X	--	Open Sea	Intergenic
chrX	49,336,727	4.71E-02	3.41E-03	0.271	27.083	0.475	47.500	0.092	9.160	1.832	0.144	14.375	2.875	0.204	20.417	1231_X	--	Open Sea	Intergenic
chrX	49,336,759	1.32E-02	3.41E-03	0.478	47.826	0.765	76.471	0.187	18.747	3.749	0.140	14.029	2.806	0.286	28.645	1231_X	--	Open Sea	Intergenic
chrX	49,337,237	4.84E-02	4.84E-02	0.515	51.515	0.200	20.000	0.314	31.414	6.263	0.352	6.263	0.210	-0.315	-31.515	1231_X	--	Open Sea	Intergenic
chrX	49,738,421	3.67E-02	2.17E-02	0.614	61.404	0.797	79.661	0.119	11.902	2.380	0.094	9.392	1.873	0.183	18.258	1232_X	TG	Open Sea	Intergenic
chrX	49,738,790	3.46E-02	3.46E-02	0.545	54.545	0.689	68.888	0.073	7.280	1.456	0.122	12.163	2.433	0.143	14.322	1232_X	CG nearby	Open Sea	Intergenic
chrX	51,857,410	2.45E-02	2.25E-01	0.420	42.000	0.682	68.231	0.274	27.415	5.483	0.199	19.919	3.984	0.272	27.231	1233_X	--	Open Sea	Intergenic
chrX	51,857,542	4.74E-02	5.50E-02	0.417	41.667	0.644	64.407	0.351	35.070	4.411	0.092	9.158	1.832	0.227	22.744	1233_X	--	Open Sea	Intergenic
chrX	52,080,521	3.51E-02	7.72E-03	0.604	60.377	0.889	88.889	0.291	29.140	5.828	0.194	19.374	3.875	0.285	28.512	1234_X	GT	Open Sea	Intron 2/8
chrX	52,080,606	4.96E-02	7.72E-03	0.333	33.333	0.630	62.963	0.209	20.913	4.183	0.317	31.658	6.332	0.296	29.630	1234_X	CA	Open Sea	Intron 2/8
chrX	54,169,199	2.31E-02	3.59E-01	0.304	30.435	0.708	70.833	0.161	16.054	3.614	0.387	38.744	7.749	0.404	40.399	1235_X	--	Open Sea	Intergenic
chrX	54,170,534	3.12E-02	3.12E-02	0.442	44.156	0.632	63.235	0.221	22.054	4.411	0.189	18.870	3.774	0.191	19.079	1235_X	--	Open Sea	Intergenic
chrX	55,393,785	2.17E-02	1.62E-02	0.564	56.410	0.824	82.353	0.178	17.836	3.567	0.118	11.773	2.355	0.259	25.943	1236_X	--	Open Sea	Intergenic
chrX	55,393,925	3.97E-02	3.91E-02	0.535	53.488	0.304	30.435	0.273	27.271	5.454	0.166	16.650	3.330	-0.231	-23.054	1236_X	--	Open Sea	Intergenic
chrX	55,657,763	2.29E-02	7.31E-02	0.077	7.592	0.139	13.944	0.088	2.759	0.088	0.088	1.770	0.404	-0.173	-17.308	1237_X	--	Open Sea	Intergenic
chrX	55,657,922	2.21E-02	2.36E-01	0.325	32.500	0.582	58.537	0.199	19.915	3.983	0.282	28.211	6.280	0.280	28.037	1237_X	--	Open Sea	Intergenic
chrX	55,863,726	3.65E-03	1.33E-04	0.393	39.344	0.672	67.213	0.142	14.172	2.834	0.156	15.568	3.114	0.279	27.869	1238_X	--	Open Sea	Intergenic
chrX	55,863,879	6.39E-03	3.44E-04	0.628	62.791	0.304	30.357	0.206	20.600	4.120	0.173	17.291	3.458	-0.324	-32.434	1238_X	--	Open Sea	Intergenic
chrX	59,736,799	2.77E-02	7.03E-03	0.396	39.648	0.458	45.762	0.106	10.541	1.995	0.081	8.081	1.551	0.151	15.122	1239_X	--	Open Sea	Intergenic
chrX	60,536,816	4.60E-02	7.93E-03	0.351	35.135	0.511	51.111	0.306	30.565	6.113	0.205	20.496	4.099	0.160	15.976	1239_X	--	Open Sea	Intergenic
chrX	62,152,711	2.23E-02	0.82E-02	0.807	80.682	0.922	92.157	0.102	10.183	2.037	0.048	4.822	0.964	0.115	11.475	1240_X	--	Open Sea	Intergenic
chrX	62,152,976	3.93E-02	8.65E-01	0.444	44.444	0.683	68.293	0.212	21.215	4.243	0.208	20.801	4.120	0.238	23.848	1240_X	--	Open Sea	Intergenic
chrX	63,910,769	3.79E-03	2.74E-02	0.385	38.463	0.196	19.614	0.385	19.579	3.816	0.199	19.919	8.051	0.281	28.055	1241_X	--	Open Sea	Intergenic
chrX	63,910,983	1.74E-02	4.07E-02	0.526	52.577	0.683	68.254	0.182	18.237	1.647	0.086	6.556	1.311	0.157	15.677	1241_X	--	Open Sea	Intergenic
chrX	64,303,209	4.01E-02	3.55E-01	0.826	82.609	0.630	63.043	0.052	5.202	3.040	0.090	9.048	1.810	-0.196	-19.565	1242_X	--	Open Sea	Intergenic
chrX	64,303,959	1.75E-02	1.75E-02	0.686	68.571	0.917	91.667	0.190	19.860	3.792	0.068	6.790	1.358	0.231	23.095	1242_X	--	Open Sea	Intergenic
chrX	65,687,824	2.73E-02	0.75E-02	0.672	67.200	0.540	54.000	0.161	16.242	0.399	0.399	0.742	0.742	0.120	12.043	1243_X	--	Open Sea	Intergenic
chrX	65,687,908	2.87E-02	7.61E-04	0.605	60.526	0.732	73.203	0.087	8.721	1.744	0.131	13.134	2.627	0.127	12.676	1243_X	AT	Open Sea	Intergenic
chrX	65,688,065	2.73E-02	3.58E-05	0.375	37.500	0.539	53.901	0.147	14.727	2.945	0.158	15.761	3.152	0.164	16.401	1243_X	cc	Open Sea	Intergenic
chrX	65,717,872	3.38E-02	3.38E-02	0.313	31.250	0.619	61.905	0.216	21.608	4.322	0.215	21.474	4.295	0.307	30.655	1244_X	CG nearby	Open Sea	Intergenic
chrX	65,718,401	3.13E-02	3.13E-02	0.485	48.500	0.205	20.500	0.171	17.087	1.204	0.087	1.204	0.717	0.717	7.171	1244_X	CG nearby	Open Sea	Intergenic
chrX	66,553,724	1.30E-03	1.09E-02	0.576	57.576	0.841	84.127	0.125	12.494	2.499	0.077	7.734	1.547	0.266	26.551	1245_X	AA	Open Sea	Intergenic
chrX	66,553,794	6.34E-03	1.97E-03	0.618	61.765	0.878	87.755	0.286	28.553	5.711	0.111	11.059	2.212	0.260	25.990	1245_X	Check manually	Open Sea	Intergenic
chrX	68,166,122	2.78E-02	1.51E-01	0.742	74.242	0.887	88.732	0.159	15.899	3.180	0.060	6.030	1.206	0.145	14.490	1246_X	--	Open Sea	Intergenic
chrX	68,166,325	6.79E-03	1.63E-02	0.363	36.265	0.851	85.136	0.263	26.293	5.093	0.297	5.093	1.919	0.181	18.170	1246_X	--	Open Sea	Intergenic
chrX	68,166,496	4.29E-02	1.61E-03	0.863	86.275	0.685	68.519	0.079	7.891	1.578	0.223	22.334	4.467	0.178	17.756	1246_X	--	Open Sea	Intergenic
chrX	68,193,277	3.66E-02	7.42E-03	0.516	51.634	0.636	63.636	0.245	24.469	4.894	0.051	5.089	1.818	0.120	12.002	1247_X	--	Open Sea	Intergenic
chrX	68,193,397	4.72E-02	7.42E-03	0.582	58.209	0.746	74.603	0.126	12.554	2.511	0.140	14.005	2.801	0.164	16.394	1247_X	--	Open Sea	Intergenic
chrX	68,194,218	4.29E-02	4.29E-02	0.261	26.081	0.275	27.515	0.275	27.515	3.862	0.165	1.652	0.305	0.305	3.053	1247_X	--	Open Sea	Intergenic
chrX	68,301,204	2.74E-02	2.10E-02	0.679	67.949	0.829	82.927	0.188	18.792	3.758	0.096	9.575	1.915	0.150	14.978	1248_X	TT	Open Sea	Intergenic
chrX	68,301,206	2.14E-02	2.10E-02	0.714	71.429	0.864	86.420	0.089	8.914	1.783	0.060	6.035	1.207	0.150	14.991	1248_X	TT	Open Sea	Intergenic
chrX	68,862,122	2.08E-02	2.08E-02	0.708	70.796	0.847	84.746	0.132	13.241	2.648	0.150	15.029	3.006	0.139	13.949	1249_X	--	Open Sea	Intergenic
chrX	68,863,146	2.98E-03	2.98E-01	0.936	93.590	0.859	85.940	0.388	38.833	7.765	0.108	10.833	2.167	0.241	24.145	1249_X	--	Open Sea	Intergenic
chrX	70,038,146	9.54E-03	4.32E-01	0.857	85.714	0.614	61.364	0.125	12.537	2.507	0.115	11.492	2.298	-0.244	-24.351	1250_X	--	Open Sea	Intergenic
chrX	70,038,894	3.99E-02	3.99E-02	0.426	42.647	0.556	55.639	0.094	9.401	1.880	0.067	6.687	1.337	0.130	12.992	1250_X	--	Open Sea	Intergenic
chrX	71,645,122	4.02E-02	2.96E-04	0.400	40.000	0.736	73.585	0.299	29.914	5.983	0.167	16.681	3.336	0.336	33.585	1251_X	--	Open Sea	Intergenic
chrX	71,645,197	1.25E-02	2.96E-04	0.800	80.000	0.500	50.000	0.107	10.702	2.140	0.337	3.337	0.300	-0.300	-30.000	1251_X	--	Open Sea	Intergenic
chrX	72,565,678	1.94E-02	1.94E-02	0.455	45.455	0.765	76.471	0.260	26.021	5.204	0.219	21.948	4.390	0.310	31.016	1252_X	--	Open Sea	Intergenic
chrX	72,566,280	7.83E-03	7.83E-03	0.580	57.955	0.708	72.807	0.080	7.992	1.598	0.093	9.329	1.866	0.208					

chXK	106,408,175	1.75E-02	1.96E-02	0.464	46.377	0.667	66.667	0.133	13.287	2.657	0.126	12.633	2.527	0.203	20.290	1277_X	--	Open Sea	Intergenic
chXK	106,408,336	1.20E-02	1.96E-02	0.848	84.848	0.662	66.154	0.086	8.621	1.724	0.127	12.706	2.541	-0.187	-18.695	1277_X	--	Open Sea	Intergenic
chXK	106,605,483	4.937E-02	8.67E-02	0.843	87.568	0.676	67.668	0.093	9.671	0.250	0.124	12.492	2.547	0.140	14.007	1278_X	ag	Open Sea	Intergenic
chXK	106,605,990	2.95E-02	6.03E-01	0.721	72.093	0.475	47.500	0.181	18.143	3.629	0.261	26.090	5.218	-0.246	-24.593	1278_X	--	Open Sea	Intergenic
chXK	107,555,720	4.30E-02	2.64E-02	0.710	70.968	0.524	52.381	0.183	18.288	3.658	0.107	10.720	2.144	-0.186	-18.587	1279_X	--	Open Sea	Intergenic
chXK	107,556,432	4.77E-02	7.81E-02	0.743	74.286	0.414	41.379	0.242	24.165	4.833	0.371	37.081	7.416	-0.329	-32.906	1279_X	--	Open Sea	Intergenic
chXK	107,667,200	4.49E-02	5.89E-02	0.656	65.659	0.686	68.000	0.082	8.905	0.137	13.682	0.127	12.686	0.234	22.375	1280_X	TG	Open Sea	Intergenic
chXK	107,667,381	1.16E-02	2.83E-02	0.614	61.364	0.861	86.111	0.210	21.023	4.205	0.091	9.080	1.812	0.247	24.747	1280_X	--	Open Sea	Intergenic
chXK	108,547,598	6.85E-03	4.65E-03	0.625	62.500	0.261	26.087	0.185	18.540	3.708	0.234	23.395	4.679	-0.364	-36.413	1281_X	--	Open Sea	Intergenic
chXK	108,547,612	3.70E-02	4.65E-03	0.704	70.370	0.400	40.000	0.378	37.829	7.568	0.267	26.677	5.335	-0.304	-30.370	1281_X	--	Open Sea	Intergenic
chXK	110,367,437	4.90E-02	4.98E-02	0.844	84.400	0.502	50.300	0.154	15.409	3.154	0.150	15.130	4.098	-0.154	-15.248	1282_X	--	Open Sea	Intergenic
chXK	110,367,635	2.63E-02	2.15E-02	0.850	85.000	0.552	55.172	0.126	12.638	2.528	0.224	22.361	4.472	-0.298	-29.828	1282_X	--	Open Sea	Intergenic
chXK	111,661,723	8.45E-03	1.70E-02	0.582	58.182	0.800	80.000	0.104	10.358	2.072	0.090	8.987	1.797	0.218	21.818	1283_X	--	Open Sea	Intergenic
chXK	111,662,208	1.61E-02	1.61E-02	0.647	64.706	0.397	39.655	0.186	18.590	3.718	0.146	14.649	2.930	-0.251	-25.051	1283_X	ag	Open Sea	Intergenic
chXK	111,919,071	3.79E-02	3.21E-01	0.617	61.700	0.769	76.603	0.242	24.169	4.834	0.142	14.170	2.933	0.233	23.295	1284_X	--	Open Sea	Intergenic
chXK	111,919,078	6.88E-03	3.21E-01	0.462	46.154	0.791	79.070	0.261	26.077	5.215	0.158	15.752	3.150	0.329	32.916	1284_X	--	Open Sea	Intergenic
chXK	112,103,037	2.09E-02	2.11E-01	0.200	20.000	0.360	36.047	0.119	11.919	2.384	0.084	8.376	1.675	0.160	16.047	1285_X	--	Open Sea	Intergenic
chXK	112,103,807	6.65E-03	5.89E-02	0.630	63.043	0.326	32.558	0.189	18.880	3.776	0.189	18.370	3.674	-0.305	-30.485	1285_X	--	Open Sea	Intergenic
chXK	112,573,723	3.27E-03	3.45E-04	0.603	60.274	0.778	77.778	0.191	19.108	3.822	0.112	11.152	2.232	0.175	17.504	1286_X	--	Open Sea	Intergenic
chXK	112,573,739	1.71E-02	3.45E-04	0.503	50.323	0.642	64.238	0.226	22.560	4.512	0.136	13.591	2.718	0.139	13.916	1286_X	--	Open Sea	Intergenic
chXK	113,809,633	4.54E-02	8.96E-02	0.852	85.185	0.629	62.857	0.144	14.447	2.889	0.210	21.028	4.206	-0.223	-22.328	1287_X	TG	Open Sea	Intergenic
chXK	113,810,072	3.71E-02	3.71E-02	0.451	45.116	0.840	84.000	0.169	16.895	3.377	0.099	9.939	1.968	0.189	18.804	1287_X	CT	Open Sea	Intergenic
chXK	114,316,592	1.37E-02	1.35E-04	0.380	38.000	0.660	66.000	0.193	19.282	3.852	0.215	21.544	4.309	0.280	28.000	1288_X	--	Open Sea	Intergenic
chXK	114,316,603	1.27E-02	1.35E-04	0.646	64.583	0.860	86.000	0.310	30.973	6.195	0.094	9.398	1.880	0.214	21.417	1288_X	--	Open Sea	Intergenic
chXK	115,119,338	3.89E-02	3.41E-01	0.407	40.741	0.714	71.429	0.153	15.278	3.056	0.378	37.815	7.563	0.307	30.688	1289_X	--	Open Sea	Intergenic
chXK	115,119,363	4.32E-02	5.81E-01	0.753	75.325	0.892	88.235	0.121	12.070	2.414	0.088	8.761	1.752	0.129	12.911	1289_X	--	Open Sea	Intergenic
chXK	115,202,282	2.11E-02	2.75E-03	0.733	73.171	0.875	87.500	0.202	20.072	4.014	0.079	7.892	1.502	0.140	14.329	1290_X	--	Open Sea	Intergenic
chXK	115,202,352	4.18E-03	5.18E-03	0.446	44.663	0.724	72.414	0.062	6.222	1.244	0.098	0.793	1.959	0.278	27.771	1290_X	--	Open Sea	Intergenic
chXK	116,755,607	4.84E-02	4.84E-02	0.614	61.404	0.829	82.857	0.249	24.850	4.970	0.101	10.131	2.026	0.215	21.454	1291_X	--	Open Sea	Intergenic
chXK	120,133,815	2.21E-02	2.21E-02	0.418	41.818	0.714	71.471	0.181	18.069	3.715	0.095	9.502	2.161	-0.262	-26.466	1291_X	--	Open Sea	Intergenic
chXK	120,133,885	4.50E-02	6.73E-03	0.424	42.373	0.638	63.768	0.214	21.422	4.284	0.194	19.449	3.890	0.214	21.395	1292_X	--	Open Sea	Intergenic
chXK	120,133,822	1.69E-02	6.73E-03	0.415	41.538	0.620	61.972	0.088	8.771	1.754	0.111	11.061	2.212	0.204	20.433	1292_X	--	Open Sea	Intergenic
chXK	120,133,846	1.70E-02	6.73E-03	0.500	50.000	0.682	68.182	0.119	11.853	2.371	0.167	16.697	3.339	0.182	18.182	1292_X	--	Open Sea	Intergenic
chXK	120,455,294	3.87E-03	1.57E-04	0.600	60.000	0.317	31.667	0.040	4.000	0.149	0.097	0.184	2.962	-0.383	-38.333	1293_X	CT	Open Sea	Intergenic
chXK	120,455,393	4.51E-02	1.57E-04	0.857	85.714	0.619	61.905	0.097	9.690	1.938	0.244	24.393	4.879	-0.238	-23.810	1293_X	--	Open Sea	Intergenic
chXK	120,503,185	3.57E-02	2.87E-01	0.576	57.576	0.821	82.143	0.229	22.938	4.588	0.154	15.419	3.084	0.246	24.567	1294_X	AG	Open Sea	Intergenic
chXK	120,504,082	2.40E-02	1.29E-01	0.704	70.408	0.838	83.838	0.141	14.060	2.810	0.075	7.530	1.506	0.134	13.430	1294_X	--	Open Sea	Intergenic
chXK	120,598,596	2.05E-02	2.05E-02	0.545	54.545	0.340	34.083	0.126	12.585	2.129	0.092	9.212	2.512	0.239	23.978	1295_X	--	Open Sea	Intergenic
chXK	120,599,302	2.05E-02	2.05E-02	0.167	16.667	0.403	40.323	0.148	14.809	2.562	0.158	15.828	2.366	0.237	23.656	1295_X	--	Open Sea	Intergenic
chXK	120,682,355	5.35E-03	5.35E-03	0.711	71.111	0.333	33.333	0.350	35.018	7.004	0.070	7.014	1.403	-0.378	-37.778	1296_X	TA	Open Sea	Intergenic
chXK	120,683,013	2.32E-02	2.32E-02	0.455	45.455	0.727	72.727	0.226	22.637	4.527	0.187	18.670	3.734	0.273	27.273	1296_X	CT	Open Sea	Intergenic
chXK	121,110,552	3.21E-02	3.21E-02	0.461	46.099	0.481	48.081	0.047	4.681	0.142	0.096	0.142	1.841	0.181	18.401	1297_X	--	Open Sea	Intergenic
chXK	121,411,048	3.05E-02	4.56E-02	0.563	56.250	0.742	74.242	0.053	5.294	1.059	0.161	16.137	3.227	0.180	17.992	1297_X	--	Open Sea	Intergenic
chXK	122,335,719	3.59E-02	1.58E-01	0.541	54.098	0.764	76.364	0.161	16.106	3.221	0.106	10.551	2.110	0.223	22.265	1298_X	--	Open Sea	Intergenic
chXK	122,336,045	7.14E-03	7.75E-02	0.875	87.500	0.648	64.815	0.086	8.620	1.724	0.101	10.100	2.020	-0.227	-22.685	1298_X	--	Open Sea	Intergenic
chXK	127,108,036	3.09E-03	3.09E-03	0.767	76.723	0.396	39.600	0.086	8.620	1.724	0.101	10.100	2.020	-0.227	-22.685	1299_X	--	Open Sea	Intergenic
chXK	127,109,202	4.56E-02	4.56E-02	0.767	76.744	0.543	54.286	0.126	12.556	2.511	0.323	32.294	6.459	-0.258	-25.458	1299_X	--	Open Sea	Intergenic
chXK	127,712,135	1.36E-02	1.64E-02	0.865	86.486	0.630	63.043	0.074	7.391	1.478	0.085	8.466	1.293	-0.234	-23.443	1300_X	--	Open Sea	Intergenic
chXK	127,712,867	3.53E-02	3.53E-02	0.543	54.348	0.759	75.926	0.295	29.487	5.897	0.179	17.336	3.587	0.216	21.578	1300_X	--	Open Sea	Intergenic
chXK	127,736,711	4.89E-02	4.28E-02	0.653	65.300	0.848	84.848	0.280	27.974	5.595	0.111	11.090	2.218	0.149	13.943	1301_X	--	Open Sea	Intergenic
chXK	127,737,319	2.96E-02	2.96E-02	0.641	64.113	0.744	74.419	0.081	8.075	1.615	0.102	10.179	2.036	0.103	10.306	1301_X	--	Open Sea	Intergenic
chXK	128,356,526	9.13E-03	8.09E-04	0.677	67.742	0.892	89.231	0.172	17.222	3.444	0.198	19.808	3.962	0.215	21.489	1302_X	--	Open Sea	Intergenic
chXK	128,356,609	1.71E-02	7.35E-04	0.143	14.286	0.306	30.588	0.077	7.674	1.535	0.103	10.279	2.056	0.163	16.303	1302_X	--	Open Sea	Intergenic
chXK	128,357,071	2.83E-02	5.00E-02	0.463	46.357	0.852	85.283	0.167	16.733	3.477	0.080	8.080	1.597	0.282	28.853	1303_X	--	Open Sea	Intergenic
chXK	128,357,631	1.06E-02	5.00E-02	0.686	68.651	0.375	37.500	0.157	15.727	3.145	0.078	7.817	1.563	0.189	18.929	1303_X	--	Open Sea	Intergenic
chXK	128,498,607	3.80E-02	1.78E-02	0.667	66.667	0.450	45.000	0.118	11.760	2.352	0.170	17.619	3.524	-0.217	-21.667	1304_X	--	Open Sea	Intergenic
chXK	128,498,704	3.84E-03	3.84E-03	0.523	52.273	0.833	83.333	0.203	20.334	4.067	0.085	8.485	1.697	0.311	31.061	1304_X	CT	Open Sea	Intergenic
chXK	131,455,183	9.32E-02	9.32E-02	0.714	71.429	0.886	88.608	0.152	15.233	3.053	0.083	8.376	1.675	0.160	16.047	1305_X	ca	Open Sea	Intergenic
chXK	131,455,896	1.77E-03	1.06E-02	0.382	38.235	0.750	75.000	0.196	19.598	3.920	0.128	12.775	2.555	0.368	36.765	1305_X	AG	Open Sea	Intergenic
chXK	137,562,360	1.59E-03	1.05E																

chrX	169,264,852	4.19E-02	2.03E-01	0.293	29.268	0.500	50.000	0.109	10.929	2.186	0.290	28.997	5.799	0.207	20.732	1328_X	--	Open Sea	Intron 8/12	Arhgap6
chrX	169,264,867	3.45E-02	2.03E-01	0.561	56.098	0.851	85.106	0.241	24.135	4.827	0.166	16.600	3.320	0.290	29.009	1328_X	--	Open Sea	Intron 8/12	Arhgap6
chrX	169,723,040	1.30E-02	2.06E-02	0.474	47.368	0.766	76.571	0.281	28.123	5.625	0.138	13.773	2.755	0.312	31.203	1329_X	--	Open Sea	Intron 1/9	Mid1
chrX	169,723,968	4.69E-02	4.05E-01	0.556	55.556	0.818	81.818	0.284	28.389	5.678	0.135	13.532	2.706	0.263	26.263	1329_X	--	Open Sea	Intron 1/9	Mid1
chrY	90,730,171	2.78E-02	3.38E-01	0.413	41.333	0.586	58.621	0.057	5.735	1.147	0.066	6.602	1.320	0.173	17.287	1330_Y	--	S Shore	Intergenic	
chrY	90,730,641	1.38E-02	6.48E-02	0.600	60.000	0.860	86.047	0.210	21.009	4.202	0.090	8.977	1.795	0.280	28.047	1330_Y	--	S Shore	Intergenic	

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Supplementary Table S7: Top five KEGG pathways hits of differentially methylated and expressed genes in islets of diabetes-prone compared to diabetes-resistant animals (see Figure 5). Pathways are ranked by fold enrichment analysis.

Category	Term	Genes	Number of genes	Fold Enrichment	unadjusted p-value
KEGG_PATHWAY	Amphetamine addiction	<i>Ddc, Adcy5, Grin1, Gria3, Gnas, Ppp3ca, Prka</i>	10	5.3	9.90E-05
KEGG_PATHWAY	Long-term potentiation	<i>Rps6ka3, Grin1, Crebbp, Rap1a, Rap1b, Ppp3</i>	9	4.8	5.00E-04
KEGG_PATHWAY	Cocaine addiction	<i>Ddc, Adcy5, Grin1, Gnas, Prkacb, Atf2</i>	6	4.3	1.20E-02
KEGG_PATHWAY	Insulin secretion	<i>Kcnma1, Gcg, Adcy5, Gnas, Prkacb, Cacna1c,</i>	10	4.1	6.70E-04
KEGG_PATHWAY	ECM-receptor interaction	<i>Lama2, Itga9, Lama4, Tnxb, Col3a1, Itga1, Col</i>	10	4	7.90E-04
KEGG_PATHWAY	Renin secretion	<i>Kcnma1, Adcy5, Gucy1a3, Gnas, Pde3a, Ppp3</i>	8	4	3.70E-03

Supplementary Table S8: Prospective association between T2D and DNA methylation in blood cells of participants in a nested case-control subcohort from EPIC-Potsdam study. All CpG sites used in the analysis are included in the table. Methylation profiles were assessed by 850K arrays.

CpG site	Gene symbol	Chromosome	Gene region	Odds ratio	95% Confidence interval	unadjusted p-value
cg25381383	MEIS2	chr15	TSS1500	0.33	(0.2; 0.55)	1.9E-05
cg11995041	WWOX	chr16	Body	2.36	(1.5; 3.71)	2.2E-04
cg19746591	TAOK3	chr12	Body	3.18	(1.7; 5.94)	2.9E-04
cg09587151	ATF7	chr12	5'UTR	0.52	(0.36; 0.74)	3.2E-04
cg09587151	ATF7	chr12	TSS200	0.52	(0.36; 0.74)	3.2E-04
cg09587151	ATF7	chr12	Body	0.52	(0.36; 0.74)	3.2E-04
cg17429772	PTPRN2	chr7	Body	2.04	(1.38; 3.02)	3.3E-04
cg17223866	ERI3	chr1	Body	0.51	(0.35; 0.74)	3.9E-04
cg00353899	TNFRSF11A	chr18	Body	2.69	(1.55; 4.64)	4.0E-04
cg07403233	PTPRN2	chr7	Body	2.14	(1.4; 3.27)	4.2E-04
cg11025469	PTPRN2	chr7	Body	2.04	(1.37; 3.05)	4.7E-04
cg22695921	ZBTB20	chr3	Body	0.44	(0.27; 0.7)	5.3E-04
cg22695921	ZBTB20	chr3	3'UTR	0.44	(0.27; 0.7)	5.3E-04
cg16111244	AKAP13	chr15	Body	2.39	(1.46; 3.92)	5.5E-04
cg01703291	PDE8A	chr15	Body	2.08	(1.37; 3.16)	6.1E-04
cg22991963	ERI3	chr1	Body	0.53	(0.37; 0.76)	7.0E-04
cg09983370	ATP8A1	chr4	Body	0.56	(0.39; 0.78)	7.3E-04
cg19055919	CACNA1C	chr12	Body	2.09	(1.36; 3.22)	8.1E-04
cg24236085	CSMD2	chr1	TSS200	0.56	(0.39; 0.79)	8.8E-04
cg06027691	CTDSPL	chr3	Body	0.52	(0.36; 0.77)	8.9E-04
cg02552307	PTPRU	chr1	Body	2.34	(1.41; 3.87)	9.3E-04
cg10175632	WWOX	chr16	Body	0.54	(0.37; 0.78)	9.5E-04
cg26871576	NOL4L	chr20	Body	1.97	(1.32; 2.95)	1.0E-03
cg03507228	CHD6	chr20	TSS200	1.99	(1.31; 3.02)	1.2E-03
cg11075883	CNTNAP2	chr7	Body	0.3	(0.15; 0.62)	1.2E-03
cg05593618	LOC100130933	chr17	Body	1.91	(1.29; 2.82)	1.3E-03
cg05593618	RECQL5	chr17	Body	1.91	(1.29; 2.82)	1.3E-03
cg07088328	DDHD2	chr8	5'UTR	0.56	(0.39; 0.8)	1.3E-03
cg07088328	DDHD2	chr8	1stExon	0.56	(0.39; 0.8)	1.3E-03
cg07088328	DDHD2	chr8	TSS1500	0.56	(0.39; 0.8)	1.3E-03
cg13762595	PHACTR1	chr6	Body	0.54	(0.38; 0.79)	1.3E-03
cg26425766	PTPRN2	chr7	Body	0.58	(0.42; 0.81)	1.3E-03
cg06620266	TXNDC9	chr2	5'UTR	0.57	(0.4; 0.8)	1.4E-03
cg02358382	PTPRN2	chr7	Body	0.55	(0.38; 0.8)	1.5E-03
cg09234312	COL5A2	chr2	Body	1.8	(1.25; 2.6)	1.7E-03
cg04136484	TNRC6B	chr22	Body	1.83	(1.26; 2.67)	1.7E-03
cg06471042	MEIS2	chr15	5'UTR	0.42	(0.25; 0.73)	1.8E-03
cg06471042	MEIS2	chr15	TSS200	0.42	(0.25; 0.73)	1.8E-03
cg06471042	MEIS2	chr15	TSS1500	0.42	(0.25; 0.73)	1.8E-03
cg12159230	TAOK3	chr12	5'UTR	0.54	(0.37; 0.79)	1.8E-03
cg25947619	AKAP13	chr15	Body	0.52	(0.34; 0.79)	1.9E-03
cg27536708	GOLT1B	chr12	5'UTR	0.37	(0.2; 0.69)	1.9E-03
cg27536708	GOLT1B	chr12	1stExon	0.37	(0.2; 0.69)	1.9E-03
cg27536708	RECQL	chr12	TSS1500	0.37	(0.2; 0.69)	1.9E-03
cg01209914	PTPRU	chr1	Body	1.9	(1.27; 2.86)	1.9E-03
cg11541124	SRSF10	chr1	Body	1.95	(1.28; 2.98)	2.1E-03
cg11541124	SRSF10	chr1	ExonBnd	1.95	(1.28; 2.98)	2.1E-03
cg10631304	TNFRSF1B	chr1	Body	1.9	(1.26; 2.85)	2.1E-03
cg25625815	CUX2	chr12	Body	1.98	(1.28; 3.07)	2.2E-03
cg08515646	PTPRN2	chr7	Body	0.5	(0.33; 0.78)	2.2E-03
cg19744528	PTPRN2	chr7	Body	0.6	(0.44; 0.84)	2.3E-03
cg08599635	WWOX	chr16	Body	2.04	(1.29; 3.22)	2.3E-03
cg19463796	PTPRN2	chr7	Body	1.62	(1.19; 2.2)	2.3E-03
cg00736375	ZBTB20	chr3	Body	0.58	(0.41; 0.82)	2.4E-03

cg00736375	ZBTB20	chr3	5'UTR	0.58	(0.41; 0.82)	2.4E-03
cg14276730	CHD6	chr20	Body	0.56	(0.38; 0.81)	2.4E-03
cg21325941	AKAP13	chr15	TSS1500	0.6	(0.44; 0.84)	2.5E-03
cg00591353	CDH13	chr16	Body	0.34	(0.17; 0.68)	2.5E-03
cg18427465	FBXO34	chr14	TSS1500	0.57	(0.39; 0.82)	2.5E-03
cg01068006	PEX14	chr1	TSS200	0.62	(0.46; 0.85)	2.5E-03
cg23953684	TENM2	chr5	Body	1.93	(1.26; 2.96)	2.5E-03
cg18278694	CEP350	chr1	5'UTR	0.16	(0.05; 0.52)	2.6E-03
cg14277044	RTN4RL1	chr17	Body	0.45	(0.27; 0.76)	2.6E-03
cg09707140	ARID1A	chr1	ExonBnd	0.6	(0.43; 0.84)	2.8E-03
cg09707140	ARID1A	chr1	Body	0.6	(0.43; 0.84)	2.8E-03
cg12111758	CUX2	chr12	Body	0.62	(0.46; 0.85)	2.8E-03
cg01511557	ELAVL4	chr1	Body	1.79	(1.22; 2.62)	2.8E-03
cg25735593	ZBTB20	chr3	Body	0.48	(0.3; 0.78)	2.8E-03
cg25735593	ZBTB20	chr3	5'UTR	0.48	(0.3; 0.78)	2.8E-03
cg12005819	CTDSPL	chr3	Body	2.2	(1.31; 3.69)	2.9E-03
cg17748769	PTPRN2	chr7	Body	0.55	(0.37; 0.81)	2.9E-03
cg22487972	TNFRSF1B	chr1	TSS1500	1.98	(1.26; 3.12)	2.9E-03
cg25043477	C11orf67	chr11	TSS1500	1.7	(1.2; 2.41)	3.0E-03
cg13580196	PDE8A	chr15	Body	0.52	(0.33; 0.8)	3.0E-03
cg12526346	ATF7IP	chr12	5'UTR	0.56	(0.38; 0.82)	3.1E-03
cg25923062	TNRC6B	chr22	5'UTR	2.2	(1.3; 3.7)	3.1E-03
cg02713721	CDH13	chr16	5'UTR	1.93	(1.25; 2.97)	3.2E-03
cg02713721	CDH13	chr16	Body	1.93	(1.25; 2.97)	3.2E-03
cg00099393	PTPRN2	chr7	Body	1.91	(1.24; 2.94)	3.2E-03
cg00698295	RECQL5	chr17	Body	1.78	(1.21; 2.6)	3.2E-03
cg11005229	SGIP1	chr1	Body	0.45	(0.26; 0.77)	3.3E-03
cg12999230	ORC4	chr2	TSS1500	2	(1.26; 3.18)	3.3E-03
cg12999230	MBD5	chr2	5'UTR	2	(1.26; 3.18)	3.3E-03
cg05203917	PDE8A	chr15	Body	1.78	(1.21; 2.61)	3.4E-03
cg06150803	TNFRSF19	chr13	TSS1500	0.59	(0.42; 0.84)	3.5E-03
cg04212285	PTPRN2	chr7	Body	1.72	(1.19; 2.47)	3.5E-03
cg02278209	FBXO38	chr5	Body	2.07	(1.27; 3.39)	3.6E-03
cg05136628	CDH13	chr16	3'UTR	1.92	(1.24; 2.97)	3.6E-03
cg17681277	TNFRSF12A	chr16	TSS200	0.54	(0.36; 0.82)	3.6E-03
cg11517132	PTPRN2	chr7	Body	1.78	(1.21; 2.63)	3.7E-03
cg19297726	NRXN1	chr2	Body	0.58	(0.41; 0.84)	3.8E-03
cg07676349	PTPRS	chr19	Body	1.75	(1.2; 2.56)	3.8E-03
cg25612405	CREBBP	chr16	Body	1.8	(1.21; 2.68)	3.8E-03
cg02230543	PTPRN2	chr7	Body	0.55	(0.37; 0.82)	3.9E-03
cg16409367	MEIS2	chr15	TSS1500	0.47	(0.29; 0.79)	3.9E-03
cg04979551	CREBBP	chr16	Body	0.55	(0.36; 0.82)	3.9E-03
cg00733324	EIF2S1	chr14	Body	0.53	(0.34; 0.82)	4.3E-03
cg11293572	PTPRN2	chr7	Body	1.85	(1.21; 2.83)	4.3E-03
cg17190864	TNFRSF10B	chr8	TSS200	0.59	(0.42; 0.85)	4.4E-03
cg19899563	SGIP1	chr1	TSS1500	0.62	(0.44; 0.86)	4.4E-03
cg04217753	DMXL2	chr15	Body	0.51	(0.32; 0.81)	4.4E-03
cg00333583	PDE8A	chr15	Body	0.57	(0.39; 0.84)	4.4E-03
cg01370437	PTPRN2	chr7	Body	1.79	(1.2; 2.68)	4.4E-03
cg27526736	PDE8A	chr15	5'UTR	1.94	(1.23; 3.06)	4.4E-03
cg27526736	PDE8A	chr15	Body	1.94	(1.23; 3.06)	4.4E-03
cg03784829	TAOK3	chr12	5'UTR	0.57	(0.39; 0.84)	4.4E-03
cg02641442	MEX3A	chr1	TSS1500	1.9	(1.22; 2.95)	4.6E-03
cg14953636	CACNA1C	chr12	Body	2	(1.24; 3.24)	4.8E-03
cg23427362	CACNA1C	chr12	Body	1.7	(1.17; 2.45)	4.9E-03
cg02001390	PTPRS	chr19	5'UTR	1.85	(1.2; 2.83)	5.0E-03
cg04872075	FBXO31	chr16	Body	1.69	(1.17; 2.45)	5.0E-03
cg09409457	PTPRN2	chr7	Body	0.58	(0.39; 0.85)	5.1E-03
cg26699755	RTN4RL1	chr17	Body	0.58	(0.4; 0.85)	5.1E-03
cg08549648	TENM2	chr5	Body	0.57	(0.39; 0.85)	5.1E-03
cg16143506	CNTNAP2	chr7	Body	2	(1.23; 3.25)	5.1E-03

cg27365342	<i>PHACTR1</i>	chr6	Body	1.94	(1.22; 3.08)	5.2E-03
cg10705789	<i>TDRP</i>	chr8	Body	1.88	(1.21; 2.92)	5.3E-03
cg12767196	<i>TNR</i>	chr1	5'UTR	0.57	(0.39; 0.85)	5.4E-03
cg20190112	<i>TNFRSF10D</i>	chr8	TSS1500	0.6	(0.42; 0.86)	5.5E-03
cg15688583	<i>UBE2E2</i>	chr3	Body	2.77	(1.35; 5.7)	5.5E-03
cg11436846	<i>PHACTR1</i>	chr6	Body	1.83	(1.19; 2.82)	5.7E-03
cg20723588	<i>UBE2E2</i>	chr3	TSS1500	0.59	(0.4; 0.86)	5.7E-03
cg11628355	<i>PTPRN2</i>	chr7	Body	1.6	(1.15; 2.22)	5.7E-03
cg23344069	<i>FBXO36</i>	chr2	Body	1.56	(1.14; 2.15)	5.7E-03
cg15921461	<i>PTPRN2</i>	chr7	Body	0.62	(0.45; 0.87)	5.7E-03
cg23349322	<i>PEX14</i>	chr1	Body	1.68	(1.16; 2.44)	5.8E-03
cg23887345	<i>PTPRN2</i>	chr7	Body	0.59	(0.41; 0.86)	5.8E-03
cg08856946	<i>CDH13</i>	chr16	Body	0.51	(0.31; 0.82)	5.8E-03
cg26229968	<i>DMXL2</i>	chr15	TSS1500	0.63	(0.46; 0.88)	5.8E-03
cg05553474	<i>NDUFA9</i>	chr12	TSS1500	0.62	(0.44; 0.87)	5.8E-03
cg03305742	<i>FBXO31</i>	chr16	Body	0.6	(0.42; 0.86)	5.8E-03
cg03305742	<i>FBXO31</i>	chr16	5'UTR	0.6	(0.42; 0.86)	5.8E-03
cg06678608	<i>WWOX</i>	chr16	ExonBnd	0.58	(0.39; 0.85)	5.9E-03
cg06678608	<i>WWOX</i>	chr16	Body	0.58	(0.39; 0.85)	5.9E-03
cg12843697	<i>CACNA1C</i>	chr12	Body	2.75	(1.33; 5.66)	6.2E-03
cg26267259	<i>PTPRN2</i>	chr7	Body	0.56	(0.37; 0.85)	6.3E-03
cg11381171	<i>NRXN1</i>	chr2	Body	0.46	(0.27; 0.81)	6.5E-03
cg17423711	<i>POU2F1</i>	chr1	5'UTR	0.36	(0.17; 0.75)	6.5E-03
cg17423711	<i>POU2F1</i>	chr1	1stExon	0.36	(0.17; 0.75)	6.5E-03
cg00044488	<i>PTPRN2</i>	chr7	1stExon	0.54	(0.34; 0.84)	6.5E-03
cg00044488	<i>PTPRN2</i>	chr7	Body	0.54	(0.34; 0.84)	6.5E-03
cg00044488	<i>PTPRN2</i>	chr7	5'UTR	0.54	(0.34; 0.84)	6.5E-03
cg11326510	<i>PTPRN2</i>	chr7	Body	1.61	(1.14; 2.28)	6.5E-03
cg08444457	<i>ATF7IP2</i>	chr16	5'UTR	0.61	(0.43; 0.87)	6.5E-03
cg08444457	<i>ATF7IP2</i>	chr16	Body	0.61	(0.43; 0.87)	6.5E-03
cg25546888	<i>PTPRN2</i>	chr7	Body	0.54	(0.35; 0.84)	6.5E-03
cg25744433	<i>CDH13</i>	chr16	Body	1.68	(1.16; 2.44)	6.6E-03
cg10495402	<i>CHD6</i>	chr20	Body	0.59	(0.4; 0.86)	6.6E-03
cg22544571	<i>SLC16A9</i>	chr10	5'UTR	0.55	(0.36; 0.85)	6.7E-03
ch.10.736188R	<i>WAC</i>	chr10	Body	1.66	(1.15; 2.39)	6.7E-03
cg06778159	<i>TNRC18</i>	chr7	Body	0.61	(0.43; 0.87)	6.7E-03
cg10833215	<i>TAOK3</i>	chr12	5'UTR	1.75	(1.17; 2.64)	6.7E-03
cg23241628	<i>RTN4</i>	chr2	TSS1500	0.58	(0.39; 0.86)	6.8E-03
cg10650290	<i>PTPRN2</i>	chr7	Body	0.62	(0.44; 0.88)	6.9E-03
cg26046877	<i>PTPRN2</i>	chr7	Body	0.61	(0.42; 0.87)	6.9E-03
cg14823710	<i>CTDSPL2</i>	chr15	5'UTR	0.57	(0.37; 0.86)	7.0E-03
cg05579652	<i>CACNA1C</i>	chr12	Body	1.6	(1.14; 2.26)	7.0E-03
cg14433374	<i>SCAF8</i>	chr6	Body	1.95	(1.2; 3.18)	7.1E-03
cg18671729	<i>DMXL2</i>	chr15	Body	0.6	(0.41; 0.87)	7.2E-03
cg26870074	<i>ZBTB20</i>	chr3	Body	0.51	(0.31; 0.83)	7.2E-03
cg26870074	<i>ZBTB20</i>	chr3	5'UTR	0.51	(0.31; 0.83)	7.2E-03
cg01352634	<i>FBXO11</i>	chr2	TSS1500	0.58	(0.39; 0.86)	7.2E-03
cg07508787	<i>TNRC18</i>	chr7	Body	0.61	(0.43; 0.88)	7.3E-03
cg21126680	<i>TAOK3</i>	chr12	Body	0.55	(0.36; 0.85)	7.3E-03
cg21902949	<i>CDH13</i>	chr16	Body	0.56	(0.37; 0.86)	7.3E-03
cg14836532	<i>TNFRSF11A</i>	chr18	TSS1500	0.61	(0.42; 0.87)	7.4E-03
cg12713223	<i>PTPRN2</i>	chr7	Body	1.71	(1.15; 2.53)	7.5E-03
cg05587239	<i>CUX2</i>	chr12	Body	1.61	(1.13; 2.28)	7.6E-03
cg04933208	<i>PTPRU</i>	chr1	Body	0.61	(0.42; 0.88)	7.8E-03
cg22091297	<i>TNFRSF19</i>	chr13	5'UTR	1.67	(1.14; 2.43)	7.8E-03
cg22091297	<i>TNFRSF19</i>	chr13	TSS200	1.67	(1.14; 2.43)	7.8E-03
cg01093285	<i>PTPRN2</i>	chr7	Body	1.57	(1.13; 2.19)	7.9E-03
cg18665569	<i>MBD5</i>	chr2	5'UTR	0.59	(0.4; 0.87)	8.0E-03
cg06149863	<i>DMXL2</i>	chr15	TSS1500	0.27	(0.1; 0.71)	8.2E-03
cg02872418	<i>PTPRN2</i>	chr7	Body	1.62	(1.13; 2.32)	8.3E-03
cg05723953	<i>HMGB4</i>	chr1	5'UTR	0.65	(0.47; 0.89)	8.3E-03

cg05723953	<i>HMGB4</i>	chr1	TSS1500	0.65	(0.47; 0.89)	8.3E-03
cg05723953	<i>CSMD2</i>	chr1	Body	0.65	(0.47; 0.89)	8.3E-03
cg10288307	<i>PTPRN2</i>	chr7	Body	0.58	(0.39; 0.87)	8.3E-03
cg05847519	<i>CDH13</i>	chr16	3'UTR	1.75	(1.15; 2.65)	8.3E-03
cg02100997	<i>PTPRU</i>	chr1	Body	0.54	(0.35; 0.86)	8.4E-03
cg15536575	<i>FBXO38</i>	chr5	TSS200	0.58	(0.38; 0.87)	8.4E-03
cg14952224	<i>TNFRSF11B</i>	chr8	TSS200	0.57	(0.38; 0.87)	8.5E-03
cg24202131	<i>BRUNOL4</i>	chr18	Body	1.65	(1.14; 2.39)	8.5E-03
cg07989917	<i>RECQL5</i>	chr17	Body	1.76	(1.15; 2.68)	8.6E-03
cg06316818	<i>CPEB1</i>	chr15	Body	0.59	(0.4; 0.88)	8.7E-03
cg06316818	<i>CPEB1</i>	chr15	5'UTR	0.59	(0.4; 0.88)	8.7E-03
cg26934214	<i>PTPRN2</i>	chr7	Body	0.67	(0.49; 0.9)	8.9E-03
cg20637014	<i>PTPRN2</i>	chr7	Body	1.73	(1.15; 2.61)	9.1E-03
cg14476013	<i>AKAP3</i>	chr12	5'UTR	1.56	(1.12; 2.19)	9.2E-03
cg14476013	<i>NDUFA9</i>	chr12	TSS1500	1.56	(1.12; 2.19)	9.2E-03
cg20760085	<i>BARX2</i>	chr11	Body	0.57	(0.37; 0.87)	9.3E-03
cg11318232	<i>CSMD2</i>	chr1	TSS1500	0.62	(0.43; 0.89)	9.3E-03
cg11318232	<i>CSMD2</i>	chr1	TSS200	0.62	(0.43; 0.89)	9.3E-03
cg02394998	<i>PTPRN2</i>	chr7	Body	0.65	(0.47; 0.9)	9.3E-03
cg23489038	<i>CUX2</i>	chr12	Body	0.44	(0.24; 0.82)	9.5E-03
cg14012538	<i>PTPRN2</i>	chr7	Body	0.64	(0.46; 0.9)	9.6E-03
cg16513467	<i>WAC</i>	chr10	Body	0.6	(0.41; 0.88)	9.8E-03
cg16513467	<i>WAC</i>	chr10	1stExon	0.6	(0.41; 0.88)	9.8E-03
cg16513467	<i>WAC</i>	chr10	5'UTR	0.6	(0.41; 0.88)	9.8E-03
cg17904797	<i>CSMD2</i>	chr1	Body	1.73	(1.14; 2.61)	9.8E-03
cg24829323	<i>UBE2E2</i>	chr3	TSS1500	0.66	(0.48; 0.9)	9.9E-03
cg18134437	<i>PTPRN2</i>	chr7	Body	1.63	(1.12; 2.38)	1.0E-02
cg21798574	<i>CHD6</i>	chr20	Body	0.47	(0.27; 0.84)	1.0E-02
cg10778298	<i>PEX14</i>	chr1	Body	1.54	(1.11; 2.15)	1.0E-02
cg06767389	<i>PTPRN2</i>	chr7	Body	0.54	(0.34; 0.87)	1.0E-02
cg00765518	<i>CCDC80</i>	chr3	Body	1.54	(1.11; 2.14)	1.1E-02
cg08753951	<i>RTN4R</i>	chr22	Body	1.72	(1.13; 2.6)	1.1E-02
cg02899718	<i>DACH1</i>	chr13	TSS200	0.64	(0.46; 0.9)	1.1E-02
cg09270225	<i>CSMD2</i>	chr1	TSS1500	0.64	(0.45; 0.9)	1.1E-02
cg15063355	<i>CHFR</i>	chr12	TSS1500	0.68	(0.51; 0.92)	1.1E-02
cg23298862	<i>PTPRN2</i>	chr7	Body	0.65	(0.47; 0.91)	1.1E-02
cg23874606	<i>PTPRS</i>	chr19	Body	1.67	(1.12; 2.48)	1.1E-02
cg26025358	<i>ATP8A1</i>	chr4	Body	0.53	(0.33; 0.87)	1.1E-02
cg04431143	<i>CTDSPL</i>	chr3	Body	0.53	(0.32; 0.86)	1.1E-02
cg09914263	<i>TENM2</i>	chr5	Body	0.62	(0.43; 0.9)	1.1E-02
cg26912640	<i>RAP1B</i>	chr12	5'UTR	1.64	(1.12; 2.39)	1.1E-02
cg06223313	<i>CTNND2</i>	chr5	Body	0.63	(0.44; 0.9)	1.1E-02
cg06223313	<i>CTNND2</i>	chr5	5'UTR	0.63	(0.44; 0.9)	1.1E-02
cg07157902	<i>TNRC6A</i>	chr16	Body	1.62	(1.11; 2.34)	1.1E-02
cg12267407	<i>CEP350</i>	chr1	5'UTR	0.64	(0.45; 0.9)	1.1E-02
cg19956836	<i>RTN4RL2</i>	chr11	Body	2.28	(1.2; 4.31)	1.1E-02
cg20096382	<i>CUX2</i>	chr12	Body	1.59	(1.11; 2.27)	1.2E-02
cg20515302	<i>MEIS2</i>	chr15	5'UTR	1.66	(1.12; 2.47)	1.2E-02
cg20515302	<i>MEIS2</i>	chr15	1stExon	1.66	(1.12; 2.47)	1.2E-02
cg20515302	<i>MEIS2</i>	chr15	Body	1.66	(1.12; 2.47)	1.2E-02
cg20515302	<i>MEIS2</i>	chr15	TSS1500	1.66	(1.12; 2.47)	1.2E-02
cg09029192	<i>TNRC6C</i>	chr17	5'UTR	1.96	(1.16; 3.33)	1.2E-02
cg12559179	<i>PTPRS</i>	chr19	5'UTR	0.68	(0.5; 0.92)	1.2E-02
cg13333383	<i>CDH13</i>	chr16	Body	1.54	(1.1; 2.17)	1.2E-02
cg02577881	<i>FBXO34</i>	chr14	5'UTR	0.59	(0.39; 0.89)	1.2E-02
cg03685124	<i>SGIP1</i>	chr1	TSS200	0.65	(0.46; 0.91)	1.2E-02
cg03685124	<i>SGIP1</i>	chr1	TSS1500	0.65	(0.46; 0.91)	1.2E-02
cg18088578	<i>PTPRU</i>	chr1	ExonBnd	2.03	(1.17; 3.52)	1.2E-02
cg18088578	<i>PTPRU</i>	chr1	Body	2.03	(1.17; 3.52)	1.2E-02
cg27003456	<i>CTDSPL</i>	chr3	Body	1.57	(1.1; 2.23)	1.2E-02
cg03391854	<i>PTPRN2</i>	chr7	Body	0.63	(0.44; 0.9)	1.2E-02

cg23384615	<i>PTPRN2</i>	chr7	Body	1.56	(1.1; 2.21)	1.2E-02
cg10331038	<i>TNR</i>	chr1	5'UTR	0.62	(0.42; 0.9)	1.3E-02
cg05971061	<i>SGIP1</i>	chr1	TSS1500	0.6	(0.4; 0.9)	1.3E-02
cg14178173	<i>PTPRN2</i>	chr7	Body	0.67	(0.49; 0.92)	1.3E-02
cg16435591	<i>AKAP13</i>	chr15	Body	0.61	(0.41; 0.9)	1.3E-02
cg16435591	<i>AKAP13</i>	chr15	ExonBnd	0.61	(0.41; 0.9)	1.3E-02
cg27604944	<i>DACH1</i>	chr13	1stExon	0.57	(0.37; 0.89)	1.3E-02
cg01454124	<i>TENM2</i>	chr5	Body	0.68	(0.51; 0.92)	1.3E-02
cg13300744	<i>CUX2</i>	chr12	Body	1.68	(1.12; 2.53)	1.3E-02
cg00585187	<i>CTDSPL</i>	chr3	Body	1.56	(1.1; 2.22)	1.3E-02
cg08113851	<i>PTPRN2</i>	chr7	Body	0.66	(0.47; 0.91)	1.3E-02
cg17852290	<i>CDH13</i>	chr16	Body	1.84	(1.14; 2.99)	1.3E-02
cg16381315	<i>ZBTB20</i>	chr3	Body	0.64	(0.45; 0.91)	1.3E-02
cg16381315	<i>ZBTB20</i>	chr3	5'UTR	0.64	(0.45; 0.91)	1.3E-02
cg16232236	<i>CPEB1</i>	chr15	Body	0.62	(0.43; 0.91)	1.3E-02
cg20114394	<i>FSTL1</i>	chr3	TSS1500	1.73	(1.12; 2.66)	1.3E-02
cg08698795	<i>CCDC80</i>	chr3	Body	1.59	(1.1; 2.3)	1.3E-02
cg21839449	<i>PTPRN2</i>	chr7	Body	1.53	(1.09; 2.15)	1.3E-02
cg13093457	<i>CDH13</i>	chr16	Body	1.64	(1.11; 2.43)	1.3E-02
cg04139300	<i>CHD6</i>	chr20	5'UTR	1.64	(1.11; 2.42)	1.3E-02
cg04139300	<i>CHD6</i>	chr20	1stExon	1.64	(1.11; 2.42)	1.3E-02
cg18136028	<i>TNRC18</i>	chr7	Body	1.76	(1.12; 2.75)	1.4E-02
cg06684201	<i>PTPRN2</i>	chr7	Body	1.5	(1.09; 2.06)	1.4E-02
cg05166022	<i>CACNA1C</i>	chr12	3'UTR	1.76	(1.12; 2.76)	1.4E-02
cg15622556	<i>TNFRSF1B</i>	chr1	Body	1.6	(1.1; 2.33)	1.4E-02
cg19708702	<i>SUGCT</i>	chr7	Body	0.56	(0.36; 0.89)	1.4E-02
cg13965321	<i>FBXO38</i>	chr5	5'UTR	1.47	(1.08; 2)	1.4E-02
cg00404049	<i>SRSF10</i>	chr1	Body	0.61	(0.41; 0.9)	1.4E-02
cg09702799	<i>MTCL1</i>	chr18	Body	0.58	(0.38; 0.9)	1.4E-02
cg07747177	<i>DCUN1D4</i>	chr4	TSS1500	1.52	(1.09; 2.13)	1.4E-02
cg17050526	<i>TENM2</i>	chr5	Body	0.61	(0.41; 0.91)	1.4E-02
cg26242726	<i>TNFRSF11A</i>	chr18	Body	1.93	(1.14; 3.27)	1.4E-02
cg02839565	<i>CACNA1C</i>	chr12	Body	1.52	(1.09; 2.11)	1.4E-02
cg03173748	<i>CDH13</i>	chr16	Body	1.56	(1.09; 2.22)	1.4E-02
cg27100547	<i>CREBBP</i>	chr16	Body	1.54	(1.09; 2.18)	1.4E-02
cg04448648	<i>RECQL5</i>	chr17	Body	1.68	(1.11; 2.53)	1.4E-02
cg12027899	<i>ZFP91</i>	chr11	3'UTR	1.65	(1.1; 2.48)	1.5E-02
cg25215360	<i>PEX14</i>	chr1	Body	1.55	(1.09; 2.2)	1.5E-02
cg18828966	<i>AKAP13</i>	chr15	Body	1.56	(1.09; 2.23)	1.5E-02
cg02160692	<i>FBXO11</i>	chr2	5'UTR	0.67	(0.48; 0.93)	1.5E-02
cg09023979	<i>EIF2S1</i>	chr14	TSS1500	1.63	(1.1; 2.41)	1.5E-02
cg23218943	<i>FBXO36</i>	chr2	TSS1500	0.6	(0.39; 0.91)	1.5E-02
cg17203820	<i>SUGCT</i>	chr7	Body	1.54	(1.08; 2.18)	1.6E-02
cg21432513	<i>CHFR</i>	chr12	Body	0.67	(0.49; 0.93)	1.6E-02
cg20663709	<i>COL1A2</i>	chr7	Body	0.61	(0.41; 0.91)	1.6E-02
cg04083208	<i>PTPRN2</i>	chr7	Body	1.6	(1.09; 2.34)	1.6E-02
cg27431037	<i>CACNA1C</i>	chr12	Body	0.65	(0.46; 0.92)	1.6E-02
cg06263372	<i>BRUNOL4</i>	chr18	Body	0.68	(0.49; 0.93)	1.6E-02
cg11830694	<i>CACNA1C</i>	chr12	Body	0.65	(0.46; 0.92)	1.6E-02
cg01571169	<i>FBXO31</i>	chr16	Body	1.66	(1.1; 2.5)	1.6E-02
cg12001456	<i>PTPRN2</i>	chr7	Body	1.51	(1.08; 2.11)	1.6E-02
cg15465343	<i>PEX14</i>	chr1	Body	1.68	(1.1; 2.58)	1.6E-02
cg09214447	<i>ARID1A</i>	chr1	Body	0.62	(0.42; 0.92)	1.6E-02
cg20899329	<i>PTPRN2</i>	chr7	Body	0.64	(0.45; 0.92)	1.6E-02
cg13085404	<i>BARX2</i>	chr11	Body	0.65	(0.46; 0.92)	1.7E-02
cg09335647	<i>CNTNAP2</i>	chr7	Body	0.62	(0.42; 0.92)	1.7E-02
cg26407924	<i>CTNND2</i>	chr5	TSS1500	1.52	(1.08; 2.15)	1.7E-02
cg25598678	<i>PTPRS</i>	chr19	Body	1.65	(1.09; 2.49)	1.7E-02
cg20338628	<i>DDHD2</i>	chr8	5'UTR	0.67	(0.49; 0.93)	1.7E-02
cg20338628	<i>DDHD2</i>	chr8	1stExon	0.67	(0.49; 0.93)	1.7E-02
cg20338628	<i>DDHD2</i>	chr8	TSS1500	0.67	(0.49; 0.93)	1.7E-02

cg05040815	SLC16A9	chr10	Body	0.57	(0.35; 0.9)	1.7E-02
cg18216587	CNTNAP2	chr7	Body	0.58	(0.37; 0.91)	1.7E-02
cg15685922	MEX3A	chr1	3'UTR	1.5	(1.07; 2.08)	1.7E-02
cg17958768	CTDSPL2	chr15	Body	0.58	(0.38; 0.91)	1.7E-02
cg07264461	AKAP13	chr15	5'UTR	0.55	(0.33; 0.9)	1.7E-02
cg04193909	TNRC18	chr7	Body	0.66	(0.47; 0.93)	1.7E-02
cg16468350	TNRC6B	chr22	Body	2.02	(1.13; 3.59)	1.7E-02
cg06648780	ALCAM	chr3	Body	0.67	(0.48; 0.93)	1.7E-02
cg26167736	ATP6V0C	chr16	Body	1.75	(1.1; 2.77)	1.7E-02
cg00089915	SGIP1	chr1	TSS200	1.59	(1.08; 2.34)	1.8E-02
cg02860108	PTPRN2	chr7	Body	1.52	(1.08; 2.15)	1.8E-02
cg05341539	AKAP13	chr15	Body	1.48	(1.07; 2.03)	1.8E-02
cg10618874	CHD6	chr20	5'UTR	1.56	(1.08; 2.26)	1.8E-02
cg00496170	EIF2S1	chr14	TSS200	0.64	(0.45; 0.93)	1.8E-02
cg19360425	PTPRS	chr19	Body	2.01	(1.13; 3.58)	1.8E-02
cg24688143	PTPRN2	chr7	Body	1.61	(1.09; 2.4)	1.8E-02
cg04076461	DCUN1D4	chr4	Body	0.66	(0.47; 0.93)	1.8E-02
cg22125926	TNFRSF19	chr13	TSS200	0.66	(0.47; 0.93)	1.8E-02
cg20749591	SUGCT	chr7	Body	0.56	(0.35; 0.91)	1.8E-02
cg26896818	PDE8A	chr15	Body	0.32	(0.13; 0.83)	1.8E-02
cg25656514	WAC	chr10	Body	0.65	(0.46; 0.93)	1.8E-02
cg01125058	ZNF704	chr8	Body	1.55	(1.08; 2.23)	1.8E-02
cg19192649	TXNDC9	chr2	TSS200	1.51	(1.07; 2.12)	1.9E-02
cg24443768	RTN4	chr2	Body	0.53	(0.31; 0.9)	1.9E-02
cg08975641	COL5A2	chr2	Body	0.64	(0.44; 0.93)	1.9E-02
cg17116969	ZNF704	chr8	Body	1.61	(1.08; 2.41)	1.9E-02
cg23030397	CHFR	chr12	3'UTR	0.64	(0.45; 0.93)	1.9E-02
cg08098392	CACNA1C	chr12	Body	1.45	(1.06; 1.99)	1.9E-02
cg12348202	PTPRN2	chr7	TSS1500	0.55	(0.34; 0.91)	1.9E-02
cg14610403	SGIP1	chr1	TSS1500	0.63	(0.42; 0.93)	1.9E-02
cg08930672	PTPRN2	chr7	Body	0.67	(0.47; 0.94)	1.9E-02
cg01067813	CNTNAP2	chr7	Body	0.58	(0.37; 0.92)	1.9E-02
cg09313299	TAOK3	chr12	5'UTR	1.55	(1.07; 2.23)	1.9E-02
cg01528768	RTN4RL1	chr17	Body	0.54	(0.32; 0.9)	1.9E-02
cg09828503	TNRC18	chr7	Body	0.64	(0.44; 0.93)	2.0E-02
cg21459816	PTPRN2	chr7	Body	0.66	(0.47; 0.94)	2.0E-02
cg26152597	ZBTB20	chr3	5'UTR	0.72	(0.54; 0.95)	2.0E-02
cg04555113	CTNND2	chr5	Body	0.67	(0.48; 0.94)	2.0E-02
cg04555113	CTNND2	chr5	5'UTR	0.67	(0.48; 0.94)	2.0E-02
cg12834378	PTPRN2	chr7	Body	1.46	(1.06; 2)	2.0E-02
cg00312762	CSMD2	chr1	Body	1.71	(1.09; 2.68)	2.0E-02
cg12138780	PTPRN2	chr7	Body	0.67	(0.47; 0.94)	2.0E-02
cg07315426	PTPRN2	chr7	Body	0.65	(0.45; 0.94)	2.1E-02
cg21575121	CHD6	chr20	Body	1.47	(1.06; 2.04)	2.1E-02
cg04774496	CHFR	chr12	TSS1500	1.55	(1.07; 2.24)	2.1E-02
cg08722541	CACNA1C	chr12	Body	1.72	(1.09; 2.72)	2.1E-02
cg05983814	DNAI2	chr17	5'UTR	3.18	(1.19; 8.5)	2.1E-02
cg12520664	CDH13	chr16	Body	1.69	(1.08; 2.63)	2.1E-02
cg20035319	TNRC6C	chr17	3'UTR	1.69	(1.08; 2.65)	2.1E-02
cg21508011	TENM2	chr5	Body	0.52	(0.29; 0.91)	2.1E-02
cg08401938	PTPRN2	chr7	Body	1.54	(1.07; 2.22)	2.1E-02
cg01312486	ELAVL4	chr1	Body	0.58	(0.36; 0.92)	2.1E-02
cg10203440	CREBBP	chr16	3'UTR	1.56	(1.07; 2.29)	2.2E-02
cg06208270	MEX3A	chr1	3'UTR	1.54	(1.07; 2.21)	2.2E-02
cg18725076	CTNND2	chr5	TSS1500	0.63	(0.43; 0.93)	2.2E-02
cg17174566	ACVR2A	chr2	Body	1.59	(1.07; 2.36)	2.2E-02
cg20149255	CEP350	chr1	5'UTR	0.62	(0.41; 0.93)	2.2E-02
cg00545804	TSHZ3	chr19	TSS1500	0.64	(0.43; 0.94)	2.2E-02
cg14689490	PTPRN2	chr7	Body	1.53	(1.06; 2.21)	2.2E-02
cg22188450	ELAVL4	chr1	TSS1500	0.57	(0.35; 0.92)	2.2E-02
cg22188450	ELAVL4	chr1	Body	0.57	(0.35; 0.92)	2.2E-02

cg12968518	ACVR2A	chr2	TSS200	0.58	(0.36; 0.93)	2.2E-02
cg02896073	NOL4	chr18	Body	1.49	(1.06; 2.1)	2.3E-02
cg04495299	TNRC18	chr7	Body	0.67	(0.48; 0.95)	2.3E-02
cg23066936	CHCHD6	chr3	Body	0.65	(0.45; 0.94)	2.3E-02
cg00624878	CREBBP	chr16	Body	0.69	(0.5; 0.95)	2.3E-02
cg19738802	PTPRN2	chr7	Body	1.52	(1.06; 2.19)	2.3E-02
cg11757808	CTNND2	chr5	Body	1.47	(1.06; 2.05)	2.3E-02
cg23758354	PTPRN2	chr7	Body	1.59	(1.07; 2.37)	2.3E-02
cg05209192	PTPRN2	chr7	Body	0.62	(0.41; 0.94)	2.3E-02
cg08861449	CSMD2	chr1	3'UTR	1.71	(1.08; 2.73)	2.3E-02
cg10502354	PTPRN2	chr7	Body	0.6	(0.39; 0.93)	2.3E-02
cg07736327	DCUN1D4	chr4	Body	0.69	(0.5; 0.95)	2.3E-02
cg09533758	SUSD4	chr1	Body	1.54	(1.06; 2.25)	2.4E-02
cg14310768	FBXO11	chr2	TSS1500	0.69	(0.5; 0.95)	2.4E-02
cg18742528	PHACTR1	chr6	Body	0.58	(0.36; 0.93)	2.4E-02
cg02350295	CREBBP	chr16	Body	1.46	(1.05; 2.03)	2.4E-02
cg17561365	PTPRN2	chr7	Body	0.64	(0.43; 0.94)	2.4E-02
cg26138500	PTPRN2	chr7	Body	0.63	(0.42; 0.94)	2.4E-02
cg05370334	WWOX	chr16	Body	0.69	(0.5; 0.95)	2.4E-02
cg05529091	CUX2	chr12	Body	0.71	(0.53; 0.96)	2.4E-02
cg14357226	FBXO33	chr14	TSS1500	0.68	(0.48; 0.95)	2.5E-02
cg10055059	NOL4	chr18	Body	0.68	(0.49; 0.95)	2.5E-02
cg24002522	ALCAM	chr3	Body	1.58	(1.06; 2.35)	2.5E-02
cg05024901	AKAP13	chr15	5'UTR	1.51	(1.05; 2.16)	2.5E-02
cg04545942	DACH1	chr13	Body	1.56	(1.06; 2.29)	2.5E-02
cg16609021	PTPRN2	chr7	Body	1.45	(1.05; 2)	2.5E-02
cg04040672	CDH13	chr16	5'UTR	0.63	(0.42; 0.94)	2.5E-02
cg04040672	CDH13	chr16	Body	0.63	(0.42; 0.94)	2.5E-02
cg18889973	PTPRN2	chr7	Body	0.7	(0.51; 0.96)	2.5E-02
cg17218498	TDRP	chr8	5'UTR	1.52	(1.05; 2.19)	2.5E-02
cg17218498	TDRP	chr8	TSS200	1.52	(1.05; 2.19)	2.5E-02
cg16387516	CDH13	chr16	Body	0.67	(0.47; 0.95)	2.5E-02
cg13561598	PTPRN2	chr7	Body	0.67	(0.47; 0.95)	2.5E-02
cg06041067	PTPRN2	chr7	Body	1.46	(1.05; 2.04)	2.6E-02
cg19689370	MEIS2	chr15	Body	0.69	(0.5; 0.96)	2.6E-02
cg12312863	ATP6V0C	chr16	3'UTR	0.65	(0.45; 0.95)	2.6E-02
cg09395552	CHD6	chr20	Body	0.59	(0.37; 0.94)	2.6E-02
cg06176929	PTPRN2	chr7	Body	0.65	(0.45; 0.95)	2.6E-02
cg19798199	DDHD2	chr8	5'UTR	0.67	(0.47; 0.95)	2.6E-02
cg19798199	DDHD2	chr8	ExonBnd	0.67	(0.47; 0.95)	2.6E-02
cg05522408	ZBTB20	chr3	Body	0.66	(0.46; 0.95)	2.6E-02
cg05522408	ZBTB20	chr3	5'UTR	0.66	(0.46; 0.95)	2.6E-02
cg20136855	TNFRSF1B	chr1	Body	1.89	(1.08; 3.32)	2.6E-02
cg01480833	ZBTB20	chr3	Body	0.49	(0.26; 0.92)	2.6E-02
cg01480833	ZBTB20	chr3	5'UTR	0.49	(0.26; 0.92)	2.6E-02
cg21725496	TNRC18	chr7	Body	1.51	(1.05; 2.17)	2.6E-02
cg13464117	PTPRN2	chr7	Body	0.65	(0.44; 0.95)	2.6E-02
cg01689048	FBXO31	chr16	Body	1.52	(1.05; 2.19)	2.6E-02
cg01689048	FBXO31	chr16	5'UTR	1.52	(1.05; 2.19)	2.6E-02
cg00006600	AKAP13	chr15	5'UTR	0.71	(0.52; 0.96)	2.6E-02
cg15267623	NOL4L	chr20	Body	0.6	(0.39; 0.94)	2.7E-02
cg11173773	TXNDC9	chr2	1stExon	0.67	(0.47; 0.95)	2.7E-02
cg11173773	TXNDC9	chr2	5'UTR	0.67	(0.47; 0.95)	2.7E-02
cg05645404	ALCAM	chr3	Body	0.68	(0.48; 0.96)	2.7E-02
cg06614534	CREBBP	chr16	Body	1.5	(1.05; 2.15)	2.7E-02
cg10010183	PTPRU	chr1	Body	0.65	(0.44; 0.95)	2.7E-02
cg09473826	TNR	chr1	5'UTR	0.68	(0.48; 0.96)	2.7E-02
cg04110886	PEX14	chr1	Body	1.74	(1.06; 2.83)	2.7E-02
cg19939572	ATF7IP	chr12	5'UTR	0.68	(0.48; 0.96)	2.7E-02
cg19939572	ATF7IP	chr12	Body	0.68	(0.48; 0.96)	2.7E-02
cg08615694	PTPRN2	chr7	Body	1.48	(1.04; 2.09)	2.7E-02

cg24350296	<i>TNFRSF19</i>	chr13	TSS1500	0.69	(0.5; 0.96)	2.8E-02
cg05818685	<i>CTNND2</i>	chr5	Body	1.66	(1.06; 2.59)	2.8E-02
cg08883197	<i>TNFRSF19</i>	chr13	Body	1.5	(1.05; 2.14)	2.8E-02
cg25329538	<i>ZBTB20</i>	chr3	Body	0.61	(0.39; 0.95)	2.8E-02
cg25329538	<i>ZBTB20</i>	chr3	5'UTR	0.61	(0.39; 0.95)	2.8E-02
cg17186086	<i>TAOK3</i>	chr12	TSS200	0.69	(0.5; 0.96)	2.8E-02
cg16640553	<i>FBXO31</i>	chr16	Body	0.65	(0.44; 0.95)	2.8E-02
cg15204882	<i>NOL4L</i>	chr20	Body	0.66	(0.46; 0.96)	2.8E-02
cg02637432	<i>BARX2</i>	chr11	Body	0.68	(0.49; 0.96)	2.8E-02
cg03375339	<i>FBXO36</i>	chr2	Body	0.67	(0.46; 0.96)	2.8E-02
cg13569053	<i>PTPRU</i>	chr1	Body	0.62	(0.4; 0.95)	2.9E-02
cg25363807	<i>ERI3</i>	chr1	Body	1.8	(1.06; 3.04)	2.9E-02
cg27581190	<i>PTPRN2</i>	chr7	Body	1.44	(1.04; 2)	2.9E-02
cg04853218	<i>FBXO34</i>	chr14	5'UTR	1.95	(1.07; 3.54)	2.9E-02
cg04159098	<i>CSMD2</i>	chr1	3'UTR	0.66	(0.45; 0.96)	2.9E-02
cg13564859	<i>DCUN1D4</i>	chr4	Body	0.64	(0.43; 0.96)	2.9E-02
cg13564859	<i>DCUN1D4</i>	chr4	1stExon	0.64	(0.43; 0.96)	2.9E-02
cg13564859	<i>DCUN1D4</i>	chr4	5'UTR	0.64	(0.43; 0.96)	2.9E-02
cg12222588	<i>BRUNOL4</i>	chr18	3'UTR	1.64	(1.05; 2.55)	2.9E-02
cg23752651	<i>TNFRSF1A</i>	chr12	Body	0.6	(0.38; 0.95)	2.9E-02
cg25513853	<i>DNAI2</i>	chr17	5'UTR	0.66	(0.46; 0.96)	2.9E-02
cg24029819	<i>PTPRN2</i>	chr7	Body	1.5	(1.04; 2.17)	2.9E-02
cg18460884	<i>CSMD2</i>	chr1	Body	0.64	(0.42; 0.96)	3.0E-02
cg15044674	<i>TNRC18</i>	chr7	Body	1.43	(1.04; 1.98)	3.0E-02
cg03966010	<i>PTPRN2</i>	chr7	Body	0.64	(0.42; 0.96)	3.0E-02
cg22337605	<i>TNFRSF1B</i>	chr1	Body	0.7	(0.51; 0.97)	3.0E-02
cg03071124	<i>PTPRN2</i>	chr7	Body	0.68	(0.48; 0.96)	3.0E-02
cg06059332	<i>CNTNAP2</i>	chr7	Body	1.51	(1.04; 2.2)	3.0E-02
cg25216403	<i>BRUNOL4</i>	chr18	TSS1500	0.7	(0.5; 0.97)	3.0E-02
cg08201986	<i>PTPRN2</i>	chr7	Body	1.55	(1.04; 2.3)	3.0E-02
cg16992960	<i>PTPRN2</i>	chr7	Body	0.69	(0.49; 0.97)	3.0E-02
cg10316877	<i>FBXO31</i>	chr16	Body	0.69	(0.49; 0.97)	3.0E-02
cg10316877	<i>FBXO31</i>	chr16	5'UTR	0.69	(0.49; 0.97)	3.0E-02
cg07060175	<i>TENM2</i>	chr5	Body	1.4	(1.03; 1.91)	3.1E-02
cg05180009	<i>CDH13</i>	chr16	Body	0.67	(0.47; 0.96)	3.1E-02
cg08211967	<i>AKAP13</i>	chr15	TSS200	1.45	(1.03; 2.03)	3.1E-02
cg18156396	<i>WWOX</i>	chr16	Body	0.67	(0.47; 0.96)	3.1E-02
cg07584721	<i>POU2F1</i>	chr1	Body	0.41	(0.19; 0.92)	3.1E-02
cg03330374	<i>PTPRN2</i>	chr7	Body	0.73	(0.55; 0.97)	3.1E-02
cg20983647	<i>PTPRN2</i>	chr7	Body	0.66	(0.45; 0.96)	3.1E-02
cg10073916	<i>NOL4L</i>	chr20	Body	1.51	(1.04; 2.19)	3.1E-02
cg01595298	<i>TNR</i>	chr1	5'UTR	0.67	(0.46; 0.96)	3.1E-02
cg21325485	<i>PTPRN2</i>	chr7	Body	1.42	(1.03; 1.96)	3.1E-02
cg14183712	<i>PTPRN2</i>	chr7	Body	1.39	(1.03; 1.89)	3.2E-02
cg09077317	<i>CTDSPL</i>	chr3	Body	1.58	(1.04; 2.4)	3.2E-02
cg01880569	<i>CDH13</i>	chr16	TSS1500	0.68	(0.48; 0.97)	3.2E-02
cg02420724	<i>COL5A2</i>	chr2	TSS1500	0.67	(0.47; 0.97)	3.2E-02
cg04403629	<i>ZBTB20</i>	chr3	TSS1500	0.67	(0.46; 0.97)	3.2E-02
cg17692125	<i>BARX2</i>	chr11	TSS1500	0.67	(0.47; 0.97)	3.2E-02
cg00150128	<i>TNRC6C</i>	chr17	TSS1500	1.49	(1.04; 2.14)	3.2E-02
cg21606115	<i>PTPRN2</i>	chr7	Body	0.68	(0.48; 0.97)	3.2E-02
cg24093300	<i>PTPRN2</i>	chr7	Body	1.48	(1.03; 2.12)	3.2E-02
cg14086681	<i>PTPRN2</i>	chr7	Body	0.72	(0.54; 0.97)	3.2E-02
cg05475712	<i>CHCHD6</i>	chr3	Body	1.44	(1.03; 2.01)	3.2E-02
cg12076945	<i>RAP1B</i>	chr12	5'UTR	0.71	(0.52; 0.97)	3.2E-02
cg04486528	<i>CNTNAP2</i>	chr7	Body	0.71	(0.51; 0.97)	3.2E-02
cg22302675	<i>PTPRN2</i>	chr7	Body	1.39	(1.03; 1.88)	3.3E-02
cg16278604	<i>CTNND2</i>	chr5	Body	0.64	(0.43; 0.96)	3.3E-02
cg07031120	<i>PHACTR1</i>	chr6	TSS1500	0.68	(0.48; 0.97)	3.3E-02
cg21867714	<i>TNRC18</i>	chr7	Body	0.67	(0.46; 0.97)	3.3E-02
cg06703980	<i>CHCHD6</i>	chr3	Body	1.5	(1.03; 2.18)	3.3E-02

cg13328862	<i>ATP8A1</i>	chr4	Body	0.55	(0.32; 0.95)	3.3E-02
cg11900210	<i>BRUNOL4</i>	chr18	Body	1.7	(1.04; 2.77)	3.3E-02
cg06712763	<i>TNFRSF12A</i>	chr16	TSS1500	0.62	(0.4; 0.96)	3.3E-02
cg19027985	<i>PTPRN2</i>	chr7	Body	1.49	(1.03; 2.15)	3.3E-02
cg15439038	<i>MBD5</i>	chr2	5'UTR	0.66	(0.45; 0.97)	3.3E-02
cg14724283	<i>PTPRU</i>	chr1	Body	1.41	(1.03; 1.95)	3.3E-02
cg15334096	<i>PTPRN2</i>	chr7	Body	1.45	(1.03; 2.05)	3.3E-02
cg06423822	<i>PTPRN2</i>	chr7	Body	0.67	(0.46; 0.97)	3.3E-02
cg08954025	<i>PTPRN2</i>	chr7	Body	0.7	(0.5; 0.97)	3.3E-02
cg12344326	<i>SGIP1</i>	chr1	Body	0.7	(0.5; 0.97)	3.3E-02
cg11410032	<i>CTNND2</i>	chr5	3'UTR	1.56	(1.04; 2.34)	3.4E-02
cg21626408	<i>TAOK3</i>	chr12	5'UTR	0.71	(0.51; 0.97)	3.4E-02
cg25699602	<i>NRXN1</i>	chr2	5'UTR	0.7	(0.5; 0.97)	3.4E-02
cg05529201	<i>FBXO31</i>	chr16	Body	1.48	(1.03; 2.13)	3.4E-02
cg02024855	<i>PTPRN2</i>	chr7	Body	1.45	(1.03; 2.05)	3.4E-02
cg20334079	<i>TNFRSF19</i>	chr13	TSS200	0.68	(0.48; 0.97)	3.4E-02
cg08454053	<i>RTN4RL1</i>	chr17	Body	0.61	(0.39; 0.96)	3.4E-02
cg16684217	<i>PHACTR1</i>	chr6	Body	1.99	(1.05; 3.78)	3.4E-02
cg12975130	<i>RNU5E-1</i>	chr5	Body	1.46	(1.03; 2.09)	3.4E-02
cg20891097	<i>MEIS2</i>	chr15	5'UTR	1.45	(1.03; 2.04)	3.5E-02
cg20891097	<i>MEIS2</i>	chr15	1stExon	1.45	(1.03; 2.04)	3.5E-02
cg20891097	<i>MEIS2</i>	chr15	Body	1.45	(1.03; 2.04)	3.5E-02
cg20891097	<i>MEIS2</i>	chr15	TSS1500	1.45	(1.03; 2.04)	3.5E-02
cg15397975	<i>NRXN1</i>	chr2	Body	1.82	(1.04; 3.17)	3.5E-02
cg07834314	<i>GNA12</i>	chr7	Body	0.72	(0.53; 0.98)	3.5E-02
cg10459548	<i>CUX2</i>	chr12	Body	0.69	(0.48; 0.97)	3.5E-02
cg26784211	<i>TNRC6B</i>	chr22	Body	0.57	(0.34; 0.96)	3.5E-02
cg12804517	<i>CHD6</i>	chr20	5'UTR	0.62	(0.39; 0.97)	3.5E-02
cg12181907	<i>TAOK3</i>	chr12	Body	0.55	(0.31; 0.96)	3.5E-02
cg10567625	<i>CHCHD6</i>	chr3	Body	1.47	(1.03; 2.09)	3.5E-02
cg17330843	<i>TNFRSF1A</i>	chr12	TSS1500	0.71	(0.51; 0.98)	3.5E-02
cg06409588	<i>CSMD2</i>	chr1	ExonBnd	0.64	(0.42; 0.97)	3.5E-02
cg06409588	<i>CSMD2</i>	chr1	Body	0.64	(0.42; 0.97)	3.5E-02
cg10322560	<i>PTPRN2</i>	chr7	Body	1.42	(1.02; 1.98)	3.5E-02
cg06400095	<i>SMARCD3</i>	chr7	Body	2.04	(1.05; 3.98)	3.5E-02
cg18332814	<i>TNFRSF19</i>	chr13	3'UTR	0.65	(0.43; 0.97)	3.6E-02
cg27555525	<i>PTPRS</i>	chr19	Body	1.52	(1.03; 2.24)	3.6E-02
cg10856813	<i>SUSD4</i>	chr1	1stExon	0.66	(0.45; 0.97)	3.6E-02
cg10856813	<i>SUSD4</i>	chr1	5'UTR	0.66	(0.45; 0.97)	3.6E-02
cg22630180	<i>CREBBP</i>	chr16	Body	1.45	(1.02; 2.04)	3.6E-02
cg09170652	<i>GOLT1B</i>	chr12	Body	1.54	(1.03; 2.31)	3.6E-02
cg09170652	<i>RECQL</i>	chr12	TSS1500	1.54	(1.03; 2.31)	3.6E-02
cg05144259	<i>PTPRN2</i>	chr7	Body	1.42	(1.02; 1.97)	3.6E-02
cg00504595	<i>TNFRSF19</i>	chr13	5'UTR	0.68	(0.47; 0.98)	3.6E-02
cg00504595	<i>TNFRSF19</i>	chr13	1stExon	0.68	(0.47; 0.98)	3.6E-02
cg01516459	<i>PHACTR1</i>	chr6	Body	1.78	(1.04; 3.05)	3.6E-02
cg23631556	<i>PTPRN2</i>	chr7	Body	0.71	(0.51; 0.98)	3.6E-02
cg11229352	<i>CHCHD6</i>	chr3	Body	1.49	(1.03; 2.16)	3.6E-02
cg01999622	<i>PTPRN2</i>	chr7	Body	0.65	(0.44; 0.97)	3.7E-02
cg25246636	<i>SGIP1</i>	chr1	Body	0.68	(0.47; 0.98)	3.7E-02
cg06524757	<i>DACH1</i>	chr13	TSS200	0.65	(0.43; 0.97)	3.7E-02
cg06571425	<i>CUX2</i>	chr12	Body	1.45	(1.02; 2.05)	3.7E-02
cg15517030	<i>CTNND2</i>	chr5	Body	0.66	(0.44; 0.97)	3.7E-02
cg22406012	<i>NDUFA9</i>	chr12	TSS200	1.43	(1.02; 1.99)	3.7E-02
cg08789220	<i>RTN4RL2</i>	chr11	TSS200	1.4	(1.02; 1.93)	3.7E-02
cg00566158	<i>PTPRN2</i>	chr7	Body	1.47	(1.02; 2.1)	3.7E-02
cg24996339	<i>PHACTR1</i>	chr6	3'UTR	0.7	(0.5; 0.98)	3.7E-02
cg07689148	<i>TNRC6A</i>	chr16	Body	1.57	(1.03; 2.41)	3.8E-02
cg05688350	<i>PHACTR1</i>	chr6	ExonBnd	0.33	(0.12; 0.94)	3.8E-02
cg05688350	<i>PHACTR1</i>	chr6	Body	0.33	(0.12; 0.94)	3.8E-02
cg05085782	<i>UNC80</i>	chr2	TSS1500	0.67	(0.46; 0.98)	3.8E-02

cg08573562	<i>PTPRN2</i>	chr7	Body	0.65	(0.44; 0.98)	3.8E-02
cg07677545	<i>ALCAM</i>	chr3	Body	0.7	(0.5; 0.98)	3.8E-02
cg07313835	<i>POU2F1</i>	chr1	Body	0.7	(0.5; 0.98)	3.8E-02
cg01883164	<i>TENM2</i>	chr5	Body	0.71	(0.51; 0.98)	3.8E-02
cg14556531	<i>MEIS2</i>	chr15	5'UTR	1.49	(1.02; 2.17)	3.8E-02
cg14556531	<i>MEIS2</i>	chr15	1stExon	1.49	(1.02; 2.17)	3.8E-02
cg14556531	<i>MEIS2</i>	chr15	Body	1.49	(1.02; 2.17)	3.8E-02
cg14556531	<i>MEIS2</i>	chr15	TSS1500	1.49	(1.02; 2.17)	3.8E-02
cg11008701	<i>PTPRN2</i>	chr7	Body	0.68	(0.48; 0.98)	3.8E-02
cg21426559	<i>CUX2</i>	chr12	Body	0.59	(0.36; 0.97)	3.8E-02
cg08008931	<i>NRXN1</i>	chr2	5'UTR	0.68	(0.48; 0.98)	3.8E-02
cg08008931	<i>NRXN1</i>	chr2	1stExon	0.68	(0.48; 0.98)	3.8E-02
cg26735980	<i>CDH13</i>	chr16	Body	0.71	(0.51; 0.98)	3.9E-02
cg05482502	<i>PTPRN2</i>	chr7	Body	0.69	(0.48; 0.98)	3.9E-02
cg24673769	<i>CHCHD6</i>	chr3	Body	0.67	(0.45; 0.98)	3.9E-02
cg20177355	<i>MEIS2</i>	chr15	Body	0.63	(0.41; 0.98)	3.9E-02
cg01471034	<i>CHD6</i>	chr20	5'UTR	1.43	(1.02; 2.02)	3.9E-02
cg12368062	<i>CHD6</i>	chr20	Body	0.63	(0.4; 0.98)	3.9E-02
cg06320135	<i>NOL4L</i>	chr20	1stExon	0.7	(0.49; 0.98)	3.9E-02
cg23819092	<i>MEX3A</i>	chr1	Body	1.45	(1.02; 2.06)	3.9E-02
cg04338042	<i>TNFRSF10B</i>	chr8	TSS200	0.72	(0.52; 0.98)	3.9E-02
cg14449833	<i>PTPRS</i>	chr19	Body	1.57	(1.02; 2.41)	3.9E-02
cg21192063	<i>SMARCD3</i>	chr7	Body	0.6	(0.37; 0.97)	3.9E-02
cg27105304	<i>PTPRN2</i>	chr7	Body	0.71	(0.51; 0.98)	3.9E-02
cg14717305	<i>HMGB4</i>	chr1	TSS200	0.7	(0.49; 0.98)	4.0E-02
cg14717305	<i>CSMD2</i>	chr1	Body	0.7	(0.49; 0.98)	4.0E-02
cg13806256	<i>PDE8A</i>	chr15	5'UTR	1.61	(1.02; 2.52)	4.0E-02
cg13806256	<i>PDE8A</i>	chr15	Body	1.61	(1.02; 2.52)	4.0E-02
cg15083678	<i>CACNA1C</i>	chr12	Body	1.42	(1.02; 1.97)	4.0E-02
cg00721125	<i>FBXO31</i>	chr16	Body	1.4	(1.02; 1.93)	4.0E-02
cg00721125	<i>FBXO31</i>	chr16	TSS200	1.4	(1.02; 1.93)	4.0E-02
cg18766475	<i>CEP350</i>	chr1	TSS1500	1.5	(1.02; 2.2)	4.0E-02
cg02546607	<i>WWOX</i>	chr16	Body	1.6	(1.02; 2.52)	4.0E-02
cg11504793	<i>NOL4L</i>	chr20	Body	1.53	(1.02; 2.31)	4.0E-02
cg00989220	<i>TNFRSF1A</i>	chr12	Body	0.71	(0.51; 0.98)	4.0E-02
cg10468535	<i>PTPRN2</i>	chr7	Body	0.7	(0.5; 0.98)	4.0E-02
cg20045834	<i>ELAVL4</i>	chr1	Body	0.71	(0.51; 0.99)	4.0E-02
cg09258020	<i>NRXN1</i>	chr2	Body	1.48	(1.02; 2.15)	4.1E-02
cg16495675	<i>RTN4</i>	chr2	TSS200	1.48	(1.02; 2.14)	4.1E-02
cg16495675	<i>RTN4</i>	chr2	Body	1.48	(1.02; 2.14)	4.1E-02
cg19206986	<i>ATP8A1</i>	chr4	5'UTR	1.49	(1.02; 2.18)	4.1E-02
cg19206986	<i>ATP8A1</i>	chr4	1stExon	1.49	(1.02; 2.18)	4.1E-02
cg18105702	<i>CUX2</i>	chr12	Body	1.6	(1.02; 2.5)	4.1E-02
cg00289496	<i>FBXO31</i>	chr16	5'UTR	1.44	(1.01; 2.03)	4.1E-02
cg10977989	<i>CTNND2</i>	chr5	Body	0.66	(0.45; 0.98)	4.1E-02
cg01218565	<i>NOL4L</i>	chr20	Body	1.5	(1.02; 2.22)	4.1E-02
cg01218565	<i>NOL4L</i>	chr20	TSS1500	1.5	(1.02; 2.22)	4.1E-02
cg15604008	<i>SRSF10</i>	chr1	TSS200	0.74	(0.55; 0.99)	4.1E-02
cg08894980	<i>CUX2</i>	chr12	Body	0.68	(0.46; 0.98)	4.1E-02
cg22560937	<i>RNU5E-1</i>	chr5	Body	0.67	(0.46; 0.98)	4.1E-02
cg02183851	<i>TNRC6A</i>	chr16	Body	0.66	(0.45; 0.99)	4.2E-02
cg15531497	<i>FBXO11</i>	chr2	TSS1500	0.72	(0.52; 0.99)	4.2E-02
cg02518760	<i>NOL4</i>	chr18	Body	1.45	(1.01; 2.08)	4.2E-02
cg06003986	<i>BRUNOL4</i>	chr18	Body	0.65	(0.43; 0.98)	4.2E-02
cg23906085	<i>FBXO36</i>	chr2	Body	1.38	(1.01; 1.89)	4.2E-02
cg12229458	<i>MTNR1B</i>	chr11	Body	0.7	(0.49; 0.99)	4.2E-02
cg20065718	<i>CHFR</i>	chr12	Body	1.53	(1.01; 2.31)	4.2E-02
cg21929771	<i>PTPRU</i>	chr1	Body	0.71	(0.51; 0.99)	4.2E-02
cg09254768	<i>FBXO38</i>	chr5	5'UTR	0.67	(0.45; 0.99)	4.3E-02
cg26337914	<i>PTPRN2</i>	chr7	Body	1.47	(1.01; 2.14)	4.3E-02
cg25630635	<i>DMXL2</i>	chr15	Body	0.68	(0.47; 0.99)	4.3E-02

cg24780101	<i>CDH13</i>	chr16	Body	1.42	(1.01; 1.99)	4.3E-02
cg07093496	<i>TNRC6C</i>	chr17	5'UTR	0.54	(0.3; 0.98)	4.3E-02
cg20908993	<i>EIF2S1</i>	chr14	TSS1500	0.68	(0.47; 0.99)	4.3E-02
cg15819410	<i>PTPRN2</i>	chr7	Body	0.7	(0.5; 0.99)	4.4E-02
cg07096868	<i>ACVR2A</i>	chr2	5'UTR	1.58	(1.01; 2.48)	4.4E-02
cg07096868	<i>ACVR2A</i>	chr2	Body	1.58	(1.01; 2.48)	4.4E-02
cg06771303	<i>TNRC18</i>	chr7	Body	1.58	(1.01; 2.47)	4.4E-02
cg08895845	<i>TNFRSF11A</i>	chr18	Body	0.66	(0.45; 0.99)	4.4E-02
cg05166028	<i>PTPRN2</i>	chr7	Body	1.44	(1.01; 2.05)	4.4E-02
cg07738938	<i>TNRC18</i>	chr7	Body	0.71	(0.51; 0.99)	4.4E-02
cg16093065	<i>TNRC6B</i>	chr22	3'UTR	0.57	(0.33; 0.99)	4.4E-02
cg08493049	<i>SUGCT</i>	chr7	Body	0.69	(0.49; 0.99)	4.4E-02
cg00771867	<i>PTPRN2</i>	chr7	Body	1.42	(1.01; 2)	4.5E-02
cg03473125	<i>PTPRN2</i>	chr7	Body	1.39	(1.01; 1.92)	4.5E-02
cg10159648	<i>PTPRN2</i>	chr7	Body	1.38	(1.01; 1.9)	4.5E-02
cg08668411	<i>PDE8A</i>	chr15	TSS200	0.63	(0.4; 0.99)	4.5E-02
cg08668411	<i>PDE8A</i>	chr15	5'UTR	0.63	(0.4; 0.99)	4.5E-02
cg00906088	<i>CHCHD6</i>	chr3	TSS200	1.46	(1.01; 2.13)	4.5E-02
cg02306526	<i>CACNA1C</i>	chr12	Body	0.7	(0.49; 0.99)	4.5E-02
cg14853265	<i>CHFR</i>	chr12	Body	0.73	(0.54; 0.99)	4.5E-02
cg01670430	<i>GNA12</i>	chr7	Body	0.62	(0.38; 0.99)	4.5E-02
cg08197956	<i>RTN4RL1</i>	chr17	3'UTR	1.49	(1.01; 2.2)	4.5E-02
cg02295261	<i>NOL4L</i>	chr20	Body	1.43	(1.01; 2.03)	4.5E-02
cg16910830	<i>CNTNAP2</i>	chr7	TSS200	1.69	(1.01; 2.82)	4.5E-02
cg19218679	<i>CUX2</i>	chr12	Body	1.85	(1.01; 3.37)	4.5E-02
cg07062711	<i>MEIS2</i>	chr15	5'UTR	1.41	(1.01; 1.97)	4.5E-02
cg07062711	<i>MEIS2</i>	chr15	1stExon	1.41	(1.01; 1.97)	4.5E-02
cg07062711	<i>MEIS2</i>	chr15	TSS1500	1.41	(1.01; 1.97)	4.5E-02
cg22810156	<i>AKAP13</i>	chr15	Body	0.68	(0.47; 0.99)	4.5E-02
cg22277103	<i>PTPRN2</i>	chr7	Body	1.5	(1.01; 2.23)	4.5E-02
cg14898177	<i>CACNA1C</i>	chr12	Body	0.64	(0.41; 0.99)	4.6E-02
cg27476859	<i>GNA12</i>	chr7	Body	0.72	(0.53; 0.99)	4.6E-02
cg08571531	<i>FBXO31</i>	chr16	TSS1500	0.72	(0.53; 0.99)	4.6E-02
cg15704204	<i>TENM2</i>	chr5	Body	0.72	(0.52; 0.99)	4.6E-02
cg14003853	<i>AKAP13</i>	chr15	Body	0.71	(0.51; 0.99)	4.6E-02
cg25743622	<i>SUSD4</i>	chr1	Body	1.68	(1.01; 2.8)	4.6E-02
cg11783003	<i>ATF7IP</i>	chr12	5'UTR	0.71	(0.51; 0.99)	4.6E-02
cg11783003	<i>ATF7IP</i>	chr12	Body	0.71	(0.51; 0.99)	4.6E-02
cg10762511	<i>RECQL5</i>	chr17	Body	1.51	(1.01; 2.27)	4.6E-02
cg19985495	<i>CDH13</i>	chr16	5'UTR	0.6	(0.37; 0.99)	4.6E-02
cg19985495	<i>CDH13</i>	chr16	Body	0.6	(0.37; 0.99)	4.6E-02
cg12161045	<i>TNFRSF1B</i>	chr1	Body	1.6	(1.01; 2.54)	4.6E-02
cg02666246	<i>PTPRN2</i>	chr7	Body	1.36	(1; 1.85)	4.7E-02
cg03951877	<i>PHACTR1</i>	chr6	Body	1.44	(1.01; 2.07)	4.7E-02
cg07600871	<i>BRUNOL4</i>	chr18	TSS1500	1.39	(1; 1.92)	4.7E-02
cg18026197	<i>CHCHD6</i>	chr3	TSS1500	1.4	(1; 1.95)	4.7E-02
cg04106255	<i>SGIP1</i>	chr1	Body	0.7	(0.5; 1)	4.7E-02
cg15197582	<i>TNFRSF11A</i>	chr18	Body	1.44	(1; 2.06)	4.7E-02
cg12164753	<i>CTDSPL2</i>	chr15	1stExon	1.45	(1; 2.11)	4.7E-02
cg12164753	<i>CTDSPL2</i>	chr15	5'UTR	1.45	(1; 2.11)	4.7E-02
cg04237822	<i>PTPRN2</i>	chr7	Body	1.4	(1; 1.96)	4.7E-02
cg11534937	<i>TNRC18</i>	chr7	TSS1500	0.73	(0.54; 1)	4.7E-02
cg05874111	<i>CUX2</i>	chr12	Body	1.45	(1; 2.1)	4.8E-02
cg18369715	<i>PTPRN2</i>	chr7	Body	0.66	(0.43; 1)	4.8E-02
cg04215870	<i>SLC16A9</i>	chr10	5'UTR	0.73	(0.54; 1)	4.8E-02
cg17287605	<i>PTPRN2</i>	chr7	Body	0.64	(0.42; 1)	4.8E-02
cg04081153	<i>ARID1A</i>	chr1	TSS1500	0.65	(0.43; 1)	4.8E-02
cg18537923	<i>ZBTB20</i>	chr3	Body	0.67	(0.45; 1)	4.8E-02
cg18537923	<i>ZBTB20</i>	chr3	5'UTR	0.67	(0.45; 1)	4.8E-02
cg01518344	<i>FBXO34</i>	chr14	5'UTR	0.71	(0.51; 1)	4.8E-02
cg16537155	<i>ERI3</i>	chr1	Body	0.64	(0.41; 1)	4.8E-02

cg05308829	GNA12	chr7	Body	0.72	(0.52; 1)	4.8E-02
cg03894650	CTNND2	chr5	Body	0.72	(0.52; 1)	4.8E-02
cg24794412	EIF2S1	chr14	TSS200	0.71	(0.5; 1)	4.8E-02
cg05226390	ELAVL4	chr1	TSS1500	0.67	(0.45; 1)	4.8E-02
cg05226390	ELAVL4	chr1	Body	0.67	(0.45; 1)	4.8E-02
cg17904068	CHFR	chr12	Body	0.72	(0.52; 1)	4.8E-02
cg07517487	TNFRSF19	chr13	5'UTR	1.44	(1; 2.07)	4.8E-02
cg07517487	TNFRSF19	chr13	TSS200	1.44	(1; 2.07)	4.8E-02
cg19056691	CUX2	chr12	Body	0.63	(0.4; 1)	4.9E-02
cg24723255	TAOK3	chr12	Body	1.4	(1; 1.95)	4.9E-02
cg13196844	PHACTR1	chr6	Body	1.55	(1; 2.4)	4.9E-02
cg17750024	TNR	chr1	5'UTR	0.69	(0.47; 1)	4.9E-02
cg03879109	CREBBP	chr16	3'UTR	0.7	(0.49; 1)	4.9E-02
cg00935267	PTPRN2	chr7	Body	0.68	(0.47; 1)	4.9E-02
cg19766638	NOL4	chr18	5'UTR	0.68	(0.46; 1)	4.9E-02
cg19766638	NOL4	chr18	Body	0.68	(0.46; 1)	4.9E-02
cg19766638	NOL4	chr18	1stExon	0.68	(0.46; 1)	4.9E-02
cg26391891	TNFRSF1A	chr12	Body	1.55	(1; 2.39)	4.9E-02
cg03352776	CUX2	chr12	TSS1500	0.71	(0.5; 1)	4.9E-02
cg12286857	PTPRN2	chr7	Body	1.39	(1; 1.94)	4.9E-02
cg23093175	ZBTB20	chr3	TSS1500	0.71	(0.51; 1)	4.9E-02
cg23093175	ZBTB20	chr3	Body	0.71	(0.51; 1)	4.9E-02
cg23093175	ZBTB20	chr3	5'UTR	0.71	(0.51; 1)	4.9E-02
cg03395724	SUSD4	chr1	Body	0.71	(0.5; 1)	4.9E-02
cg13680200	TNR	chr1	Body	0.67	(0.45; 1)	5.0E-02
cg12634594	NRXN1	chr2	Body	1.48	(1; 2.17)	5.0E-02
cg08317883	CUX2	chr12	Body	1.43	(1; 2.04)	5.0E-02
cg24535649	CACNA1C	chr12	Body	0.71	(0.51; 1)	5.0E-02
cg10392504	TNRC18	chr7	TSS1500	0.73	(0.53; 1)	5.0E-02
cg14942155	PTPRN2	chr7	Body	1.59	(1; 2.52)	5.0E-02
cg05991442	RECQL5	chr17	Body	0.73	(0.54; 1)	5.0E-02
cg00864064	SMARCD3	chr7	TSS200	1.37	(1; 1.87)	5.0E-02
cg00864064	SMARCD3	chr7	TSS1500	1.37	(1; 1.87)	5.0E-02
cg14086205	NOL4	chr18	5'UTR	0.71	(0.5; 1)	5.0E-02
cg14086205	NOL4	chr18	Body	0.71	(0.5; 1)	5.0E-02
cg19026593	TNFRSF1A	chr12	Body	0.69	(0.48; 1)	5.0E-02
cg09571420	CNTNAP2	chr7	TSS1500	0.69	(0.48; 1)	5.0E-02
cg06286135	PTPRN2	chr7	Body	1.41	(1; 2)	5.0E-02
cg06631944	PTPRN2	chr7	Body	1.39	(1; 1.94)	5.1E-02
cg02058924	CHFR	chr12	TSS1500	1.38	(1; 1.92)	5.1E-02
cg23805664	UNC80	chr2	Body	1.43	(1; 2.04)	5.1E-02
cg01093138	CDH13	chr16	Body	0.74	(0.55; 1)	5.1E-02
cg04713531	PTPRN2	chr7	Body	0.67	(0.44; 1)	5.1E-02
cg26051910	SUSD4	chr1	Body	0.63	(0.39; 1)	5.1E-02
cg17334266	PTPRN2	chr7	Body	0.75	(0.56; 1)	5.1E-02
cg03150319	CREBBP	chr16	Body	1.38	(1; 1.92)	5.1E-02
cg07879612	PTPRN2	chr7	Body	1.34	(1; 1.8)	5.1E-02
cg08819065	ZBTB20	chr3	Body	1.37	(1; 1.89)	5.1E-02
cg23916626	SUGCT	chr7	Body	0.73	(0.53; 1)	5.1E-02
cg18887119	CREBBP	chr16	Body	1.39	(1; 1.94)	5.1E-02
cg26302009	PHACTR1	chr6	Body	1.46	(1; 2.15)	5.2E-02
cg07040435	TNFRSF19	chr13	5'UTR	1.52	(1; 2.33)	5.2E-02
cg07040435	TNFRSF19	chr13	TSS1500	1.52	(1; 2.33)	5.2E-02
cg04950452	TENM2	chr5	Body	0.68	(0.45; 1)	5.2E-02
cg05083624	TNRC6B	chr22	3'UTR	0.54	(0.29; 1.01)	5.2E-02
cg09656981	ELAVL4	chr1	TSS200	1.4	(1; 1.96)	5.2E-02
cg09656981	ELAVL4	chr1	Body	1.4	(1; 1.96)	5.2E-02
cg15554126	PEX14	chr1	3'UTR	1.4	(1; 1.96)	5.2E-02
cg10151741	PTPRS	chr19	1stExon	0.45	(0.2; 1.01)	5.2E-02
cg10151741	PTPRS	chr19	5'UTR	0.45	(0.2; 1.01)	5.2E-02
cg22721472	TSHZ3	chr19	3'UTR	0.71	(0.51; 1)	5.2E-02

cg01554539	<i>PTPRN2</i>	chr7	Body	0.69	(0.48; 1)	5.2E-02
cg23343389	<i>PTPRN2</i>	chr7	Body	0.71	(0.51; 1)	5.2E-02
cg03894975	<i>PTPRU</i>	chr1	Body	0.73	(0.53; 1)	5.3E-02
cg27571230	<i>PEX14</i>	chr1	Body	1.41	(1; 1.98)	5.3E-02
cg20540557	<i>BARX2</i>	chr11	Body	0.67	(0.45; 1)	5.3E-02
cg17527902	<i>COL1A2</i>	chr7	Body	1.44	(1; 2.09)	5.3E-02
cg19067989	<i>NRXN1</i>	chr2	5'UTR	1.37	(1; 1.88)	5.3E-02
cg08898492	<i>AKAP13</i>	chr15	Body	0.74	(0.55; 1)	5.3E-02
cg08898492	<i>AKAP13</i>	chr15	5'UTR	0.74	(0.55; 1)	5.3E-02
cg02329175	<i>CTDSP2</i>	chr12	1stExon	0.68	(0.45; 1.01)	5.3E-02
cg02329175	<i>CTDSP2</i>	chr12	5'UTR	0.68	(0.45; 1.01)	5.3E-02
cg20931902	<i>PTPRU</i>	chr1	Body	0.66	(0.43; 1.01)	5.3E-02
cg05475027	<i>WVOX</i>	chr16	Body	1.38	(1; 1.91)	5.3E-02
cg01396387	<i>CDH13</i>	chr16	TSS200	0.64	(0.41; 1.01)	5.4E-02
cg27183602	<i>DCUN1D4</i>	chr4	TSS200	0.68	(0.46; 1.01)	5.4E-02
cg18998543	<i>GNA12</i>	chr7	3'UTR	0.49	(0.23; 1.01)	5.4E-02
cg20548013	<i>PHACTR1</i>	chr6	Body	0.7	(0.49; 1.01)	5.4E-02
cg05533447	<i>WVOX</i>	chr16	Body	1.41	(0.99; 1.99)	5.4E-02
cg22558134	<i>PTPRN2</i>	chr7	Body	0.69	(0.48; 1.01)	5.4E-02
cg13773631	<i>BARX1</i>	chr9	Body	0.7	(0.49; 1.01)	5.4E-02
cg13103340	<i>FBXO31</i>	chr16	Body	0.75	(0.55; 1.01)	5.4E-02
cg13103340	<i>FBXO31</i>	chr16	5'UTR	0.75	(0.55; 1.01)	5.4E-02
cg08688512	<i>MEIS2</i>	chr15	TSS1500	0.73	(0.53; 1.01)	5.4E-02
cg18381465	<i>FBXO32</i>	chr8	1stExon	0.73	(0.53; 1.01)	5.4E-02
cg18381465	<i>FBXO32</i>	chr8	ExonBnd	0.73	(0.53; 1.01)	5.4E-02
cg18381465	<i>FBXO32</i>	chr8	5'UTR	0.73	(0.53; 1.01)	5.4E-02
cg18381465	<i>FBXO32</i>	chr8	Body	0.73	(0.53; 1.01)	5.4E-02
cg22057372	<i>PTPRN2</i>	chr7	Body	1.38	(0.99; 1.91)	5.5E-02
cg20602914	<i>TNRC18</i>	chr7	Body	0.62	(0.38; 1.01)	5.5E-02
cg10069437	<i>WVOX</i>	chr16	Body	0.72	(0.52; 1.01)	5.5E-02
cg14668986	<i>ZBTB20</i>	chr3	Body	1.4	(0.99; 1.96)	5.5E-02
cg14668986	<i>ZBTB20</i>	chr3	1stExon	1.4	(0.99; 1.96)	5.5E-02
cg14668986	<i>ZBTB20</i>	chr3	5'UTR	1.4	(0.99; 1.96)	5.5E-02
cg22792862	<i>EIF2S1</i>	chr14	5'UTR	0.66	(0.43; 1.01)	5.5E-02
cg22792862	<i>EIF2S1</i>	chr14	1stExon	0.66	(0.43; 1.01)	5.5E-02
cg16861365	<i>AKAP13</i>	chr15	5'UTR	1.41	(0.99; 2.01)	5.5E-02
cg17095257	<i>PDE8A</i>	chr15	Body	0.68	(0.46; 1.01)	5.5E-02
cg18371428	<i>PTPRN2</i>	chr7	Body	1.39	(0.99; 1.95)	5.5E-02
cg11556740	<i>SUGCT</i>	chr7	Body	0.66	(0.43; 1.01)	5.6E-02
cg15207669	<i>CSMD2</i>	chr1	Body	0.73	(0.53; 1.01)	5.6E-02
cg20540042	<i>POU2F1</i>	chr1	TSS200	0.74	(0.55; 1.01)	5.6E-02
cg22165310	<i>WAC</i>	chr10	Body	1.37	(0.99; 1.9)	5.6E-02
cg00271311	<i>CNTF</i>	chr11	TSS1500	1.46	(0.99; 2.15)	5.6E-02
cg26886268	<i>PTPRN2</i>	chr7	Body	0.72	(0.52; 1.01)	5.6E-02
cg01026915	<i>NOL4L</i>	chr20	Body	0.31	(0.09; 1.03)	5.6E-02
cg02464123	<i>CTDSP2</i>	chr12	1stExon	0.69	(0.47; 1.01)	5.6E-02
cg02464123	<i>CTDSP2</i>	chr12	5'UTR	0.69	(0.47; 1.01)	5.6E-02
cg24364593	<i>CSMD2</i>	chr1	Body	0.7	(0.48; 1.01)	5.6E-02
cg17725607	<i>PTPRU</i>	chr1	Body	1.46	(0.99; 2.15)	5.6E-02
cg07263694	<i>CUX2</i>	chr12	Body	1.38	(0.99; 1.93)	5.6E-02
cg25364469	<i>ZBTB20</i>	chr3	5'UTR	0.7	(0.48; 1.01)	5.6E-02
cg25364469	<i>ZBTB20</i>	chr3	Body	0.7	(0.48; 1.01)	5.6E-02
cg27230472	<i>WVOX</i>	chr16	Body	1.45	(0.99; 2.12)	5.6E-02
cg16765393	<i>GNA12</i>	chr7	Body	0.71	(0.5; 1.01)	5.6E-02
cg26873115	<i>CREBBP</i>	chr16	Body	0.72	(0.52; 1.01)	5.6E-02
cg09229912	<i>CUX2</i>	chr12	1stExon	0.69	(0.47; 1.01)	5.7E-02
cg09229912	<i>CUX2</i>	chr12	5'UTR	0.69	(0.47; 1.01)	5.7E-02
cg17086900	<i>PTPRN2</i>	chr7	3'UTR	1.38	(0.99; 1.91)	5.7E-02
cg08924696	<i>RTN4RL2</i>	chr11	Body	0.72	(0.52; 1.01)	5.7E-02
cg11586220	<i>CDH13</i>	chr16	5'UTR	0.67	(0.45; 1.01)	5.7E-02
cg11586220	<i>CDH13</i>	chr16	Body	0.67	(0.45; 1.01)	5.7E-02

cg21280014	<i>PTPRN2</i>	chr7	Body	1.34	(0.99; 1.81)	5.7E-02
cg27585878	<i>FBXO31</i>	chr16	Body	1.42	(0.99; 2.03)	5.7E-02
cg14301531	<i>CACNA1C</i>	chr12	Body	0.7	(0.49; 1.01)	5.7E-02
cg14286928	<i>EIF2S1</i>	chr14	TSS1500	0.68	(0.45; 1.01)	5.7E-02
cg12830684	<i>PEX14</i>	chr1	Body	0.73	(0.53; 1.01)	5.7E-02
cg18222509	<i>ZNF704</i>	chr8	Body	1.41	(0.99; 2.02)	5.7E-02
cg08628777	<i>PTPRN2</i>	chr7	Body	1.31	(0.99; 1.74)	5.7E-02
cg04739400	<i>PTPRN2</i>	chr7	Body	0.73	(0.53; 1.01)	5.7E-02
cg27051715	<i>ZNF704</i>	chr8	Body	0.67	(0.44; 1.01)	5.7E-02
cg17283542	<i>PTPRN2</i>	chr7	Body	0.72	(0.51; 1.01)	5.8E-02
cg00556715	<i>AKAP13</i>	chr15	Body	1.49	(0.99; 2.25)	5.8E-02
cg25107254	<i>MTNR1A</i>	chr4	1stExon	0.6	(0.35; 1.02)	5.8E-02
cg05406230	<i>PEX14</i>	chr1	TSS1500	0.71	(0.51; 1.01)	5.8E-02
cg11028633	<i>PTPRN2</i>	chr7	Body	1.42	(0.99; 2.05)	5.8E-02
cg24935409	<i>PTPRN2</i>	chr7	Body	1.34	(0.99; 1.81)	5.8E-02
cg01845277	<i>ZNF704</i>	chr8	3'UTR	1.41	(0.99; 2.01)	5.8E-02
cg05334416	<i>MEIS2</i>	chr15	Body	0.65	(0.42; 1.01)	5.8E-02
cg27109989	<i>PTPRN2</i>	chr7	Body	0.71	(0.5; 1.01)	5.8E-02
cg11147878	<i>SUSD4</i>	chr1	Body	1.53	(0.99; 2.38)	5.8E-02
cg11147878	<i>SUSD4</i>	chr1	3'UTR	1.53	(0.99; 2.38)	5.8E-02
cg04643858	<i>DNAI2</i>	chr17	Body	0.72	(0.51; 1.01)	5.8E-02
cg17255108	<i>PTPRN2</i>	chr7	Body	1.38	(0.99; 1.91)	5.8E-02
cg07571977	<i>ALCAM</i>	chr3	Body	0.72	(0.52; 1.01)	5.8E-02
cg00368924	<i>PTPRN2</i>	chr7	Body	1.36	(0.99; 1.87)	5.8E-02
cg11854356	<i>TAOK3</i>	chr12	Body	1.48	(0.99; 2.22)	5.9E-02
cg14992320	<i>PTPRN2</i>	chr7	Body	1.36	(0.99; 1.88)	5.9E-02
cg26660036	<i>PTPRS</i>	chr19	Body	1.36	(0.99; 1.87)	5.9E-02
cg26154568	<i>AKAP13</i>	chr15	Body	1.48	(0.99; 2.22)	5.9E-02
cg23559222	<i>ZFP91</i>	chr11	TSS1500	1.5	(0.98; 2.27)	5.9E-02
cg12982767	<i>SRSF10</i>	chr1	Body	0.43	(0.18; 1.03)	5.9E-02
cg12982767	<i>SRSF10</i>	chr1	3'UTR	0.43	(0.18; 1.03)	5.9E-02
cg26999577	<i>CACNA1C</i>	chr12	Body	0.74	(0.53; 1.01)	5.9E-02
cg24453836	<i>CEP350</i>	chr1	1stExon	0.74	(0.55; 1.01)	5.9E-02
cg24453836	<i>CEP350</i>	chr1	5'UTR	0.74	(0.55; 1.01)	5.9E-02
cg23910983	<i>TDRP</i>	chr8	Body	0.65	(0.41; 1.02)	5.9E-02
cg10958924	<i>MEIS2</i>	chr15	5'UTR	0.65	(0.42; 1.02)	5.9E-02
cg10958924	<i>MEIS2</i>	chr15	1stExon	0.65	(0.42; 1.02)	5.9E-02
cg10958924	<i>MEIS2</i>	chr15	Body	0.65	(0.42; 1.02)	5.9E-02
cg10958924	<i>MEIS2</i>	chr15	TSS1500	0.65	(0.42; 1.02)	5.9E-02
cg09314071	<i>PDE8A</i>	chr15	TSS200	0.71	(0.5; 1.01)	5.9E-02
cg07289040	<i>CTNND2</i>	chr5	Body	0.65	(0.41; 1.02)	6.0E-02
cg15268622	<i>POU2F1</i>	chr1	TSS1500	1.42	(0.99; 2.05)	6.0E-02
cg14250783	<i>PTPRN2</i>	chr7	Body	0.72	(0.51; 1.01)	6.0E-02
cg05829224	<i>AKAP3</i>	chr12	3'UTR	1.37	(0.99; 1.91)	6.0E-02
cg07974531	<i>RTN4RL1</i>	chr17	1stExon	1.37	(0.99; 1.91)	6.0E-02
cg07974531	<i>RTN4RL1</i>	chr17	5'UTR	1.37	(0.99; 1.91)	6.0E-02
cg16508202	<i>CNTNAP2</i>	chr7	Body	0.72	(0.51; 1.01)	6.0E-02
cg01385312	<i>TNRC18</i>	chr7	Body	0.73	(0.53; 1.01)	6.0E-02
cg04001311	<i>CACNA1C</i>	chr12	Body	1.38	(0.99; 1.94)	6.0E-02
cg09975316	<i>AKAP13</i>	chr15	TSS200	0.76	(0.57; 1.01)	6.0E-02
cg14659930	<i>ZBTB20</i>	chr3	5'UTR	0.66	(0.43; 1.02)	6.0E-02
cg12227051	<i>TNRC6B</i>	chr22	Body	0.74	(0.54; 1.01)	6.1E-02
cg15851964	<i>CTDSP2</i>	chr12	Body	1.36	(0.99; 1.88)	6.1E-02
cg05901503	<i>TENM2</i>	chr5	Body	0.7	(0.48; 1.02)	6.1E-02
cg14387516	<i>WWOX</i>	chr16	Body	1.46	(0.98; 2.18)	6.1E-02
cg11568410	<i>DMXL2</i>	chr15	Body	0.69	(0.48; 1.02)	6.1E-02
cg03738400	<i>PDE8A</i>	chr15	5'UTR	0.68	(0.46; 1.02)	6.1E-02
cg03738400	<i>PDE8A</i>	chr15	Body	0.68	(0.46; 1.02)	6.1E-02
cg09025274	<i>ALCAM</i>	chr3	Body	1.43	(0.98; 2.08)	6.1E-02
cg03541126	<i>PTPRN2</i>	chr7	Body	1.4	(0.98; 2)	6.1E-02
cg10208640	<i>PHACTR1</i>	chr6	Body	1.4	(0.98; 1.98)	6.1E-02

cg03295251	WVOX	chr16	Body	0.72	(0.51; 1.02)	6.1E-02
cg26075417	PTPRN2	chr7	Body	0.71	(0.5; 1.02)	6.1E-02
cg13030786	TNRC18	chr7	Body	1.36	(0.99; 1.88)	6.1E-02
cg07054040	MEIS2	chr15	5'UTR	1.47	(0.98; 2.19)	6.1E-02
cg07054040	MEIS2	chr15	1stExon	1.47	(0.98; 2.19)	6.1E-02
cg07054040	MEIS2	chr15	TSS1500	1.47	(0.98; 2.19)	6.1E-02
cg18045670	ATP6V0C	chr16	3'UTR	1.34	(0.99; 1.83)	6.1E-02
cg01681049	SCAF8	chr6	Body	0.7	(0.48; 1.02)	6.1E-02
cg21484749	BRUNOL4	chr18	TSS200	0.63	(0.39; 1.02)	6.1E-02
cg23549922	WVOX	chr16	Body	1.53	(0.98; 2.39)	6.1E-02
cg06742794	ATF7IP	chr12	5'UTR	0.74	(0.54; 1.01)	6.1E-02
cg06742794	ATF7IP	chr12	Body	0.74	(0.54; 1.01)	6.1E-02
cg11593799	PTPRN2	chr7	Body	0.7	(0.48; 1.02)	6.1E-02
cg01014179	FBXO36	chr2	TSS200	1.4	(0.98; 1.98)	6.2E-02
cg21991803	CACNA1C	chr12	Body	0.71	(0.49; 1.02)	6.2E-02
cg02580308	COL5A2	chr2	Body	1.46	(0.98; 2.16)	6.2E-02
cg04654570	CTDSPL2	chr15	Body	1.44	(0.98; 2.12)	6.2E-02
cg12600858	MTNR1B	chr11	TSS1500	1.37	(0.98; 1.9)	6.2E-02
cg11074968	CPEB1	chr15	Body	1.44	(0.98; 2.12)	6.2E-02
cg11074968	CPEB1	chr15	TSS1500	1.44	(0.98; 2.12)	6.2E-02
cg23704413	PTPRN2	chr7	Body	1.36	(0.98; 1.89)	6.2E-02
cg04078118	TNRC6B	chr22	TSS1500	0.7	(0.48; 1.02)	6.2E-02
cg21906038	UNC80	chr2	TSS1500	0.63	(0.38; 1.02)	6.3E-02
cg12323274	BRUNOL4	chr18	Body	0.71	(0.49; 1.02)	6.3E-02
cg13219509	TNRC6B	chr22	TSS1500	0.74	(0.54; 1.02)	6.3E-02
cg10940698	FBXO34	chr14	5'UTR	0.73	(0.53; 1.02)	6.3E-02
cg06828538	TNRC18	chr7	TSS1500	1.5	(0.98; 2.29)	6.3E-02
cg21418679	FBXO36	chr2	TSS1500	0.71	(0.5; 1.02)	6.3E-02
cg10378898	FBXO34	chr14	TSS1500	0.74	(0.54; 1.02)	6.3E-02
cg10378898	FBXO34	chr14	1stExon	0.74	(0.54; 1.02)	6.3E-02
cg10378898	FBXO34	chr14	5'UTR	0.74	(0.54; 1.02)	6.3E-02
cg04656576	TENM2	chr5	Body	0.7	(0.48; 1.02)	6.3E-02
cg17209276	CTNND2	chr5	Body	0.76	(0.56; 1.02)	6.3E-02
cg00617866	CTNND2	chr5	Body	0.68	(0.45; 1.02)	6.3E-02
cg09825093	CDH13	chr16	TSS200	1.51	(0.98; 2.34)	6.3E-02
cg05817517	CSMD2	chr1	Body	1.39	(0.98; 1.96)	6.3E-02
cg27328297	ARID1A	chr1	Body	1.35	(0.98; 1.87)	6.3E-02
cg11173615	PHACTR1	chr6	Body	0.72	(0.52; 1.02)	6.4E-02
cg26724551	PTPRS	chr19	Body	1.49	(0.98; 2.29)	6.4E-02
cg23375968	PTPRN2	chr7	Body	0.72	(0.51; 1.02)	6.4E-02
cg23377942	WVOX	chr16	Body	1.35	(0.98; 1.84)	6.4E-02
cg03196689	C11orf67	chr11	TSS1500	1.49	(0.98; 2.26)	6.4E-02
cg14749964	TNFRSF1A	chr12	5'UTR	1.43	(0.98; 2.08)	6.4E-02
cg14749964	TNFRSF1A	chr12	1stExon	1.43	(0.98; 2.08)	6.4E-02
cg26120109	PTPRU	chr1	Body	1.38	(0.98; 1.93)	6.4E-02
cg13917957	COL5A2	chr2	Body	0.71	(0.49; 1.02)	6.4E-02
cg00612225	DNAI2	chr17	TSS1500	0.7	(0.48; 1.02)	6.4E-02
cg24852777	CUX2	chr12	Body	1.44	(0.98; 2.13)	6.4E-02
cg15397817	LOC101929698	chr20	Body	0.7	(0.48; 1.02)	6.4E-02
cg15397817	NOL4L	chr20	Body	0.7	(0.48; 1.02)	6.4E-02
cg21204965	CSMD2	chr1	Body	0.74	(0.54; 1.02)	6.5E-02
cg07575130	PTPRN2	chr7	Body	0.74	(0.54; 1.02)	6.5E-02
cg24454909	TENM2	chr5	Body	0.66	(0.43; 1.03)	6.5E-02
cg05072064	WVOX	chr16	Body	0.74	(0.54; 1.02)	6.5E-02
cg21375294	BRUNOL4	chr18	Body	0.65	(0.41; 1.03)	6.5E-02
cg07857234	TAOK3	chr12	Body	1.41	(0.98; 2.03)	6.5E-02
cg23145382	TNRC6B	chr22	5'UTR	0.71	(0.5; 1.02)	6.5E-02
cg14535460	TENM2	chr5	Body	1.37	(0.98; 1.93)	6.5E-02
cg26224223	TSHZ3	chr19	TSS1500	0.7	(0.48; 1.02)	6.5E-02
cg19919303	BARX2	chr11	5'UTR	1.48	(0.98; 2.25)	6.5E-02
cg19919303	BARX2	chr11	1stExon	1.48	(0.98; 2.25)	6.5E-02

cg18327772	HMGB4	chr1	5'UTR	0.72	(0.5; 1.02)	6.5E-02
cg18327772	HMGB4	chr1	TSS1500	0.72	(0.5; 1.02)	6.5E-02
cg18327772	CSMD2	chr1	Body	0.72	(0.5; 1.02)	6.5E-02
cg26389638	PTPRN2	chr7	Body	0.72	(0.51; 1.02)	6.5E-02
cg23405198	FSTL1	chr3	Body	0.69	(0.46; 1.02)	6.5E-02
cg11653336	CHFR	chr12	TSS1500	1.45	(0.98; 2.17)	6.5E-02
cg11414276	CACNA1C	chr12	Body	0.73	(0.52; 1.02)	6.5E-02
cg15419330	TENM2	chr5	Body	0.71	(0.49; 1.02)	6.6E-02
cg06734435	PTPRN2	chr7	Body	0.73	(0.53; 1.02)	6.6E-02
cg03156546	TNRC6A	chr16	Body	0.64	(0.4; 1.03)	6.6E-02
cg24098302	CTDSPL2	chr15	1stExon	1.36	(0.98; 1.88)	6.6E-02
cg24098302	CTDSPL2	chr15	5'UTR	1.36	(0.98; 1.88)	6.6E-02
cg11672159	C11orf67	chr11	TSS1500	0.69	(0.47; 1.02)	6.6E-02
cg11622516	FSTL1	chr3	Body	0.73	(0.53; 1.02)	6.6E-02
cg21526469	ATF7IP2	chr16	5'UTR	1.53	(0.97; 2.4)	6.6E-02
cg21526469	ATF7IP2	chr16	Body	1.53	(0.97; 2.4)	6.6E-02
cg23204897	PHACTR1	chr6	Body	0.7	(0.48; 1.02)	6.6E-02
cg14970975	TNFRSF1A	chr12	Body	0.67	(0.43; 1.03)	6.6E-02
cg19418190	PTPRN2	chr7	Body	0.74	(0.54; 1.02)	6.6E-02
cg11178017	TNRC6B	chr22	TSS200	0.77	(0.58; 1.02)	6.6E-02
cg07768777	TNRC6A	chr16	Body	0.73	(0.52; 1.02)	6.6E-02
cg22222104	UNC80	chr2	Body	0.62	(0.38; 1.03)	6.6E-02
cg24357619	MEIS2	chr15	Body	1.45	(0.97; 2.17)	6.6E-02
cg24019478	TNRC6B	chr22	Body	1.45	(0.98; 2.14)	6.6E-02
cg18327617	TNFRSF11A	chr18	Body	0.72	(0.51; 1.02)	6.7E-02
cg24123860	TENM2	chr5	Body	1.44	(0.98; 2.12)	6.7E-02
cg05224804	PTPRN2	chr7	Body	1.38	(0.98; 1.94)	6.7E-02
cg27483791	PTPRN2	chr7	Body	0.72	(0.51; 1.02)	6.7E-02
cg23524436	CACNA1C	chr12	TSS1500	0.68	(0.45; 1.03)	6.7E-02
cg18558969	BRUNOL4	chr18	Body	1.33	(0.98; 1.81)	6.7E-02
cg04414675	PTPRN2	chr7	Body	1.34	(0.98; 1.83)	6.7E-02
cg16405582	ZNF704	chr8	5'UTR	1.36	(0.98; 1.9)	6.7E-02
cg05949171	CDH13	chr16	1stExon	0.69	(0.46; 1.03)	6.8E-02
cg05949171	CDH13	chr16	5'UTR	0.69	(0.46; 1.03)	6.8E-02
cg09919124	FBXO11	chr2	Body	0.71	(0.49; 1.03)	6.8E-02
cg08151051	PTPRN2	chr7	Body	0.75	(0.55; 1.02)	6.8E-02
cg26233218	PTPRN2	chr7	Body	0.76	(0.57; 1.02)	6.8E-02
cg27550325	PTPRN2	chr7	Body	0.73	(0.52; 1.02)	6.8E-02
cg08325842	ZFP91	chr11	Body	0.71	(0.49; 1.03)	6.8E-02
cg01498219	GNA12	chr7	Body	0.74	(0.54; 1.02)	6.8E-02
cg23266266	DCUN1D4	chr4	TSS1500	0.75	(0.54; 1.02)	6.8E-02
cg07530460	TNRC6C	chr17	Body	1.37	(0.98; 1.92)	6.8E-02
cg13999061	ATF7IP2	chr16	TSS1500	0.73	(0.53; 1.02)	6.8E-02
cg10491652	MEX3A	chr1	TSS1500	0.76	(0.56; 1.02)	6.8E-02
cg00958342	MEIS2	chr15	Body	0.69	(0.46; 1.03)	6.8E-02
cg14403705	PTPRS	chr19	5'UTR	0.75	(0.55; 1.02)	6.9E-02
cg13854296	BARX1	chr9	Body	0.7	(0.48; 1.03)	6.9E-02
cg17005864	TENM2	chr5	Body	0.73	(0.52; 1.02)	6.9E-02
cg18522715	PTPRN2	chr7	Body	0.7	(0.47; 1.03)	6.9E-02
cg19378798	PTPRS	chr19	5'UTR	1.37	(0.98; 1.91)	6.9E-02
cg18627042	ZBTB20	chr3	Body	0.72	(0.5; 1.03)	6.9E-02
cg18627042	ZBTB20	chr3	3'UTR	0.72	(0.5; 1.03)	6.9E-02
cg22227034	TNFRSF1B	chr1	Body	1.46	(0.97; 2.21)	6.9E-02
cg26411814	CNTF	chr11	1stExon	1.4	(0.97; 2)	7.0E-02
cg10652780	RTN4R	chr22	Body	1.43	(0.97; 2.11)	7.0E-02
cg16960396	PTPRN2	chr7	Body	0.71	(0.49; 1.03)	7.0E-02
cg22202944	NRXN1	chr2	Body	0.72	(0.5; 1.03)	7.0E-02
cg21813473	CHD6	chr20	TSS200	1.57	(0.96; 2.56)	7.0E-02
cg22095604	NOL4	chr18	5'UTR	0.6	(0.34; 1.04)	7.0E-02
cg22095604	NOL4	chr18	1stExon	0.6	(0.34; 1.04)	7.0E-02
cg02136961	CACNA1C	chr12	Body	0.67	(0.43; 1.03)	7.0E-02

cg03228931	<i>CTDSP2</i>	chr12	Body	0.71	(0.49; 1.03)	7.0E-02
cg17102042	<i>PTPRN2</i>	chr7	Body	1.3	(0.98; 1.71)	7.0E-02
cg06352807	<i>PTPRN2</i>	chr7	Body	1.66	(0.96; 2.87)	7.0E-02
cg04508233	<i>TNRC6A</i>	chr16	TSS200	1.37	(0.97; 1.92)	7.0E-02
cg26695909	<i>ZNF704</i>	chr8	Body	1.45	(0.97; 2.16)	7.1E-02
cg22760256	<i>SUGCT</i>	chr7	Body	0.71	(0.49; 1.03)	7.1E-02
cg13617074	<i>MEIS2</i>	chr15	Body	1.47	(0.97; 2.24)	7.1E-02
cg21904701	<i>UBE2E2</i>	chr3	Body	0.63	(0.39; 1.04)	7.1E-02
cg20808693	<i>SMARCD3</i>	chr7	Body	1.49	(0.97; 2.3)	7.1E-02
cg06805498	<i>ALCAM</i>	chr3	TSS1500	1.55	(0.96; 2.49)	7.1E-02
cg13353015	<i>CSMD2</i>	chr1	Body	1.46	(0.97; 2.2)	7.1E-02
cg09043214	<i>TNFRSF1A</i>	chr12	Body	0.73	(0.52; 1.03)	7.1E-02
cg24018963	<i>CPEB1</i>	chr15	Body	1.49	(0.97; 2.31)	7.1E-02
cg24018963	<i>CPEB1</i>	chr15	5'UTR	1.49	(0.97; 2.31)	7.1E-02
cg07879269	<i>FSTL1</i>	chr3	Body	0.73	(0.53; 1.03)	7.1E-02
cg17402889	<i>CACNA1C</i>	chr12	Body	0.7	(0.48; 1.03)	7.1E-02
cg05955332	<i>CHCHD6</i>	chr3	Body	1.35	(0.97; 1.87)	7.1E-02
cg12944311	<i>PEX14</i>	chr1	Body	1.37	(0.97; 1.94)	7.1E-02
cg04268643	<i>TNRC6C</i>	chr17	5'UTR	1.39	(0.97; 1.98)	7.2E-02
cg06933370	<i>MEIS2</i>	chr15	Body	0.65	(0.41; 1.04)	7.2E-02
cg18214796	<i>FBXO33</i>	chr14	TSS1500	1.34	(0.97; 1.85)	7.2E-02
cg18862920	<i>WWOX</i>	chr16	Body	1.4	(0.97; 2.02)	7.2E-02
cg26624576	<i>CDH11</i>	chr16	TSS1500	0.73	(0.52; 1.03)	7.2E-02
cg08458170	<i>TSHZ3</i>	chr19	Body	1.36	(0.97; 1.91)	7.2E-02
cg13455291	<i>ZBTB20</i>	chr3	Body	1.37	(0.97; 1.94)	7.2E-02
cg13455291	<i>ZBTB20</i>	chr3	5'UTR	1.37	(0.97; 1.94)	7.2E-02
cg01611626	<i>ATP6V0C</i>	chr16	Body	0.57	(0.31; 1.05)	7.2E-02
cg03129172	<i>TNFRSF1B</i>	chr1	Body	1.46	(0.97; 2.2)	7.3E-02
cg05123139	<i>AKAP13</i>	chr15	TSS1500	0.66	(0.42; 1.04)	7.3E-02
cg04828658	<i>NRXN1</i>	chr2	Body	1.38	(0.97; 1.97)	7.3E-02
cg07022959	<i>WWOX</i>	chr16	Body	0.7	(0.47; 1.03)	7.3E-02
cg10866847	<i>CTDSPL</i>	chr3	Body	0.73	(0.51; 1.03)	7.3E-02
cg03753995	<i>CEP350</i>	chr1	Body	1.34	(0.97; 1.84)	7.3E-02
cg03576422	<i>WAC</i>	chr10	Body	0.74	(0.54; 1.03)	7.3E-02
cg03480698	<i>PTPRN2</i>	chr7	Body	1.41	(0.97; 2.04)	7.3E-02
cg19803298	<i>PHACTR1</i>	chr6	Body	0.75	(0.54; 1.03)	7.3E-02
cg05328339	<i>PTPRN2</i>	chr7	Body	1.39	(0.97; 2)	7.4E-02
cg06483517	<i>WWOX</i>	chr16	Body	1.36	(0.97; 1.9)	7.4E-02
cg19789919	<i>ATF7IP</i>	chr12	TSS200	0.73	(0.52; 1.03)	7.4E-02
cg04894644	<i>CACNA1C</i>	chr12	Body	0.65	(0.41; 1.04)	7.4E-02
cg10502136	<i>PHACTR1</i>	chr6	Body	0.71	(0.48; 1.03)	7.4E-02
cg16593910	<i>CSMD2</i>	chr1	Body	0.74	(0.53; 1.03)	7.4E-02
cg15105081	<i>C11orf67</i>	chr11	5'UTR	0.74	(0.52; 1.03)	7.5E-02
cg15105081	<i>C11orf67</i>	chr11	1stExon	0.74	(0.52; 1.03)	7.5E-02
cg07208691	<i>CUX2</i>	chr12	Body	0.66	(0.42; 1.04)	7.5E-02
cg15091879	<i>ZBTB20</i>	chr3	TSS200	0.75	(0.55; 1.03)	7.5E-02
cg16370537	<i>PTPRN2</i>	chr7	Body	0.73	(0.51; 1.03)	7.5E-02
cg04170451	<i>WAC</i>	chr10	TSS1500	1.35	(0.97; 1.89)	7.5E-02
cg04170451	<i>WAC</i>	chr10	5'UTR	1.35	(0.97; 1.89)	7.5E-02
cg03325403	<i>CSMD2</i>	chr1	Body	1.42	(0.96; 2.1)	7.5E-02
cg02351971	<i>FSTL1</i>	chr3	Body	1.42	(0.97; 2.09)	7.5E-02
cg02351971	<i>FSTL1</i>	chr3	ExonBnd	1.42	(0.97; 2.09)	7.5E-02
cg03899558	<i>DCUN1D4</i>	chr4	Body	0.73	(0.51; 1.03)	7.5E-02
cg21643314	<i>MEIS2</i>	chr15	TSS200	0.74	(0.53; 1.03)	7.5E-02
cg21643314	<i>MEIS2</i>	chr15	Body	0.74	(0.53; 1.03)	7.5E-02
cg21643314	<i>MEIS2</i>	chr15	5'UTR	0.74	(0.53; 1.03)	7.5E-02
cg10595396	<i>CDH13</i>	chr16	Body	0.73	(0.52; 1.03)	7.5E-02
cg04576058	<i>ERI3</i>	chr1	Body	0.75	(0.54; 1.03)	7.6E-02
cg04576058	<i>ERI3</i>	chr1	5'UTR	0.75	(0.54; 1.03)	7.6E-02
cg22903773	<i>CHD6</i>	chr20	TSS1500	1.48	(0.96; 2.27)	7.6E-02
cg04393532	<i>DNAI2</i>	chr17	Body	0.76	(0.56; 1.03)	7.6E-02

cg05902801	<i>CUX2</i>	chr12	Body	0.75	(0.54; 1.03)	7.6E-02
cg24995915	<i>ATP8A1</i>	chr4	TSS1500	1.34	(0.97; 1.84)	7.6E-02
cg04328166	<i>CACNA1C</i>	chr12	Body	1.45	(0.96; 2.19)	7.6E-02
cg24444035	<i>TENM2</i>	chr5	Body	0.75	(0.55; 1.03)	7.6E-02
cg24444035	<i>CTB-178M22.2</i>	chr5	TSS1500	0.75	(0.55; 1.03)	7.6E-02
cg13031545	<i>PHACTR1</i>	chr6	Body	0.76	(0.56; 1.03)	7.6E-02
cg12771255	<i>MTCL1</i>	chr18	Body	0.73	(0.52; 1.03)	7.6E-02
cg00369194	<i>PTPRN2</i>	chr7	Body	1.32	(0.97; 1.8)	7.6E-02
cg10736303	<i>PTPRN2</i>	chr7	Body	0.75	(0.54; 1.03)	7.7E-02
cg06470298	<i>CHCHD6</i>	chr3	Body	0.72	(0.5; 1.04)	7.7E-02
cg20521805	<i>ZBTB20</i>	chr3	Body	1.41	(0.96; 2.07)	7.7E-02
cg20521805	<i>ZBTB20</i>	chr3	5'UTR	1.41	(0.96; 2.07)	7.7E-02
cg14711108	<i>ERI3</i>	chr1	Body	0.72	(0.5; 1.04)	7.7E-02
cg25519930	<i>CACNA1C</i>	chr12	TSS1500	0.69	(0.46; 1.04)	7.7E-02
cg01630032	<i>WVOX</i>	chr16	Body	0.76	(0.56; 1.03)	7.7E-02
cg10231400	<i>AKAP13</i>	chr15	Body	0.68	(0.44; 1.04)	7.7E-02
cg14627974	<i>CNTNAP2</i>	chr7	Body	0.7	(0.47; 1.04)	7.7E-02
cg00507497	<i>BRUNOL4</i>	chr18	Body	0.75	(0.54; 1.03)	7.7E-02
cg03879823	<i>PHACTR1</i>	chr6	Body	0.7	(0.48; 1.04)	7.7E-02
cg06310022	<i>ZBTB20</i>	chr3	5'UTR	0.48	(0.21; 1.08)	7.7E-02
cg06310022	<i>ZBTB20</i>	chr3	Body	0.48	(0.21; 1.08)	7.7E-02
cg11387591	<i>PTPRU</i>	chr1	Body	0.7	(0.47; 1.04)	7.7E-02
cg17261469	<i>FBXO31</i>	chr16	5'UTR	1.35	(0.97; 1.89)	7.8E-02
cg16280215	<i>PTPRN2</i>	chr7	Body	0.74	(0.53; 1.03)	7.8E-02
cg06402602	<i>FBXO31</i>	chr16	Body	1.39	(0.96; 2)	7.8E-02
cg06402602	<i>FBXO31</i>	chr16	1stExon	1.39	(0.96; 2)	7.8E-02
cg00977640	<i>ERI3</i>	chr1	Body	1.35	(0.97; 1.88)	7.8E-02
cg00977640	<i>ERI3</i>	chr1	5'UTR	1.35	(0.97; 1.88)	7.8E-02
cg26900406	<i>CHCHD6</i>	chr3	Body	1.66	(0.94; 2.92)	7.8E-02
cg22566312	<i>SUGCT</i>	chr7	Body	1.58	(0.95; 2.64)	7.8E-02
cg06158347	<i>CDH11</i>	chr16	5'UTR	0.62	(0.37; 1.05)	7.8E-02
cg06158347	<i>CDH11</i>	chr16	1stExon	0.62	(0.37; 1.05)	7.8E-02
cg15578140	<i>CNTNAP2</i>	chr7	Body	1.4	(0.96; 2.04)	7.8E-02
cg03526582	<i>NDUFA9</i>	chr12	ExonBnd	0.69	(0.45; 1.04)	7.8E-02
cg03526582	<i>NDUFA9</i>	chr12	Body	0.69	(0.45; 1.04)	7.8E-02
cg14475362	<i>TNR</i>	chr1	5'UTR	0.76	(0.56; 1.03)	7.8E-02
cg01633442	<i>PTPRN2</i>	chr7	Body	1.36	(0.97; 1.93)	7.8E-02
cg09025856	<i>CTNND2</i>	chr5	Body	1.39	(0.96; 2)	7.8E-02
cg04415672	<i>CTDSP2</i>	chr12	Body	0.7	(0.47; 1.04)	7.9E-02
cg23239817	<i>PTPRS</i>	chr19	5'UTR	0.74	(0.52; 1.04)	7.9E-02
cg17349753	<i>RTN4RL2</i>	chr11	TSS1500	1.34	(0.97; 1.87)	7.9E-02
cg03637781	<i>CTDSPL</i>	chr3	TSS1500	0.71	(0.49; 1.04)	7.9E-02
cg23523780	<i>TNFRSF10C</i>	chr8	Body	0.75	(0.54; 1.03)	7.9E-02
cg26173773	<i>PTPRN2</i>	chr7	Body	1.47	(0.96; 2.24)	7.9E-02
cg21818126	<i>SUSD4</i>	chr1	Body	2.02	(0.92; 4.43)	7.9E-02
cg26413827	<i>DACH1</i>	chr13	5'UTR	0.69	(0.46; 1.04)	7.9E-02
cg26413827	<i>DACH1</i>	chr13	1stExon	0.69	(0.46; 1.04)	7.9E-02
cg26297866	<i>MEX3A</i>	chr1	TSS1500	1.4	(0.96; 2.05)	7.9E-02
cg13669769	<i>CHFR</i>	chr12	Body	1.34	(0.97; 1.86)	8.0E-02
cg09354263	<i>RECQL5</i>	chr17	Body	0.72	(0.5; 1.04)	8.0E-02
cg16977570	<i>TNFRSF19</i>	chr13	5'UTR	0.74	(0.52; 1.04)	8.0E-02
cg16977570	<i>TNFRSF19</i>	chr13	TSS1500	0.74	(0.52; 1.04)	8.0E-02
cg09798033	<i>CUX2</i>	chr12	Body	0.67	(0.42; 1.05)	8.0E-02
cg12058544	<i>PTPRU</i>	chr1	Body	1.39	(0.96; 2)	8.0E-02
cg00860742	<i>PTPRN2</i>	chr7	Body	0.75	(0.54; 1.04)	8.0E-02
cg22228488	<i>RECQL</i>	chr12	1stExon	0.67	(0.42; 1.05)	8.0E-02
cg22228488	<i>GOLT1B</i>	chr12	TSS200	0.67	(0.42; 1.05)	8.0E-02
cg22228488	<i>RECQL</i>	chr12	5'UTR	0.67	(0.42; 1.05)	8.0E-02
cg17291423	<i>PTPRN2</i>	chr7	Body	0.7	(0.47; 1.04)	8.0E-02
cg11443327	<i>TNRC6B</i>	chr22	Body	0.75	(0.54; 1.04)	8.0E-02
cg00108938	<i>PTPRN2</i>	chr7	Body	0.72	(0.51; 1.04)	8.0E-02

cg17131176	WWOX	chr16	Body	1.89	(0.93; 3.86)	8.0E-02
cg11871991	CPEB1	chr15	1stExon	1.49	(0.95; 2.33)	8.0E-02
cg11871991	CPEB1	chr15	Body	1.49	(0.95; 2.33)	8.0E-02
cg16560455	ZBTB20	chr3	Body	0.67	(0.42; 1.05)	8.0E-02
cg16560455	ZBTB20	chr3	5'UTR	0.67	(0.42; 1.05)	8.0E-02
cg09162514	SUGCT	chr7	Body	1.98	(0.92; 4.27)	8.0E-02
cg19813207	DNAI2	chr17	Body	1.33	(0.97; 1.84)	8.0E-02
cg16763576	MBD5	chr2	5'UTR	1.31	(0.97; 1.78)	8.0E-02
cg09722236	CTNND2	chr5	Body	0.71	(0.48; 1.04)	8.1E-02
cg08519233	ALCAM	chr3	TSS200	0.77	(0.57; 1.03)	8.1E-02
cg15555961	CACNA1C	chr12	Body	0.67	(0.42; 1.05)	8.1E-02
cg26225767	CUX2	chr12	Body	1.46	(0.95; 2.24)	8.1E-02
cg22695318	ZBTB20	chr3	Body	2.11	(0.91; 4.9)	8.1E-02
cg22695318	ZBTB20	chr3	5'UTR	2.11	(0.91; 4.9)	8.1E-02
cg14702865	CTDSPL	chr3	Body	1.36	(0.96; 1.93)	8.1E-02
cg08161922	CACNA1C	chr12	Body	1.36	(0.96; 1.92)	8.1E-02
cg23063047	FBXO32	chr8	5'UTR	0.74	(0.53; 1.04)	8.1E-02
cg23063047	FBXO32	chr8	Body	0.74	(0.53; 1.04)	8.1E-02
cg09452483	PTPRN2	chr7	Body	1.35	(0.96; 1.9)	8.1E-02
cg13254809	FBXO33	chr14	3'UTR	0.74	(0.52; 1.04)	8.1E-02
cg09910067	PTPRN2	chr7	Body	1.35	(0.96; 1.88)	8.1E-02
cg02925076	PTPRN2	chr7	Body	0.73	(0.51; 1.04)	8.1E-02
cg19689077	TNFRSF11A	chr18	Body	0.69	(0.45; 1.05)	8.1E-02
cg09650018	CACNA1C	chr12	Body	1.36	(0.96; 1.91)	8.1E-02
cg10211530	TNRC18	chr7	Body	1.73	(0.93; 3.22)	8.1E-02
cg19685491	CACNA1C	chr12	Body	0.74	(0.53; 1.04)	8.1E-02
cg14354631	PTPRN2	chr7	Body	0.69	(0.46; 1.05)	8.2E-02
cg26069067	CPEB1	chr15	Body	0.76	(0.55; 1.04)	8.2E-02
cg26069067	CPEB1	chr15	5'UTR	0.76	(0.55; 1.04)	8.2E-02
cg20957095	ZFP91	chr11	TSS1500	0.7	(0.47; 1.05)	8.2E-02
cg03601011	ACVR2A	chr2	3'UTR	0.73	(0.51; 1.04)	8.2E-02
cg14430408	PTPRN2	chr7	Body	1.4	(0.96; 2.03)	8.2E-02
cg04564000	ZBTB20	chr3	5'UTR	0.71	(0.48; 1.04)	8.2E-02
cg04564000	ZBTB20	chr3	TSS200	0.71	(0.48; 1.04)	8.2E-02
cg00472027	TNRC6C	chr17	5'UTR	1.33	(0.96; 1.83)	8.2E-02
cg26182922	PTPRN2	chr7	Body	0.74	(0.53; 1.04)	8.2E-02
cg03531247	NRXN1	chr2	Body	0.66	(0.42; 1.05)	8.2E-02
cg04937416	PTPRN2	chr7	Body	0.76	(0.56; 1.04)	8.2E-02
cg09103617	CACNA1C	chr12	Body	0.56	(0.29; 1.08)	8.2E-02
cg05912020	CHD6	chr20	Body	1.38	(0.96; 2)	8.2E-02
cg13517305	CHCHD6	chr3	Body	0.74	(0.53; 1.04)	8.3E-02
cg01874337	GNA12	chr7	Body	0.72	(0.5; 1.04)	8.3E-02
cg17685731	POU2F1	chr1	Body	1.85	(0.92; 3.72)	8.3E-02
cg17685731	POU2F1	chr1	TSS200	1.85	(0.92; 3.72)	8.3E-02
cg21120540	CHCHD6	chr3	Body	1.44	(0.95; 2.17)	8.3E-02
cg15100599	SUSD4	chr1	TSS1500	0.69	(0.45; 1.05)	8.3E-02
cg13263323	AKAP13	chr15	Body	0.76	(0.55; 1.04)	8.3E-02
cg19399302	PTPRN2	chr7	Body	0.76	(0.55; 1.04)	8.4E-02
cg01291336	SMARCD3	chr7	Body	1.48	(0.95; 2.31)	8.4E-02
cg21040759	TNFRSF19	chr13	5'UTR	1.33	(0.96; 1.84)	8.4E-02
cg21040759	TNFRSF19	chr13	TSS200	1.33	(0.96; 1.84)	8.4E-02
cg11158641	TNRC6C	chr17	5'UTR	0.71	(0.49; 1.05)	8.4E-02
cg04276099	PTPRN2	chr7	Body	1.37	(0.96; 1.95)	8.4E-02
cg11367790	CACNA1C	chr12	3'UTR	1.5	(0.95; 2.39)	8.4E-02
cg09556492	PHACTR1	chr6	Body	0.74	(0.52; 1.04)	8.4E-02
cg04324126	RTN4	chr2	TSS1500	1.38	(0.96; 1.98)	8.5E-02
cg04324126	RTN4	chr2	1stExon	1.38	(0.96; 1.98)	8.5E-02
cg04324126	RTN4	chr2	5'UTR	1.38	(0.96; 1.98)	8.5E-02
cg05869732	PTPRN2	chr7	Body	1.37	(0.96; 1.95)	8.5E-02
cg23738173	CDH13	chr16	5'UTR	0.72	(0.49; 1.05)	8.5E-02
cg23738173	CDH13	chr16	Body	0.72	(0.49; 1.05)	8.5E-02

cg00382632	<i>TNRC6A</i>	chr16	Body	0.73	(0.5; 1.05)	8.6E-02
cg09434085	<i>PTPRN2</i>	chr7	Body	0.75	(0.54; 1.04)	8.6E-02
cg09847626	<i>FBXO34</i>	chr14	5'UTR	0.75	(0.54; 1.04)	8.6E-02
cg03852267	<i>TNR</i>	chr1	5'UTR	1.38	(0.96; 2)	8.6E-02
cg06016751	<i>TNFRSF1A</i>	chr12	ExonBnd	0.67	(0.42; 1.06)	8.6E-02
cg06016751	<i>TNFRSF1A</i>	chr12	Body	0.67	(0.42; 1.06)	8.6E-02
cg10430932	<i>CACNA1C</i>	chr12	Body	1.57	(0.94; 2.61)	8.6E-02
cg01431992	<i>TAOK3</i>	chr12	5'UTR	0.76	(0.56; 1.04)	8.6E-02
cg25720067	<i>SMARCD3</i>	chr7	Body	1.48	(0.94; 2.33)	8.7E-02
cg15160057	<i>TNFRSF11B</i>	chr8	TSS1500	1.32	(0.96; 1.8)	8.7E-02
cg00672192	<i>TNRC6C</i>	chr17	Body	0.73	(0.5; 1.05)	8.7E-02
cg24254317	<i>PTPRN2</i>	chr7	Body	0.73	(0.51; 1.05)	8.7E-02
cg09981220	<i>POU2F1</i>	chr1	Body	0.34	(0.1; 1.17)	8.7E-02
cg06897306	<i>PTPRN2</i>	chr7	Body	1.34	(0.96; 1.89)	8.7E-02
cg14659340	<i>POU2F1</i>	chr1	Body	0.76	(0.56; 1.04)	8.7E-02
cg17310653	<i>SGIP1</i>	chr1	Body	1.56	(0.94; 2.61)	8.7E-02
cg07083896	<i>TNFRSF11B</i>	chr8	TSS200	0.73	(0.51; 1.05)	8.7E-02
cg10009056	<i>MTNR1A</i>	chr4	Body	1.34	(0.96; 1.87)	8.7E-02
cg22202031	<i>CHFR</i>	chr12	TSS1500	1.46	(0.95; 2.27)	8.7E-02
cg08489892	<i>ALCAM</i>	chr3	Body	0.72	(0.49; 1.05)	8.7E-02
cg15895820	<i>CACNA1C</i>	chr12	Body	1.45	(0.95; 2.22)	8.7E-02
cg06747863	<i>TAOK3</i>	chr12	TSS200	1.33	(0.96; 1.83)	8.7E-02
cg09165170	<i>PEX14</i>	chr1	Body	1.29	(0.96; 1.72)	8.7E-02
cg17038626	<i>CACNA1C</i>	chr12	Body	0.71	(0.48; 1.05)	8.7E-02
cg04571059	<i>FBXO31</i>	chr16	Body	0.72	(0.49; 1.05)	8.7E-02
cg03541742	<i>CACNA1C</i>	chr12	Body	0.74	(0.52; 1.05)	8.8E-02
cg09350411	<i>PTPRN2</i>	chr7	Body	1.31	(0.96; 1.78)	8.8E-02
cg08490529	<i>PTPRN2</i>	chr7	Body	0.77	(0.57; 1.04)	8.8E-02
cg03120102	<i>WWOX</i>	chr16	Body	0.74	(0.53; 1.05)	8.8E-02
cg15990800	<i>FBXO34</i>	chr14	TSS200	1.3	(0.96; 1.75)	8.8E-02
cg15990800	<i>FBXO34</i>	chr14	5'UTR	1.3	(0.96; 1.75)	8.8E-02
cg06197043	<i>RTN4R</i>	chr22	Body	1.33	(0.96; 1.85)	8.8E-02
cg17716457	<i>CSMD2</i>	chr1	Body	1.43	(0.95; 2.16)	8.8E-02
cg11706165	<i>WWOX</i>	chr16	Body	1.39	(0.95; 2.03)	8.8E-02
cg18601426	<i>PTPRN2</i>	chr7	TSS1500	0.71	(0.49; 1.05)	8.9E-02
cg06858773	<i>DACH1</i>	chr13	Body	0.65	(0.4; 1.07)	8.9E-02
cg26022159	<i>UBE2E2</i>	chr3	Body	1.39	(0.95; 2.03)	8.9E-02
cg01146238	<i>RTN4</i>	chr2	Body	0.74	(0.53; 1.05)	8.9E-02
cg13855408	<i>AKAP13</i>	chr15	TSS1500	0.78	(0.58; 1.04)	8.9E-02
cg13796158	<i>TNRC18</i>	chr7	Body	0.77	(0.56; 1.04)	8.9E-02
cg25104186	<i>CSMD2</i>	chr1	Body	0.76	(0.55; 1.04)	8.9E-02
cg20302111	<i>CHCHD6</i>	chr3	TSS1500	1.35	(0.96; 1.91)	8.9E-02
cg09897881	<i>AKAP13</i>	chr15	Body	0.71	(0.47; 1.05)	8.9E-02
cg00614413	<i>PTPRS</i>	chr19	5'UTR	1.62	(0.93; 2.82)	8.9E-02
cg08576172	<i>AKAP13</i>	chr15	Body	0.74	(0.53; 1.05)	8.9E-02
cg08576172	<i>AKAP13</i>	chr15	TSS1500	0.74	(0.53; 1.05)	8.9E-02
cg09636406	<i>RECQL5</i>	chr17	1stExon	1.36	(0.95; 1.93)	8.9E-02
cg09636406	<i>RECQL5</i>	chr17	5'UTR	1.36	(0.95; 1.93)	8.9E-02
cg02117294	<i>CHD6</i>	chr20	5'UTR	0.75	(0.53; 1.05)	9.0E-02
cg06542282	<i>PEX14</i>	chr1	Body	1.28	(0.96; 1.7)	9.0E-02
cg11717597	<i>MEX3A</i>	chr1	Body	1.41	(0.95; 2.09)	9.0E-02
cg07382588	<i>CTDSPL2</i>	chr15	5'UTR	0.7	(0.47; 1.06)	9.0E-02
cg06395490	<i>ZFP91</i>	chr11	Body	0.75	(0.54; 1.05)	9.0E-02
cg10090141	<i>CDH13</i>	chr16	Body	0.71	(0.48; 1.05)	9.0E-02
cg23009067	<i>GNA12</i>	chr7	Body	0.7	(0.47; 1.06)	9.0E-02
cg21447550	<i>SUSD4</i>	chr1	TSS1500	1.33	(0.96; 1.84)	9.0E-02
cg03147750	<i>PTPRN2</i>	chr7	TSS1500	0.76	(0.55; 1.04)	9.0E-02
cg26816432	<i>PTPRN2</i>	chr7	Body	0.72	(0.49; 1.05)	9.0E-02
cg20093718	<i>LOC100130933</i>	chr17	3'UTR	1.35	(0.95; 1.9)	9.0E-02
cg20093718	<i>RECQL5</i>	chr17	Body	1.35	(0.95; 1.9)	9.0E-02
cg17137122	<i>CTNND2</i>	chr5	Body	1.32	(0.96; 1.81)	9.0E-02

cg17137122	CTNND2	chr5	5'UTR	1.32	(0.96; 1.81)	9.0E-02
cg17137122	CTNND2	chr5	TSS1500	1.32	(0.96; 1.81)	9.0E-02
cg25384488	COL1A2	chr7	Body	0.7	(0.46; 1.06)	9.0E-02
cg21833144	TDRP	chr8	TSS1500	1.44	(0.94; 2.18)	9.0E-02
cg21833144	TDRP	chr8	TSS200	1.44	(0.94; 2.18)	9.0E-02
cg27099759	ZFP91	chr11	Body	0.69	(0.45; 1.06)	9.0E-02
cg01290565	CUX2	chr12	Body	0.76	(0.55; 1.04)	9.1E-02
cg21240214	WAC	chr10	TSS200	0.69	(0.45; 1.06)	9.1E-02
cg21240214	WAC	chr10	5'UTR	0.69	(0.45; 1.06)	9.1E-02
cg07183450	PTPRN2	chr7	Body	0.76	(0.55; 1.05)	9.1E-02
cg20934445	PTPRN2	chr7	Body	0.77	(0.57; 1.04)	9.1E-02
cg25607592	CHCHD6	chr3	Body	1.32	(0.96; 1.82)	9.1E-02
cg16549043	MEX3A	chr1	Body	0.74	(0.52; 1.05)	9.1E-02
cg17050275	TNRC18	chr7	Body	0.75	(0.54; 1.05)	9.1E-02
cg09566021	CREBBP	chr16	Body	1.45	(0.94; 2.23)	9.2E-02
cg21435676	SUSD4	chr1	Body	0.72	(0.49; 1.05)	9.2E-02
cg12538880	TNRC18	chr7	5'UTR	1.3	(0.96; 1.75)	9.2E-02
cg07710734	TNRC6A	chr16	Body	0.74	(0.52; 1.05)	9.2E-02
cg17606120	CHD6	chr20	TSS1500	0.73	(0.51; 1.05)	9.2E-02
cg25565504	NRXN1	chr2	Body	0.74	(0.52; 1.05)	9.2E-02
cg11913695	PTPRN2	chr7	Body	0.75	(0.54; 1.05)	9.3E-02
cg27638035	BRUNOL4	chr18	Body	1.4	(0.95; 2.09)	9.3E-02
cg03695236	PTPRN2	chr7	Body	1.35	(0.95; 1.91)	9.3E-02
cg01032359	CUX2	chr12	Body	0.72	(0.5; 1.06)	9.3E-02
cg17701146	PTPRN2	chr7	Body	0.68	(0.44; 1.07)	9.3E-02
cg18114671	NOL4	chr18	TSS1500	1.36	(0.95; 1.96)	9.3E-02
cg10063179	MTNR1A	chr4	Body	0.71	(0.47; 1.06)	9.3E-02
cg03005767	CTNND2	chr5	Body	1.32	(0.95; 1.83)	9.3E-02
cg03005767	CTNND2	chr5	5'UTR	1.32	(0.95; 1.83)	9.3E-02
cg23799720	WWOX	chr16	5'UTR	1.4	(0.94; 2.08)	9.3E-02
cg23799720	WWOX	chr16	Body	1.4	(0.94; 2.08)	9.3E-02
cg23799720	WWOX	chr16	1stExon	1.4	(0.94; 2.08)	9.3E-02
cg00353353	PTPRN2	chr7	Body	0.71	(0.48; 1.06)	9.4E-02
cg14761242	PTPRN2	chr7	Body	0.75	(0.54; 1.05)	9.4E-02
cg17627898	TAOK3	chr12	5'UTR	0.49	(0.22; 1.13)	9.4E-02
cg24784868	ARID1A	chr1	Body	1.33	(0.95; 1.84)	9.4E-02
cg21270083	ZBTB20	chr3	Body	0.68	(0.43; 1.07)	9.4E-02
cg21270083	ZBTB20	chr3	5'UTR	0.68	(0.43; 1.07)	9.4E-02
cg12534371	CDH13	chr16	Body	0.72	(0.49; 1.06)	9.4E-02
cg27035480	CREBBP	chr16	Body	1.62	(0.92; 2.87)	9.4E-02
cg18067337	PTPRS	chr19	Body	0.74	(0.52; 1.05)	9.4E-02
cg08597719	PTPRN2	chr7	Body	0.76	(0.55; 1.05)	9.4E-02
cg17354303	BARX1	chr9	Body	0.68	(0.43; 1.07)	9.5E-02
cg04976245	PTPRN2	chr7	Body	0.76	(0.55; 1.05)	9.5E-02
cg11905658	NRXN1	chr2	5'UTR	0.7	(0.47; 1.06)	9.5E-02
cg11905658	NRXN1	chr2	1stExon	0.7	(0.47; 1.06)	9.5E-02
cg07062857	FBXO11	chr2	TSS1500	0.76	(0.55; 1.05)	9.5E-02
cg22520850	CUX2	chr12	Body	1.32	(0.95; 1.83)	9.5E-02
cg04922684	UNC80	chr2	Body	0.73	(0.5; 1.06)	9.5E-02
cg17253835	DACH1	chr13	Body	1.32	(0.95; 1.84)	9.5E-02
cg01582616	PTPRN2	chr7	Body	0.69	(0.45; 1.07)	9.5E-02
cg25911087	SUGCT	chr7	Body	0.7	(0.46; 1.06)	9.5E-02
cg27275781	TNRC18	chr7	TSS1500	1.3	(0.96; 1.76)	9.5E-02
cg01933718	PTPRN2	chr7	Body	0.76	(0.54; 1.05)	9.5E-02
cg17499241	MEX3A	chr1	1stExon	0.75	(0.54; 1.05)	9.5E-02
cg10724702	DMXL2	chr15	TSS1500	0.62	(0.35; 1.09)	9.5E-02
cg09279037	PTPRN2	chr7	Body	0.75	(0.54; 1.05)	9.5E-02
cg17003970	CHFR	chr12	Body	1.28	(0.96; 1.7)	9.6E-02
cg00236302	RAP1B	chr12	5'UTR	0.63	(0.37; 1.08)	9.6E-02
cg22187292	TNFRSF11A	chr18	Body	1.42	(0.94; 2.14)	9.6E-02
cg21077902	AKAP13	chr15	5'UTR	0.75	(0.53; 1.05)	9.6E-02

cg20011562	<i>PHACTR1</i>	chr6	Body	0.68	(0.43; 1.07)	9.6E-02
cg01191920	<i>PTPRN2</i>	chr7	Body	0.77	(0.57; 1.05)	9.6E-02
cg14724213	<i>MTCL1</i>	chr18	Body	0.75	(0.53; 1.05)	9.6E-02
cg02505956	<i>PTPRN2</i>	chr7	Body	1.29	(0.96; 1.74)	9.6E-02
cg01849851	<i>PEX14</i>	chr1	Body	0.71	(0.48; 1.06)	9.6E-02
cg13474208	<i>DMXL2</i>	chr15	Body	1.32	(0.95; 1.83)	9.7E-02
cg04277631	<i>TNR</i>	chr1	5'UTR	0.77	(0.56; 1.05)	9.7E-02
cg24107395	<i>CHD6</i>	chr20	Body	1.37	(0.94; 1.98)	9.7E-02
cg17169243	<i>CTDSP2</i>	chr12	Body	1.48	(0.93; 2.37)	9.7E-02
cg02157894	<i>ATF7</i>	chr12	TSS1500	1.56	(0.92; 2.64)	9.7E-02
cg02157894	<i>ATF7</i>	chr12	5'UTR	1.56	(0.92; 2.64)	9.7E-02
cg01630177	<i>PHACTR1</i>	chr6	Body	0.72	(0.49; 1.06)	9.7E-02
cg02794451	<i>CACNA1C</i>	chr12	3'UTR	1.3	(0.95; 1.76)	9.7E-02
cg02576975	<i>PTPRS</i>	chr19	5'UTR	0.59	(0.32; 1.1)	9.8E-02
cg09069435	<i>RNU5E-1</i>	chr5	Body	1.53	(0.93; 2.53)	9.8E-02
cg16477262	<i>CTDSPL</i>	chr3	Body	1.37	(0.94; 2)	9.8E-02
cg08200878	<i>TAOK3</i>	chr12	Body	0.73	(0.5; 1.06)	9.8E-02
cg05012972	<i>PTPRN2</i>	chr7	Body	1.32	(0.95; 1.82)	9.8E-02
cg20380649	<i>CTNND2</i>	chr5	Body	0.77	(0.56; 1.05)	9.8E-02
cg02110656	<i>TAOK3</i>	chr12	Body	0.75	(0.53; 1.06)	9.8E-02
cg03679716	<i>FBXO31</i>	chr16	Body	0.69	(0.45; 1.07)	9.8E-02
cg14585296	<i>PTPRN2</i>	chr7	Body	1.31	(0.95; 1.8)	9.8E-02
cg09992350	<i>PTPRN2</i>	chr7	Body	0.77	(0.56; 1.05)	9.8E-02
cg21726913	<i>PDE8A</i>	chr15	TSS1500	0.76	(0.55; 1.05)	9.9E-02
cg16151354	<i>DACH1</i>	chr13	Body	1.3	(0.95; 1.79)	9.9E-02
cg02161503	<i>PTPRN2</i>	chr7	Body	0.75	(0.54; 1.05)	9.9E-02
cg23434264	<i>AKAP13</i>	chr15	Body	0.72	(0.49; 1.06)	9.9E-02
cg00547139	<i>PTPRN2</i>	chr7	Body	1.39	(0.94; 2.06)	9.9E-02
cg10403292	<i>PTPRN2</i>	chr7	Body	1.37	(0.94; 1.99)	9.9E-02
cg00694512	<i>CHCHD6</i>	chr3	TSS200	1.29	(0.95; 1.76)	9.9E-02
cg23260731	<i>ATP6V0C</i>	chr16	1stExon	0.76	(0.55; 1.05)	9.9E-02
cg23260731	<i>ATP6V0C</i>	chr16	5'UTR	0.76	(0.55; 1.05)	9.9E-02
cg12897164	<i>FBXO32</i>	chr8	5'UTR	1.77	(0.9; 3.47)	9.9E-02
cg12897164	<i>FBXO32</i>	chr8	Body	1.77	(0.9; 3.47)	9.9E-02
cg13985767	<i>GNA12</i>	chr7	Body	0.73	(0.51; 1.06)	9.9E-02
cg12661624	<i>PTPRN2</i>	chr7	Body	0.76	(0.55; 1.05)	9.9E-02
cg20450337	<i>PTPRS</i>	chr19	Body	1.33	(0.95; 1.85)	1.0E-01
cg06413087	<i>PTPRN2</i>	chr7	Body	0.76	(0.55; 1.05)	1.0E-01
cg09510202	<i>PHACTR1</i>	chr6	Body	0.72	(0.49; 1.06)	1.0E-01
cg06804581	<i>ACVR2A</i>	chr2	5'UTR	0.61	(0.34; 1.1)	1.0E-01
cg06804581	<i>ACVR2A</i>	chr2	TSS200	0.61	(0.34; 1.1)	1.0E-01
cg17946266	<i>PHACTR1</i>	chr6	Body	0.69	(0.45; 1.07)	1.0E-01
cg22692013	<i>CACNA1C</i>	chr12	Body	1.32	(0.95; 1.84)	1.0E-01
cg05082805	<i>CNTNAP2</i>	chr7	Body	1.6	(0.91; 2.82)	1.0E-01
cg25045630	<i>PTPRN2</i>	chr7	Body	0.76	(0.54; 1.05)	1.0E-01
cg12866112	<i>PTPRN2</i>	chr7	Body	0.72	(0.48; 1.07)	1.0E-01
cg05224015	<i>PTPRN2</i>	chr7	Body	1.37	(0.94; 2)	1.0E-01
cg06191815	<i>ERI3</i>	chr1	Body	1.33	(0.95; 1.87)	1.0E-01
cg23415810	<i>ATF7</i>	chr12	Body	1.39	(0.94; 2.06)	1.0E-01
cg06017659	<i>PTPRN2</i>	chr7	Body	0.74	(0.52; 1.06)	1.0E-01
cg20518511	<i>TNRC18</i>	chr7	Body	0.64	(0.37; 1.09)	1.0E-01
cg09373730	<i>NRXN1</i>	chr2	Body	1.33	(0.95; 1.86)	1.0E-01
cg11531198	<i>ALCAM</i>	chr3	TSS1500	1.48	(0.93; 2.35)	1.0E-01
cg25581124	<i>DMXL2</i>	chr15	Body	0.7	(0.45; 1.07)	1.0E-01
cg04631584	<i>PHACTR1</i>	chr6	Body	0.73	(0.5; 1.06)	1.0E-01
cg06252160	<i>WWOX</i>	chr16	Body	0.76	(0.54; 1.06)	1.0E-01
cg09889256	<i>TNRC6A</i>	chr16	Body	0.76	(0.54; 1.06)	1.0E-01
cg25665603	<i>ALCAM</i>	chr3	TSS200	0.77	(0.56; 1.05)	1.0E-01
cg26875655	<i>CUX2</i>	chr12	Body	0.72	(0.49; 1.07)	1.0E-01
cg20739510	<i>PEX14</i>	chr1	TSS200	0.76	(0.54; 1.06)	1.0E-01
cg26949467	<i>FBXO11</i>	chr2	1stExon	0.74	(0.52; 1.06)	1.0E-01

cg02829656	<i>CPEB1</i>	chr15	Body	1.44	(0.93; 2.22)	1.0E-01
cg02829656	<i>CPEB1</i>	chr15	5'UTR	1.44	(0.93; 2.22)	1.0E-01
cg06356698	<i>CPEB1</i>	chr15	Body	0.75	(0.53; 1.06)	1.0E-01
cg06356698	<i>CPEB1</i>	chr15	5'UTR	0.75	(0.53; 1.06)	1.0E-01
cg06874640	<i>PHACTR1</i>	chr6	TSS1500	0.73	(0.5; 1.06)	1.0E-01
cg21597685	<i>PTPRN2</i>	chr7	Body	1.37	(0.94; 2.01)	1.0E-01
cg04272757	<i>AKAP13</i>	chr15	Body	0.78	(0.58; 1.05)	1.0E-01
cg23172590	<i>CTDSP2</i>	chr12	1stExon	0.74	(0.52; 1.06)	1.0E-01
cg23172590	<i>CTDSP2</i>	chr12	5'UTR	0.74	(0.52; 1.06)	1.0E-01
cg17646855	<i>PTPRN2</i>	chr7	Body	1.34	(0.94; 1.89)	1.0E-01
cg15974196	<i>CTNND2</i>	chr5	Body	1.95	(0.88; 4.34)	1.0E-01
cg00880674	<i>BARX2</i>	chr11	Body	0.75	(0.53; 1.06)	1.0E-01
cg16796151	<i>PTPRN2</i>	chr7	Body	1.33	(0.94; 1.87)	1.0E-01
cg14799696	<i>PTPRN2</i>	chr7	Body	1.33	(0.94; 1.87)	1.0E-01
cg00955290	<i>WAC</i>	chr10	TSS200	0.75	(0.53; 1.06)	1.0E-01
cg00955290	<i>WAC</i>	chr10	Body	0.75	(0.53; 1.06)	1.0E-01
cg12161122	<i>BRUNOL4</i>	chr18	TSS200	0.7	(0.46; 1.07)	1.0E-01
cg20349753	<i>ELAVL4</i>	chr1	Body	0.73	(0.49; 1.07)	1.0E-01
cg24544309	<i>ARID1A</i>	chr1	Body	1.36	(0.94; 1.97)	1.0E-01
cg12381873	<i>DNAI2</i>	chr17	TSS1500	0.76	(0.55; 1.06)	1.0E-01
cg01155916	<i>FBXO38</i>	chr5	TSS1500	0.75	(0.54; 1.06)	1.0E-01
cg10578110	<i>CUX2</i>	chr12	Body	0.76	(0.55; 1.06)	1.0E-01
cg06894149	<i>CHD6</i>	chr20	Body	0.78	(0.57; 1.05)	1.0E-01
cg23110415	<i>SMARCD3</i>	chr7	TSS1500	0.67	(0.42; 1.08)	1.0E-01
cg11730685	<i>PTPRN2</i>	chr7	Body	0.78	(0.58; 1.05)	1.0E-01
cg05396320	<i>CACNA1C</i>	chr12	ExonBnd	0.63	(0.36; 1.1)	1.0E-01
cg05396320	<i>CACNA1C</i>	chr12	Body	0.63	(0.36; 1.1)	1.0E-01
cg12363722	<i>MTNR1A</i>	chr4	TSS200	0.63	(0.36; 1.1)	1.0E-01
cg24402559	<i>CDH13</i>	chr16	5'UTR	1.35	(0.94; 1.93)	1.0E-01
cg24402559	<i>CDH13</i>	chr16	Body	1.35	(0.94; 1.93)	1.0E-01
cg20015729	<i>UBE2E2</i>	chr3	Body	1.35	(0.94; 1.95)	1.0E-01
cg13636543	<i>PTPRN2</i>	chr7	Body	1.33	(0.94; 1.87)	1.0E-01
cg11608521	<i>RNU5E-1</i>	chr5	Body	0.74	(0.51; 1.07)	1.0E-01
cg09690040	<i>CHCHD6</i>	chr3	Body	0.74	(0.51; 1.06)	1.0E-01
cg05708375	<i>NOL4L</i>	chr20	Body	0.76	(0.54; 1.06)	1.0E-01
cg16982929	<i>CTNND2</i>	chr5	Body	1.32	(0.94; 1.85)	1.0E-01
cg20227944	<i>CUX2</i>	chr12	Body	1.75	(0.89; 3.43)	1.0E-01
cg23087020	<i>POU2F1</i>	chr1	5'UTR	0.66	(0.4; 1.09)	1.0E-01
cg00148035	<i>CUX2</i>	chr12	Body	1.42	(0.93; 2.18)	1.0E-01
cg08267336	<i>POU2F1</i>	chr1	Body	0.52	(0.24; 1.14)	1.0E-01
cg08267336	<i>POU2F1</i>	chr1	TSS200	0.52	(0.24; 1.14)	1.0E-01
cg19271753	<i>TNRC18</i>	chr7	Body	0.74	(0.51; 1.06)	1.0E-01
cg10823320	<i>CUX2</i>	chr12	Body	1.41	(0.93; 2.12)	1.0E-01
cg04680282	<i>RECQL5</i>	chr17	Body	1.45	(0.93; 2.26)	1.0E-01
cg22668002	<i>TNRC18</i>	chr7	Body	1.31	(0.95; 1.8)	1.0E-01
cg16708047	<i>TENM2</i>	chr5	Body	0.74	(0.52; 1.06)	1.1E-01
cg01866861	<i>NRXN1</i>	chr2	Body	0.7	(0.45; 1.08)	1.1E-01
cg14797308	<i>POU2F1</i>	chr1	Body	0.52	(0.24; 1.15)	1.1E-01
cg14797308	<i>POU2F1</i>	chr1	TSS200	0.52	(0.24; 1.15)	1.1E-01
cg13752708	<i>PTPRN2</i>	chr7	Body	0.76	(0.55; 1.06)	1.1E-01
cg19536177	<i>CUX2</i>	chr12	Body	1.33	(0.94; 1.88)	1.1E-01
cg08051310	<i>PHACTR1</i>	chr6	Body	0.76	(0.55; 1.06)	1.1E-01
cg24938830	<i>UNC80</i>	chr2	TSS200	0.69	(0.44; 1.08)	1.1E-01
cg05963085	<i>CCDC80</i>	chr3	5'UTR	0.7	(0.45; 1.08)	1.1E-01
cg05963085	<i>CCDC80</i>	chr3	1stExon	0.7	(0.45; 1.08)	1.1E-01
cg03951374	<i>MEIS2</i>	chr15	5'UTR	1.4	(0.93; 2.12)	1.1E-01
cg03951374	<i>MEIS2</i>	chr15	1stExon	1.4	(0.93; 2.12)	1.1E-01
cg03951374	<i>MEIS2</i>	chr15	Body	1.4	(0.93; 2.12)	1.1E-01
cg07306604	<i>RTN4R</i>	chr22	Body	1.38	(0.93; 2.03)	1.1E-01
cg05971373	<i>PTPRN2</i>	chr7	Body	0.75	(0.52; 1.06)	1.1E-01
cg20592656	<i>TNRC18</i>	chr7	Body	1.32	(0.94; 1.86)	1.1E-01

cg20850204	TAOK3	chr12	Body	1.29	(0.95; 1.74)	1.1E-01
cg21827294	CHFR	chr12	Body	1.35	(0.94; 1.95)	1.1E-01
cg24900931	COL5A2	chr2	Body	1.46	(0.92; 2.31)	1.1E-01
cg15335334	LOC100130933	chr17	TSS200	2.09	(0.85; 5.1)	1.1E-01
cg15335334	RECQL5	chr17	Body	2.09	(0.85; 5.1)	1.1E-01
cg13740979	TNFRSF10B	chr8	Body	1.41	(0.93; 2.15)	1.1E-01
cg19978041	CACNA1C-AS4	chr12	TSS200	0.77	(0.56; 1.06)	1.1E-01
cg19978041	CACNA1C	chr12	Body	0.77	(0.56; 1.06)	1.1E-01
cg26462892	AKAP13	chr15	Body	0.75	(0.52; 1.07)	1.1E-01
cg06124066	PTPRN2	chr7	Body	1.31	(0.94; 1.81)	1.1E-01
cg09494582	NRXN1	chr2	Body	1.29	(0.95; 1.76)	1.1E-01
cg14980255	MEIS2	chr15	Body	0.76	(0.55; 1.06)	1.1E-01
cg12819762	CDH13	chr16	5'UTR	0.71	(0.46; 1.08)	1.1E-01
cg12819762	CDH13	chr16	Body	0.71	(0.46; 1.08)	1.1E-01
cg09844805	HMGB4	chr1	TSS1500	0.75	(0.52; 1.07)	1.1E-01
cg09844805	CSMD2	chr1	Body	0.75	(0.52; 1.07)	1.1E-01
cg22950904	TNFRSF19	chr13	Body	0.65	(0.39; 1.1)	1.1E-01
cg09847283	PTPRN2	chr7	Body	0.75	(0.53; 1.06)	1.1E-01
cg10672108	CNTF	chr11	TSS200	0.74	(0.51; 1.07)	1.1E-01
cg08722213	PTPRS	chr19	5'UTR	1.32	(0.94; 1.87)	1.1E-01
cg04254167	WVOX	chr16	Body	0.75	(0.53; 1.06)	1.1E-01
cg09849688	ARID1A	chr1	Body	0.67	(0.41; 1.09)	1.1E-01
cg26881899	NRXN1	chr2	Body	1.3	(0.94; 1.79)	1.1E-01
cg17322774	PTPRN2	chr7	Body	1.49	(0.92; 2.41)	1.1E-01
cg15633082	PTPRN2	chr7	Body	0.66	(0.39; 1.1)	1.1E-01
cg12241599	MEIS2	chr15	Body	1.51	(0.91; 2.5)	1.1E-01
cg08004406	UBE2E2	chr3	Body	1.33	(0.94; 1.89)	1.1E-01
cg14329860	NRXN1	chr2	Body	1.73	(0.89; 3.39)	1.1E-01
cg27445134	MTCL1	chr18	Body	1.41	(0.93; 2.14)	1.1E-01
cg12284600	CTNND2	chr5	Body	0.7	(0.45; 1.08)	1.1E-01
cg12284600	CTNND2	chr5	5'UTR	0.7	(0.45; 1.08)	1.1E-01
cg12284600	CTNND2	chr5	TSS1500	0.7	(0.45; 1.08)	1.1E-01
cg21638374	FBXO38	chr5	TSS200	1.51	(0.91; 2.49)	1.1E-01
cg26967842	PTPRN2	chr7	Body	1.34	(0.94; 1.93)	1.1E-01
cg01365766	WVOX	chr16	Body	1.38	(0.93; 2.03)	1.1E-01
cg07831256	FBXO31	chr16	ExonBnd	0.6	(0.32; 1.12)	1.1E-01
cg07831256	FBXO31	chr16	5'UTR	0.6	(0.32; 1.12)	1.1E-01
cg03276353	TAOK3	chr12	5'UTR	0.74	(0.51; 1.07)	1.1E-01
cg27299033	RTN4RL1	chr17	Body	1.41	(0.93; 2.13)	1.1E-01
cg16485976	NOL4L	chr20	Body	1.32	(0.94; 1.84)	1.1E-01
cg05090717	CTDSPL	chr3	Body	0.69	(0.44; 1.09)	1.1E-01
cg21525946	TENM2	chr5	Body	0.79	(0.59; 1.05)	1.1E-01
cg21491235	RAP1B	chr12	5'UTR	0.77	(0.55; 1.06)	1.1E-01
cg21991536	NOL4L	chr20	Body	1.4	(0.93; 2.11)	1.1E-01
cg20905910	CHCHD6	chr3	Body	0.39	(0.13; 1.23)	1.1E-01
cg09672286	ZBTB20	chr3	Body	0.79	(0.6; 1.05)	1.1E-01
cg09672286	ZBTB20	chr3	5'UTR	0.79	(0.6; 1.05)	1.1E-01
cg21148404	BRUNOL4	chr18	3'UTR	0.74	(0.51; 1.07)	1.1E-01
cg10576019	CUX2	chr12	Body	0.75	(0.53; 1.07)	1.1E-01
cg16381530	TSHZ3	chr19	Body	0.77	(0.56; 1.06)	1.1E-01
cg10978002	NRXN1	chr2	Body	1.34	(0.94; 1.9)	1.1E-01
cg16493407	MTCL1	chr18	Body	0.72	(0.49; 1.08)	1.1E-01
cg24639176	PHACTR1	chr6	Body	1.38	(0.93; 2.06)	1.1E-01
cg06651119	CDH13	chr16	Body	1.31	(0.94; 1.82)	1.1E-01
cg14249528	RTN4RL1	chr17	Body	0.72	(0.48; 1.08)	1.1E-01
cg02917381	MEIS2	chr15	5'UTR	0.77	(0.55; 1.06)	1.1E-01
cg02917381	MEIS2	chr15	1stExon	0.77	(0.55; 1.06)	1.1E-01
cg02917381	MEIS2	chr15	TSS1500	0.77	(0.55; 1.06)	1.1E-01
cg25520872	ZNF704	chr8	Body	1.39	(0.93; 2.07)	1.1E-01
cg22377978	PTPRN2	chr7	Body	0.76	(0.55; 1.06)	1.1E-01
cg17980184	PTPRN2	chr7	Body	0.73	(0.49; 1.08)	1.1E-01

cg01161698	<i>FBXO38</i>	chr5	Body	0.76	(0.55; 1.06)	1.1E-01
cg11291456	<i>RAP1B</i>	chr12	5'UTR	0.75	(0.52; 1.07)	1.1E-01
cg00366722	<i>MEIS2</i>	chr15	TSS200	0.7	(0.45; 1.09)	1.1E-01
cg00366722	<i>MEIS2</i>	chr15	TSS1500	0.7	(0.45; 1.09)	1.1E-01
cg02562602	<i>PTPRN2</i>	chr7	Body	1.3	(0.94; 1.79)	1.1E-01
cg13041975	<i>TXNDC9</i>	chr2	1stExon	0.78	(0.57; 1.06)	1.1E-01
cg13041975	<i>TXNDC9</i>	chr2	5'UTR	0.78	(0.57; 1.06)	1.1E-01
cg01480384	<i>ATF7</i>	chr12	TSS1500	0.74	(0.52; 1.07)	1.1E-01
cg12107643	<i>PTPRS</i>	chr19	Body	1.3	(0.94; 1.78)	1.1E-01
cg18445715	<i>COL5A2</i>	chr2	Body	1.4	(0.92; 2.12)	1.1E-01
cg03998264	<i>ATF7</i>	chr12	Body	0.43	(0.15; 1.22)	1.1E-01
cg00691586	<i>AKAP13</i>	chr15	Body	0.73	(0.5; 1.08)	1.1E-01
cg22529607	<i>PDE8A</i>	chr15	Body	1.47	(0.91; 2.36)	1.1E-01
cg02392124	<i>WAC</i>	chr10	Body	1.57	(0.9; 2.75)	1.1E-01
cg09044981	<i>CDH13</i>	chr16	Body	0.79	(0.59; 1.06)	1.1E-01
cg20299485	<i>FBXO38</i>	chr5	Body	0.75	(0.53; 1.07)	1.1E-01
cg05725666	<i>CACNA1C</i>	chr12	Body	0.71	(0.46; 1.08)	1.1E-01
cg19567168	<i>TNFRSF1A</i>	chr12	Body	0.78	(0.58; 1.06)	1.1E-01
cg00826640	<i>PTPRN2</i>	chr7	Body	1.37	(0.93; 2.02)	1.1E-01
cg09599652	<i>ZNF704</i>	chr8	Body	0.64	(0.37; 1.11)	1.1E-01
cg10066043	<i>PTPRN2</i>	chr7	Body	1.26	(0.95; 1.68)	1.1E-01
cg01918627	<i>POU2F1</i>	chr1	Body	0.75	(0.52; 1.07)	1.1E-01
cg13739406	<i>POU2F1</i>	chr1	ExonBnd	1.39	(0.93; 2.09)	1.1E-01
cg13739406	<i>POU2F1</i>	chr1	Body	1.39	(0.93; 2.09)	1.1E-01
cg18575602	<i>CHFR</i>	chr12	Body	0.78	(0.57; 1.06)	1.1E-01
cg20368294	<i>WWOX</i>	chr16	Body	1.41	(0.92; 2.15)	1.1E-01
cg17251643	<i>WWOX</i>	chr16	Body	0.75	(0.52; 1.07)	1.1E-01
cg25160042	<i>SUGCT</i>	chr7	Body	0.74	(0.51; 1.07)	1.1E-01
cg21102477	<i>CSMD2</i>	chr1	Body	0.75	(0.52; 1.07)	1.1E-01
cg01462349	<i>PTPRN2</i>	chr7	Body	1.61	(0.89; 2.89)	1.1E-01
cg10466626	<i>WWOX</i>	chr16	Body	1.3	(0.94; 1.81)	1.1E-01
cg26700469	<i>WWOX</i>	chr16	Body	1.44	(0.91; 2.28)	1.1E-01
cg22761819	<i>CACNA1C</i>	chr12	Body	1.38	(0.92; 2.06)	1.1E-01
cg25157001	<i>CTDSP2</i>	chr12	TSS1500	1.32	(0.93; 1.86)	1.2E-01
cg15927566	<i>ATP8A1</i>	chr4	Body	1.58	(0.89; 2.79)	1.2E-01
cg26689848	<i>PTPRN2</i>	chr7	Body	1.29	(0.94; 1.77)	1.2E-01
cg11779204	<i>CTNND2</i>	chr5	Body	0.74	(0.5; 1.08)	1.2E-01
cg13645221	<i>PHACTR1</i>	chr6	Body	0.76	(0.55; 1.07)	1.2E-01
cg18970103	<i>CNTNAP2</i>	chr7	Body	0.77	(0.56; 1.07)	1.2E-01
cg22094953	<i>TNRC6C</i>	chr17	TSS1500	0.77	(0.56; 1.07)	1.2E-01
cg25934969	<i>COL5A2</i>	chr2	Body	1.34	(0.93; 1.93)	1.2E-01
cg02283042	<i>CDH13</i>	chr16	Body	0.71	(0.46; 1.09)	1.2E-01
cg16193245	<i>PTPRN2</i>	chr7	Body	0.79	(0.59; 1.06)	1.2E-01
cg19547274	<i>CDH13</i>	chr16	Body	0.7	(0.44; 1.09)	1.2E-01
cg22590522	<i>RECQL5</i>	chr17	Body	1.42	(0.92; 2.19)	1.2E-01
cg03874476	<i>WWOX</i>	chr16	Body	0.74	(0.51; 1.08)	1.2E-01
cg17946161	<i>TNFRSF1B</i>	chr1	Body	1.55	(0.9; 2.7)	1.2E-01
cg09905811	<i>NRXN1</i>	chr2	5'UTR	1.35	(0.93; 1.97)	1.2E-01
cg01935331	<i>MTCL1</i>	chr18	Body	0.77	(0.55; 1.07)	1.2E-01
cg26529778	<i>NOL4</i>	chr18	Body	0.77	(0.55; 1.07)	1.2E-01
cg27289137	<i>UBE2E2</i>	chr3	Body	0.74	(0.51; 1.08)	1.2E-01
cg00219151	<i>SLC16A9</i>	chr10	TSS1500	1.37	(0.93; 2.02)	1.2E-01
cg27177391	<i>ATF7</i>	chr12	TSS1500	1.3	(0.94; 1.8)	1.2E-01
cg10516823	<i>ERI3</i>	chr1	TSS200	0.79	(0.58; 1.06)	1.2E-01
cg07315745	<i>BARX2</i>	chr11	TSS200	0.71	(0.46; 1.09)	1.2E-01
cg01407244	<i>TNFRSF10C</i>	chr8	Body	0.77	(0.55; 1.07)	1.2E-01
cg06840100	<i>RNU5E-1</i>	chr5	Body	0.73	(0.49; 1.08)	1.2E-01
cg07165288	<i>ZBTB20</i>	chr3	5'UTR	1.32	(0.93; 1.86)	1.2E-01
cg16207991	<i>PHACTR1</i>	chr6	Body	1.34	(0.93; 1.94)	1.2E-01
cg05943636	<i>CACNA1C</i>	chr12	Body	1.33	(0.93; 1.9)	1.2E-01
cg14842970	<i>NOL4</i>	chr18	Body	1.37	(0.92; 2.04)	1.2E-01

cg04083678	<i>ERI3</i>	chr1	Body	0.76	(0.54; 1.07)	1.2E-01
cg04083678	<i>ERI3</i>	chr1	5'UTR	0.76	(0.54; 1.07)	1.2E-01
cg08122051	<i>WVOX</i>	chr16	Body	1.3	(0.94; 1.82)	1.2E-01
cg25302419	<i>CTNND2</i>	chr5	5'UTR	0.74	(0.51; 1.08)	1.2E-01
cg25302419	<i>CTNND2</i>	chr5	1stExon	0.74	(0.51; 1.08)	1.2E-01
cg02703822	<i>ZNF704</i>	chr8	Body	0.7	(0.44; 1.1)	1.2E-01
cg01269617	<i>CUX2</i>	chr12	Body	0.77	(0.56; 1.07)	1.2E-01
cg06146784	<i>NOL4L</i>	chr20	Body	1.3	(0.94; 1.81)	1.2E-01
cg15162335	<i>RECQL</i>	chr12	1stExon	0.75	(0.52; 1.08)	1.2E-01
cg15162335	<i>GOLT1B</i>	chr12	TSS200	0.75	(0.52; 1.08)	1.2E-01
cg15162335	<i>RECQL</i>	chr12	5'UTR	0.75	(0.52; 1.08)	1.2E-01
cg04118006	<i>CTDSP2</i>	chr12	Body	0.76	(0.53; 1.07)	1.2E-01
cg18646784	<i>ERI3</i>	chr1	Body	1.98	(0.84; 4.64)	1.2E-01
cg18646784	<i>ERI3</i>	chr1	5'UTR	1.98	(0.84; 4.64)	1.2E-01
cg24726661	<i>CACNA1C</i>	chr12	Body	1.36	(0.92; 2.02)	1.2E-01
cg17714807	<i>PTPRN2</i>	chr7	Body	0.78	(0.57; 1.06)	1.2E-01
cg01568490	<i>NRXN1</i>	chr2	Body	0.73	(0.5; 1.08)	1.2E-01
cg01568490	<i>NRXN1</i>	chr2	TSS1500	0.73	(0.5; 1.08)	1.2E-01
cg12392429	<i>BRUNOL4</i>	chr18	Body	1.28	(0.94; 1.74)	1.2E-01
cg08284826	<i>CREBBP</i>	chr16	Body	0.77	(0.55; 1.07)	1.2E-01
cg13978466	<i>UNC80</i>	chr2	Body	1.38	(0.92; 2.08)	1.2E-01
cg22497084	<i>CACNA1C</i>	chr12	Body	0.77	(0.56; 1.07)	1.2E-01
cg11107182	<i>CSMD2</i>	chr1	Body	0.8	(0.6; 1.06)	1.2E-01
cg15507730	<i>MEIS2</i>	chr15	5'UTR	0.75	(0.52; 1.08)	1.2E-01
cg15507730	<i>MEIS2</i>	chr15	TSS1500	0.75	(0.52; 1.08)	1.2E-01
cg01276970	<i>NOL4L</i>	chr20	Body	1.62	(0.88; 2.98)	1.2E-01
cg14922895	<i>TNRC6B</i>	chr22	TSS200	1.3	(0.93; 1.82)	1.2E-01
cg15557938	<i>CSMD2</i>	chr1	3'UTR	0.74	(0.51; 1.08)	1.2E-01
cg24672611	<i>CTDSP2</i>	chr12	Body	0.77	(0.56; 1.07)	1.2E-01
cg22399511	<i>ATP6V0C</i>	chr16	Body	1.28	(0.94; 1.76)	1.2E-01
cg11132582	<i>POU2F1</i>	chr1	5'UTR	0.72	(0.48; 1.09)	1.2E-01
cg07243230	<i>RNU5E-1</i>	chr5	Body	1.69	(0.87; 3.26)	1.2E-01
cg26335752	<i>WAC</i>	chr10	Body	2.07	(0.83; 5.17)	1.2E-01
cg00904407	<i>PTPRN2</i>	chr7	Body	0.74	(0.51; 1.08)	1.2E-01
cg18416290	<i>TAOK3</i>	chr12	Body	0.7	(0.45; 1.1)	1.2E-01
cg09896544	<i>MEIS2</i>	chr15	Body	1.3	(0.93; 1.8)	1.2E-01
cg26790395	<i>EIF2S1</i>	chr14	TSS1500	1.3	(0.93; 1.82)	1.2E-01
cg00537335	<i>PTPRN2</i>	chr7	Body	0.75	(0.53; 1.08)	1.2E-01
cg10978194	<i>NOL4</i>	chr18	5'UTR	0.78	(0.57; 1.07)	1.2E-01
cg10978194	<i>NOL4</i>	chr18	Body	0.78	(0.57; 1.07)	1.2E-01
cg04802449	<i>PTPRN2</i>	chr7	Body	1.31	(0.93; 1.84)	1.2E-01
cg09305228	<i>TNRC6B</i>	chr22	Body	1.58	(0.89; 2.79)	1.2E-01
cg25533997	<i>BRUNOL4</i>	chr18	Body	1.29	(0.94; 1.76)	1.2E-01
cg20384620	<i>PTPRN2</i>	chr7	Body	1.29	(0.94; 1.79)	1.2E-01
cg08601018	<i>NRXN1</i>	chr2	Body	0.76	(0.54; 1.07)	1.2E-01
cg09306986	<i>CREBBP</i>	chr16	Body	1.32	(0.93; 1.87)	1.2E-01
cg12217560	<i>TNFRSF19</i>	chr13	5'UTR	0.63	(0.36; 1.13)	1.2E-01
cg12217560	<i>TNFRSF19</i>	chr13	1stExon	0.63	(0.36; 1.13)	1.2E-01
cg08443882	<i>CTDSPL</i>	chr3	Body	1.36	(0.92; 2)	1.2E-01
cg02417663	<i>PTPRN2</i>	chr7	TSS200	0.79	(0.59; 1.06)	1.2E-01
cg19071344	<i>CACNA1C</i>	chr12	Body	1.33	(0.93; 1.9)	1.2E-01
cg26692859	<i>ALCAM</i>	chr3	Body	0.76	(0.54; 1.08)	1.2E-01
cg01238361	<i>PTPRN2</i>	chr7	Body	0.74	(0.51; 1.08)	1.2E-01
cg22493759	<i>CREBBP</i>	chr16	Body	1.38	(0.92; 2.07)	1.2E-01
cg25217583	<i>ELAVL4</i>	chr1	TSS1500	0.75	(0.52; 1.08)	1.2E-01
cg25217583	<i>ELAVL4</i>	chr1	Body	0.75	(0.52; 1.08)	1.2E-01
cg00846554	<i>PHACTR1</i>	chr6	Body	0.71	(0.46; 1.1)	1.2E-01
cg14791799	<i>TNFRSF19</i>	chr13	Body	1.34	(0.93; 1.93)	1.2E-01
cg19800406	<i>CACNA1C</i>	chr12	Body	0.77	(0.55; 1.07)	1.2E-01
cg19888535	<i>FBXO32</i>	chr8	TSS200	1.31	(0.93; 1.85)	1.2E-01
cg01397701	<i>TAOK3</i>	chr12	TSS200	0.76	(0.53; 1.08)	1.2E-01

cg11142484	CSMD2	chr1	Body	0.65	(0.38; 1.12)	1.2E-01
cg04264144	ERI3	chr1	Body	0.77	(0.55; 1.07)	1.2E-01
cg21966729	NOL4L	chr20	TSS1500	1.34	(0.93; 1.94)	1.2E-01
cg20456528	TAOK3	chr12	Body	0.48	(0.19; 1.22)	1.2E-01
cg27096172	PTPRN2	chr7	Body	0.75	(0.51; 1.08)	1.2E-01
cg22953510	ZBTB20	chr3	5'UTR	0.78	(0.57; 1.07)	1.2E-01
cg22953510	ZBTB20	chr3	Body	0.78	(0.57; 1.07)	1.2E-01
cg06148656	FBXO38	chr5	Body	1.42	(0.91; 2.22)	1.2E-01
cg26577729	TNRC18	chr7	5'UTR	1.3	(0.93; 1.81)	1.2E-01
cg18090200	PTPRN2	chr7	Body	0.68	(0.41; 1.11)	1.2E-01
cg04239715	PTPRN2	chr7	Body	0.74	(0.51; 1.08)	1.2E-01
cg25300624	NDUFA9	chr12	Body	1.3	(0.93; 1.83)	1.2E-01
cg15796392	NOL4L	chr20	Body	1.38	(0.92; 2.09)	1.2E-01
cg20757010	TAOK3	chr12	5'UTR	1.47	(0.9; 2.38)	1.2E-01
cg23594135	SGIP1	chr1	Body	1.32	(0.93; 1.89)	1.2E-01
cg11288769	MEIS2	chr15	Body	0.78	(0.57; 1.07)	1.2E-01
cg02729261	DCUN1D4	chr4	Body	1.29	(0.93; 1.78)	1.2E-01
cg01303998	SRSF10	chr1	Body	0.75	(0.53; 1.08)	1.2E-01
cg01303998	SRSF10	chr1	3'UTR	0.75	(0.53; 1.08)	1.2E-01
cg15820033	PTPRS	chr19	Body	0.77	(0.55; 1.08)	1.2E-01
cg27456111	NRXN1	chr2	Body	0.75	(0.51; 1.08)	1.2E-01
cg08079693	CHD6	chr20	5'UTR	1.28	(0.93; 1.76)	1.2E-01
cg08079693	CHD6	chr20	1stExon	1.28	(0.93; 1.76)	1.2E-01
cg03347095	PTPRN2	chr7	Body	1.26	(0.94; 1.7)	1.2E-01
cg15983544	TDRP	chr8	3'UTR	0.78	(0.56; 1.07)	1.2E-01
cg14947789	FBXO34	chr14	TSS1500	0.77	(0.56; 1.07)	1.2E-01
cg14947789	FBXO34	chr14	5'UTR	0.77	(0.56; 1.07)	1.2E-01
cg22765612	PTPRS	chr19	Body	1.41	(0.91; 2.18)	1.2E-01
cg21009420	CNTNAP2	chr7	Body	1.32	(0.93; 1.87)	1.2E-01
cg26758209	NRXN1	chr2	Body	0.73	(0.49; 1.09)	1.2E-01
cg05665383	PTPRN2	chr7	Body	1.32	(0.93; 1.87)	1.3E-01
cg27363021	DACH1	chr13	Body	1.45	(0.9; 2.34)	1.3E-01
cg05894462	PTPRN2	chr7	Body	1.3	(0.93; 1.81)	1.3E-01
cg07580615	FBXO36	chr2	Body	1.36	(0.92; 2.01)	1.3E-01
cg12161625	TNRC18	chr7	Body	0.75	(0.52; 1.08)	1.3E-01
cg26640919	ORC4	chr2	5'UTR	0.79	(0.58; 1.07)	1.3E-01
cg26640919	MBD5	chr2	TSS1500	0.79	(0.58; 1.07)	1.3E-01
cg07371838	GOLT1B	chr12	Body	0.76	(0.54; 1.08)	1.3E-01
cg15986307	GNA12	chr7	Body	0.76	(0.53; 1.08)	1.3E-01
cg27142179	CPEB1	chr15	TSS1500	1.4	(0.91; 2.16)	1.3E-01
cg02004860	AKAP13	chr15	Body	0.68	(0.41; 1.11)	1.3E-01
cg09417971	TNFRSF10D	chr8	Body	0.76	(0.54; 1.08)	1.3E-01
cg09417971	TNFRSF10D	chr8	ExonBnd	0.76	(0.54; 1.08)	1.3E-01
cg19110349	NRXN1	chr2	Body	0.77	(0.56; 1.07)	1.3E-01
cg07877559	CTNND2	chr5	Body	0.78	(0.56; 1.07)	1.3E-01
cg25120425	PTPRN2	chr7	Body	0.78	(0.57; 1.07)	1.3E-01
cg18123086	FBXO31	chr16	TSS200	0.77	(0.54; 1.08)	1.3E-01
cg18123086	FBXO31	chr16	5'UTR	0.77	(0.54; 1.08)	1.3E-01
cg14157417	PTPRN2	chr7	Body	0.76	(0.54; 1.08)	1.3E-01
cg25903223	PTPRN2	chr7	Body	0.78	(0.56; 1.07)	1.3E-01
cg23965061	TNFRSF10C	chr8	5'UTR	0.75	(0.52; 1.08)	1.3E-01
cg23965061	TNFRSF10C	chr8	1stExon	0.75	(0.52; 1.08)	1.3E-01
cg13077366	BRUNOL4	chr18	Body	1.25	(0.94; 1.68)	1.3E-01
cg23517301	TNR	chr1	5'UTR	0.69	(0.43; 1.11)	1.3E-01
cg13142093	PTPRN2	chr7	Body	0.77	(0.55; 1.08)	1.3E-01
cg22612330	ZBTB20	chr3	5'UTR	1.29	(0.93; 1.79)	1.3E-01
cg00016814	CNTNAP2	chr7	Body	1.44	(0.9; 2.31)	1.3E-01
cg11427314	PTPRN2	chr7	Body	0.77	(0.55; 1.08)	1.3E-01
cg17670650	PTPRU	chr1	Body	1.33	(0.92; 1.93)	1.3E-01
cg05494565	CDH13	chr16	Body	1.4	(0.91; 2.16)	1.3E-01
cg27143007	PTPRN2	chr7	Body	1.24	(0.94; 1.65)	1.3E-01

cg25723910	<i>DDHD2</i>	chr8	Body	1.32	(0.92; 1.9)	1.3E-01
cg02556360	<i>TNRC18</i>	chr7	Body	0.77	(0.56; 1.08)	1.3E-01
cg26489427	<i>NRXN1</i>	chr2	Body	0.74	(0.5; 1.09)	1.3E-01
cg13386839	<i>TNFRSF1B</i>	chr1	Body	0.74	(0.5; 1.09)	1.3E-01
cg08036772	<i>CTNND2</i>	chr5	Body	1.33	(0.92; 1.92)	1.3E-01
cg02073051	<i>PTPRN2</i>	chr7	Body	1.34	(0.92; 1.94)	1.3E-01
cg20095674	<i>UNC80</i>	chr2	Body	0.75	(0.52; 1.09)	1.3E-01
cg14519294	<i>CHFR</i>	chr12	TSS1500	1.38	(0.91; 2.09)	1.3E-01
cg14941895	<i>ZBTB20</i>	chr3	5'UTR	0.73	(0.49; 1.09)	1.3E-01
cg14941895	<i>ZBTB20</i>	chr3	Body	0.73	(0.49; 1.09)	1.3E-01
cg14069736	<i>RTN4R</i>	chr22	5'UTR	1.3	(0.93; 1.82)	1.3E-01
cg14069736	<i>RTN4R</i>	chr22	1stExon	1.3	(0.93; 1.82)	1.3E-01
cg15202874	<i>TENM2</i>	chr5	Body	0.66	(0.38; 1.13)	1.3E-01
cg23325999	<i>PTPRS</i>	chr19	Body	1.38	(0.91; 2.1)	1.3E-01
cg00841760	<i>PTPRN2</i>	chr7	Body	1.28	(0.93; 1.76)	1.3E-01
cg09941017	<i>PTPRN2</i>	chr7	Body	0.75	(0.52; 1.09)	1.3E-01
cg01151821	<i>FBXO32</i>	chr8	TSS1500	1.32	(0.92; 1.88)	1.3E-01
cg17899806	<i>RAP1B</i>	chr12	5'UTR	0.75	(0.52; 1.09)	1.3E-01
cg07073096	<i>GNA12</i>	chr7	Body	1.33	(0.92; 1.93)	1.3E-01
cg23987244	<i>PEX14</i>	chr1	Body	0.75	(0.51; 1.09)	1.3E-01
cg03180980	<i>CPEB1</i>	chr15	Body	1.34	(0.92; 1.97)	1.3E-01
cg03180980	<i>CPEB1</i>	chr15	TSS200	1.34	(0.92; 1.97)	1.3E-01
cg23548616	<i>CNTNAP2</i>	chr7	Body	0.67	(0.4; 1.12)	1.3E-01
cg16189113	<i>CDH13</i>	chr16	Body	0.77	(0.54; 1.08)	1.3E-01
cg03669936	<i>FBXO11</i>	chr2	ExonBnd	0.77	(0.54; 1.08)	1.3E-01
cg03669936	<i>FBXO11</i>	chr2	Body	0.77	(0.54; 1.08)	1.3E-01
cg10427027	<i>PTPRN2</i>	chr7	Body	0.72	(0.47; 1.1)	1.3E-01
cg17139864	<i>COL5A2</i>	chr2	Body	1.32	(0.92; 1.88)	1.3E-01
cg16671446	<i>CSMD2</i>	chr1	ExonBnd	1.31	(0.92; 1.86)	1.3E-01
cg16671446	<i>CSMD2</i>	chr1	Body	1.31	(0.92; 1.86)	1.3E-01
cg13939602	<i>CACNA1C</i>	chr12	Body	0.68	(0.41; 1.12)	1.3E-01
cg14178822	<i>SRSF10</i>	chr1	Body	1.39	(0.91; 2.14)	1.3E-01
cg23539966	<i>RTN4</i>	chr2	TSS1500	0.78	(0.57; 1.08)	1.3E-01
cg23539966	<i>RTN4</i>	chr2	1stExon	0.78	(0.57; 1.08)	1.3E-01
cg23539966	<i>RTN4</i>	chr2	5'UTR	0.78	(0.57; 1.08)	1.3E-01
cg21043886	<i>NOL4L</i>	chr20	Body	0.78	(0.56; 1.08)	1.3E-01
cg15792338	<i>TSHZ3</i>	chr19	TSS1500	1.65	(0.86; 3.16)	1.3E-01
cg25943372	<i>BRUNOL4</i>	chr18	Body	0.71	(0.46; 1.1)	1.3E-01
cg24120297	<i>DACH1</i>	chr13	Body	0.78	(0.57; 1.08)	1.3E-01
cg00414136	<i>SUGCT</i>	chr7	Body	1.3	(0.93; 1.81)	1.3E-01
cg08141629	<i>AKAP13</i>	chr15	Body	0.76	(0.54; 1.08)	1.3E-01
cg05160295	<i>CTDSP2</i>	chr12	Body	1.35	(0.91; 1.99)	1.3E-01
cg02641990	<i>SGIP1</i>	chr1	5'UTR	0.61	(0.32; 1.16)	1.3E-01
cg02641990	<i>SGIP1</i>	chr1	1stExon	0.61	(0.32; 1.16)	1.3E-01
cg05706373	<i>PDE8A</i>	chr15	Body	1.3	(0.92; 1.83)	1.3E-01
cg23069036	<i>FBXO33</i>	chr14	TSS1500	0.78	(0.57; 1.07)	1.3E-01
cg26085328	<i>PTPRN2</i>	chr7	Body	1.3	(0.92; 1.83)	1.3E-01
cg23058673	<i>TNRC18</i>	chr7	Body	1.39	(0.91; 2.14)	1.3E-01
cg12176612	<i>TAOK3</i>	chr12	5'UTR	1.33	(0.92; 1.94)	1.3E-01
cg01273679	<i>BRUNOL4</i>	chr18	TSS1500	1.28	(0.93; 1.77)	1.3E-01
cg25706530	<i>NOL4</i>	chr18	Body	1.54	(0.88; 2.69)	1.3E-01
cg25706530	<i>NOL4</i>	chr18	TSS200	1.54	(0.88; 2.69)	1.3E-01
cg15559898	<i>MTNR1B</i>	chr11	Body	1.34	(0.92; 1.96)	1.3E-01
cg22071344	<i>FBXO11</i>	chr2	TSS200	0.79	(0.58; 1.07)	1.3E-01
cg16902746	<i>PTPRS</i>	chr19	5'UTR	1.31	(0.92; 1.87)	1.3E-01
cg23604194	<i>ZBTB20</i>	chr3	TSS1500	0.78	(0.56; 1.08)	1.3E-01
cg23604194	<i>ZBTB20</i>	chr3	Body	0.78	(0.56; 1.08)	1.3E-01
cg23604194	<i>ZBTB20</i>	chr3	5'UTR	0.78	(0.56; 1.08)	1.3E-01
cg04977618	<i>CDH11</i>	chr16	5'UTR	0.75	(0.51; 1.09)	1.3E-01
cg25522880	<i>TDRP</i>	chr8	Body	0.77	(0.54; 1.08)	1.3E-01
cg00626749	<i>CCDC80</i>	chr3	Body	1.29	(0.93; 1.78)	1.3E-01

cg15694520	<i>ATF7IP</i>	chr12	Body	0.75	(0.52; 1.09)	1.3E-01
cg19686543	<i>CNTNAP2</i>	chr7	Body	0.71	(0.45; 1.11)	1.3E-01
cg25901559	<i>PTPRN2</i>	chr7	Body	1.33	(0.92; 1.92)	1.3E-01
cg18239337	<i>ALCAM</i>	chr3	TSS200	0.79	(0.59; 1.07)	1.3E-01
cg25821143	<i>PTPRN2</i>	chr7	Body	0.81	(0.61; 1.07)	1.3E-01
cg19767969	<i>CPEB1</i>	chr15	TSS200	0.78	(0.57; 1.08)	1.3E-01
cg19767969	<i>CPEB1</i>	chr15	TSS1500	0.78	(0.57; 1.08)	1.3E-01
cg19708124	<i>NOL4L</i>	chr20	Body	1.3	(0.92; 1.82)	1.3E-01
cg04591012	<i>UBE2E2</i>	chr3	Body	0.76	(0.53; 1.09)	1.3E-01
cg08538538	<i>SUGCT</i>	chr7	Body	0.71	(0.45; 1.11)	1.3E-01
cg21534788	<i>PEX14</i>	chr1	Body	0.78	(0.57; 1.08)	1.3E-01
cg16829834	<i>CSMD2</i>	chr1	Body	1.71	(0.85; 3.46)	1.3E-01
cg00102711	<i>CSMD2</i>	chr1	Body	0.74	(0.5; 1.1)	1.3E-01
cg02007867	<i>PTPRN2</i>	chr7	Body	0.78	(0.57; 1.08)	1.3E-01
cg13736939	<i>PTPRN2</i>	chr7	Body	0.53	(0.23; 1.21)	1.3E-01
cg06757951	<i>WVOX</i>	chr16	Body	0.78	(0.56; 1.08)	1.3E-01
cg08514594	<i>PTPRN2</i>	chr7	Body	0.76	(0.53; 1.09)	1.3E-01
cg17408686	<i>CHCHD6</i>	chr3	TSS1500	1.3	(0.92; 1.82)	1.3E-01
cg15436936	<i>SCAF8</i>	chr6	Body	1.34	(0.91; 1.97)	1.3E-01
cg27188079	<i>RNU5E-1</i>	chr5	Body	1.38	(0.91; 2.1)	1.3E-01
cg22005389	<i>PHACTR1</i>	chr6	Body	0.79	(0.57; 1.08)	1.3E-01
cg01468539	<i>ATF7</i>	chr12	5'UTR	0.78	(0.57; 1.08)	1.3E-01
cg01468539	<i>ATF7</i>	chr12	TSS200	0.78	(0.57; 1.08)	1.3E-01
cg01468539	<i>ATF7</i>	chr12	Body	0.78	(0.57; 1.08)	1.3E-01
cg21151057	<i>PTPRN2</i>	chr7	Body	0.75	(0.51; 1.09)	1.3E-01
cg02794920	<i>UBE2E2</i>	chr3	TSS1500	0.77	(0.55; 1.08)	1.3E-01
cg10563213	<i>TENM2</i>	chr5	Body	1.37	(0.91; 2.07)	1.3E-01
cg09657673	<i>TNRC6A</i>	chr16	Body	1.28	(0.93; 1.77)	1.3E-01
cg12105873	<i>MEIS2</i>	chr15	Body	1.37	(0.91; 2.07)	1.3E-01
cg07888234	<i>TNFRSF11A</i>	chr18	TSS1500	1.36	(0.91; 2.04)	1.3E-01
cg25309588	<i>ATP8A1</i>	chr4	TSS1500	0.73	(0.48; 1.1)	1.3E-01
cg08111661	<i>CACNA1C</i>	chr12	Body	0.69	(0.42; 1.12)	1.3E-01
cg09880724	<i>FBXO31</i>	chr16	Body	1.32	(0.92; 1.91)	1.3E-01
cg01053405	<i>TNRC6A</i>	chr16	Body	1.38	(0.91; 2.1)	1.3E-01
cg24422198	<i>TNFRSF11A</i>	chr18	TSS200	1.33	(0.92; 1.93)	1.4E-01
cg16560077	<i>CREBBP</i>	chr16	Body	1.31	(0.92; 1.87)	1.4E-01
cg09452312	<i>WVOX</i>	chr16	Body	1.47	(0.89; 2.42)	1.4E-01
cg17360832	<i>PTPRN2</i>	chr7	Body	0.77	(0.55; 1.08)	1.4E-01
cg03142258	<i>CDH13</i>	chr16	Body	1.34	(0.91; 1.96)	1.4E-01
cg10495227	<i>CDH13</i>	chr16	Body	0.77	(0.55; 1.08)	1.4E-01
cg07545903	<i>PTPRN2</i>	chr7	Body	0.79	(0.58; 1.08)	1.4E-01
cg05921232	<i>CNTF</i>	chr11	TSS200	0.76	(0.52; 1.09)	1.4E-01
cg26046284	<i>TENM2</i>	chr5	Body	0.81	(0.61; 1.07)	1.4E-01
cg15819136	<i>TAOK3</i>	chr12	Body	1.29	(0.92; 1.79)	1.4E-01
cg00093930	<i>PTPRU</i>	chr1	Body	1.31	(0.92; 1.88)	1.4E-01
cg25352747	<i>ATF7</i>	chr12	Body	1.57	(0.87; 2.83)	1.4E-01
cg04933438	<i>WVOX</i>	chr16	Body	1.28	(0.92; 1.77)	1.4E-01
cg08993957	<i>TNRC6B</i>	chr22	5'UTR	1.29	(0.92; 1.81)	1.4E-01
cg20648350	<i>TNRC6B</i>	chr22	3'UTR	1.46	(0.89; 2.4)	1.4E-01
cg10011537	<i>PTPRN2</i>	chr7	Body	0.75	(0.51; 1.1)	1.4E-01
cg26107538	<i>CNTNAP2</i>	chr7	Body	1.32	(0.92; 1.9)	1.4E-01
cg25207738	<i>DNAI2</i>	chr17	Body	0.75	(0.52; 1.09)	1.4E-01
cg27090216	<i>TNFRSF10C</i>	chr8	5'UTR	0.75	(0.52; 1.09)	1.4E-01
cg27090216	<i>TNFRSF10C</i>	chr8	1stExon	0.75	(0.52; 1.09)	1.4E-01
cg14099285	<i>NRXN1</i>	chr2	Body	1.32	(0.92; 1.91)	1.4E-01
cg08418872	<i>TNFRSF1A</i>	chr12	Body	0.67	(0.39; 1.14)	1.4E-01
cg23287229	<i>FBXO32</i>	chr8	Body	0.78	(0.56; 1.08)	1.4E-01
cg25814236	<i>TENM2</i>	chr5	Body	1.35	(0.91; 1.99)	1.4E-01
cg01014190	<i>NRXN1</i>	chr2	Body	0.7	(0.44; 1.12)	1.4E-01
cg14708628	<i>TNR</i>	chr1	TSS1500	0.77	(0.55; 1.09)	1.4E-01
cg14508021	<i>AKAP13</i>	chr15	5'UTR	1.47	(0.89; 2.43)	1.4E-01

cg02972093	<i>PTPRU</i>	chr1	Body	0.77	(0.55; 1.09)	1.4E-01
cg11201273	<i>DDHD2</i>	chr8	TSS1500	1.29	(0.92; 1.81)	1.4E-01
cg11201273	<i>DDHD2</i>	chr8	TSS200	1.29	(0.92; 1.81)	1.4E-01
cg00512563	<i>FBXO31</i>	chr16	Body	1.28	(0.92; 1.78)	1.4E-01
cg23914388	<i>RTN4RL1</i>	chr17	TSS1500	1.57	(0.87; 2.83)	1.4E-01
cg04299135	<i>BARX2</i>	chr11	TSS1500	0.78	(0.56; 1.08)	1.4E-01
cg27649764	<i>CTDSPL2</i>	chr15	TSS1500	1.3	(0.92; 1.84)	1.4E-01
cg03097745	<i>TDRP</i>	chr8	Body	1.29	(0.92; 1.8)	1.4E-01
cg12247403	<i>PTPRS</i>	chr19	5'UTR	1.26	(0.93; 1.72)	1.4E-01
cg20505332	<i>UBE2E2</i>	chr3	Body	0.77	(0.54; 1.09)	1.4E-01
cg01372107	<i>PTPRN2</i>	chr7	Body	0.78	(0.55; 1.09)	1.4E-01
cg00541104	<i>PTPRN2</i>	chr7	Body	1.28	(0.92; 1.77)	1.4E-01
cg02724025	<i>CDH11</i>	chr16	Body	0.77	(0.55; 1.09)	1.4E-01
cg06234781	<i>CREBBP</i>	chr16	Body	1.4	(0.9; 2.18)	1.4E-01
cg08763924	<i>PTPRN2</i>	chr7	Body	1.27	(0.93; 1.74)	1.4E-01
cg15090337	<i>NOL4L</i>	chr20	Body	1.32	(0.91; 1.92)	1.4E-01
cg26758826	<i>TENM2</i>	chr5	Body	1.44	(0.89; 2.35)	1.4E-01
cg05791779	<i>CHCHD6</i>	chr3	Body	0.75	(0.51; 1.1)	1.4E-01
cg15363349	<i>TNFRSF11A</i>	chr18	TSS200	1.27	(0.93; 1.74)	1.4E-01
cg12072376	<i>TNRC6C</i>	chr17	5'UTR	0.77	(0.55; 1.09)	1.4E-01
cg18273464	<i>TNRC18</i>	chr7	Body	1.3	(0.92; 1.85)	1.4E-01
cg09930565	<i>CTNND2</i>	chr5	Body	1.32	(0.91; 1.91)	1.4E-01
cg05913555	<i>PTPRN2</i>	chr7	Body	0.77	(0.55; 1.09)	1.4E-01
cg05554406	<i>GNA12</i>	chr7	Body	1.25	(0.93; 1.67)	1.4E-01
cg21316960	<i>ZBTB20</i>	chr3	Body	1.34	(0.91; 1.99)	1.4E-01
cg21316960	<i>ZBTB20</i>	chr3	5'UTR	1.34	(0.91; 1.99)	1.4E-01
cg03383553	<i>TNRC18</i>	chr7	Body	1.26	(0.93; 1.71)	1.4E-01
cg23618588	<i>PTPRN2</i>	chr7	Body	0.67	(0.39; 1.14)	1.4E-01
cg16971599	<i>TNFRSF1A</i>	chr12	3'UTR	1.27	(0.92; 1.74)	1.4E-01
cg18424101	<i>PTPRN2</i>	chr7	Body	1.28	(0.92; 1.78)	1.4E-01
cg20717798	<i>PTPRN2</i>	chr7	Body	0.8	(0.6; 1.08)	1.4E-01
cg24637276	<i>TNFRSF10B</i>	chr8	Body	1.32	(0.91; 1.9)	1.4E-01
cg26847810	<i>TNRC18</i>	chr7	Body	0.68	(0.41; 1.14)	1.4E-01
cg08707253	<i>ATF7</i>	chr12	Body	1.3	(0.92; 1.83)	1.4E-01
cg10364362	<i>WWOX</i>	chr16	Body	0.74	(0.5; 1.1)	1.4E-01
cg11900120	<i>PTPRN2</i>	chr7	Body	1.35	(0.91; 2.01)	1.4E-01
cg17279942	<i>CUX2</i>	chr12	Body	1.31	(0.91; 1.87)	1.4E-01
cg04303033	<i>PTPRN2</i>	chr7	Body	1.36	(0.9; 2.04)	1.4E-01
cg11747820	<i>PTPRU</i>	chr1	Body	0.76	(0.52; 1.1)	1.4E-01
cg07077705	<i>CREBBP</i>	chr16	Body	0.79	(0.58; 1.08)	1.4E-01
cg09416903	<i>SUSD4</i>	chr1	Body	1.37	(0.9; 2.1)	1.4E-01
cg01637551	<i>CACNA1C</i>	chr12	TSS1500	1.33	(0.91; 1.95)	1.4E-01
cg16517753	<i>TNR</i>	chr1	3'UTR	1.41	(0.89; 2.23)	1.4E-01
cg27073206	<i>NOL4L</i>	chr20	Body	1.26	(0.93; 1.71)	1.4E-01
cg03824573	<i>CACNA1C</i>	chr12	Body	1.28	(0.92; 1.78)	1.4E-01
cg13816552	<i>PTPRN2</i>	chr7	Body	1.26	(0.93; 1.71)	1.4E-01
cg22750483	<i>TNFRSF11B</i>	chr8	5'UTR	0.77	(0.55; 1.09)	1.4E-01
cg22750483	<i>TNFRSF11B</i>	chr8	1stExon	0.77	(0.55; 1.09)	1.4E-01
cg23989770	<i>ATP8A1</i>	chr4	Body	0.79	(0.57; 1.09)	1.4E-01
cg25497530	<i>PTPRN2</i>	chr7	Body	0.78	(0.57; 1.09)	1.4E-01
cg18753811	<i>CACNA1C</i>	chr12	TSS200	0.77	(0.54; 1.09)	1.4E-01
cg01405767	<i>RECQL5</i>	chr17	Body	1.39	(0.89; 2.15)	1.4E-01
cg24776343	<i>TNFRSF19</i>	chr13	Body	0.77	(0.54; 1.09)	1.4E-01
cg21984889	<i>PTPRS</i>	chr19	5'UTR	1.4	(0.89; 2.21)	1.4E-01
cg03247739	<i>CREBBP</i>	chr16	Body	1.38	(0.9; 2.12)	1.4E-01
cg15139644	<i>BRUNOL4</i>	chr18	Body	0.75	(0.51; 1.1)	1.4E-01
cg07838035	<i>SUSD4</i>	chr1	Body	0.6	(0.3; 1.19)	1.4E-01
cg03170878	<i>PTPRN2</i>	chr7	Body	0.78	(0.55; 1.09)	1.4E-01
cg05088120	<i>PTPRN2</i>	chr7	Body	0.77	(0.54; 1.1)	1.4E-01
cg14306578	<i>TNFRSF10B</i>	chr8	Body	1.31	(0.91; 1.9)	1.4E-01
cg14306578	<i>TNFRSF10B</i>	chr8	ExonBnd	1.31	(0.91; 1.9)	1.4E-01

cg08310756	WWOX	chr16	Body	1.37	(0.9; 2.08)	1.4E-01
cg11154070	BRUNOL4	chr18	1stExon	0.74	(0.5; 1.11)	1.4E-01
cg11154070	BRUNOL4	chr18	5'UTR	0.74	(0.5; 1.11)	1.4E-01
cg16975584	CNTNAP2	chr7	Body	0.77	(0.55; 1.09)	1.5E-01
cg18257541	UBE2E2	chr3	TSS1500	0.65	(0.37; 1.16)	1.5E-01
cg22572820	CHCHD6	chr3	Body	0.76	(0.53; 1.1)	1.5E-01
cg06508056	CNTNAP2	chr7	Body	1.43	(0.88; 2.33)	1.5E-01
cg11187662	TNRC18	chr7	Body	0.8	(0.59; 1.08)	1.5E-01
cg09484322	ZBTB20	chr3	5'UTR	0.76	(0.52; 1.1)	1.5E-01
cg05705615	TNRC18	chr7	Body	1.29	(0.91; 1.82)	1.5E-01
cg06934974	PTPRN2	chr7	Body	1.28	(0.92; 1.78)	1.5E-01
cg02838736	PEX14	chr1	Body	0.78	(0.56; 1.09)	1.5E-01
cg13347071	UNC80	chr2	5'UTR	0.69	(0.42; 1.14)	1.5E-01
cg13347071	UNC80	chr2	1stExon	0.69	(0.42; 1.14)	1.5E-01
cg17293641	TNFRSF11B	chr8	5'UTR	0.75	(0.51; 1.1)	1.5E-01
cg17293641	TNFRSF11B	chr8	1stExon	0.75	(0.51; 1.1)	1.5E-01
cg12350036	CREBBP	chr16	Body	1.46	(0.87; 2.45)	1.5E-01
cg26394233	PTPRN2	chr7	Body	1.25	(0.92; 1.7)	1.5E-01
cg04396360	PEX14	chr1	Body	1.25	(0.93; 1.68)	1.5E-01
cg01435313	CSMD2	chr1	Body	0.79	(0.57; 1.09)	1.5E-01
cg24287125	CACNA1C	chr12	Body	1.33	(0.9; 1.96)	1.5E-01
cg15784881	CREBBP	chr16	Body	0.77	(0.54; 1.1)	1.5E-01
cg23202949	FBXO32	chr8	Body	1.4	(0.89; 2.19)	1.5E-01
cg20262857	ZNF704	chr8	Body	0.58	(0.27; 1.22)	1.5E-01
cg08143003	ALCAM	chr3	5'UTR	0.81	(0.6; 1.08)	1.5E-01
cg08143003	ALCAM	chr3	1stExon	0.81	(0.6; 1.08)	1.5E-01
cg19446817	CSMD2	chr1	Body	1.27	(0.92; 1.76)	1.5E-01
cg20702204	CHFR	chr12	Body	1.25	(0.92; 1.69)	1.5E-01
cg19622597	ZBTB20	chr3	Body	0.79	(0.58; 1.09)	1.5E-01
cg12600749	PTPRN2	chr7	Body	1.34	(0.9; 2)	1.5E-01
cg07783094	PTPRN2	chr7	Body	1.27	(0.92; 1.76)	1.5E-01
cg08123816	PDE8A	chr15	Body	0.68	(0.4; 1.15)	1.5E-01
ch.16.1914550R	CDH13	chr16	Body	0.77	(0.55; 1.1)	1.5E-01
cg26410484	CHFR	chr12	TSS1500	1.31	(0.91; 1.91)	1.5E-01
cg16303353	CACNA1C	chr12	Body	0.46	(0.16; 1.33)	1.5E-01
cg19901889	RAP1B	chr12	5'UTR	0.77	(0.54; 1.1)	1.5E-01
cg19901889	RAP1B	chr12	1stExon	0.77	(0.54; 1.1)	1.5E-01
cg23076878	CACNA1C	chr12	Body	0.75	(0.51; 1.11)	1.5E-01
cg17268775	CHFR	chr12	Body	0.8	(0.59; 1.09)	1.5E-01
cg14100977	PTPRN2	chr7	Body	1.38	(0.89; 2.13)	1.5E-01
cg24776427	MEIS2	chr15	Body	0.76	(0.53; 1.1)	1.5E-01
cg04471888	CACNA1C	chr12	Body	1.35	(0.9; 2.03)	1.5E-01
cg19853833	BRUNOL4	chr18	TSS1500	0.74	(0.49; 1.12)	1.5E-01
cg19981243	ZBTB20	chr3	5'UTR	1.31	(0.91; 1.91)	1.5E-01
cg19981243	ZBTB20	chr3	TSS200	1.31	(0.91; 1.91)	1.5E-01
cg03945777	PTPRN2	chr7	Body	1.29	(0.91; 1.84)	1.5E-01
cg23801281	TDRP	chr8	Body	1.28	(0.91; 1.79)	1.5E-01
cg13686919	PTPRS	chr19	5'UTR	1.32	(0.9; 1.91)	1.5E-01
cg00703798	DACH1	chr13	Body	0.73	(0.48; 1.12)	1.5E-01
cg20571958	TNR	chr1	5'UTR	0.72	(0.45; 1.13)	1.5E-01
cg11308991	NOL4L	chr20	Body	0.79	(0.58; 1.09)	1.5E-01
cg19731401	GNA12	chr7	Body	0.76	(0.52; 1.11)	1.5E-01
cg04733367	WWOX	chr16	Body	1.26	(0.92; 1.73)	1.5E-01
cg03317987	SUSD4	chr1	Body	1.3	(0.91; 1.86)	1.5E-01
cg11226403	PTPRS	chr19	Body	1.32	(0.9; 1.95)	1.5E-01
cg07901851	SMARCD3	chr7	TSS200	1.34	(0.9; 2.02)	1.5E-01
cg07901851	SMARCD3	chr7	TSS1500	1.34	(0.9; 2.02)	1.5E-01
cg22232120	WAC	chr10	TSS1500	0.76	(0.52; 1.11)	1.5E-01
cg22232120	WAC	chr10	5'UTR	0.76	(0.52; 1.11)	1.5E-01
cg26084603	SUGCT	chr7	Body	0.76	(0.53; 1.1)	1.5E-01
cg09904539	CPEB1	chr15	Body	1.42	(0.88; 2.28)	1.5E-01

cg09904539	<i>CPEB1</i>	chr15	5'UTR	1.42	(0.88; 2.28)	1.5E-01
cg09466348	<i>NOL4L</i>	chr20	Body	0.72	(0.45; 1.13)	1.5E-01
cg09466348	<i>NOL4L</i>	chr20	5'UTR	0.72	(0.45; 1.13)	1.5E-01
cg27147846	<i>WVOX</i>	chr16	Body	0.78	(0.55; 1.1)	1.5E-01
cg13982612	<i>PTPRN2</i>	chr7	Body	0.78	(0.55; 1.1)	1.5E-01
cg02512806	<i>CREBBP</i>	chr16	3'UTR	1.34	(0.9; 1.99)	1.5E-01
cg00635075	<i>AKAP13</i>	chr15	Body	1.32	(0.9; 1.95)	1.5E-01
cg21926033	<i>PTPRN2</i>	chr7	Body	1.35	(0.9; 2.02)	1.5E-01
cg15961780	<i>AKAP13</i>	chr15	Body	1.27	(0.91; 1.77)	1.5E-01
cg14086078	<i>ATF7IP</i>	chr12	Body	1.37	(0.89; 2.11)	1.5E-01
cg14863485	<i>NDUFA9</i>	chr12	Body	1.33	(0.9; 1.96)	1.5E-01
cg15684231	<i>PTPRN2</i>	chr7	Body	0.7	(0.42; 1.14)	1.5E-01
cg26238057	<i>TENM2</i>	chr5	Body	0.76	(0.52; 1.11)	1.5E-01
cg12761046	<i>AKAP13</i>	chr15	Body	1.54	(0.85; 2.77)	1.5E-01
cg27558095	<i>SGIP1</i>	chr1	TSS1500	1.4	(0.88; 2.23)	1.5E-01
cg04954894	<i>DDHD2</i>	chr8	5'UTR	0.77	(0.54; 1.1)	1.5E-01
cg18675899	<i>TENM2</i>	chr5	Body	1.32	(0.9; 1.94)	1.5E-01
cg17080902	<i>DMXL2</i>	chr15	Body	0.71	(0.44; 1.14)	1.5E-01
cg12393104	<i>RTN4R</i>	chr22	Body	1.36	(0.89; 2.08)	1.5E-01
cg13331610	<i>FSTL1</i>	chr3	Body	1.53	(0.85; 2.76)	1.5E-01
cg03515663	<i>PTPRN2</i>	chr7	Body	0.73	(0.48; 1.12)	1.5E-01
cg12749729	<i>ATF7IP</i>	chr12	5'UTR	1.34	(0.9; 2.01)	1.5E-01
cg12749729	<i>ATF7IP</i>	chr12	TSS1500	1.34	(0.9; 2.01)	1.5E-01
cg06722216	<i>NOL4</i>	chr18	1stExon	1.4	(0.88; 2.23)	1.5E-01
cg08165078	<i>CACNA1C</i>	chr12	Body	1.47	(0.86; 2.51)	1.5E-01
cg05388548	<i>PHACTR1</i>	chr6	Body	1.28	(0.91; 1.8)	1.5E-01
cg00872170	<i>PTPRN2</i>	chr7	Body	0.8	(0.6; 1.09)	1.5E-01
cg06098639	<i>NDUFA9</i>	chr12	Body	1.31	(0.9; 1.89)	1.5E-01
cg10626803	<i>PTPRN2</i>	chr7	Body	1.27	(0.91; 1.78)	1.5E-01
cg23932711	<i>PTPRN2</i>	chr7	Body	0.81	(0.61; 1.08)	1.5E-01
cg07256199	<i>POU2F1</i>	chr1	Body	1.37	(0.89; 2.1)	1.5E-01
cg00931972	<i>WVOX</i>	chr16	Body	0.81	(0.6; 1.09)	1.5E-01
cg07402808	<i>PTPRN2</i>	chr7	Body	1.29	(0.91; 1.84)	1.6E-01
cg00997976	<i>FSTL1</i>	chr3	5'UTR	0.8	(0.59; 1.09)	1.6E-01
cg00997976	<i>FSTL1</i>	chr3	1stExon	0.8	(0.59; 1.09)	1.6E-01
cg02150961	<i>TAOK3</i>	chr12	Body	1.25	(0.92; 1.71)	1.6E-01
cg17084390	<i>ATP8A1</i>	chr4	Body	1.32	(0.9; 1.93)	1.6E-01
cg16232391	<i>SUGCT</i>	chr7	Body	1.29	(0.91; 1.84)	1.6E-01
cg27445072	<i>CDH13</i>	chr16	Body	0.79	(0.56; 1.1)	1.6E-01
cg01936090	<i>CEP350</i>	chr1	TSS200	0.79	(0.57; 1.09)	1.6E-01
cg01608683	<i>NOL4L</i>	chr20	Body	2.04	(0.76; 5.48)	1.6E-01
cg05490423	<i>WVOX</i>	chr16	Body	0.8	(0.58; 1.09)	1.6E-01
cg00294419	<i>UBE2E2</i>	chr3	TSS200	0.75	(0.5; 1.12)	1.6E-01
cg13181950	<i>CTNND2</i>	chr5	Body	1.26	(0.91; 1.75)	1.6E-01
cg13181950	<i>CTNND2</i>	chr5	5'UTR	1.26	(0.91; 1.75)	1.6E-01
cg08893585	<i>BARX2</i>	chr11	TSS1500	0.79	(0.57; 1.09)	1.6E-01
cg18542613	<i>DACH1</i>	chr13	Body	0.73	(0.47; 1.13)	1.6E-01
cg12510614	<i>PTPRN2</i>	chr7	Body	1.25	(0.92; 1.69)	1.6E-01
cg08884588	<i>CSMD2</i>	chr1	Body	0.69	(0.41; 1.16)	1.6E-01
cg15440158	<i>CNTNAP2</i>	chr7	Body	1.36	(0.89; 2.08)	1.6E-01
cg09943550	<i>CHFR</i>	chr12	Body	0.79	(0.57; 1.09)	1.6E-01
cg03301404	<i>PTPRN2</i>	chr7	Body	0.79	(0.57; 1.09)	1.6E-01
cg07803501	<i>AKAP13</i>	chr15	Body	0.78	(0.56; 1.1)	1.6E-01
cg07803501	<i>AKAP13</i>	chr15	TSS1500	0.78	(0.56; 1.1)	1.6E-01
cg01350636	<i>PHACTR1</i>	chr6	Body	1.28	(0.91; 1.79)	1.6E-01
cg09120938	<i>CHFR</i>	chr12	Body	1.39	(0.88; 2.18)	1.6E-01
cg11626857	<i>ZNF704</i>	chr8	Body	0.74	(0.49; 1.12)	1.6E-01
cg26137350	<i>COL5A2</i>	chr2	Body	1.28	(0.91; 1.81)	1.6E-01
cg19852147	<i>WVOX</i>	chr16	Body	0.73	(0.48; 1.13)	1.6E-01
cg13442689	<i>PTPRN2</i>	chr7	Body	1.26	(0.92; 1.72)	1.6E-01
cg12744979	<i>WVOX</i>	chr16	Body	0.64	(0.34; 1.19)	1.6E-01

cg24977670	<i>CTNND2</i>	chr5	Body	1.34	(0.89; 2)	1.6E-01
cg11199770	<i>TSHZ3</i>	chr19	TSS1500	1.32	(0.9; 1.93)	1.6E-01
cg10122553	<i>RTN4RL2</i>	chr11	TSS200	1.26	(0.91; 1.75)	1.6E-01
cg19568022	<i>AKAP13</i>	chr15	Body	0.77	(0.53; 1.11)	1.6E-01
cg19568022	<i>AKAP13</i>	chr15	TSS200	0.77	(0.53; 1.11)	1.6E-01
cg16733654	<i>PTPRS</i>	chr19	5'UTR	0.77	(0.54; 1.1)	1.6E-01
cg14962548	<i>TXNDC9</i>	chr2	1stExon	1.25	(0.92; 1.69)	1.6E-01
cg14962548	<i>TXNDC9</i>	chr2	5'UTR	1.25	(0.92; 1.69)	1.6E-01
cg01394138	<i>RECQL5</i>	chr17	TSS1500	1.22	(0.92; 1.62)	1.6E-01
cg19885224	<i>FBXO34</i>	chr14	5'UTR	1.36	(0.89; 2.09)	1.6E-01
cg14251555	<i>RECQL5</i>	chr17	TSS200	0.79	(0.57; 1.1)	1.6E-01
cg12430757	<i>CCDC80</i>	chr3	Body	1.35	(0.89; 2.06)	1.6E-01
cg25277638	<i>PTPRN2</i>	chr7	Body	0.78	(0.54; 1.1)	1.6E-01
cg06761921	<i>BRUNOL4</i>	chr18	1stExon	1.29	(0.91; 1.83)	1.6E-01
cg18134619	<i>ALCAM</i>	chr3	Body	1.35	(0.89; 2.05)	1.6E-01
cg21163617	<i>PTPRN2</i>	chr7	Body	1.29	(0.91; 1.84)	1.6E-01
cg16660359	<i>CREBBP</i>	chr16	Body	1.28	(0.91; 1.8)	1.6E-01
cg25902202	<i>CUX2</i>	chr12	Body	0.77	(0.54; 1.11)	1.6E-01
cg21723994	<i>ELAVL4</i>	chr1	Body	1.32	(0.9; 1.93)	1.6E-01
cg10175712	<i>UNC80</i>	chr2	Body	1.32	(0.9; 1.94)	1.6E-01
cg15959113	<i>TENM2</i>	chr5	Body	0.79	(0.57; 1.1)	1.6E-01
cg01115565	<i>PTPRU</i>	chr1	Body	0.78	(0.56; 1.1)	1.6E-01
cg12948116	<i>ATF7IP</i>	chr12	5'UTR	0.77	(0.53; 1.11)	1.6E-01
cg08799766	<i>GNA12</i>	chr7	Body	1.26	(0.91; 1.73)	1.6E-01
cg03338924	<i>PHACTR1</i>	chr6	Body	1.32	(0.9; 1.94)	1.6E-01
cg14905261	<i>TDRP</i>	chr8	TSS1500	0.8	(0.58; 1.09)	1.6E-01
cg14905261	<i>TDRP</i>	chr8	5'UTR	0.8	(0.58; 1.09)	1.6E-01
cg04733649	<i>ERI3</i>	chr1	Body	1.25	(0.92; 1.71)	1.6E-01
cg17495501	<i>CHD6</i>	chr20	Body	0.78	(0.56; 1.1)	1.6E-01
cg22578966	<i>PTPRN2</i>	chr7	Body	1.27	(0.91; 1.77)	1.6E-01
cg24743283	<i>GNA12</i>	chr7	TSS1500	1.27	(0.91; 1.77)	1.6E-01
cg17582545	<i>PTPRN2</i>	chr7	Body	1.24	(0.92; 1.67)	1.6E-01
cg03660162	<i>WVOX</i>	chr16	Body	1.23	(0.92; 1.64)	1.6E-01
cg21231189	<i>PTPRN2</i>	chr7	Body	1.25	(0.92; 1.71)	1.6E-01
cg03319337	<i>CTNND2</i>	chr5	Body	1.25	(0.92; 1.71)	1.6E-01
cg01690390	<i>NRXN1</i>	chr2	Body	1.26	(0.91; 1.75)	1.6E-01
cg04071758	<i>CREBBP</i>	chr16	3'UTR	0.77	(0.54; 1.11)	1.6E-01
cg05119810	<i>CHFR</i>	chr12	Body	1.25	(0.91; 1.72)	1.6E-01
cg19398794	<i>MEX3A</i>	chr1	1stExon	0.81	(0.6; 1.09)	1.6E-01
cg03802982	<i>CDH11</i>	chr16	5'UTR	0.78	(0.55; 1.1)	1.6E-01
cg06017944	<i>MEIS2</i>	chr15	Body	0.76	(0.52; 1.12)	1.6E-01
cg21755457	<i>ATF7</i>	chr12	TSS200	0.8	(0.58; 1.09)	1.6E-01
cg02304201	<i>ATP6V0C</i>	chr16	Body	0.82	(0.61; 1.08)	1.6E-01
cg18048949	<i>CHD6</i>	chr20	5'UTR	0.81	(0.61; 1.09)	1.6E-01
cg18048949	<i>CHD6</i>	chr20	1stExon	0.81	(0.61; 1.09)	1.6E-01
cg23419050	<i>NOL4</i>	chr18	Body	0.78	(0.55; 1.1)	1.6E-01
cg23419050	<i>NOL4</i>	chr18	TSS200	0.78	(0.55; 1.1)	1.6E-01
cg20827128	<i>PHACTR1</i>	chr6	Body	0.8	(0.58; 1.09)	1.6E-01
cg01776825	<i>CPEB1</i>	chr15	Body	1.27	(0.91; 1.79)	1.6E-01
cg07959864	<i>PTPRN2</i>	chr7	Body	0.77	(0.53; 1.11)	1.6E-01
cg27124598	<i>SMARCD3</i>	chr7	Body	1.28	(0.91; 1.8)	1.6E-01
cg04321470	<i>AKAP13</i>	chr15	Body	0.8	(0.58; 1.1)	1.6E-01
cg03717942	<i>ATF7</i>	chr12	TSS1500	1.36	(0.88; 2.09)	1.6E-01
cg03717942	<i>ATF7</i>	chr12	TSS200	1.36	(0.88; 2.09)	1.6E-01
cg02907102	<i>CUX2</i>	chr12	Body	1.42	(0.87; 2.32)	1.6E-01
cg06707406	<i>NRXN1</i>	chr2	Body	0.76	(0.52; 1.12)	1.6E-01
cg12398651	<i>RNU5E-1</i>	chr5	Body	0.79	(0.57; 1.1)	1.6E-01
cg21611461	<i>RNU5E-1</i>	chr5	Body	0.8	(0.58; 1.1)	1.6E-01
cg15727524	<i>PTPRN2</i>	chr7	Body	0.8	(0.58; 1.1)	1.6E-01
cg13401196	<i>PTPRN2</i>	chr7	Body	1.27	(0.91; 1.77)	1.6E-01
cg18499250	<i>CTDSPL</i>	chr3	Body	0.79	(0.57; 1.1)	1.6E-01

cg22087642	<i>PTPRN2</i>	chr7	Body	0.62	(0.31; 1.22)	1.6E-01
cg05224021	<i>CSMD2</i>	chr1	Body	1.29	(0.9; 1.83)	1.6E-01
cg24998459	<i>PTPRN2</i>	chr7	Body	0.79	(0.57; 1.1)	1.6E-01
cg26510975	<i>TNRC18</i>	chr7	3'UTR	0.8	(0.59; 1.09)	1.6E-01
cg08535112	<i>SLC16A9</i>	chr10	Body	0.69	(0.4; 1.17)	1.6E-01
cg21750545	<i>DCUN1D4</i>	chr4	1stExon	1.24	(0.92; 1.67)	1.6E-01
cg21750545	<i>DCUN1D4</i>	chr4	5'UTR	1.24	(0.92; 1.67)	1.6E-01
cg02301622	<i>WVOX</i>	chr16	Body	0.77	(0.53; 1.11)	1.6E-01
cg06612016	<i>PTPRN2</i>	chr7	Body	0.78	(0.55; 1.11)	1.6E-01
cg16903025	<i>FBXO32</i>	chr8	Body	0.73	(0.47; 1.14)	1.6E-01
cg08783300	<i>TNFRSF10C</i>	chr8	TSS200	1.32	(0.89; 1.96)	1.6E-01
cg02132593	<i>ZBTB20</i>	chr3	5'UTR	0.79	(0.57; 1.1)	1.6E-01
cg19406367	<i>SGIP1</i>	chr1	5'UTR	0.79	(0.56; 1.1)	1.6E-01
cg19406367	<i>SGIP1</i>	chr1	1stExon	0.79	(0.56; 1.1)	1.6E-01
cg18237446	<i>PTPRN2</i>	chr7	Body	0.82	(0.61; 1.09)	1.6E-01
cg04214710	<i>PTPRN2</i>	chr7	Body	1.26	(0.91; 1.76)	1.6E-01
cg19958653	<i>WVOX</i>	chr16	Body	1.27	(0.91; 1.78)	1.6E-01
cg08068659	<i>ERI3</i>	chr1	Body	1.26	(0.91; 1.74)	1.6E-01
cg16521917	<i>CNTNAP2</i>	chr7	5'UTR	0.69	(0.4; 1.17)	1.7E-01
cg16521917	<i>CNTNAP2</i>	chr7	1stExon	0.69	(0.4; 1.17)	1.7E-01
cg01068714	<i>FBXO31</i>	chr16	Body	0.79	(0.57; 1.1)	1.7E-01
cg02194882	<i>ZBTB20</i>	chr3	5'UTR	0.81	(0.6; 1.09)	1.7E-01
cg02194882	<i>ZBTB20</i>	chr3	Body	0.81	(0.6; 1.09)	1.7E-01
cg02194882	<i>ZBTB20</i>	chr3	TSS200	0.81	(0.6; 1.09)	1.7E-01
cg15408722	<i>PTPRN2</i>	chr7	Body	1.31	(0.89; 1.93)	1.7E-01
cg15284977	<i>BARX2</i>	chr11	Body	1.27	(0.91; 1.79)	1.7E-01
cg06750038	<i>FBXO31</i>	chr16	Body	0.79	(0.57; 1.1)	1.7E-01
cg22331825	<i>PTPRN2</i>	chr7	Body	1.28	(0.9; 1.8)	1.7E-01
cg24855446	<i>ALCAM</i>	chr3	Body	0.79	(0.56; 1.11)	1.7E-01
cg01879525	<i>ZBTB20</i>	chr3	Body	0.7	(0.43; 1.16)	1.7E-01
cg01879525	<i>ZBTB20</i>	chr3	5'UTR	0.7	(0.43; 1.16)	1.7E-01
cg22464182	<i>ACVR2A</i>	chr2	5'UTR	1.28	(0.9; 1.8)	1.7E-01
cg22464182	<i>ACVR2A</i>	chr2	1stExon	1.28	(0.9; 1.8)	1.7E-01
cg00771935	<i>FBXO31</i>	chr16	Body	1.28	(0.9; 1.8)	1.7E-01
cg02117685	<i>RECQL5</i>	chr17	Body	0.79	(0.57; 1.1)	1.7E-01
cg14779376	<i>PTPRN2</i>	chr7	Body	1.23	(0.92; 1.66)	1.7E-01
cg26140240	<i>PTPRN2</i>	chr7	Body	1.28	(0.9; 1.81)	1.7E-01
cg18504656	<i>DACH1</i>	chr13	Body	0.78	(0.55; 1.11)	1.7E-01
cg14404064	<i>DNAI2</i>	chr17	5'UTR	0.76	(0.51; 1.12)	1.7E-01
cg17540765	<i>RECQL5</i>	chr17	Body	0.78	(0.55; 1.11)	1.7E-01
cg02854791	<i>PTPRN2</i>	chr7	Body	1.25	(0.91; 1.72)	1.7E-01
cg18451156	<i>CHFR</i>	chr12	Body	0.77	(0.53; 1.12)	1.7E-01
cg11645141	<i>AKAP13</i>	chr15	Body	1.28	(0.9; 1.8)	1.7E-01
cg05874309	<i>CPEB1</i>	chr15	Body	1.23	(0.92; 1.66)	1.7E-01
cg15965891	<i>PTPRN2</i>	chr7	Body	0.73	(0.47; 1.14)	1.7E-01
cg04071872	<i>FBXO34</i>	chr14	TSS1500	0.76	(0.51; 1.12)	1.7E-01
cg09301410	<i>PTPRN2</i>	chr7	Body	1.29	(0.9; 1.84)	1.7E-01
cg09230507	<i>RTN4RL1</i>	chr17	Body	0.75	(0.5; 1.13)	1.7E-01
cg09607915	<i>FBXO11</i>	chr2	5'UTR	1.49	(0.85; 2.61)	1.7E-01
cg14720477	<i>TENM2</i>	chr5	Body	0.72	(0.46; 1.15)	1.7E-01
cg21182322	<i>POU2F1</i>	chr1	TSS1500	0.8	(0.59; 1.1)	1.7E-01
cg07895284	<i>TAOK3</i>	chr12	5'UTR	1.23	(0.92; 1.67)	1.7E-01
cg03561600	<i>WVOX</i>	chr16	Body	1.58	(0.82; 3.03)	1.7E-01
cg13382322	<i>BRUNOL4</i>	chr18	TSS1500	1.33	(0.89; 1.99)	1.7E-01
cg07055718	<i>HMGB4</i>	chr1	TSS1500	0.73	(0.47; 1.14)	1.7E-01
cg07055718	<i>CSMD2</i>	chr1	Body	0.73	(0.47; 1.14)	1.7E-01
cg21170961	<i>ZBTB20</i>	chr3	Body	1.36	(0.88; 2.12)	1.7E-01
cg21170961	<i>ZBTB20</i>	chr3	5'UTR	1.36	(0.88; 2.12)	1.7E-01
cg27119004	<i>FBXO31</i>	chr16	Body	1.27	(0.9; 1.78)	1.7E-01
cg05901462	<i>PTPRN2</i>	chr7	Body	0.79	(0.56; 1.11)	1.7E-01
cg22556505	<i>CNTNAP2</i>	chr7	Body	0.73	(0.47; 1.14)	1.7E-01

cg00056624	<i>CTDSPL</i>	chr3	TSS1500	0.8	(0.59; 1.1)	1.7E-01
cg08348475	<i>TNFRSF12A</i>	chr16	TSS1500	0.79	(0.56; 1.11)	1.7E-01
cg12802468	<i>PTPRN2</i>	chr7	Body	0.81	(0.59; 1.1)	1.7E-01
cg14597280	<i>PTPRN2</i>	chr7	Body	1.27	(0.9; 1.79)	1.7E-01
cg03276831	<i>ERI3</i>	chr1	Body	1.28	(0.9; 1.82)	1.7E-01
cg21048050	<i>DMXL2</i>	chr15	Body	1.25	(0.91; 1.7)	1.7E-01
cg26539949	<i>ZBTB20</i>	chr3	5'UTR	0.69	(0.41; 1.17)	1.7E-01
cg26539949	<i>ZBTB20</i>	chr3	Body	0.69	(0.41; 1.17)	1.7E-01
cg08229360	<i>CTDSPL</i>	chr3	Body	1.91	(0.76; 4.78)	1.7E-01
cg21804178	<i>NOL4L</i>	chr20	TSS1500	1.28	(0.9; 1.81)	1.7E-01
cg19892140	<i>ZBTB20</i>	chr3	Body	0.82	(0.62; 1.09)	1.7E-01
cg21211608	<i>RAP1B</i>	chr12	TSS1500	1.26	(0.91; 1.76)	1.7E-01
cg02301039	<i>TXNDC9</i>	chr2	5'UTR	0.78	(0.55; 1.11)	1.7E-01
cg15524111	<i>FBXO31</i>	chr16	Body	1.29	(0.9; 1.87)	1.7E-01
cg15524111	<i>FBXO31</i>	chr16	ExonBnd	1.29	(0.9; 1.87)	1.7E-01
cg00677455	<i>CTDSP2</i>	chr12	TSS1500	1.22	(0.92; 1.63)	1.7E-01
cg19228118	<i>CSMD2</i>	chr1	Body	1.26	(0.91; 1.75)	1.7E-01
cg27578811	<i>CPEB1</i>	chr15	Body	0.77	(0.53; 1.12)	1.7E-01
cg19837298	<i>TNRC18</i>	chr7	Body	1.25	(0.91; 1.7)	1.7E-01
cg21312939	<i>AKAP13</i>	chr15	Body	0.77	(0.52; 1.12)	1.7E-01
cg25099403	<i>POU2F1</i>	chr1	TSS200	0.82	(0.61; 1.09)	1.7E-01
cg25099403	<i>POU2F1</i>	chr1	TSS1500	0.82	(0.61; 1.09)	1.7E-01
cg20156450	<i>SLC16A9</i>	chr10	TSS1500	0.77	(0.53; 1.12)	1.7E-01
cg22242926	<i>RECQL5</i>	chr17	Body	0.78	(0.54; 1.12)	1.7E-01
cg08920745	<i>TNFRSF11B</i>	chr8	TSS1500	0.79	(0.57; 1.1)	1.7E-01
cg27346088	<i>SLC16A9</i>	chr10	TSS200	1.31	(0.89; 1.93)	1.7E-01
cg05239225	<i>AKAP13</i>	chr15	5'UTR	1.61	(0.81; 3.21)	1.7E-01
cg06219351	<i>PTPRN2</i>	chr7	Body	1.25	(0.91; 1.72)	1.7E-01
cg25993717	<i>ZBTB20</i>	chr3	TSS200	0.8	(0.58; 1.1)	1.7E-01
cg15807855	<i>PTPRN2</i>	chr7	Body	0.79	(0.56; 1.11)	1.7E-01
cg20653662	<i>DDHD2</i>	chr8	Body	0.76	(0.51; 1.13)	1.7E-01
cg04633846	<i>PHACTR1</i>	chr6	Body	1.27	(0.9; 1.77)	1.7E-01
cg23318724	<i>CTDSPL2</i>	chr15	Body	1.23	(0.91; 1.67)	1.7E-01
cg22383831	<i>PTPRN2</i>	chr7	Body	1.23	(0.91; 1.67)	1.7E-01
cg00769251	<i>CDH11</i>	chr16	Body	0.78	(0.55; 1.11)	1.7E-01
cg18525240	<i>CTNND2</i>	chr5	Body	0.78	(0.55; 1.11)	1.7E-01
cg18748888	<i>TNRC6C</i>	chr17	3'UTR	0.76	(0.52; 1.13)	1.7E-01
cg20378837	<i>TNRC18</i>	chr7	Body	1.27	(0.9; 1.78)	1.7E-01
cg10218605	<i>PTPRN2</i>	chr7	Body	0.81	(0.6; 1.09)	1.7E-01
cg01900212	<i>TNFRSF11A</i>	chr18	Body	0.79	(0.57; 1.11)	1.7E-01
cg12983997	<i>PHACTR1</i>	chr6	ExonBnd	1.31	(0.89; 1.93)	1.7E-01
cg12983997	<i>PHACTR1</i>	chr6	Body	1.31	(0.89; 1.93)	1.7E-01
cg11761615	<i>TNRC18</i>	chr7	Body	0.79	(0.56; 1.11)	1.7E-01
cg09226185	<i>PTPRN2</i>	chr7	Body	1.28	(0.9; 1.81)	1.7E-01
cg17196984	<i>ARID1A</i>	chr1	Body	1.22	(0.92; 1.62)	1.7E-01
cg24311743	<i>UBE2E2</i>	chr3	TSS1500	0.73	(0.46; 1.15)	1.7E-01
cg04207084	<i>PTPRN2</i>	chr7	Body	0.77	(0.52; 1.12)	1.7E-01
cg02118559	<i>CTNND2</i>	chr5	3'UTR	1.3	(0.89; 1.88)	1.7E-01
cg13117953	<i>PTPRN2</i>	chr7	Body	0.79	(0.56; 1.11)	1.7E-01
cg20045572	<i>SMARCD3</i>	chr7	TSS1500	1.33	(0.88; 1.99)	1.7E-01
cg05695384	<i>CSMD2</i>	chr1	Body	0.77	(0.53; 1.12)	1.7E-01
cg04166874	<i>ERI3</i>	chr1	TSS1500	1.26	(0.9; 1.74)	1.7E-01
cg14190846	<i>ATF7IP</i>	chr12	5'UTR	0.81	(0.59; 1.1)	1.7E-01
cg14190846	<i>ATF7IP</i>	chr12	TSS200	0.81	(0.59; 1.1)	1.7E-01
cg12634271	<i>MEIS2</i>	chr15	3'UTR	0.61	(0.29; 1.25)	1.7E-01
cg12634271	<i>MEIS2</i>	chr15	Body	0.61	(0.29; 1.25)	1.7E-01
cg08600538	<i>CTDSPL2</i>	chr15	5'UTR	1.26	(0.9; 1.77)	1.7E-01
cg08004934	<i>LOC101928417</i>	chr16	Body	0.79	(0.56; 1.11)	1.7E-01
cg08004934	<i>CDH13</i>	chr16	5'UTR	0.79	(0.56; 1.11)	1.7E-01
cg08004934	<i>CDH13</i>	chr16	Body	0.79	(0.56; 1.11)	1.7E-01
cg11367633	<i>CHD6</i>	chr20	TSS1500	0.72	(0.45; 1.16)	1.7E-01

cg10285392	<i>POU2F1</i>	chr1	Body	0.79	(0.57; 1.11)	1.7E-01
cg23070153	<i>CUX2</i>	chr12	Body	0.79	(0.56; 1.11)	1.7E-01
cg12619398	<i>DDHD2</i>	chr8	5'UTR	0.8	(0.59; 1.1)	1.7E-01
cg12619398	<i>DDHD2</i>	chr8	TSS200	0.8	(0.59; 1.1)	1.7E-01
cg09970590	<i>MEIS2</i>	chr15	Body	1.28	(0.9; 1.82)	1.8E-01
cg02851312	<i>PTPRN2</i>	chr7	Body	0.79	(0.56; 1.11)	1.8E-01
cg05437294	<i>PTPRN2</i>	chr7	Body	1.23	(0.91; 1.65)	1.8E-01
cg12419766	<i>PTPRN2</i>	chr7	Body	1.31	(0.89; 1.92)	1.8E-01
cg08954353	<i>TNFRSF10B</i>	chr8	Body	1.36	(0.87; 2.12)	1.8E-01
cg13462030	<i>TNFRSF10B</i>	chr8	TSS1500	0.81	(0.59; 1.1)	1.8E-01
cg21872919	<i>PTPRN2</i>	chr7	Body	1.25	(0.91; 1.72)	1.8E-01
cg17298352	<i>AKAP13</i>	chr15	Body	0.76	(0.51; 1.13)	1.8E-01
cg10329117	<i>CSMD2</i>	chr1	Body	0.78	(0.55; 1.12)	1.8E-01
cg16263825	<i>ZBTB20</i>	chr3	TSS1500	1.26	(0.9; 1.75)	1.8E-01
cg00499831	<i>CSMD2</i>	chr1	Body	1.28	(0.9; 1.82)	1.8E-01
cg12601933	<i>TNFRSF1B</i>	chr1	Body	1.25	(0.91; 1.72)	1.8E-01
cg04045539	<i>TNR</i>	chr1	Body	1.25	(0.9; 1.73)	1.8E-01
cg04514601	<i>MBD5</i>	chr2	Body	1.25	(0.9; 1.74)	1.8E-01
cg26356782	<i>PHACTR1</i>	chr6	Body	1.28	(0.89; 1.84)	1.8E-01
cg02467339	<i>PTPRN2</i>	chr7	Body	1.29	(0.89; 1.88)	1.8E-01
cg14338114	<i>ZBTB20</i>	chr3	5'UTR	0.75	(0.49; 1.14)	1.8E-01
cg20387392	<i>ZBTB20</i>	chr3	5'UTR	0.8	(0.58; 1.11)	1.8E-01
cg00296158	<i>POU2F1</i>	chr1	TSS1500	0.77	(0.53; 1.13)	1.8E-01
cg16595458	<i>CNTNAP2</i>	chr7	Body	0.75	(0.49; 1.14)	1.8E-01
cg16478012	<i>FBXO31</i>	chr16	TSS200	0.81	(0.6; 1.1)	1.8E-01
cg27330193	<i>ZBTB20</i>	chr3	5'UTR	0.77	(0.52; 1.13)	1.8E-01
cg16594495	<i>PHACTR1</i>	chr6	Body	1.35	(0.87; 2.07)	1.8E-01
cg10653465	<i>AKAP13</i>	chr15	Body	0.78	(0.54; 1.12)	1.8E-01
cg05483509	<i>ATP6V0C</i>	chr16	TSS1500	0.78	(0.55; 1.12)	1.8E-01
cg14932349	<i>CREBBP</i>	chr16	Body	1.25	(0.9; 1.73)	1.8E-01
cg07624226	<i>PTPRN2</i>	chr7	Body	0.8	(0.57; 1.11)	1.8E-01
cg08996334	<i>ZBTB20</i>	chr3	5'UTR	1.26	(0.9; 1.76)	1.8E-01
cg15307908	<i>FBXO32</i>	chr8	TSS200	1.31	(0.88; 1.94)	1.8E-01
cg07657658	<i>CNTNAP2</i>	chr7	Body	1.27	(0.9; 1.79)	1.8E-01
cg07536341	<i>NDUFA9</i>	chr12	TSS200	0.79	(0.56; 1.11)	1.8E-01
cg08777703	<i>DACH1</i>	chr13	Body	0.7	(0.42; 1.18)	1.8E-01
cg19795796	<i>PTPRN2</i>	chr7	Body	1.25	(0.9; 1.73)	1.8E-01
cg00476944	<i>PTPRN2</i>	chr7	Body	0.75	(0.49; 1.14)	1.8E-01
cg04732872	<i>ELAVL4</i>	chr1	TSS200	1.29	(0.89; 1.86)	1.8E-01
cg04732872	<i>ELAVL4</i>	chr1	Body	1.29	(0.89; 1.86)	1.8E-01
cg21579197	<i>MEIS2</i>	chr15	Body	0.8	(0.57; 1.11)	1.8E-01
cg12261762	<i>MTCL1</i>	chr18	Body	1.25	(0.9; 1.72)	1.8E-01
cg02492778	<i>CSMD2</i>	chr1	Body	0.81	(0.59; 1.11)	1.8E-01
cg22282410	<i>PTPRN2</i>	chr7	TSS1500	0.76	(0.51; 1.13)	1.8E-01
cg26252389	<i>ERI3</i>	chr1	Body	1.34	(0.87; 2.06)	1.8E-01
cg11424597	<i>ERI3</i>	chr1	1stExon	0.77	(0.52; 1.13)	1.8E-01
cg11424597	<i>ERI3</i>	chr1	5'UTR	0.77	(0.52; 1.13)	1.8E-01
cg16677554	<i>ATP6V0C</i>	chr16	TSS1500	1.31	(0.88; 1.95)	1.8E-01
cg16677554	<i>ATP6V0C</i>	chr16	TSS200	1.31	(0.88; 1.95)	1.8E-01
cg02030008	<i>PTPRN2</i>	chr7	Body	1.27	(0.89; 1.81)	1.8E-01
cg16016583	<i>PTPRN2</i>	chr7	Body	0.74	(0.47; 1.15)	1.8E-01
cg16728539	<i>CACNA1C</i>	chr12	Body	0.47	(0.16; 1.42)	1.8E-01
cg11724873	<i>WAC</i>	chr10	Body	1.23	(0.91; 1.65)	1.8E-01
cg01536803	<i>PTPRN2</i>	chr7	Body	1.26	(0.9; 1.76)	1.8E-01
cg21681396	<i>CSMD2</i>	chr1	Body	0.81	(0.59; 1.11)	1.8E-01
cg21762610	<i>UNC80</i>	chr2	Body	1.28	(0.89; 1.84)	1.8E-01
cg23653008	<i>CHFR</i>	chr12	TSS1500	0.8	(0.58; 1.11)	1.8E-01
cg00163546	<i>BRUNOL4</i>	chr18	Body	1.3	(0.88; 1.92)	1.8E-01
cg16761843	<i>TENM2</i>	chr5	Body	0.78	(0.54; 1.13)	1.8E-01
cg00847166	<i>CTNND2</i>	chr5	TSS1500	1.23	(0.91; 1.66)	1.8E-01
cg13900349	<i>PTPRN2</i>	chr7	Body	1.31	(0.88; 1.94)	1.8E-01

cg05928980	<i>PTPRU</i>	chr1	Body	0.79	(0.56; 1.12)	1.8E-01
cg01047111	<i>UBE2E2</i>	chr3	Body	1.39	(0.86; 2.27)	1.8E-01
cg05544095	<i>ZBTB20</i>	chr3	5'UTR	1.43	(0.84; 2.44)	1.8E-01
cg22770560	<i>PTPRN2</i>	chr7	Body	1.29	(0.89; 1.87)	1.8E-01
cg25737169	<i>AKAP13</i>	chr15	Body	0.78	(0.55; 1.12)	1.8E-01
cg11397606	<i>SGIP1</i>	chr1	Body	0.77	(0.52; 1.13)	1.8E-01
cg03627409	<i>PTPRU</i>	chr1	Body	0.78	(0.54; 1.12)	1.8E-01
cg14420245	<i>ACVR2A</i>	chr2	TSS1500	1.24	(0.9; 1.71)	1.8E-01
cg26781464	<i>ZNF704</i>	chr8	3'UTR	1.32	(0.88; 1.97)	1.8E-01
cg07826767	<i>PTPRS</i>	chr19	Body	0.8	(0.58; 1.11)	1.8E-01
cg02331784	<i>ZBTB20</i>	chr3	5'UTR	0.51	(0.19; 1.37)	1.8E-01
cg02331784	<i>ZBTB20</i>	chr3	Body	0.51	(0.19; 1.37)	1.8E-01
cg23616097	<i>TNRC18</i>	chr7	TSS200	0.75	(0.5; 1.14)	1.8E-01
cg18943258	<i>NOL4L</i>	chr20	Body	0.77	(0.52; 1.13)	1.8E-01
cg10409449	<i>AKAP13</i>	chr15	Body	0.82	(0.61; 1.1)	1.8E-01
cg25436034	<i>AKAP13</i>	chr15	Body	0.62	(0.3; 1.26)	1.8E-01
cg09077609	<i>PTPRN2</i>	chr7	Body	0.8	(0.57; 1.11)	1.8E-01
cg14607496	<i>ZNF704</i>	chr8	Body	0.68	(0.39; 1.2)	1.8E-01
cg09247695	<i>PTPRN2</i>	chr7	Body	0.81	(0.6; 1.1)	1.8E-01
cg11610558	<i>CTDSPL2</i>	chr15	Body	0.8	(0.58; 1.11)	1.8E-01
cg24506862	<i>BRUNOL4</i>	chr18	TSS1500	0.72	(0.45; 1.17)	1.8E-01
cg27402091	<i>PTPRN2</i>	chr7	Body	1.25	(0.9; 1.75)	1.8E-01
cg07884070	<i>RAP1B</i>	chr12	5'UTR	1.23	(0.91; 1.67)	1.8E-01
cg21685565	<i>GNA12</i>	chr7	1stExon	0.81	(0.6; 1.1)	1.8E-01
cg16512311	<i>CDH13</i>	chr16	Body	1.25	(0.9; 1.74)	1.8E-01
cg25720625	<i>CACNA1C</i>	chr12	Body	0.8	(0.57; 1.11)	1.8E-01
cg06677781	<i>ZFP91</i>	chr11	TSS1500	1.21	(0.91; 1.62)	1.8E-01
cg12625454	<i>PTPRN2</i>	chr7	Body	1.23	(0.9; 1.68)	1.9E-01
cg02530350	<i>CNTNAP2</i>	chr7	Body	0.73	(0.46; 1.16)	1.9E-01
cg13509638	<i>TNFRSF1B</i>	chr1	Body	0.43	(0.12; 1.5)	1.9E-01
cg22416051	<i>PTPRN2</i>	chr7	Body	1.25	(0.9; 1.74)	1.9E-01
cg22063108	<i>GNA12</i>	chr7	Body	1.22	(0.91; 1.62)	1.9E-01
cg01833890	<i>CACNA1C</i>	chr12	Body	1.45	(0.84; 2.5)	1.9E-01
cg23447239	<i>PTPRN2</i>	chr7	Body	1.23	(0.91; 1.67)	1.9E-01
cg16218340	<i>CHCHD6</i>	chr3	TSS1500	1.22	(0.91; 1.65)	1.9E-01
cg17190608	<i>CUX2</i>	chr12	TSS1500	1.25	(0.9; 1.74)	1.9E-01
cg20655099	<i>TNRC18</i>	chr7	Body	1.36	(0.86; 2.16)	1.9E-01
cg22527572	<i>AKAP3</i>	chr12	Body	0.78	(0.55; 1.13)	1.9E-01
cg04643437	<i>ATF7IP</i>	chr12	5'UTR	0.81	(0.59; 1.11)	1.9E-01
cg04643437	<i>ATF7IP</i>	chr12	1stExon	0.81	(0.59; 1.11)	1.9E-01
cg09356014	<i>FBXO31</i>	chr16	Body	1.24	(0.9; 1.72)	1.9E-01
cg12855611	<i>DNAI2</i>	chr17	Body	0.81	(0.59; 1.11)	1.9E-01
cg22648168	<i>ZBTB20</i>	chr3	TSS1500	1.26	(0.89; 1.77)	1.9E-01
cg22648168	<i>ZBTB20</i>	chr3	5'UTR	1.26	(0.89; 1.77)	1.9E-01
cg24445167	<i>CACNA1C</i>	chr12	Body	0.72	(0.44; 1.18)	1.9E-01
cg05790989	<i>POU2F1</i>	chr1	5'UTR	1.45	(0.83; 2.51)	1.9E-01
cg16341266	<i>CNTNAP2</i>	chr7	Body	1.42	(0.84; 2.38)	1.9E-01
cg01172234	<i>PTPRN2</i>	chr7	Body	0.81	(0.58; 1.11)	1.9E-01
cg13562751	<i>PHACTR1</i>	chr6	Body	1.27	(0.89; 1.82)	1.9E-01
cg08635011	<i>CUX2</i>	chr12	Body	0.81	(0.59; 1.11)	1.9E-01
cg04344190	<i>WWOX</i>	chr16	Body	1.26	(0.89; 1.79)	1.9E-01
cg13033090	<i>BRUNOL4</i>	chr18	TSS200	0.76	(0.51; 1.14)	1.9E-01
cg07267845	<i>PTPRN2</i>	chr7	Body	0.72	(0.43; 1.18)	1.9E-01
cg04584023	<i>CACNA1C</i>	chr12	Body	0.73	(0.45; 1.17)	1.9E-01
cg15057818	<i>PTPRN2</i>	chr7	Body	0.78	(0.54; 1.13)	1.9E-01
cg05861880	<i>CACNA1C-IT2</i>	chr12	TSS1500	0.76	(0.51; 1.14)	1.9E-01
cg09439964	<i>ORC4</i>	chr2	5'UTR	0.76	(0.5; 1.15)	1.9E-01
cg10733196	<i>RTN4RL1</i>	chr17	Body	1.26	(0.89; 1.78)	1.9E-01
cg16937735	<i>PTPRN2</i>	chr7	Body	0.82	(0.61; 1.1)	1.9E-01
cg14566868	<i>AKAP13</i>	chr15	Body	0.73	(0.46; 1.16)	1.9E-01
cg23364266	<i>PTPRN2</i>	chr7	Body	0.8	(0.58; 1.11)	1.9E-01

cg15014116	SMARCD3	chr7	Body	1.26	(0.89; 1.77)	1.9E-01
cg20427538	DNAI2	chr17	Body	1.32	(0.87; 1.99)	1.9E-01
cg26600653	PTPRN2	chr7	Body	1.26	(0.89; 1.77)	1.9E-01
cg00589639	RECQL5	chr17	1stExon	1.24	(0.9; 1.71)	1.9E-01
cg00589639	RECQL5	chr17	5'UTR	1.24	(0.9; 1.71)	1.9E-01
cg09816107	TNRC6A	chr16	Body	1.26	(0.89; 1.78)	1.9E-01
cg26837182	POU2F1	chr1	Body	0.71	(0.43; 1.18)	1.9E-01
cg22950899	PTPRS	chr19	Body	1.26	(0.89; 1.8)	1.9E-01
cg16186051	CHD6	chr20	TSS200	1.25	(0.89; 1.76)	1.9E-01
cg16718902	TNRC18	chr7	Body	0.8	(0.57; 1.12)	1.9E-01
cg10952495	TSHZ3	chr19	Body	0.61	(0.29; 1.28)	1.9E-01
cg19405040	COL5A2	chr2	Body	0.76	(0.5; 1.15)	1.9E-01
cg08677692	PTPRN2	chr7	Body	0.81	(0.6; 1.11)	1.9E-01
cg26861487	PTPRN2	chr7	Body	1.26	(0.89; 1.79)	1.9E-01
cg06281409	FBXO38	chr5	Body	1.34	(0.86; 2.09)	1.9E-01
cg10739246	ERI3	chr1	Body	1.27	(0.89; 1.82)	1.9E-01
cg10739246	ERI3	chr1	5'UTR	1.27	(0.89; 1.82)	1.9E-01
cg06949619	TNRC18	chr7	Body	0.79	(0.56; 1.12)	1.9E-01
cg10802509	SGIP1	chr1	Body	1.38	(0.85; 2.24)	1.9E-01
cg09559021	CSMD2	chr1	Body	1.4	(0.84; 2.33)	1.9E-01
cg03017865	CEP350	chr1	Body	0.79	(0.56; 1.12)	1.9E-01
cg20818337	RTN4	chr2	TSS200	0.81	(0.59; 1.11)	1.9E-01
cg21921460	CTNND2	chr5	Body	0.78	(0.54; 1.13)	1.9E-01
cg18185149	PTPRN2	chr7	Body	1.25	(0.89; 1.75)	1.9E-01
cg19593762	CTDSP2	chr12	TSS200	1.23	(0.9; 1.67)	1.9E-01
cg08502322	TENM2	chr5	Body	0.76	(0.5; 1.15)	1.9E-01
cg09756125	PTPRN2	chr7	Body	0.8	(0.57; 1.12)	1.9E-01
cg27470433	CACNA1C	chr12	Body	0.79	(0.56; 1.13)	1.9E-01
cg18664013	PTPRN2	chr7	Body	0.82	(0.61; 1.1)	1.9E-01
cg01363648	PTPRU	chr1	Body	1.27	(0.89; 1.82)	1.9E-01
cg13908074	MBD5	chr2	Body	0.78	(0.54; 1.13)	1.9E-01
cg08165083	PEX14	chr1	Body	0.81	(0.6; 1.11)	1.9E-01
cg01615815	CNTNAP2	chr7	Body	0.8	(0.57; 1.12)	1.9E-01
cg16057915	PEX14	chr1	3'UTR	1.25	(0.89; 1.75)	1.9E-01
cg25042845	SRSF10	chr1	Body	1.24	(0.9; 1.71)	1.9E-01
cg03920574	UBE2E2	chr3	Body	0.72	(0.44; 1.18)	1.9E-01
cg19090762	FBXO31	chr16	5'UTR	0.79	(0.56; 1.12)	1.9E-01
cg13511195	BRUNOL4	chr18	Body	0.8	(0.58; 1.12)	1.9E-01
cg12592194	CTDSP2	chr12	1stExon	1.26	(0.89; 1.79)	1.9E-01
cg12592194	CTDSP2	chr12	5'UTR	1.26	(0.89; 1.79)	1.9E-01
cg07696310	FBXO31	chr16	TSS1500	1.25	(0.89; 1.75)	1.9E-01
cg12043230	CACNA1C	chr12	Body	0.63	(0.31; 1.26)	1.9E-01
cg06297677	TENM2	chr5	Body	0.76	(0.49; 1.15)	1.9E-01
cg21787390	PTPRU	chr1	Body	0.79	(0.55; 1.13)	1.9E-01
cg17051124	PTPRN2	chr7	Body	0.81	(0.59; 1.11)	1.9E-01
cg16546717	GNA12	chr7	Body	0.73	(0.46; 1.17)	1.9E-01
cg22623223	PTPRN2	chr7	Body	0.8	(0.57; 1.12)	1.9E-01
cg05803237	MTNR1B	chr11	TSS200	1.33	(0.87; 2.03)	1.9E-01
cg02258303	FBXO31	chr16	Body	0.81	(0.59; 1.11)	1.9E-01
cg22741595	C11orf67	chr11	5'UTR	0.82	(0.61; 1.11)	1.9E-01
cg10223066	CHFR	chr12	TSS1500	0.81	(0.59; 1.11)	1.9E-01
cg06379340	UNC80	chr2	3'UTR	0.79	(0.55; 1.13)	1.9E-01
cg06717083	SUSD4	chr1	Body	0.78	(0.53; 1.14)	1.9E-01
cg14549482	BARX2	chr11	Body	0.79	(0.55; 1.13)	1.9E-01
cg24363180	NRXN1	chr2	Body	0.8	(0.57; 1.12)	1.9E-01
cg21548071	ALCAM	chr3	Body	0.82	(0.6; 1.11)	1.9E-01
cg15612628	ZBTB20	chr3	Body	1.23	(0.9; 1.68)	1.9E-01
cg15612628	ZBTB20	chr3	5'UTR	1.23	(0.9; 1.68)	1.9E-01
cg01190876	EIF2S1	chr14	5'UTR	0.81	(0.59; 1.11)	1.9E-01
cg04619955	ATF7	chr12	3'UTR	1.25	(0.89; 1.74)	1.9E-01
cg04619955	ATF7	chr12	Body	1.25	(0.89; 1.74)	1.9E-01

cg23677243	MEIS2	chr15	Body	0.77	(0.52; 1.14)	1.9E-01
cg02783912	MBD5	chr2	5'UTR	1.25	(0.89; 1.77)	2.0E-01
cg07149535	COL5A2	chr2	Body	1.3	(0.87; 1.93)	2.0E-01
cg27501686	CACNA1C	chr12	Body	0.78	(0.54; 1.13)	2.0E-01
cg13399259	ZBTB20	chr3	Body	0.81	(0.59; 1.12)	2.0E-01
cg13399259	ZBTB20	chr3	5'UTR	0.81	(0.59; 1.12)	2.0E-01
cg08692211	MEIS2	chr15	Body	1.31	(0.87; 1.99)	2.0E-01
cg18973247	ARID1A	chr1	Body	1.25	(0.89; 1.76)	2.0E-01
cg02481714	TNRC6B	chr22	TSS1500	0.8	(0.57; 1.12)	2.0E-01
cg11336887	PTPRU	chr1	Body	1.26	(0.89; 1.78)	2.0E-01
cg05675621	PTPRN2	chr7	Body	0.79	(0.55; 1.13)	2.0E-01
cg01722932	MTNR1B	chr11	TSS200	1.34	(0.86; 2.1)	2.0E-01
cg27129731	MEIS2	chr15	5'UTR	0.82	(0.61; 1.11)	2.0E-01
cg27129731	MEIS2	chr15	TSS1500	0.82	(0.61; 1.11)	2.0E-01
cg21126403	ZBTB20	chr3	Body	0.81	(0.58; 1.12)	2.0E-01
cg21126403	ZBTB20	chr3	5'UTR	0.81	(0.58; 1.12)	2.0E-01
cg21126403	ZBTB20	chr3	TSS200	0.81	(0.58; 1.12)	2.0E-01
cg26189827	SUGCT	chr7	Body	0.76	(0.51; 1.15)	2.0E-01
cg00556515	TNFRSF1A	chr12	Body	0.81	(0.59; 1.11)	2.0E-01
cg15855881	AKAP13	chr15	Body	1.28	(0.88; 1.87)	2.0E-01
cg00879840	WWOX	chr16	Body	0.77	(0.52; 1.14)	2.0E-01
cg05878101	SMARCD3	chr7	3'UTR	1.33	(0.86; 2.05)	2.0E-01
cg08278167	ELAVL4	chr1	Body	1.27	(0.88; 1.82)	2.0E-01
cg22505746	MEX3A	chr1	TSS1500	1.25	(0.89; 1.77)	2.0E-01
cg12583607	MTCL1	chr18	Body	0.8	(0.56; 1.13)	2.0E-01
cg20726070	PTPRN2	chr7	Body	1.31	(0.87; 1.99)	2.0E-01
cg16959075	PDE8A	chr15	5'UTR	0.8	(0.57; 1.12)	2.0E-01
cg16959075	PDE8A	chr15	Body	0.8	(0.57; 1.12)	2.0E-01
cg12176856	PDE8A	chr15	Body	1.27	(0.88; 1.84)	2.0E-01
cg07883956	PDE8A	chr15	TSS1500	1.23	(0.9; 1.68)	2.0E-01
cg26363263	CUX2	chr12	Body	1.3	(0.87; 1.92)	2.0E-01
cg02459107	SGIP1	chr1	Body	0.77	(0.52; 1.14)	2.0E-01
cg27024992	FBXO11	chr2	5'UTR	0.79	(0.56; 1.13)	2.0E-01
cg00235442	PTPRN2	chr7	Body	1.3	(0.87; 1.93)	2.0E-01
cg16594957	CREBBP	chr16	3'UTR	1.26	(0.89; 1.78)	2.0E-01
cg21790991	FSTL1	chr3	Body	1.26	(0.89; 1.79)	2.0E-01
cg16153170	CTDSPL	chr3	Body	0.78	(0.54; 1.14)	2.0E-01
cg09136529	BARX1	chr9	Body	1.34	(0.86; 2.08)	2.0E-01
cg01751992	DCUN1D4	chr4	Body	0.79	(0.56; 1.13)	2.0E-01
cg11686722	MEIS2	chr15	5'UTR	1.27	(0.88; 1.83)	2.0E-01
cg11686722	MEIS2	chr15	1stExon	1.27	(0.88; 1.83)	2.0E-01
cg11686722	MEIS2	chr15	TSS200	1.27	(0.88; 1.83)	2.0E-01
cg11686722	MEIS2	chr15	TSS1500	1.27	(0.88; 1.83)	2.0E-01
cg11649415	PTPRS	chr19	5'UTR	1.24	(0.89; 1.71)	2.0E-01
cg24125890	RECQL	chr12	1stExon	0.81	(0.59; 1.12)	2.0E-01
cg24125890	GOLT1B	chr12	TSS1500	0.81	(0.59; 1.12)	2.0E-01
cg24125890	RECQL	chr12	5'UTR	0.81	(0.59; 1.12)	2.0E-01
cg25717438	NRXN1	chr2	TSS200	0.8	(0.58; 1.12)	2.0E-01
cg16379698	MTNR1A	chr4	Body	0.82	(0.6; 1.11)	2.0E-01
cg11218876	PHACTR1	chr6	ExonBnd	0.8	(0.57; 1.12)	2.0E-01
cg11218876	PHACTR1	chr6	5'UTR	0.8	(0.57; 1.12)	2.0E-01
cg26416745	CSMD2	chr1	Body	1.62	(0.77; 3.41)	2.0E-01
cg04047827	TNRC6A	chr16	TSS200	0.82	(0.61; 1.11)	2.0E-01
cg12763900	ZBTB20	chr3	TSS200	0.79	(0.56; 1.13)	2.0E-01
cg12741427	CACNA1C	chr12	Body	1.33	(0.86; 2.05)	2.0E-01
cg19901515	CTNND2	chr5	Body	1.23	(0.89; 1.7)	2.0E-01
cg05951776	PEX14	chr1	Body	1.39	(0.84; 2.28)	2.0E-01
cg18451131	TNRC18	chr7	Body	0.8	(0.57; 1.12)	2.0E-01
cg26870936	RECQL5	chr17	Body	0.73	(0.44; 1.18)	2.0E-01
cg14926149	ACVR2A	chr2	Body	0.83	(0.62; 1.1)	2.0E-01
cg13204432	NRXN1	chr2	Body	0.79	(0.56; 1.13)	2.0E-01

cg12796689	<i>PTPRN2</i>	chr7	Body	1.23	(0.89; 1.7)	2.0E-01
cg18835653	<i>NOL4</i>	chr18	Body	0.79	(0.55; 1.13)	2.0E-01
cg11664313	<i>DACH1</i>	chr13	TSS1500	1.3	(0.87; 1.95)	2.0E-01
cg16569650	<i>GNA12</i>	chr7	Body	0.7	(0.41; 1.21)	2.0E-01
cg23376070	<i>CDH13</i>	chr16	5'UTR	0.81	(0.58; 1.12)	2.0E-01
cg23376070	<i>CDH13</i>	chr16	Body	0.81	(0.58; 1.12)	2.0E-01
cg04901174	<i>WVOX</i>	chr16	Body	0.81	(0.58; 1.12)	2.0E-01
cg04584833	<i>RTN4RL1</i>	chr17	TSS1500	0.81	(0.58; 1.12)	2.0E-01
cg17134302	<i>FBXO36</i>	chr2	Body	1.29	(0.87; 1.89)	2.0E-01
cg05175762	<i>PTPRN2</i>	chr7	Body	0.75	(0.48; 1.17)	2.0E-01
cg24306278	<i>PTPRN2</i>	chr7	Body	0.81	(0.59; 1.12)	2.0E-01
cg16589617	<i>CSMD2</i>	chr1	Body	0.82	(0.6; 1.11)	2.0E-01
cg11417811	<i>TAOK3</i>	chr12	5'UTR	0.79	(0.54; 1.14)	2.0E-01
cg01341698	<i>TAOK3</i>	chr12	5'UTR	1.28	(0.88; 1.87)	2.0E-01
cg14096207	<i>SUSD4</i>	chr1	Body	1.26	(0.88; 1.79)	2.0E-01
cg06015275	<i>CDH13</i>	chr16	Body	0.82	(0.6; 1.11)	2.0E-01
cg04488837	<i>FBXO31</i>	chr16	Body	0.82	(0.6; 1.11)	2.0E-01
cg10934522	<i>TENM2</i>	chr5	Body	0.81	(0.59; 1.12)	2.0E-01
cg18164357	<i>C11orf67</i>	chr11	5'UTR	0.81	(0.59; 1.12)	2.0E-01
cg06931515	<i>SGIP1</i>	chr1	Body	0.8	(0.57; 1.13)	2.0E-01
cg25177851	<i>CPEB1</i>	chr15	Body	1.26	(0.88; 1.79)	2.0E-01
cg20858308	<i>ERI3</i>	chr1	Body	1.24	(0.89; 1.71)	2.0E-01
cg20858308	<i>ERI3</i>	chr1	5'UTR	1.24	(0.89; 1.71)	2.0E-01
cg07017275	<i>FBXO34</i>	chr14	TSS200	0.82	(0.6; 1.11)	2.0E-01
cg07017275	<i>FBXO34</i>	chr14	5'UTR	0.82	(0.6; 1.11)	2.0E-01
cg02552868	<i>FBXO31</i>	chr16	Body	1.27	(0.88; 1.85)	2.0E-01
cg05977259	<i>FBXO11</i>	chr2	TSS1500	0.76	(0.49; 1.16)	2.0E-01
cg23054284	<i>WVOX</i>	chr16	Body	1.28	(0.88; 1.86)	2.0E-01
cg21464353	<i>SCAF8</i>	chr6	Body	0.77	(0.52; 1.15)	2.0E-01
cg26597305	<i>PTPRN2</i>	chr7	Body	1.25	(0.89; 1.77)	2.0E-01
cg25362361	<i>TNRC6C</i>	chr17	Body	0.78	(0.53; 1.14)	2.0E-01
cg04329969	<i>CTNND2</i>	chr5	Body	1.25	(0.89; 1.77)	2.0E-01
cg00023196	<i>PTPRN2</i>	chr7	Body	0.81	(0.58; 1.12)	2.0E-01
cg06730364	<i>CNTNAP2</i>	chr7	Body	0.82	(0.61; 1.11)	2.0E-01
cg02810291	<i>AKAP13</i>	chr15	5'UTR	1.34	(0.85; 2.1)	2.0E-01
cg19804009	<i>WVOX</i>	chr16	Body	1.41	(0.83; 2.41)	2.0E-01
cg25910285	<i>SGIP1</i>	chr1	Body	0.8	(0.57; 1.13)	2.0E-01
cg14821713	<i>RTN4</i>	chr2	Body	1.29	(0.87; 1.92)	2.0E-01
cg09441904	<i>CDH13</i>	chr16	Body	0.83	(0.63; 1.1)	2.0E-01
cg06039392	<i>MTNR1A</i>	chr4	TSS1500	0.81	(0.59; 1.12)	2.0E-01
cg10926303	<i>TNRC18</i>	chr7	Body	1.21	(0.9; 1.63)	2.0E-01
cg19059344	<i>CDH13</i>	chr16	Body	0.79	(0.55; 1.14)	2.0E-01
cg12209024	<i>DCUN1D4</i>	chr4	Body	0.81	(0.58; 1.12)	2.0E-01
cg01982592	<i>WVOX</i>	chr16	Body	0.8	(0.57; 1.13)	2.0E-01
cg04738410	<i>TNRC6B</i>	chr22	Body	1.29	(0.87; 1.9)	2.0E-01
cg02420582	<i>NOL4L</i>	chr20	Body	1.37	(0.84; 2.23)	2.0E-01
cg11453792	<i>ACVR2A</i>	chr2	Body	1.23	(0.89; 1.69)	2.0E-01
cg02452209	<i>PTPRN2</i>	chr7	Body	1.34	(0.85; 2.09)	2.0E-01
cg00964557	<i>MBD5</i>	chr2	5'UTR	1.32	(0.86; 2.02)	2.1E-01
cg02570004	<i>FBXO11</i>	chr2	TSS1500	1.2	(0.9; 1.61)	2.1E-01
cg16200207	<i>NRXN1</i>	chr2	Body	1.24	(0.89; 1.75)	2.1E-01
cg03134083	<i>TNR</i>	chr1	5'UTR	1.23	(0.89; 1.68)	2.1E-01
cg08055733	<i>SUSD4</i>	chr1	Body	0.65	(0.33; 1.27)	2.1E-01
cg17334689	<i>TAOK3</i>	chr12	Body	0.69	(0.39; 1.23)	2.1E-01
cg12069304	<i>TNRC6A</i>	chr16	Body	1.21	(0.9; 1.62)	2.1E-01
cg27382164	<i>CHFR</i>	chr12	TSS1500	0.81	(0.58; 1.13)	2.1E-01
cg01250490	<i>TNFRSF1B</i>	chr1	Body	1.26	(0.88; 1.79)	2.1E-01
cg10893656	<i>PTPRN2</i>	chr7	Body	1.28	(0.87; 1.87)	2.1E-01
cg02092785	<i>PHACTR1</i>	chr6	Body	1.26	(0.88; 1.81)	2.1E-01
cg24132146	<i>PHACTR1</i>	chr6	TSS1500	1.28	(0.87; 1.88)	2.1E-01
cg18089847	<i>CUX2</i>	chr12	Body	0.8	(0.57; 1.13)	2.1E-01

cg09292030	<i>PTPRN2</i>	chr7	Body	1.3	(0.87; 1.95)	2.1E-01
cg00510447	<i>TNFRSF12A</i>	chr16	Body	1.32	(0.86; 2.02)	2.1E-01
cg09146982	<i>TNRC6C</i>	chr17	5'UTR	1.23	(0.89; 1.71)	2.1E-01
cg20066677	<i>CHFR</i>	chr12	Body	0.79	(0.55; 1.14)	2.1E-01
cg20199354	<i>TNFRSF12A</i>	chr16	TSS200	0.78	(0.54; 1.14)	2.1E-01
cg12057741	<i>TNFRSF11B</i>	chr8	5'UTR	1.26	(0.88; 1.8)	2.1E-01
cg12057741	<i>TNFRSF11B</i>	chr8	1stExon	1.26	(0.88; 1.8)	2.1E-01
cg10859424	<i>ALCAM</i>	chr3	Body	0.47	(0.14; 1.52)	2.1E-01
cg13812878	<i>TNRC18</i>	chr7	Body	0.77	(0.52; 1.15)	2.1E-01
cg10389371	<i>AKAP13</i>	chr15	5'UTR	1.32	(0.86; 2.02)	2.1E-01
cg17162576	<i>SGIP1</i>	chr1	TSS1500	0.74	(0.46; 1.18)	2.1E-01
cg20879086	<i>UBE2E2</i>	chr3	Body	1.32	(0.86; 2.04)	2.1E-01
cg00574580	<i>TNFRSF1A</i>	chr12	TSS1500	0.62	(0.29; 1.31)	2.1E-01
cg04482825	<i>MEIS2</i>	chr15	Body	0.76	(0.49; 1.17)	2.1E-01
cg16558692	<i>PTPRN2</i>	chr7	Body	0.81	(0.58; 1.12)	2.1E-01
cg24052631	<i>CDH13</i>	chr16	Body	0.81	(0.59; 1.12)	2.1E-01
cg10956385	<i>CTDSPL2</i>	chr15	TSS1500	1.27	(0.87; 1.85)	2.1E-01
cg06378494	<i>TNFRSF19</i>	chr13	5'UTR	1.23	(0.89; 1.69)	2.1E-01
cg06378494	<i>TNFRSF19</i>	chr13	TSS200	1.23	(0.89; 1.69)	2.1E-01
cg08514236	<i>PTPRN2</i>	chr7	Body	1.23	(0.89; 1.68)	2.1E-01
cg14795528	<i>PTPRN2</i>	chr7	Body	1.26	(0.88; 1.82)	2.1E-01
cg25203113	<i>WAC</i>	chr10	Body	0.81	(0.58; 1.13)	2.1E-01
cg06755671	<i>CNTNAP2</i>	chr7	Body	1.24	(0.89; 1.72)	2.1E-01
cg26589485	<i>RTN4RL1</i>	chr17	3'UTR	0.82	(0.6; 1.12)	2.1E-01
cg25932761	<i>CUX2</i>	chr12	Body	0.69	(0.39; 1.23)	2.1E-01
cg02192117	<i>TNRC18</i>	chr7	Body	0.71	(0.41; 1.22)	2.1E-01
cg16714616	<i>CHD6</i>	chr20	TSS200	0.65	(0.34; 1.27)	2.1E-01
cg25924845	<i>ATF7IP</i>	chr12	5'UTR	1.28	(0.87; 1.9)	2.1E-01
cg25924845	<i>ATF7IP</i>	chr12	Body	1.28	(0.87; 1.9)	2.1E-01
cg08021602	<i>DACH1</i>	chr13	Body	0.76	(0.49; 1.17)	2.1E-01
cg15972572	<i>PTPRN2</i>	chr7	Body	0.82	(0.6; 1.12)	2.1E-01
cg01303655	<i>TNRC6C</i>	chr17	3'UTR	0.75	(0.47; 1.18)	2.1E-01
cg00171942	<i>CSMD2</i>	chr1	Body	0.76	(0.49; 1.17)	2.1E-01
cg25245192	<i>DNAI2</i>	chr17	3'UTR	1.56	(0.78; 3.12)	2.1E-01
cg26208815	<i>PTPRN2</i>	chr7	Body	0.79	(0.55; 1.14)	2.1E-01
cg02543519	<i>PTPRN2</i>	chr7	Body	1.31	(0.86; 2.01)	2.1E-01
cg18032191	<i>TNFRSF1A</i>	chr12	Body	1.25	(0.88; 1.76)	2.1E-01
cg07674304	<i>WWOX</i>	chr16	Body	1.29	(0.86; 1.93)	2.1E-01
cg00514723	<i>CHD6</i>	chr20	5'UTR	0.61	(0.28; 1.33)	2.1E-01
cg20150787	<i>PTPRN2</i>	chr7	Body	0.82	(0.61; 1.12)	2.1E-01
cg19580219	<i>GOLT1B</i>	chr12	TSS1500	0.81	(0.58; 1.13)	2.1E-01
cg19580219	<i>RECQL</i>	chr12	5'UTR	0.81	(0.58; 1.13)	2.1E-01
cg10154804	<i>DMXL2</i>	chr15	5'UTR	0.8	(0.57; 1.13)	2.1E-01
cg10154804	<i>DMXL2</i>	chr15	1stExon	0.8	(0.57; 1.13)	2.1E-01
cg09765297	<i>CDH13</i>	chr16	Body	0.78	(0.52; 1.16)	2.1E-01
cg02849124	<i>ZBTB20</i>	chr3	Body	0.8	(0.57; 1.13)	2.1E-01
cg08012252	<i>CHCHD6</i>	chr3	Body	0.83	(0.62; 1.11)	2.1E-01
cg04769577	<i>GNA12</i>	chr7	Body	0.82	(0.6; 1.12)	2.1E-01
cg04769577	<i>GNA12</i>	chr7	TSS200	0.82	(0.6; 1.12)	2.1E-01
cg14485651	<i>UBE2E2</i>	chr3	Body	0.78	(0.52; 1.16)	2.1E-01
cg10652281	<i>POU2F1</i>	chr1	Body	0.82	(0.6; 1.12)	2.1E-01
cg24135583	<i>PTPRN2</i>	chr7	Body	0.8	(0.57; 1.13)	2.1E-01
cg04854662	<i>CHCHD6</i>	chr3	Body	0.8	(0.57; 1.14)	2.1E-01
cg22056595	<i>PTPRN2</i>	chr7	Body	1.23	(0.89; 1.69)	2.1E-01
cg15487748	<i>CACNA1C</i>	chr12	Body	0.77	(0.51; 1.16)	2.1E-01
cg23812848	<i>PTPRN2</i>	chr7	Body	1.24	(0.88; 1.74)	2.1E-01
cg00902185	<i>RTN4R</i>	chr22	Body	1.33	(0.85; 2.09)	2.1E-01
cg08725167	<i>PTPRN2</i>	chr7	Body	0.8	(0.56; 1.14)	2.1E-01
cg09211521	<i>FBXO31</i>	chr16	TSS1500	1.23	(0.89; 1.7)	2.1E-01
cg09597759	<i>CNTNAP2</i>	chr7	Body	1.27	(0.87; 1.85)	2.1E-01
cg24152818	<i>DACH1</i>	chr13	Body	0.78	(0.52; 1.16)	2.1E-01

cg02768721	<i>PTPRN2</i>	chr7	Body	1.26	(0.87; 1.81)	2.1E-01
cg18566911	<i>PTPRN2</i>	chr7	Body	1.27	(0.87; 1.86)	2.1E-01
cg02538976	<i>PTPRN2</i>	chr7	Body	0.82	(0.6; 1.12)	2.2E-01
cg06896316	<i>SGIP1</i>	chr1	Body	1.23	(0.89; 1.71)	2.2E-01
cg04877240	<i>SUGCT</i>	chr7	Body	0.72	(0.43; 1.21)	2.2E-01
cg23724557	<i>ZBTB20</i>	chr3	Body	0.8	(0.57; 1.14)	2.2E-01
cg23724557	<i>ZBTB20</i>	chr3	5'UTR	0.8	(0.57; 1.14)	2.2E-01
cg17831934	<i>CNTNAP2</i>	chr7	Body	1.23	(0.89; 1.7)	2.2E-01
cg02832162	<i>AKAP3</i>	chr12	Body	1.26	(0.87; 1.83)	2.2E-01
cg11574072	<i>ZNF704</i>	chr8	3'UTR	0.82	(0.59; 1.13)	2.2E-01
cg04799270	<i>PTPRN2</i>	chr7	Body	0.82	(0.6; 1.12)	2.2E-01
cg04166393	<i>GNA12</i>	chr7	TSS1500	1.22	(0.89; 1.69)	2.2E-01
cg10515753	<i>MEX3A</i>	chr1	1stExon	0.81	(0.59; 1.13)	2.2E-01
cg18482829	<i>ZNF704</i>	chr8	Body	0.82	(0.6; 1.12)	2.2E-01
cg22723098	<i>PEX14</i>	chr1	Body	1.22	(0.89; 1.69)	2.2E-01
cg00758412	<i>RAP1B</i>	chr12	5'UTR	1.56	(0.77; 3.14)	2.2E-01
cg04569202	<i>PTPRN2</i>	chr7	Body	0.8	(0.56; 1.14)	2.2E-01
cg00797602	<i>FBXO33</i>	chr14	TSS200	1.22	(0.89; 1.67)	2.2E-01
cg18407955	<i>PTPRN2</i>	chr7	Body	1.23	(0.89; 1.71)	2.2E-01
cg19483307	<i>TNR</i>	chr1	Body	0.76	(0.48; 1.18)	2.2E-01
cg16748524	<i>PTPRN2</i>	chr7	Body	1.23	(0.89; 1.71)	2.2E-01
cg23097499	<i>TNFRSF1B</i>	chr1	TSS1500	1.33	(0.85; 2.07)	2.2E-01
cg05687083	<i>TNRC18</i>	chr7	Body	0.8	(0.57; 1.14)	2.2E-01
cg01444720	<i>PTPRN2</i>	chr7	Body	0.79	(0.53; 1.15)	2.2E-01
cg10184292	<i>FBXO34</i>	chr14	TSS1500	1.24	(0.88; 1.73)	2.2E-01
cg10184292	<i>FBXO34</i>	chr14	TSS200	1.24	(0.88; 1.73)	2.2E-01
cg01731355	<i>PTPRN2</i>	chr7	Body	0.81	(0.58; 1.13)	2.2E-01
cg01664142	<i>ATP8A1</i>	chr4	Body	0.83	(0.61; 1.12)	2.2E-01
cg04782618	<i>TENM2</i>	chr5	Body	1.33	(0.85; 2.08)	2.2E-01
cg13749316	<i>TSHZ3</i>	chr19	Body	0.78	(0.53; 1.15)	2.2E-01
cg02097398	<i>ZBTB20</i>	chr3	Body	0.77	(0.52; 1.16)	2.2E-01
cg02097398	<i>ZBTB20</i>	chr3	5'UTR	0.77	(0.52; 1.16)	2.2E-01
cg20030024	<i>PTPRN2</i>	chr7	Body	0.81	(0.58; 1.13)	2.2E-01
cg16068431	<i>PTPRN2</i>	chr7	Body	1.23	(0.88; 1.71)	2.2E-01
cg02512724	<i>PTPRN2</i>	chr7	Body	1.21	(0.89; 1.63)	2.2E-01
cg17392950	<i>PTPRN2</i>	chr7	Body	0.81	(0.58; 1.13)	2.2E-01
cg12074857	<i>CDH11</i>	chr16	5'UTR	0.79	(0.54; 1.15)	2.2E-01
cg21082782	<i>PTPRN2</i>	chr7	Body	1.2	(0.9; 1.62)	2.2E-01
cg25371487	<i>RTN4</i>	chr2	TSS1500	0.82	(0.59; 1.13)	2.2E-01
cg20272205	<i>CCDC80</i>	chr3	TSS1500	1.22	(0.89; 1.67)	2.2E-01
cg16264642	<i>CTNND2</i>	chr5	Body	1.23	(0.89; 1.7)	2.2E-01
cg05729577	<i>BRUNOL4</i>	chr18	3'UTR	0.8	(0.56; 1.14)	2.2E-01
cg25823996	<i>PTPRN2</i>	chr7	Body	1.24	(0.88; 1.75)	2.2E-01
cg22236143	<i>TNR</i>	chr1	Body	1.24	(0.88; 1.75)	2.2E-01
cg08405848	<i>NRXN1</i>	chr2	Body	0.77	(0.51; 1.17)	2.2E-01
cg23137807	<i>MEIS2</i>	chr15	TSS200	0.76	(0.48; 1.18)	2.2E-01
cg23137807	<i>MEIS2</i>	chr15	TSS1500	0.76	(0.48; 1.18)	2.2E-01
cg02578162	<i>CREBBP</i>	chr16	Body	1.23	(0.88; 1.71)	2.2E-01
cg17856083	<i>POU2F1</i>	chr1	5'UTR	0.81	(0.58; 1.14)	2.2E-01
cg04498014	<i>TNRC6C</i>	chr17	5'UTR	1.23	(0.88; 1.72)	2.2E-01
cg13137809	<i>GNA12</i>	chr7	3'UTR	1.26	(0.87; 1.82)	2.2E-01
cg20326248	<i>TNFRSF19</i>	chr13	Body	0.81	(0.58; 1.14)	2.2E-01
cg20332289	<i>MBD5</i>	chr2	5'UTR	1.23	(0.88; 1.7)	2.2E-01
cg05407582	<i>PDE8A</i>	chr15	Body	1.31	(0.85; 2.02)	2.2E-01
cg16525066	<i>CDH11</i>	chr16	5'UTR	1.22	(0.89; 1.68)	2.2E-01
cg26995992	<i>FBXO31</i>	chr16	Body	0.81	(0.58; 1.13)	2.2E-01
cg26995992	<i>FBXO31</i>	chr16	TSS1500	0.81	(0.58; 1.13)	2.2E-01
cg21928707	<i>FBXO36</i>	chr2	Body	0.75	(0.48; 1.19)	2.2E-01
cg04918002	<i>FBXO31</i>	chr16	Body	0.78	(0.53; 1.16)	2.2E-01
cg10777461	<i>PEX14</i>	chr1	Body	0.74	(0.46; 1.2)	2.2E-01
cg04254119	<i>AKAP3</i>	chr12	5'UTR	0.81	(0.58; 1.13)	2.2E-01

cg04254119	AKAP3	chr12	1stExon	0.81	(0.58; 1.13)	2.2E-01
cg03105681	PTPRN2	chr7	Body	1.22	(0.89; 1.67)	2.2E-01
cg03555203	TSHZ3	chr19	Body	1.24	(0.88; 1.74)	2.2E-01
cg25574965	DCUN1D4	chr4	Body	1.19	(0.9; 1.58)	2.2E-01
cg18796520	NDUFA9	chr12	TSS200	1.25	(0.87; 1.79)	2.2E-01
cg00104353	PTPRN2	chr7	Body	0.83	(0.61; 1.12)	2.2E-01
cg11742016	ATP8A1	chr4	Body	0.8	(0.56; 1.14)	2.2E-01
cg12823171	WVOX	chr16	Body	0.79	(0.54; 1.15)	2.2E-01
cg13409070	PTPRN2	chr7	Body	1.24	(0.88; 1.74)	2.2E-01
cg24122124	PTPRS	chr19	5'UTR	1.26	(0.87; 1.83)	2.2E-01
cg22443839	CDH13	chr16	Body	1.22	(0.88; 1.7)	2.2E-01
cg06742159	AKAP13	chr15	TSS1500	1.27	(0.86; 1.87)	2.2E-01
cg11251200	PTPRN2	chr7	Body	1.21	(0.89; 1.65)	2.2E-01
ch.1.893623F	ARID1A	chr1	Body	0.83	(0.61; 1.12)	2.2E-01
cg12376168	PTPRS	chr19	Body	1.25	(0.87; 1.8)	2.2E-01
cg21534299	ERI3	chr1	TSS1500	0.81	(0.58; 1.14)	2.2E-01
cg13555063	PTPRN2	chr7	Body	1.24	(0.88; 1.77)	2.2E-01
cg16514212	PTPRN2	chr7	Body	1.26	(0.87; 1.81)	2.2E-01
cg24752353	AKAP13	chr15	Body	0.78	(0.52; 1.16)	2.2E-01
cg09641955	CACNA1C	chr12	Body	1.21	(0.89; 1.65)	2.2E-01
cg03411554	CDH13	chr16	Body	1.21	(0.89; 1.64)	2.2E-01
cg15507719	BRUNOL4	chr18	Body	0.81	(0.58; 1.13)	2.2E-01
cg01381829	TNRC6B	chr22	Body	1.36	(0.83; 2.24)	2.2E-01
cg01381829	TNRC6B	chr22	TSS1500	1.36	(0.83; 2.24)	2.2E-01
cg15430743	NOL4	chr18	Body	0.82	(0.59; 1.13)	2.2E-01
cg14001157	PTPRN2	chr7	Body	0.8	(0.57; 1.14)	2.2E-01
cg13074795	ATF7	chr12	TSS1500	1.21	(0.89; 1.64)	2.2E-01
cg13074795	ATF7	chr12	5'UTR	1.21	(0.89; 1.64)	2.2E-01
cg26919387	PEX14	chr1	Body	1.23	(0.88; 1.72)	2.2E-01
cg20164016	TNR	chr1	5'UTR	0.82	(0.59; 1.13)	2.2E-01
cg05147654	PTPRN2	chr7	Body	0.82	(0.6; 1.13)	2.2E-01
cg25330725	PTPRN2	chr7	Body	1.2	(0.89; 1.62)	2.2E-01
cg26500063	MEX3A	chr1	TSS1500	0.8	(0.57; 1.14)	2.3E-01
cg18712752	PTPRN2	chr7	Body	0.82	(0.59; 1.13)	2.3E-01
cg11575295	PTPRN2	chr7	Body	0.81	(0.58; 1.14)	2.3E-01
cg00293128	PTPRN2	chr7	Body	0.8	(0.56; 1.15)	2.3E-01
cg24146776	ZBTB20	chr3	5'UTR	0.79	(0.54; 1.16)	2.3E-01
cg06481656	CDH13	chr16	5'UTR	0.77	(0.51; 1.17)	2.3E-01
cg06481656	CDH13	chr16	Body	0.77	(0.51; 1.17)	2.3E-01
cg20248758	TDRP	chr8	Body	0.74	(0.46; 1.2)	2.3E-01
cg21657631	CACNA1C	chr12	Body	0.69	(0.37; 1.26)	2.3E-01
cg24422530	CDH13	chr16	5'UTR	1.29	(0.85; 1.97)	2.3E-01
cg24422530	CDH13	chr16	Body	1.29	(0.85; 1.97)	2.3E-01
cg23333125	GNA12	chr7	Body	0.79	(0.55; 1.15)	2.3E-01
cg23333125	GNA12	chr7	TSS1500	0.79	(0.55; 1.15)	2.3E-01
cg10542336	PTPRN2	chr7	Body	0.84	(0.63; 1.12)	2.3E-01
cg09882209	ZBTB20	chr3	Body	0.81	(0.57; 1.14)	2.3E-01
cg12165899	FBXO31	chr16	5'UTR	0.83	(0.62; 1.12)	2.3E-01
cg12165899	FBXO31	chr16	TSS1500	0.83	(0.62; 1.12)	2.3E-01
cg10036016	CDH13	chr16	Body	0.79	(0.55; 1.15)	2.3E-01
cg00819163	PTPRS	chr19	TSS200	0.84	(0.63; 1.12)	2.3E-01
cg03359183	DACH1	chr13	Body	0.82	(0.59; 1.13)	2.3E-01
cg05898629	CREBBP	chr16	Body	0.82	(0.59; 1.13)	2.3E-01
cg17662584	TNRC6B	chr22	TSS200	1.3	(0.85; 1.98)	2.3E-01
cg12911428	NOL4	chr18	TSS1500	0.79	(0.53; 1.16)	2.3E-01
cg16248866	MBD5	chr2	5'UTR	1.23	(0.88; 1.73)	2.3E-01
cg15475412	ACVR2A	chr2	5'UTR	0.82	(0.6; 1.13)	2.3E-01
cg15475412	ACVR2A	chr2	TSS1500	0.82	(0.6; 1.13)	2.3E-01
cg15475412	ACVR2A	chr2	1stExon	0.82	(0.6; 1.13)	2.3E-01
cg18511007	COL1A2	chr7	TSS200	0.78	(0.53; 1.16)	2.3E-01
cg14069819	DMXL2	chr15	ExonBnd	0.8	(0.56; 1.15)	2.3E-01

cg14069819	<i>DMXL2</i>	chr15	Body	0.8	(0.56; 1.15)	2.3E-01
cg00730549	<i>TNRC18</i>	chr7	Body	0.81	(0.58; 1.14)	2.3E-01
cg25856663	<i>CPEB1</i>	chr15	TSS1500	0.8	(0.56; 1.15)	2.3E-01
cg25906770	<i>PTPRN2</i>	chr7	Body	1.2	(0.89; 1.61)	2.3E-01
cg25198612	<i>SUGCT</i>	chr7	Body	0.65	(0.33; 1.31)	2.3E-01
cg02382373	<i>PTPRS</i>	chr19	5'UTR	1.27	(0.86; 1.88)	2.3E-01
cg16747052	<i>PTPRN2</i>	chr7	Body	0.79	(0.54; 1.16)	2.3E-01
cg00572058	<i>UNC80</i>	chr2	Body	0.81	(0.58; 1.14)	2.3E-01
cg08917023	<i>CREBBP</i>	chr16	Body	1.21	(0.89; 1.65)	2.3E-01
cg18477928	<i>CUX2</i>	chr12	Body	0.8	(0.56; 1.15)	2.3E-01
cg05920196	<i>TAOK3</i>	chr12	5'UTR	1.25	(0.87; 1.78)	2.3E-01
cg02667335	<i>CHFR</i>	chr12	TSS1500	1.23	(0.88; 1.74)	2.3E-01
cg25485235	<i>WVOX</i>	chr16	Body	1.39	(0.81; 2.36)	2.3E-01
cg03899215	<i>PTPRN2</i>	chr7	Body	1.2	(0.89; 1.61)	2.3E-01
cg20754430	<i>PTPRN2</i>	chr7	Body	1.21	(0.89; 1.66)	2.3E-01
cg04694534	<i>PTPRN2</i>	chr7	Body	0.74	(0.45; 1.21)	2.3E-01
cg09737793	<i>CUX2</i>	chr12	Body	0.79	(0.54; 1.16)	2.3E-01
cg22346702	<i>NOL4</i>	chr18	5'UTR	0.78	(0.52; 1.17)	2.3E-01
cg22346702	<i>NOL4</i>	chr18	Body	0.78	(0.52; 1.17)	2.3E-01
cg02004401	<i>GNA12</i>	chr7	3'UTR	1.21	(0.88; 1.66)	2.3E-01
cg01745428	<i>NOL4L</i>	chr20	Body	1.24	(0.87; 1.76)	2.3E-01
cg14969015	<i>ERI3</i>	chr1	Body	1.24	(0.87; 1.77)	2.3E-01
cg02839273	<i>PDE8A</i>	chr15	5'UTR	1.24	(0.87; 1.76)	2.3E-01
cg02839273	<i>PDE8A</i>	chr15	1stExon	1.24	(0.87; 1.76)	2.3E-01
cg20825817	<i>TNR</i>	chr1	Body	1.22	(0.88; 1.69)	2.3E-01
cg13974768	<i>POU2F1</i>	chr1	5'UTR	1.21	(0.89; 1.64)	2.3E-01
cg04140663	<i>CPEB1</i>	chr15	Body	1.23	(0.88; 1.73)	2.3E-01
cg00106757	<i>ATF7IP2</i>	chr16	Body	0.81	(0.58; 1.14)	2.3E-01
cg26349416	<i>ERI3</i>	chr1	Body	0.8	(0.56; 1.15)	2.3E-01
cg02031245	<i>CSMD2</i>	chr1	Body	0.81	(0.58; 1.14)	2.3E-01
cg07489121	<i>FBXO34</i>	chr14	5'UTR	1.23	(0.88; 1.72)	2.3E-01
cg04246957	<i>PTPRN2</i>	chr7	Body	0.83	(0.61; 1.13)	2.3E-01
cg20385686	<i>ARID1A</i>	chr1	Body	1.24	(0.87; 1.77)	2.3E-01
cg17018649	<i>FSTL1</i>	chr3	TSS1500	0.8	(0.56; 1.15)	2.3E-01
cg01504567	<i>CPEB1</i>	chr15	Body	1.21	(0.88; 1.66)	2.3E-01
cg01504567	<i>CPEB1</i>	chr15	5'UTR	1.21	(0.88; 1.66)	2.3E-01
cg06213317	<i>PTPRS</i>	chr19	Body	0.76	(0.48; 1.19)	2.3E-01
cg10024799	<i>CACNA1C</i>	chr12	Body	1.2	(0.89; 1.61)	2.3E-01
cg14934396	<i>RECQL5</i>	chr17	Body	1.39	(0.81; 2.37)	2.3E-01
cg12991594	<i>TENM2</i>	chr5	Body	1.28	(0.85; 1.91)	2.3E-01
cg00983086	<i>PTPRN2</i>	chr7	Body	0.8	(0.55; 1.16)	2.3E-01
cg01597400	<i>PTPRN2</i>	chr7	Body	0.83	(0.61; 1.13)	2.3E-01
cg10917619	<i>NRXN1</i>	chr2	5'UTR	1.23	(0.88; 1.73)	2.3E-01
cg13357408	<i>PTPRN2</i>	chr7	Body	0.83	(0.62; 1.12)	2.3E-01
cg16883353	<i>ATP8A1</i>	chr4	Body	1.25	(0.87; 1.8)	2.3E-01
cg00590960	<i>BRUNOL4</i>	chr18	TSS1500	0.8	(0.55; 1.16)	2.3E-01
cg02623400	<i>ELAVL4</i>	chr1	1stExon	0.7	(0.4; 1.25)	2.3E-01
cg02623400	<i>ELAVL4</i>	chr1	5'UTR	0.7	(0.4; 1.25)	2.3E-01
cg16885368	<i>PTPRN2</i>	chr7	Body	1.4	(0.8; 2.43)	2.3E-01
cg16433587	<i>PTPRN2</i>	chr7	Body	1.22	(0.88; 1.7)	2.3E-01
cg01559619	<i>POU2F1</i>	chr1	Body	0.8	(0.56; 1.15)	2.3E-01
cg09320702	<i>RECQL5</i>	chr17	Body	1.23	(0.87; 1.75)	2.3E-01
cg16823620	<i>COL5A2</i>	chr2	Body	1.29	(0.85; 1.96)	2.3E-01
cg14985741	<i>TNFRSF19</i>	chr13	3'UTR	0.79	(0.53; 1.17)	2.4E-01
cg24504442	<i>MEIS2</i>	chr15	5'UTR	0.8	(0.56; 1.15)	2.4E-01
cg24504442	<i>MEIS2</i>	chr15	1stExon	0.8	(0.56; 1.15)	2.4E-01
cg24504442	<i>MEIS2</i>	chr15	TSS200	0.8	(0.56; 1.15)	2.4E-01
cg24504442	<i>MEIS2</i>	chr15	TSS1500	0.8	(0.56; 1.15)	2.4E-01
cg06642158	<i>CREBBP</i>	chr16	Body	0.81	(0.57; 1.15)	2.4E-01
cg14527439	<i>PTPRN2</i>	chr7	Body	0.81	(0.58; 1.14)	2.4E-01
cg15937325	<i>PTPRU</i>	chr1	Body	1.29	(0.85; 1.96)	2.4E-01

cg13685506	CTNND2	chr5	Body	1.31	(0.84; 2.03)	2.4E-01
cg21052788	PTPRN2	chr7	Body	0.68	(0.36; 1.28)	2.4E-01
cg11863954	CUX2	chr12	Body	0.8	(0.56; 1.15)	2.4E-01
cg14296394	DMXL2	chr15	Body	0.79	(0.54; 1.16)	2.4E-01
cg17620230	ATF7	chr12	ExonBnd	0.82	(0.6; 1.14)	2.4E-01
cg17620230	ATF7	chr12	Body	0.82	(0.6; 1.14)	2.4E-01
cg08361955	CACNA1C	chr12	Body	0.8	(0.55; 1.16)	2.4E-01
cg26820118	CNTNAP2	chr7	Body	0.81	(0.57; 1.15)	2.4E-01
cg26840849	CTDSPL2	chr15	Body	1.25	(0.87; 1.8)	2.4E-01
cg06452248	PTPRN2	chr7	Body	1.25	(0.86; 1.8)	2.4E-01
cg19422369	GNA12	chr7	Body	1.22	(0.88; 1.69)	2.4E-01
cg07942010	ALCAM	chr3	Body	0.81	(0.58; 1.15)	2.4E-01
cg13709778	UBE2E2	chr3	Body	0.82	(0.59; 1.14)	2.4E-01
cg25270819	ZFP91	chr11	Body	1.45	(0.78; 2.68)	2.4E-01
cg02525930	DNAI2	chr17	TSS200	0.79	(0.54; 1.16)	2.4E-01
cg13492553	WWOX	chr16	Body	1.2	(0.89; 1.62)	2.4E-01
cg22638268	FBXO31	chr16	Body	1.18	(0.9; 1.55)	2.4E-01
cg23285761	DDHD2	chr8	5'UTR	0.82	(0.59; 1.14)	2.4E-01
cg23285761	DDHD2	chr8	TSS200	0.82	(0.59; 1.14)	2.4E-01
cg24578336	FBXO33	chr14	TSS200	0.83	(0.61; 1.13)	2.4E-01
cg09193751	PTPRN2	chr7	Body	0.82	(0.58; 1.14)	2.4E-01
cg27562595	CNTNAP2	chr7	Body	0.83	(0.61; 1.13)	2.4E-01
cg03920522	COL1A2	chr7	Body	0.8	(0.55; 1.16)	2.4E-01
cg11206084	PTPRN2	chr7	Body	0.83	(0.61; 1.13)	2.4E-01
cg05214808	CACNA1C	chr12	Body	0.76	(0.47; 1.2)	2.4E-01
cg12061329	CDH13	chr16	5'UTR	1.24	(0.87; 1.76)	2.4E-01
cg12061329	CDH13	chr16	Body	1.24	(0.87; 1.76)	2.4E-01
cg03080505	FBXO36	chr2	Body	1.26	(0.86; 1.84)	2.4E-01
cg23068476	CACNA1C	chr12	Body	0.8	(0.56; 1.16)	2.4E-01
cg06179179	PTPRN2	chr7	Body	0.83	(0.61; 1.13)	2.4E-01
cg15473007	TNRC6A	chr16	Body	1.32	(0.83; 2.08)	2.4E-01
cg03900492	PTPRN2	chr7	Body	0.73	(0.44; 1.23)	2.4E-01
cg26171490	ZBTB20	chr3	5'UTR	1.25	(0.86; 1.8)	2.4E-01
cg11284316	UNC80	chr2	TSS1500	0.77	(0.5; 1.19)	2.4E-01
cg20984904	PTPRN2	chr7	Body	1.27	(0.85; 1.88)	2.4E-01
cg16254309	CNTNAP2	chr7	Body	0.75	(0.46; 1.21)	2.4E-01
cg20924082	SUGCT	chr7	Body	1.26	(0.86; 1.86)	2.4E-01
cg24701780	PTPRN2	chr7	Body	0.8	(0.56; 1.16)	2.4E-01
cg09547314	PTPRS	chr19	Body	0.83	(0.61; 1.13)	2.4E-01
cg04496254	CUX2	chr12	Body	0.77	(0.5; 1.19)	2.4E-01
cg11638352	PDE8A	chr15	5'UTR	0.8	(0.54; 1.17)	2.4E-01
cg11638352	PDE8A	chr15	Body	0.8	(0.54; 1.17)	2.4E-01
cg17352023	CUX2	chr12	Body	0.64	(0.3; 1.35)	2.4E-01
cg16340117	PTPRN2	chr7	Body	0.84	(0.63; 1.12)	2.4E-01
cg03280245	RTN4RL2	chr11	Body	0.81	(0.56; 1.15)	2.4E-01
cg11588907	NOL4	chr18	TSS1500	1.24	(0.87; 1.78)	2.4E-01
cg11588907	NOL4	chr18	Body	1.24	(0.87; 1.78)	2.4E-01
cg15815419	ATP6V0C	chr16	TSS200	1.25	(0.86; 1.8)	2.4E-01
cg11757337	PTPRN2	chr7	Body	1.26	(0.86; 1.84)	2.4E-01
cg16385733	TENM2	chr5	Body	0.8	(0.55; 1.16)	2.4E-01
cg00175441	TNRC6C	chr17	Body	1.22	(0.88; 1.69)	2.4E-01
cg24374900	PDE8A	chr15	TSS1500	0.74	(0.44; 1.23)	2.4E-01
cg02319036	WWOX	chr16	Body	0.82	(0.59; 1.14)	2.4E-01
cg20361664	TAOK3	chr12	Body	0.77	(0.5; 1.19)	2.4E-01
cg27420590	PTPRS	chr19	3'UTR	1.22	(0.88; 1.69)	2.4E-01
cg22287067	NOL4	chr18	TSS200	0.78	(0.52; 1.18)	2.4E-01
cg23554150	NDUFA9	chr12	Body	0.82	(0.58; 1.15)	2.4E-01
cg23554150	AKAP3	chr12	TSS1500	0.82	(0.58; 1.15)	2.4E-01
cg26982161	CDH13	chr16	Body	0.84	(0.63; 1.12)	2.4E-01
cg24063658	PTPRN2	chr7	Body	0.84	(0.62; 1.13)	2.4E-01
cg10652646	MEIS2	chr15	TSS1500	1.27	(0.85; 1.88)	2.4E-01

cg02391633	TNRC6A	chr16	Body	0.81	(0.56; 1.16)	2.4E-01
cg15397593	CACNA1C	chr12	Body	1.21	(0.88; 1.68)	2.4E-01
cg10797798	PEX14	chr1	Body	0.79	(0.53; 1.17)	2.4E-01
cg08528096	CHCHD6	chr3	Body	1.22	(0.88; 1.7)	2.4E-01
cg13716536	SLC16A9	chr10	Body	1.34	(0.82; 2.18)	2.4E-01
cg03123091	ARID1A	chr1	Body	0.81	(0.57; 1.15)	2.4E-01
cg02626269	FBXO31	chr16	Body	1.27	(0.85; 1.9)	2.4E-01
cg23897941	CACNA1C	chr12	Body	1.27	(0.85; 1.88)	2.4E-01
cg02478172	PTPRN2	chr7	Body	0.81	(0.57; 1.15)	2.4E-01
cg00105060	CNTNAP2	chr7	Body	0.75	(0.46; 1.22)	2.4E-01
cg16943030	TENM2	chr5	Body	1.19	(0.89; 1.6)	2.4E-01
cg03236992	WVOX	chr16	TSS1500	0.83	(0.61; 1.14)	2.4E-01
cg14832998	PTPRN2	chr7	Body	1.21	(0.88; 1.68)	2.4E-01
cg25366140	PTPRN2	chr7	Body	0.84	(0.63; 1.12)	2.4E-01
cg25378096	SRSF10	chr1	Body	0.79	(0.54; 1.17)	2.4E-01
cg25378096	SRSF10	chr1	ExonBnd	0.79	(0.54; 1.17)	2.4E-01
cg01674374	TAOK3	chr12	5'UTR	0.77	(0.49; 1.2)	2.4E-01
cg09890339	CACNA1C	chr12	Body	0.74	(0.44; 1.23)	2.4E-01
cg12001457	NRXN1	chr2	Body	0.81	(0.57; 1.16)	2.4E-01
cg17286476	PTPRN2	chr7	Body	1.19	(0.89; 1.59)	2.4E-01
cg20907124	SCAF8	chr6	Body	1.22	(0.87; 1.71)	2.4E-01
cg14863265	GNA12	chr7	Body	1.23	(0.87; 1.75)	2.4E-01
cg01873143	TNRC18	chr7	Body	0.84	(0.62; 1.13)	2.4E-01
cg16762439	LOC101928700	chr7	TSS1500	0.75	(0.46; 1.22)	2.4E-01
cg16762439	CNTNAP2	chr7	Body	0.75	(0.46; 1.22)	2.4E-01
cg13611347	NOL4	chr18	Body	0.77	(0.5; 1.19)	2.4E-01
cg15692323	PTPRN2	chr7	Body	1.22	(0.87; 1.7)	2.4E-01
cg19265600	TNRC18	chr7	Body	1.24	(0.86; 1.78)	2.4E-01
cg10424969	WVOX	chr16	Body	1.21	(0.88; 1.68)	2.4E-01
cg22463563	TNRC6A	chr16	Body	0.82	(0.59; 1.15)	2.5E-01
cg04511291	PTPRN2	chr7	Body	0.83	(0.61; 1.13)	2.5E-01
cg07557423	ATP8A1	chr4	Body	0.81	(0.57; 1.16)	2.5E-01
cg09104245	SUGCT	chr7	Body	1.21	(0.88; 1.68)	2.5E-01
cg14306734	BRUNOL4	chr18	Body	1.26	(0.86; 1.84)	2.5E-01
cg17810111	NRXN1	chr2	Body	0.81	(0.56; 1.16)	2.5E-01
cg20634514	ERI3	chr1	Body	0.63	(0.29; 1.37)	2.5E-01
cg01682050	WVOX	chr16	Body	0.81	(0.58; 1.15)	2.5E-01
cg02773779	PTPRN2	chr7	Body	1.2	(0.88; 1.64)	2.5E-01
cg18231005	TNFRSF1B	chr1	Body	1.22	(0.87; 1.7)	2.5E-01
cg02369113	PTPRN2	chr7	Body	1.22	(0.87; 1.7)	2.5E-01
cg26536253	FBXO31	chr16	Body	1.23	(0.86; 1.76)	2.5E-01
cg26536253	FBXO31	chr16	5'UTR	1.23	(0.86; 1.76)	2.5E-01
cg06015733	DDHD2	chr8	5'UTR	1.27	(0.85; 1.9)	2.5E-01
cg23390118	CACNA1C	chr12	Body	1.28	(0.84; 1.94)	2.5E-01
cg10898184	PTPRN2	chr7	Body	0.81	(0.57; 1.16)	2.5E-01
cg06153985	RNU5E-1	chr5	Body	0.82	(0.6; 1.14)	2.5E-01
cg13372513	PTPRN2	chr7	Body	1.21	(0.88; 1.67)	2.5E-01
cg11060759	PTPRU	chr1	Body	0.83	(0.61; 1.13)	2.5E-01
cg06124579	ELAVL4	chr1	TSS1500	0.82	(0.59; 1.14)	2.5E-01
cg23451678	CCDC80	chr3	3'UTR	0.82	(0.59; 1.15)	2.5E-01
cg12383142	ELAVL4	chr1	ExonBnd	1.29	(0.84; 1.97)	2.5E-01
cg12383142	ELAVL4	chr1	Body	1.29	(0.84; 1.97)	2.5E-01
cg08013355	TENM2	chr5	Body	0.8	(0.55; 1.17)	2.5E-01
cg23545098	CREBBP	chr16	TSS1500	1.27	(0.85; 1.92)	2.5E-01
cg14654134	ZBTB20	chr3	5'UTR	0.78	(0.51; 1.19)	2.5E-01
cg16889627	MBD5	chr2	5'UTR	1.24	(0.86; 1.78)	2.5E-01
cg01031400	TNFRSF10D	chr8	5'UTR	0.81	(0.57; 1.16)	2.5E-01
cg01031400	TNFRSF10D	chr8	1stExon	0.81	(0.57; 1.16)	2.5E-01
cg05679795	ATF7	chr12	1stExon	1.21	(0.88; 1.67)	2.5E-01
cg05679795	ATF7	chr12	5'UTR	1.21	(0.88; 1.67)	2.5E-01
cg11770113	COL5A2	chr2	Body	1.22	(0.87; 1.72)	2.5E-01

cg05623531	<i>PTPRS</i>	chr19	Body	1.2	(0.88; 1.65)	2.5E-01
cg21914526	<i>PTPRN2</i>	chr7	Body	0.81	(0.58; 1.15)	2.5E-01
cg09601923	<i>DNAI2</i>	chr17	TSS200	0.83	(0.61; 1.14)	2.5E-01
cg05421555	<i>AKAP13</i>	chr15	5'UTR	1.22	(0.87; 1.71)	2.5E-01
cg10053073	<i>RECQL5</i>	chr17	3'UTR	1.28	(0.84; 1.95)	2.5E-01
cg20168823	<i>BRUNOL4</i>	chr18	Body	0.82	(0.59; 1.15)	2.5E-01
cg17019032	<i>SMARCD3</i>	chr7	ExonBnd	1.26	(0.85; 1.87)	2.5E-01
cg17019032	<i>SMARCD3</i>	chr7	Body	1.26	(0.85; 1.87)	2.5E-01
cg01591591	<i>CREBBP</i>	chr16	Body	1.22	(0.87; 1.73)	2.5E-01
cg25833403	<i>DACH1</i>	chr13	Body	1.28	(0.84; 1.94)	2.5E-01
cg22312534	<i>ZBTB20</i>	chr3	Body	0.84	(0.62; 1.13)	2.5E-01
cg22312534	<i>ZBTB20</i>	chr3	5'UTR	0.84	(0.62; 1.13)	2.5E-01
cg11796258	<i>TNR</i>	chr1	Body	0.83	(0.6; 1.14)	2.5E-01
cg06646604	<i>PDE8A</i>	chr15	Body	0.77	(0.49; 1.2)	2.5E-01
cg19739098	<i>PTPRN2</i>	chr7	Body	0.81	(0.56; 1.16)	2.5E-01
cg27130769	<i>TNRC18</i>	chr7	Body	1.22	(0.87; 1.71)	2.5E-01
cg12790758	<i>MEIS2</i>	chr15	Body	0.82	(0.59; 1.15)	2.5E-01
cg26242818	<i>RAP1B</i>	chr12	3'UTR	1.25	(0.85; 1.84)	2.5E-01
cg12413242	<i>CACNA1C</i>	chr12	Body	0.84	(0.62; 1.13)	2.5E-01
cg12752568	<i>SUGCT</i>	chr7	Body	1.23	(0.87; 1.74)	2.5E-01
cg24524634	<i>GNA12</i>	chr7	Body	0.83	(0.6; 1.14)	2.5E-01
cg00863246	<i>CACNA1C</i>	chr12	Body	0.61	(0.27; 1.41)	2.5E-01
cg13397314	<i>RTN4R</i>	chr22	TSS1500	1.26	(0.85; 1.88)	2.5E-01
cg20726664	<i>AKAP13</i>	chr15	Body	0.82	(0.58; 1.15)	2.5E-01
cg25429984	<i>UBE2E2</i>	chr3	Body	0.82	(0.58; 1.15)	2.5E-01
cg05977955	<i>CHCHD6</i>	chr3	Body	1.27	(0.85; 1.9)	2.5E-01
cg14697583	<i>DNAI2</i>	chr17	TSS1500	1.39	(0.79; 2.42)	2.5E-01
cg23229652	<i>CACNA1C</i>	chr12	Body	1.25	(0.86; 1.82)	2.5E-01
cg25483464	<i>CEP350</i>	chr1	Body	1.28	(0.84; 1.96)	2.5E-01
cg03772219	<i>CNTNAP2</i>	chr7	Body	1.22	(0.87; 1.7)	2.5E-01
cg06555227	<i>PTPRN2</i>	chr7	Body	0.78	(0.52; 1.19)	2.5E-01
cg19099311	<i>PTPRN2</i>	chr7	Body	0.83	(0.61; 1.14)	2.5E-01
cg07373212	<i>CHCHD6</i>	chr3	Body	1.21	(0.87; 1.69)	2.5E-01
cg04064735	<i>PTPRN2</i>	chr7	Body	0.84	(0.62; 1.13)	2.5E-01
cg07383370	<i>SUGCT</i>	chr7	Body	1.44	(0.77; 2.71)	2.5E-01
cg24082339	<i>TENM2</i>	chr5	Body	0.83	(0.61; 1.14)	2.5E-01
cg25976504	<i>SGIP1</i>	chr1	TSS200	0.82	(0.58; 1.16)	2.5E-01
cg25976504	<i>SGIP1</i>	chr1	TSS1500	0.82	(0.58; 1.16)	2.5E-01
cg02419716	<i>SMARCD3</i>	chr7	Body	0.84	(0.62; 1.13)	2.5E-01
cg15605804	<i>TNFRSF10D</i>	chr8	Body	1.19	(0.88; 1.61)	2.5E-01
cg26645635	<i>CTDSP2</i>	chr12	TSS200	1.21	(0.87; 1.67)	2.5E-01
cg22469841	<i>FSTL1</i>	chr3	Body	1.27	(0.84; 1.9)	2.5E-01
cg27433661	<i>PTPRN2</i>	chr7	Body	1.23	(0.86; 1.77)	2.5E-01
cg21511969	<i>FSTL1</i>	chr3	5'UTR	0.83	(0.6; 1.15)	2.5E-01
cg21511969	<i>FSTL1</i>	chr3	1stExon	0.83	(0.6; 1.15)	2.5E-01
cg10407177	<i>BRUNOL4</i>	chr18	Body	1.28	(0.84; 1.94)	2.5E-01
cg17096328	<i>CNTNAP2</i>	chr7	Body	0.84	(0.63; 1.13)	2.5E-01
cg10770132	<i>CSMD2</i>	chr1	Body	1.24	(0.86; 1.8)	2.5E-01
cg02662530	<i>MBD5</i>	chr2	5'UTR	0.75	(0.46; 1.23)	2.5E-01
cg22597706	<i>CTNND2</i>	chr5	Body	0.81	(0.57; 1.16)	2.5E-01
cg07787614	<i>TNRC6C</i>	chr17	5'UTR	1.24	(0.86; 1.78)	2.5E-01
cg13972711	<i>TNRC18</i>	chr7	Body	0.83	(0.6; 1.15)	2.5E-01
cg18128856	<i>COL5A2</i>	chr2	Body	1.19	(0.88; 1.6)	2.5E-01
cg22970003	<i>PTPRN2</i>	chr7	Body	1.25	(0.85; 1.82)	2.5E-01
cg23694187	<i>PTPRN2</i>	chr7	Body	1.2	(0.88; 1.66)	2.5E-01
cg06815373	<i>PTPRN2</i>	chr7	Body	0.82	(0.58; 1.16)	2.5E-01
cg09022230	<i>TNRC18</i>	chr7	Body	0.78	(0.51; 1.2)	2.5E-01
cg07019099	<i>PTPRN2</i>	chr7	Body	1.18	(0.89; 1.58)	2.5E-01
cg07543823	<i>RTN4R</i>	chr22	Body	0.82	(0.58; 1.15)	2.5E-01
cg12440927	<i>PTPRN2</i>	chr7	Body	1.21	(0.87; 1.68)	2.5E-01
cg02102278	<i>TENM2</i>	chr5	Body	1.24	(0.86; 1.78)	2.5E-01

cg08906363	<i>PTPRN2</i>	chr7	Body	1.22	(0.87; 1.71)	2.6E-01
cg20792744	<i>CTDSPL2</i>	chr15	5'UTR	1.23	(0.86; 1.77)	2.6E-01
cg22835523	<i>PDE8A</i>	chr15	Body	1.29	(0.83; 2.01)	2.6E-01
cg06532176	<i>WWOX</i>	chr16	Body	1.2	(0.88; 1.63)	2.6E-01
cg06532176	<i>WWOX</i>	chr16	3'UTR	1.2	(0.88; 1.63)	2.6E-01
cg06532176	<i>WWOX</i>	chr16	1stExon	1.2	(0.88; 1.63)	2.6E-01
cg02399044	<i>CACNA1C</i>	chr12	Body	0.82	(0.57; 1.16)	2.6E-01
cg13803067	<i>TXNDC9</i>	chr2	5'UTR	0.79	(0.53; 1.18)	2.6E-01
cg02588098	<i>WWOX</i>	chr16	Body	0.84	(0.62; 1.13)	2.6E-01
cg07978494	<i>PTPRN2</i>	chr7	Body	0.81	(0.57; 1.16)	2.6E-01
cg02606650	<i>TENM2</i>	chr5	Body	0.8	(0.55; 1.18)	2.6E-01
cg18088723	<i>AKAP13</i>	chr15	Body	1.25	(0.85; 1.85)	2.6E-01
cg10810352	<i>FBXO31</i>	chr16	TSS200	1.22	(0.87; 1.72)	2.6E-01
cg10810352	<i>FBXO31</i>	chr16	5'UTR	1.22	(0.87; 1.72)	2.6E-01
cg18397864	<i>BRUNOL4</i>	chr18	1stExon	1.24	(0.86; 1.8)	2.6E-01
cg12240847	<i>CSMD2</i>	chr1	Body	0.82	(0.58; 1.16)	2.6E-01
cg05404890	<i>TNRC6A</i>	chr16	Body	0.83	(0.6; 1.14)	2.6E-01
cg25356743	<i>CSMD2</i>	chr1	Body	1.26	(0.84; 1.89)	2.6E-01
cg25258258	<i>PTPRN2</i>	chr7	Body	1.22	(0.87; 1.72)	2.6E-01
cg05194552	<i>CREBBP</i>	chr16	Body	0.82	(0.59; 1.15)	2.6E-01
cg19645258	<i>AKAP13</i>	chr15	Body	0.82	(0.58; 1.15)	2.6E-01
cg22136038	<i>PTPRN2</i>	chr7	Body	1.26	(0.85; 1.87)	2.6E-01
cg25382025	<i>PTPRS</i>	chr19	Body	1.21	(0.87; 1.68)	2.6E-01
cg17684850	<i>CHCHD6</i>	chr3	Body	1.2	(0.88; 1.65)	2.6E-01
cg03168108	<i>NRXN1</i>	chr2	TSS200	1.23	(0.86; 1.76)	2.6E-01
cg04362902	<i>FBXO11</i>	chr2	Body	0.76	(0.47; 1.22)	2.6E-01
cg02369188	<i>PTPRN2</i>	chr7	Body	1.2	(0.88; 1.64)	2.6E-01
cg13057030	<i>CUX2</i>	chr12	Body	1.2	(0.88; 1.64)	2.6E-01
cg25018884	<i>CACNA1C</i>	chr12	Body	0.76	(0.47; 1.23)	2.6E-01
cg02755131	<i>CDH13</i>	chr16	Body	1.2	(0.88; 1.64)	2.6E-01
cg05511613	<i>TNRC18</i>	chr7	Body	0.83	(0.59; 1.15)	2.6E-01
cg14784405	<i>CDH13</i>	chr16	Body	0.82	(0.58; 1.16)	2.6E-01
cg07964527	<i>PDE8A</i>	chr15	Body	1.25	(0.85; 1.85)	2.6E-01
cg18041207	<i>DACH1</i>	chr13	TSS200	0.81	(0.57; 1.16)	2.6E-01
cg03927644	<i>ZBTB20</i>	chr3	Body	0.83	(0.61; 1.14)	2.6E-01
cg03927644	<i>ZBTB20</i>	chr3	5'UTR	0.83	(0.61; 1.14)	2.6E-01
cg02847074	<i>CUX2</i>	chr12	Body	0.8	(0.54; 1.18)	2.6E-01
cg22635363	<i>CNTNAP2</i>	chr7	Body	1.29	(0.83; 2)	2.6E-01
cg07975793	<i>CSMD2</i>	chr1	Body	1.22	(0.86; 1.73)	2.6E-01
cg18625951	<i>CNTNAP2</i>	chr7	Body	0.83	(0.59; 1.15)	2.6E-01
cg20710480	<i>ATP8A1</i>	chr4	Body	1.41	(0.78; 2.58)	2.6E-01
cg03200052	<i>SUSD4</i>	chr1	TSS1500	1.21	(0.87; 1.67)	2.6E-01
cg21458849	<i>CDH11</i>	chr16	Body	0.83	(0.6; 1.15)	2.6E-01
cg26211126	<i>PTPRN2</i>	chr7	Body	0.85	(0.63; 1.13)	2.6E-01
cg10479452	<i>RTN4RL1</i>	chr17	Body	1.24	(0.85; 1.79)	2.6E-01
cg01204647	<i>FBXO38</i>	chr5	5'UTR	0.81	(0.57; 1.17)	2.6E-01
cg04460007	<i>DCUN1D4</i>	chr4	Body	1.23	(0.86; 1.75)	2.6E-01
cg24969942	<i>SLC16A9</i>	chr10	5'UTR	1.27	(0.84; 1.93)	2.6E-01
cg25203031	<i>SGIP1</i>	chr1	TSS200	0.77	(0.49; 1.21)	2.6E-01
cg15163159	<i>CDH11</i>	chr16	5'UTR	1.18	(0.88; 1.57)	2.6E-01
cg05982423	<i>CTNND2</i>	chr5	Body	0.75	(0.45; 1.24)	2.6E-01
cg05982423	<i>CTNND2</i>	chr5	5'UTR	0.75	(0.45; 1.24)	2.6E-01
cg27436717	<i>CDH13</i>	chr16	5'UTR	0.85	(0.64; 1.13)	2.6E-01
cg27436717	<i>CDH13</i>	chr16	Body	0.85	(0.64; 1.13)	2.6E-01
cg17705631	<i>GNA12</i>	chr7	Body	1.28	(0.83; 1.99)	2.6E-01
cg16339550	<i>ALCAM</i>	chr3	Body	0.83	(0.6; 1.15)	2.6E-01
cg10769178	<i>PTPRN2</i>	chr7	Body	1.25	(0.85; 1.84)	2.6E-01
cg04395439	<i>TENM2</i>	chr5	Body	0.76	(0.47; 1.23)	2.6E-01
cg14462553	<i>PTPRN2</i>	chr7	Body	1.19	(0.88; 1.61)	2.6E-01
cg22992503	<i>WWOX</i>	chr16	Body	1.21	(0.87; 1.67)	2.6E-01
cg00435063	<i>PTPRN2</i>	chr7	Body	0.82	(0.58; 1.16)	2.6E-01

cg03198275	<i>CHCHD6</i>	chr3	TSS200	0.81	(0.57; 1.16)	2.6E-01
cg05848484	<i>CACNA1C</i>	chr12	Body	0.76	(0.47; 1.23)	2.6E-01
cg12383147	<i>CDH13</i>	chr16	Body	0.79	(0.52; 1.19)	2.6E-01
cg01398181	<i>CACNA1C</i>	chr12	Body	0.82	(0.59; 1.16)	2.6E-01
cg11473412	<i>FBXO32</i>	chr8	Body	1.29	(0.83; 2.01)	2.6E-01
cg10021003	<i>MTNR1B</i>	chr11	TSS1500	1.22	(0.86; 1.74)	2.6E-01
cg16865135	<i>RTN4</i>	chr2	TSS1500	1.24	(0.85; 1.8)	2.6E-01
cg16865135	<i>RTN4</i>	chr2	Body	1.24	(0.85; 1.8)	2.6E-01
cg02956699	<i>PTPRN2</i>	chr7	Body	1.55	(0.72; 3.31)	2.6E-01
cg25891890	<i>ZNF704</i>	chr8	Body	0.83	(0.6; 1.15)	2.6E-01
cg12776754	<i>DACH1</i>	chr13	Body	0.81	(0.55; 1.17)	2.6E-01
cg04601045	<i>PTPRN2</i>	chr7	Body	1.2	(0.87; 1.67)	2.6E-01
cg22242408	<i>FBXO11</i>	chr2	5'UTR	1.2	(0.87; 1.65)	2.6E-01
cg17191367	<i>ELAVL4</i>	chr1	TSS1500	0.82	(0.58; 1.16)	2.6E-01
cg17191367	<i>ELAVL4</i>	chr1	Body	0.82	(0.58; 1.16)	2.6E-01
cg20005629	<i>PTPRN2</i>	chr7	Body	0.81	(0.56; 1.17)	2.6E-01
cg16629450	<i>AKAP13</i>	chr15	5'UTR	1.28	(0.83; 1.96)	2.6E-01
cg04571941	<i>TNRC18</i>	chr7	TSS200	0.81	(0.57; 1.17)	2.6E-01
cg14565408	<i>CUX2</i>	chr12	Body	1.27	(0.84; 1.93)	2.6E-01
cg24051057	<i>CCDC80</i>	chr3	Body	0.82	(0.57; 1.16)	2.6E-01
cg00981975	<i>SMARCD3</i>	chr7	TSS1500	1.28	(0.83; 1.98)	2.6E-01
cg06898168	<i>TNRC18</i>	chr7	Body	0.62	(0.26; 1.44)	2.6E-01
cg14640066	<i>RTN4</i>	chr2	Body	1.26	(0.84; 1.89)	2.6E-01
cg14640066	<i>RTN4</i>	chr2	1stExon	1.26	(0.84; 1.89)	2.6E-01
cg14640066	<i>RTN4</i>	chr2	5'UTR	1.26	(0.84; 1.89)	2.6E-01
cg06721096	<i>PTPRN2</i>	chr7	Body	1.21	(0.86; 1.7)	2.6E-01
cg08242024	<i>PTPRN2</i>	chr7	Body	0.84	(0.63; 1.14)	2.6E-01
cg09256836	<i>FBXO11</i>	chr2	Body	0.79	(0.51; 1.2)	2.6E-01
cg25384018	<i>CDH13</i>	chr16	TSS1500	0.81	(0.56; 1.17)	2.6E-01
cg11268049	<i>PTPRN2</i>	chr7	Body	0.78	(0.5; 1.21)	2.6E-01
cg07037223	<i>PTPRN2</i>	chr7	Body	1.21	(0.87; 1.68)	2.6E-01
cg21545849	<i>CHD6</i>	chr20	TSS200	1.19	(0.88; 1.6)	2.6E-01
cg06780830	<i>PTPRN2</i>	chr7	Body	1.2	(0.87; 1.64)	2.6E-01
cg19815109	<i>BARX2</i>	chr11	Body	0.82	(0.59; 1.16)	2.6E-01
cg20449654	<i>MTCL1</i>	chr18	Body	1.22	(0.86; 1.72)	2.6E-01
cg12859234	<i>DDHD2</i>	chr8	5'UTR	1.19	(0.88; 1.62)	2.6E-01
cg12859234	<i>DDHD2</i>	chr8	1stExon	1.19	(0.88; 1.62)	2.6E-01
cg02849583	<i>FSTL1</i>	chr3	Body	1.26	(0.84; 1.89)	2.6E-01
cg05024925	<i>MTCL1</i>	chr18	Body	1.24	(0.85; 1.81)	2.6E-01
cg11191368	<i>ZNF704</i>	chr8	Body	0.82	(0.58; 1.16)	2.6E-01
cg03943568	<i>CDH11</i>	chr16	5'UTR	0.83	(0.61; 1.15)	2.6E-01
cg17267880	<i>NOL4L</i>	chr20	Body	1.26	(0.84; 1.91)	2.6E-01
cg01898902	<i>FBXO33</i>	chr14	TSS1500	1.2	(0.87; 1.65)	2.6E-01
cg07875385	<i>COL5A2</i>	chr2	1stExon	1.23	(0.86; 1.76)	2.6E-01
cg07875385	<i>COL5A2</i>	chr2	5'UTR	1.23	(0.86; 1.76)	2.6E-01
cg26706676	<i>PTPRN2</i>	chr7	Body	0.84	(0.62; 1.14)	2.6E-01
cg04272632	<i>CSMD2</i>	chr1	Body	1.3	(0.82; 2.05)	2.6E-01
cg19631443	<i>WAC</i>	chr10	TSS200	0.82	(0.58; 1.16)	2.6E-01
cg19631443	<i>WAC</i>	chr10	TSS1500	0.82	(0.58; 1.16)	2.6E-01
cg02539798	<i>PTPRN2</i>	chr7	Body	0.84	(0.61; 1.14)	2.6E-01
cg03556243	<i>ZBTB20</i>	chr3	TSS1500	0.83	(0.59; 1.16)	2.7E-01
cg03556243	<i>ZBTB20</i>	chr3	5'UTR	0.83	(0.59; 1.16)	2.7E-01
cg03556243	<i>ZBTB20</i>	chr3	1stExon	0.83	(0.59; 1.16)	2.7E-01
cg13360566	<i>CHCHD6</i>	chr3	Body	0.84	(0.62; 1.14)	2.7E-01
cg03927473	<i>NOL4L</i>	chr20	Body	0.8	(0.55; 1.18)	2.7E-01
cg18628367	<i>PTPRN2</i>	chr7	Body	0.83	(0.6; 1.15)	2.7E-01
cg01623475	<i>WWOX</i>	chr16	Body	0.85	(0.64; 1.13)	2.7E-01
cg01168404	<i>CSMD2</i>	chr1	Body	1.25	(0.84; 1.84)	2.7E-01
cg10398297	<i>CTNND2</i>	chr5	Body	1.3	(0.82; 2.06)	2.7E-01
cg10398297	<i>CTNND2</i>	chr5	ExonBnd	1.3	(0.82; 2.06)	2.7E-01
cg19699973	<i>TNRC6C</i>	chr17	5'UTR	1.22	(0.86; 1.74)	2.7E-01

cg10801633	<i>PEX14</i>	chr1	Body	1.3	(0.82; 2.05)	2.7E-01
cg25731074	<i>CHCHD6</i>	chr3	Body	0.86	(0.65; 1.12)	2.7E-01
cg04110718	<i>RTN4RL1</i>	chr17	Body	1.23	(0.85; 1.77)	2.7E-01
cg19973668	<i>TENM2</i>	chr5	Body	1.22	(0.86; 1.74)	2.7E-01
cg05233288	<i>PEX14</i>	chr1	TSS1500	0.82	(0.58; 1.16)	2.7E-01
cg15948785	<i>PTPRN2</i>	chr7	Body	0.85	(0.64; 1.13)	2.7E-01
cg09684136	<i>ALCAM</i>	chr3	TSS1500	1.21	(0.86; 1.71)	2.7E-01
cg08627800	<i>PTPRN2</i>	chr7	Body	0.84	(0.62; 1.14)	2.7E-01
cg16202091	<i>PTPRN2</i>	chr7	Body	1.2	(0.87; 1.67)	2.7E-01
cg20633146	<i>TNR</i>	chr1	5'UTR	0.8	(0.53; 1.19)	2.7E-01
cg11656752	<i>RTN4RL1</i>	chr17	Body	1.23	(0.85; 1.78)	2.7E-01
cg07930089	<i>AKAP13</i>	chr15	5'UTR	0.82	(0.57; 1.17)	2.7E-01
cg07031665	<i>C11orf67</i>	chr11	TSS200	1.22	(0.86; 1.72)	2.7E-01
cg07096446	<i>FBXO11</i>	chr2	Body	1.2	(0.87; 1.65)	2.7E-01
cg05678155	<i>ZBTB20</i>	chr3	TSS1500	0.81	(0.56; 1.17)	2.7E-01
cg05678155	<i>ZBTB20</i>	chr3	Body	0.81	(0.56; 1.17)	2.7E-01
cg05678155	<i>ZBTB20</i>	chr3	5'UTR	0.81	(0.56; 1.17)	2.7E-01
cg04080180	<i>TNRC18</i>	chr7	5'UTR	1.24	(0.85; 1.8)	2.7E-01
cg02282041	<i>CDH13</i>	chr16	Body	0.83	(0.59; 1.15)	2.7E-01
cg19261526	<i>PTPRN2</i>	chr7	Body	0.83	(0.61; 1.15)	2.7E-01
cg14933832	<i>DNAI2</i>	chr17	Body	0.83	(0.59; 1.16)	2.7E-01
cg23697486	<i>CUX2</i>	chr12	Body	0.83	(0.59; 1.16)	2.7E-01
cg02134720	<i>TNFRSF11B</i>	chr8	Body	0.81	(0.56; 1.17)	2.7E-01
cg02617428	<i>PTPRN2</i>	chr7	Body	0.82	(0.57; 1.17)	2.7E-01
cg25153894	<i>ATF7IP</i>	chr12	5'UTR	0.79	(0.53; 1.2)	2.7E-01
cg25153894	<i>ATF7IP</i>	chr12	Body	0.79	(0.53; 1.2)	2.7E-01
cg21536815	<i>FBXO11</i>	chr2	5'UTR	1.25	(0.84; 1.87)	2.7E-01
cg01807702	<i>RTN4RL1</i>	chr17	Body	1.19	(0.88; 1.61)	2.7E-01
cg11380223	<i>PTPRN2</i>	chr7	Body	0.84	(0.61; 1.15)	2.7E-01
cg20375320	<i>CACNA1C</i>	chr12	Body	1.24	(0.85; 1.82)	2.7E-01
cg17484877	<i>PTPRN2</i>	chr7	Body	0.82	(0.59; 1.16)	2.7E-01
cg10459100	<i>CHCHD6</i>	chr3	Body	0.82	(0.58; 1.17)	2.7E-01
cg25772827	<i>CSMD2</i>	chr1	TSS1500	0.82	(0.57; 1.17)	2.7E-01
cg16874861	<i>MTCL1</i>	chr18	Body	0.83	(0.61; 1.15)	2.7E-01
cg04196520	<i>WVOX</i>	chr16	Body	1.2	(0.87; 1.65)	2.7E-01
cg25708755	<i>PTPRN2</i>	chr7	Body	1.17	(0.88; 1.55)	2.7E-01
cg05996213	<i>TNR</i>	chr1	1stExon	1.19	(0.88; 1.61)	2.7E-01
cg05996213	<i>TNR</i>	chr1	5'UTR	1.19	(0.88; 1.61)	2.7E-01
cg07048094	<i>PTPRN2</i>	chr7	Body	0.82	(0.58; 1.16)	2.7E-01
cg17875356	<i>ZBTB20</i>	chr3	5'UTR	1.28	(0.82; 2)	2.7E-01
cg23289581	<i>RTN4RL1</i>	chr17	Body	0.84	(0.61; 1.15)	2.7E-01
cg06481141	<i>CHD6</i>	chr20	Body	1.25	(0.84; 1.85)	2.7E-01
cg06145175	<i>FBXO31</i>	chr16	TSS1500	0.81	(0.55; 1.18)	2.7E-01
cg07503211	<i>TNRC18</i>	chr7	Body	1.24	(0.84; 1.83)	2.7E-01
cg24502224	<i>PEX14</i>	chr1	Body	1.2	(0.86; 1.68)	2.7E-01
cg24151528	<i>PTPRS</i>	chr19	Body	1.21	(0.86; 1.7)	2.7E-01
cg04288257	<i>PTPRN2</i>	chr7	ExonBnd	0.83	(0.6; 1.15)	2.7E-01
cg04288257	<i>PTPRN2</i>	chr7	Body	0.83	(0.6; 1.15)	2.7E-01
cg16351352	<i>FBXO34</i>	chr14	TSS1500	1.2	(0.87; 1.66)	2.7E-01
cg16351352	<i>FBXO34</i>	chr14	5'UTR	1.2	(0.87; 1.66)	2.7E-01
cg22458416	<i>SUGCT</i>	chr7	Body	0.84	(0.61; 1.15)	2.7E-01
cg16513984	<i>TNFRSF1B</i>	chr1	Body	1.27	(0.83; 1.95)	2.7E-01
cg22645476	<i>SUGCT</i>	chr7	Body	0.84	(0.62; 1.14)	2.7E-01
cg11734772	<i>PTPRN2</i>	chr7	Body	1.25	(0.84; 1.86)	2.7E-01
cg05894754	<i>UNC80</i>	chr2	Body	1.18	(0.88; 1.58)	2.7E-01
cg10004964	<i>SGIP1</i>	chr1	Body	1.26	(0.83; 1.92)	2.7E-01
cg20324057	<i>ZNFX04</i>	chr8	TSS1500	1.21	(0.86; 1.7)	2.7E-01
cg05939552	<i>BRUNOL4</i>	chr18	Body	0.83	(0.6; 1.15)	2.7E-01
cg21315209	<i>CTNND2</i>	chr5	Body	0.81	(0.55; 1.18)	2.7E-01
cg23993628	<i>ACVR2A</i>	chr2	Body	1.22	(0.86; 1.74)	2.7E-01
cg15086499	<i>TNRC18</i>	chr7	Body	0.78	(0.5; 1.21)	2.7E-01

cg24792245	WAC	chr10	TSS1500	0.83	(0.6; 1.15)	2.7E-01
cg20047612	SUGCT	chr7	Body	0.79	(0.52; 1.21)	2.7E-01
cg00124640	ORC4	chr2	ExonBnd	0.81	(0.55; 1.18)	2.7E-01
cg00124640	ORC4	chr2	Body	0.81	(0.55; 1.18)	2.7E-01
cg05134054	CUX2	chr12	Body	0.84	(0.61; 1.15)	2.7E-01
cg08572454	PTPRN2	chr7	Body	0.82	(0.58; 1.17)	2.7E-01
cg19518674	AKAP13	chr15	Body	0.8	(0.55; 1.19)	2.7E-01
cg17319486	BRUNOL4	chr18	TSS1500	1.21	(0.86; 1.69)	2.7E-01
cg03180489	CCDC80	chr3	TSS1500	0.8	(0.54; 1.19)	2.7E-01
cg12528597	RTN4RL2	chr11	Body	1.23	(0.85; 1.79)	2.7E-01
cg11741116	CTDSPL	chr3	Body	1.3	(0.81; 2.07)	2.7E-01
cg02055816	SMARCD3	chr7	Body	1.24	(0.84; 1.82)	2.7E-01
cg09219260	DACH1	chr13	Body	1.25	(0.84; 1.86)	2.7E-01
cg07691061	CTNND2	chr5	Body	1.23	(0.85; 1.78)	2.7E-01
cg07691061	CTNND2	chr5	5'UTR	1.23	(0.85; 1.78)	2.7E-01
cg19786287	SMARCD3	chr7	TSS200	0.82	(0.57; 1.17)	2.7E-01
cg19786287	SMARCD3	chr7	TSS1500	0.82	(0.57; 1.17)	2.7E-01
cg07305000	PTPRN2	chr7	Body	1.21	(0.86; 1.71)	2.7E-01
cg08892600	SUSD4	chr1	TSS1500	1.24	(0.85; 1.8)	2.7E-01
cg19243780	UBE2E2	chr3	Body	1.28	(0.82; 2)	2.7E-01
cg10789486	DACH1	chr13	Body	0.72	(0.4; 1.3)	2.7E-01
cg05135176	PTPRN2	chr7	Body	0.8	(0.54; 1.19)	2.7E-01
cg03529680	UNC80	chr2	Body	0.84	(0.61; 1.15)	2.7E-01
cg09052738	TNRC18	chr7	Body	0.8	(0.53; 1.2)	2.7E-01
cg11947493	TNFRSF10D	chr8	5'UTR	0.83	(0.6; 1.15)	2.7E-01
cg11947493	TNFRSF10D	chr8	1stExon	0.83	(0.6; 1.15)	2.7E-01
cg18773641	SUGCT	chr7	Body	1.2	(0.87; 1.65)	2.7E-01
cg18411660	PTPRN2	chr7	Body	1.18	(0.88; 1.6)	2.7E-01
cg06235522	MEIS2	chr15	Body	1.26	(0.83; 1.92)	2.7E-01
cg06390057	SUGCT	chr7	Body	0.84	(0.61; 1.15)	2.7E-01
cg00310497	FBXO36	chr2	Body	0.82	(0.57; 1.17)	2.7E-01
cg18773591	NRXN1	chr2	Body	0.73	(0.41; 1.29)	2.7E-01
cg26247345	ZBTB20	chr3	Body	0.71	(0.38; 1.31)	2.7E-01
cg26247345	ZBTB20	chr3	5'UTR	0.71	(0.38; 1.31)	2.7E-01
cg10668781	CACNA1C	chr12	Body	1.21	(0.86; 1.69)	2.7E-01
cg08083403	TNRC6A	chr16	TSS1500	0.85	(0.64; 1.13)	2.7E-01
cg05498379	WAC	chr10	TSS200	0.82	(0.57; 1.17)	2.7E-01
cg05498379	WAC	chr10	TSS1500	0.82	(0.57; 1.17)	2.7E-01
cg00156147	TENM2	chr5	Body	1.22	(0.86; 1.73)	2.7E-01
cg13542466	SMARCD3	chr7	TSS1500	1.21	(0.86; 1.71)	2.7E-01
cg13542466	SMARCD3	chr7	Body	1.21	(0.86; 1.71)	2.7E-01
cg01868752	CNTNAP2	chr7	Body	1.23	(0.85; 1.76)	2.8E-01
cg02317358	WVOX	chr16	Body	1.19	(0.87; 1.64)	2.8E-01
cg14311088	TNRC6B	chr22	Body	0.84	(0.61; 1.15)	2.8E-01
cg14311088	TNRC6B	chr22	TSS200	0.84	(0.61; 1.15)	2.8E-01
cg10702789	PHACTR1	chr6	Body	1.25	(0.84; 1.85)	2.8E-01
cg15570635	AKAP13	chr15	Body	1.21	(0.86; 1.71)	2.8E-01
cg10300540	AKAP13	chr15	Body	1.28	(0.82; 2.02)	2.8E-01
cg12806121	PEX14	chr1	Body	1.2	(0.86; 1.68)	2.8E-01
cg25534486	PTPRN2	chr7	Body	0.85	(0.63; 1.14)	2.8E-01
cg13742512	CUX2	chr12	Body	0.71	(0.38; 1.32)	2.8E-01
cg24844230	CHFR	chr12	Body	1.2	(0.87; 1.65)	2.8E-01
cg20721322	CNTNAP2	chr7	Body	1.19	(0.87; 1.64)	2.8E-01
cg03096471	DCUN1D4	chr4	Body	0.81	(0.55; 1.18)	2.8E-01
cg23240589	RTN4	chr2	Body	0.84	(0.62; 1.15)	2.8E-01
cg01231125	UBE2E2	chr3	3'UTR	0.8	(0.53; 1.2)	2.8E-01
cg22774472	COL5A2	chr2	TSS200	1.23	(0.85; 1.77)	2.8E-01
cg04996852	CREBBP	chr16	1stExon	0.83	(0.6; 1.16)	2.8E-01
cg04996852	CREBBP	chr16	5'UTR	0.83	(0.6; 1.16)	2.8E-01
cg25950769	AKAP13	chr15	5'UTR	1.21	(0.86; 1.71)	2.8E-01
cg02147465	ZBTB20	chr3	Body	0.78	(0.5; 1.22)	2.8E-01

cg24711637	NOL4	chr18	TSS1500	0.82	(0.58; 1.17)	2.8E-01
cg24711637	NOL4	chr18	Body	0.82	(0.58; 1.17)	2.8E-01
cg09816096	PTPRS	chr19	Body	0.83	(0.59; 1.16)	2.8E-01
cg09664186	FBXO11	chr2	5'UTR	1.4	(0.76; 2.56)	2.8E-01
cg22636811	TENM2	chr5	Body	0.82	(0.58; 1.17)	2.8E-01
cg05309328	TNFRSF11A	chr18	Body	1.19	(0.87; 1.62)	2.8E-01
cg03653726	GNA12	chr7	3'UTR	0.83	(0.59; 1.16)	2.8E-01
cg06962684	BRUNOL4	chr18	Body	1.23	(0.85; 1.78)	2.8E-01
cg03661076	FBXO31	chr16	Body	1.22	(0.86; 1.73)	2.8E-01
cg14426104	DMXL2	chr15	Body	1.23	(0.85; 1.78)	2.8E-01
cg13136242	CTDSPL2	chr15	TSS200	0.83	(0.6; 1.16)	2.8E-01
cg16013015	ATP6V0C	chr16	1stExon	0.83	(0.59; 1.16)	2.8E-01
cg16013015	ATP6V0C	chr16	5'UTR	0.83	(0.59; 1.16)	2.8E-01
cg03908109	MTNR1A	chr4	Body	1.18	(0.87; 1.6)	2.8E-01
cg12794620	RTN4RL1	chr17	TSS200	1.21	(0.86; 1.69)	2.8E-01
cg08882470	CACNA1C	chr12	Body	1.35	(0.78; 2.33)	2.8E-01
cg20707991	PTPRN2	chr7	Body	1.21	(0.86; 1.69)	2.8E-01
cg08785396	ALCAM	chr3	Body	0.84	(0.61; 1.15)	2.8E-01
cg08951403	PTPRN2	chr7	Body	1.21	(0.86; 1.71)	2.8E-01
cg08953938	RTN4	chr2	Body	0.83	(0.6; 1.16)	2.8E-01
cg15833565	ERI3	chr1	Body	0.79	(0.52; 1.21)	2.8E-01
cg04025761	CUX2	chr12	Body	0.84	(0.61; 1.15)	2.8E-01
cg11417319	PTPRN2	chr7	Body	1.23	(0.85; 1.77)	2.8E-01
cg09856200	CTNND2	chr5	Body	0.81	(0.56; 1.18)	2.8E-01
cg08463614	TENM2	chr5	Body	1.21	(0.86; 1.7)	2.8E-01
cg14970796	RNU5E-1	chr5	Body	0.84	(0.62; 1.15)	2.8E-01
cg02064158	RTN4RL1	chr17	TSS1500	1.23	(0.84; 1.79)	2.8E-01
cg25059070	PTPRN2	chr7	Body	1.2	(0.86; 1.68)	2.8E-01
cg13027142	NRXN1	chr2	Body	1.19	(0.87; 1.62)	2.8E-01
cg11825324	PTPRN2	chr7	Body	0.81	(0.55; 1.19)	2.8E-01
cg12933719	POU2F1	chr1	Body	1.25	(0.83; 1.88)	2.8E-01
cg12110036	SCAF8	chr6	Body	1.18	(0.87; 1.61)	2.8E-01
cg07956346	SGIP1	chr1	Body	0.83	(0.59; 1.16)	2.8E-01
cg01688293	CHFR	chr12	Body	1.21	(0.86; 1.71)	2.8E-01
cg05467318	AKAP13	chr15	Body	0.8	(0.54; 1.19)	2.8E-01
cg26968962	FBXO31	chr16	Body	0.85	(0.63; 1.14)	2.8E-01
cg26968962	FBXO31	chr16	TSS1500	0.85	(0.63; 1.14)	2.8E-01
cg26365957	PTPRS	chr19	5'UTR	1.2	(0.86; 1.67)	2.8E-01
cg22767408	FBXO36	chr2	Body	1.22	(0.85; 1.74)	2.8E-01
cg12895407	TENM2	chr5	Body	0.81	(0.55; 1.19)	2.8E-01
cg15086714	TENM2	chr5	Body	0.83	(0.59; 1.17)	2.8E-01
cg14750751	CUX2	chr12	Body	0.82	(0.58; 1.17)	2.8E-01
cg06819373	PTPRN2	chr7	Body	0.82	(0.58; 1.17)	2.8E-01
cg14859916	CNTNAP2	chr7	Body	0.86	(0.65; 1.14)	2.8E-01
cg21624337	CTNND2	chr5	Body	1.2	(0.86; 1.68)	2.8E-01
cg21265989	FBXO31	chr16	TSS1500	1.23	(0.84; 1.8)	2.8E-01
cg09956718	UNC80	chr2	Body	0.84	(0.61; 1.15)	2.8E-01
cg23211119	CACNA1C	chr12	Body	1.27	(0.82; 1.96)	2.8E-01
cg04920279	GNA12	chr7	Body	1.22	(0.85; 1.75)	2.8E-01
cg15535798	CTDSPL2	chr15	Body	1.19	(0.87; 1.63)	2.8E-01
cg15535798	CTDSPL2	chr15	ExonBnd	1.19	(0.87; 1.63)	2.8E-01
cg05793240	GNA12	chr7	Body	1.18	(0.87; 1.61)	2.8E-01
cg14494018	PHACTR1	chr6	Body	0.82	(0.58; 1.17)	2.8E-01
cg01239704	PTPRN2	chr7	Body	0.84	(0.61; 1.15)	2.8E-01
cg09250693	PTPRN2	chr7	Body	1.2	(0.86; 1.68)	2.8E-01
cg16249010	PTPRN2	chr7	Body	1.19	(0.86; 1.65)	2.8E-01
cg01787084	FBXO31	chr16	Body	0.54	(0.18; 1.65)	2.8E-01
cg25481630	PTPRN2	chr7	Body	0.8	(0.53; 1.2)	2.8E-01
cg26636474	PTPRN2	chr7	Body	0.83	(0.58; 1.17)	2.8E-01
cg10322360	PEX14	chr1	Body	0.83	(0.59; 1.17)	2.8E-01
cg15470745	DMXL2	chr15	Body	0.81	(0.55; 1.19)	2.8E-01

cg05263760	<i>PHACTR1</i>	chr6	Body	0.83	(0.59; 1.17)	2.8E-01
cg04007350	<i>PTPRN2</i>	chr7	Body	0.79	(0.51; 1.22)	2.8E-01
cg00848945	<i>CACNA1C</i>	chr12	3'UTR	1.21	(0.86; 1.69)	2.8E-01
cg12258607	<i>PHACTR1</i>	chr6	TSS1500	0.83	(0.59; 1.17)	2.8E-01
cg01780378	<i>TNRC18</i>	chr7	5'UTR	0.84	(0.62; 1.15)	2.8E-01
cg08576518	<i>PTPRN2</i>	chr7	Body	0.84	(0.62; 1.15)	2.8E-01
cg20126874	<i>WVOX</i>	chr16	Body	1.22	(0.85; 1.75)	2.8E-01
cg00280858	<i>PTPRN2</i>	chr7	Body	0.82	(0.57; 1.18)	2.8E-01
cg15192120	<i>PTPRN2</i>	chr7	Body	0.82	(0.57; 1.18)	2.8E-01
cg02116416	<i>PTPRN2</i>	chr7	Body	0.84	(0.61; 1.15)	2.8E-01
cg15583193	<i>PTPRN2</i>	chr7	Body	1.21	(0.86; 1.7)	2.8E-01
cg16104006	<i>RTN4RL1</i>	chr17	Body	0.84	(0.61; 1.15)	2.8E-01
cg05050757	<i>ATF7</i>	chr12	5'UTR	0.83	(0.59; 1.16)	2.8E-01
cg26362368	<i>PEX14</i>	chr1	Body	1.36	(0.78; 2.37)	2.8E-01
cg09189772	<i>CDH13</i>	chr16	Body	0.74	(0.42; 1.29)	2.8E-01
cg11698252	<i>AKAP13</i>	chr15	Body	0.83	(0.59; 1.17)	2.8E-01
cg11698252	<i>AKAP13</i>	chr15	TSS1500	0.83	(0.59; 1.17)	2.8E-01
cg10658277	<i>NOL4</i>	chr18	5'UTR	1.21	(0.85; 1.73)	2.8E-01
cg10658277	<i>NOL4</i>	chr18	Body	1.21	(0.85; 1.73)	2.8E-01
cg05433557	<i>PTPRN2</i>	chr7	Body	1.24	(0.84; 1.84)	2.8E-01
cg02637698	<i>PTPRN2</i>	chr7	Body	1.19	(0.87; 1.63)	2.8E-01
cg05585630	<i>PTPRN2</i>	chr7	Body	1.17	(0.88; 1.56)	2.8E-01
cg00462004	<i>RTN4</i>	chr2	Body	1.31	(0.8; 2.14)	2.8E-01
cg25782293	<i>PTPRN2</i>	chr7	Body	1.29	(0.81; 2.08)	2.8E-01
cg04826336	<i>PTPRN2</i>	chr7	Body	0.83	(0.59; 1.17)	2.8E-01
cg18921123	<i>SRSF10</i>	chr1	TSS200	0.84	(0.61; 1.16)	2.8E-01
cg25049299	<i>PTPRU</i>	chr1	Body	0.73	(0.4; 1.31)	2.8E-01
cg23730151	<i>DDHD2</i>	chr8	Body	0.84	(0.61; 1.16)	2.8E-01
cg17244098	<i>TNFRSF1B</i>	chr1	TSS1500	1.19	(0.86; 1.65)	2.8E-01
cg04707706	<i>NRXN1</i>	chr2	Body	1.16	(0.88; 1.53)	2.8E-01
cg04707706	<i>NRXN1</i>	chr2	TSS1500	1.16	(0.88; 1.53)	2.8E-01
cg23510449	<i>CDH13</i>	chr16	Body	1.18	(0.87; 1.6)	2.8E-01
cg00423030	<i>TNRC6C</i>	chr17	5'UTR	1.2	(0.86; 1.66)	2.8E-01
cg08530934	<i>PTPRN2</i>	chr7	Body	1.19	(0.87; 1.64)	2.9E-01
cg20040399	<i>TNFRSF10D</i>	chr8	Body	1.26	(0.83; 1.92)	2.9E-01
cg01937840	<i>CTNND2</i>	chr5	Body	0.83	(0.59; 1.17)	2.9E-01
cg00355217	<i>ZNF704</i>	chr8	Body	0.82	(0.57; 1.18)	2.9E-01
cg22199651	<i>PTPRN2</i>	chr7	Body	0.82	(0.57; 1.18)	2.9E-01
cg06609051	<i>NRXN1</i>	chr2	Body	0.83	(0.59; 1.17)	2.9E-01
cg11173148	<i>PTPRN2</i>	chr7	Body	0.84	(0.62; 1.15)	2.9E-01
cg11018991	<i>UBE2E2</i>	chr3	Body	1.25	(0.83; 1.9)	2.9E-01
cg12073979	<i>CACNA1C</i>	chr12	Body	1.21	(0.85; 1.71)	2.9E-01
cg02741158	<i>CDH11</i>	chr16	5'UTR	1.25	(0.83; 1.9)	2.9E-01
cg19458022	<i>PTPRN2</i>	chr7	Body	1.19	(0.87; 1.62)	2.9E-01
cg15684577	<i>PTPRN2</i>	chr7	3'UTR	1.19	(0.86; 1.64)	2.9E-01
cg26874693	<i>CUX2</i>	chr12	Body	0.77	(0.47; 1.25)	2.9E-01
cg26629022	<i>SUGCT</i>	chr7	TSS200	0.83	(0.58; 1.17)	2.9E-01
cg23246296	<i>FBXO38</i>	chr5	Body	0.82	(0.56; 1.18)	2.9E-01
cg27112146	<i>ACVR2A</i>	chr2	Body	0.81	(0.55; 1.19)	2.9E-01
cg25867268	<i>TNRC6B</i>	chr22	5'UTR	1.2	(0.85; 1.7)	2.9E-01
cg02001606	<i>SMARCD3</i>	chr7	Body	0.86	(0.65; 1.14)	2.9E-01
cg06387496	<i>GNA12</i>	chr7	Body	0.83	(0.58; 1.17)	2.9E-01
cg11055991	<i>PTPRN2</i>	chr7	Body	0.85	(0.63; 1.15)	2.9E-01
cg16434681	<i>TNRC18</i>	chr7	Body	0.83	(0.59; 1.17)	2.9E-01
cg19080590	<i>CDH13</i>	chr16	Body	0.83	(0.58; 1.18)	2.9E-01
cg12508214	<i>FBXO32</i>	chr8	TSS200	0.82	(0.58; 1.18)	2.9E-01
cg07459363	<i>CTNND2</i>	chr5	Body	0.8	(0.53; 1.21)	2.9E-01
cg02245391	<i>TENM2</i>	chr5	Body	0.83	(0.59; 1.17)	2.9E-01
cg12307840	<i>SUSD4</i>	chr1	TSS1500	1.2	(0.86; 1.69)	2.9E-01
cg23904501	<i>PTPRS</i>	chr19	5'UTR	1.23	(0.84; 1.78)	2.9E-01
cg04211238	<i>TENM2</i>	chr5	Body	0.8	(0.52; 1.21)	2.9E-01

cg25244800	MEIS2	chr15	Body	0.84	(0.6; 1.16)	2.9E-01
cg27598407	ATF7IP	chr12	5'UTR	0.81	(0.55; 1.2)	2.9E-01
cg17716500	TNRC6B	chr22	Body	1.99	(0.56; 7.12)	2.9E-01
cg13799287	WAC	chr10	TSS200	1.21	(0.85; 1.74)	2.9E-01
cg13799287	WAC	chr10	Body	1.21	(0.85; 1.74)	2.9E-01
cg25910261	PTPRN2	chr7	Body	1.24	(0.83; 1.83)	2.9E-01
cg10863702	CSMD2	chr1	Body	0.79	(0.5; 1.23)	2.9E-01
cg22865986	FBXO36	chr2	TSS1500	1.2	(0.85; 1.7)	2.9E-01
cg02377544	MEIS2	chr15	Body	1.19	(0.86; 1.66)	2.9E-01
cg14875171	NRXN1	chr2	Body	0.73	(0.4; 1.32)	2.9E-01
cg14875171	NRXN1	chr2	1stExon	0.73	(0.4; 1.32)	2.9E-01
cg14875171	NRXN1	chr2	5'UTR	0.73	(0.4; 1.32)	2.9E-01
cg06053528	MEX3A	chr1	Body	1.18	(0.87; 1.61)	2.9E-01
cg06413426	CUX2	chr12	Body	1.21	(0.85; 1.73)	2.9E-01
cg08561514	WVOX	chr16	Body	0.84	(0.61; 1.16)	2.9E-01
cg05680541	CTDSP2	chr12	Body	1.18	(0.86; 1.62)	2.9E-01
cg00185804	TNFRSF10B	chr8	Body	0.82	(0.56; 1.19)	2.9E-01
cg22902266	BARX1	chr9	3'UTR	0.82	(0.57; 1.19)	2.9E-01
cg00371107	ARID1A	chr1	1stExon	0.83	(0.58; 1.17)	2.9E-01
cg23480273	UBE2E2	chr3	Body	0.8	(0.52; 1.22)	2.9E-01
cg13197200	DNAI2	chr17	5'UTR	1.19	(0.86; 1.64)	2.9E-01
cg06826929	PTPRS	chr19	Body	1.22	(0.84; 1.77)	2.9E-01
cg05330126	MTCL1	chr18	Body	0.76	(0.45; 1.27)	2.9E-01
cg13709612	BRUNOL4	chr18	Body	1.24	(0.83; 1.84)	2.9E-01
cg05059605	BARX2	chr11	TSS1500	0.82	(0.56; 1.19)	2.9E-01
cg20701850	GOLT1B	chr12	Body	1.21	(0.85; 1.71)	2.9E-01
cg20701850	RECQL	chr12	TSS1500	1.21	(0.85; 1.71)	2.9E-01
cg22677723	RTN4R	chr22	3'UTR	0.84	(0.61; 1.16)	2.9E-01
cg05884711	ATP6V0C	chr16	TSS1500	1.25	(0.82; 1.9)	2.9E-01
cg14619203	PHACTR1	chr6	Body	0.83	(0.58; 1.18)	2.9E-01
cg22791545	RTN4RL1	chr17	Body	1.29	(0.8; 2.05)	2.9E-01
cg03002689	RTN4R	chr22	Body	1.41	(0.74; 2.68)	2.9E-01
cg04580068	UBE2E2	chr3	Body	1.17	(0.87; 1.58)	2.9E-01
cg10566855	PTPRN2	chr7	Body	1.18	(0.86; 1.62)	2.9E-01
cg11890278	NOL4	chr18	5'UTR	1.26	(0.82; 1.93)	2.9E-01
cg11890278	NOL4	chr18	Body	1.26	(0.82; 1.93)	2.9E-01
cg18876494	RAP1B	chr12	TSS1500	1.19	(0.86; 1.65)	2.9E-01
cg18644049	RNU5E-1	chr5	Body	1.22	(0.84; 1.76)	2.9E-01
cg11301337	PTPRN2	chr7	Body	1.18	(0.86; 1.62)	2.9E-01
cg21186888	UNC80	chr2	Body	0.82	(0.57; 1.18)	2.9E-01
cg07501283	PTPRN2	chr7	Body	0.83	(0.59; 1.17)	2.9E-01
cg21102737	TSHZ3	chr19	Body	1.22	(0.84; 1.78)	2.9E-01
cg00628091	WVOX	chr16	Body	0.84	(0.61; 1.16)	2.9E-01
cg12450779	ATF7IP2	chr16	TSS1500	1.17	(0.87; 1.57)	2.9E-01
cg08222607	ALCAM	chr3	Body	0.71	(0.38; 1.34)	2.9E-01
cg13808083	BARX1	chr9	Body	1.22	(0.84; 1.78)	2.9E-01
cg13108609	ZBTB20	chr3	Body	1.22	(0.84; 1.76)	3.0E-01
cg13108609	ZBTB20	chr3	5'UTR	1.22	(0.84; 1.76)	3.0E-01
cg20705893	PTPRN2	chr7	Body	0.83	(0.59; 1.17)	3.0E-01
cg05601974	SMARCD3	chr7	Body	1.2	(0.86; 1.67)	3.0E-01
cg00577182	BARX2	chr11	TSS1500	0.84	(0.61; 1.16)	3.0E-01
cg06880494	CNTNAP2	chr7	Body	1.23	(0.84; 1.8)	3.0E-01
cg10985810	PTPRN2	chr7	Body	1.24	(0.83; 1.87)	3.0E-01
cg02259284	ALCAM	chr3	TSS200	0.86	(0.64; 1.14)	3.0E-01
cg23453466	PTPRN2	chr7	Body	0.84	(0.61; 1.16)	3.0E-01
cg13368756	CTNND2	chr5	TSS200	0.84	(0.61; 1.17)	3.0E-01
cg11884933	GNA12	chr7	Body	1.56	(0.68; 3.57)	3.0E-01
cg21108811	CACNA1C	chr12	Body	1.2	(0.85; 1.67)	3.0E-01
cg09458443	ATF7IP	chr12	TSS1500	1.17	(0.87; 1.55)	3.0E-01
cg23921342	CSMD2	chr1	Body	0.81	(0.54; 1.2)	3.0E-01
cg18552839	ATF7	chr12	Body	0.84	(0.6; 1.17)	3.0E-01

cg04923875	<i>TNR</i>	chr1	5'UTR	0.8	(0.53; 1.22)	3.0E-01
cg03990984	<i>ERI3</i>	chr1	1stExon	1.18	(0.87; 1.61)	3.0E-01
cg03990984	<i>ERI3</i>	chr1	5'UTR	1.18	(0.87; 1.61)	3.0E-01
cg01507577	<i>CNTNAP2</i>	chr7	Body	1.21	(0.85; 1.73)	3.0E-01
cg06109876	<i>FBXO32</i>	chr8	TSS1500	0.84	(0.61; 1.17)	3.0E-01
cg06109876	<i>FBXO32</i>	chr8	Body	0.84	(0.61; 1.17)	3.0E-01
cg26893445	<i>AKAP13</i>	chr15	5'UTR	1.19	(0.86; 1.64)	3.0E-01
cg16269266	<i>WVOX</i>	chr16	Body	1.37	(0.76; 2.47)	3.0E-01
cg16289485	<i>CUX2</i>	chr12	Body	0.84	(0.61; 1.16)	3.0E-01
cg02296376	<i>RTN4R</i>	chr22	Body	1.26	(0.82; 1.93)	3.0E-01
cg19547192	<i>PTPRN2</i>	chr7	Body	0.84	(0.59; 1.17)	3.0E-01
cg21815508	<i>PTPRN2</i>	chr7	Body	1.19	(0.86; 1.63)	3.0E-01
cg23070487	<i>TNFRSF10B</i>	chr8	Body	0.82	(0.56; 1.19)	3.0E-01
cg22813585	<i>TNRC6B</i>	chr22	Body	1.19	(0.86; 1.66)	3.0E-01
cg23740652	<i>PTPRN2</i>	chr7	Body	1.19	(0.86; 1.64)	3.0E-01
cg07618675	<i>CREBBP</i>	chr16	Body	1.23	(0.83; 1.81)	3.0E-01
cg09081517	<i>TNFRSF1B</i>	chr1	TSS1500	0.84	(0.6; 1.17)	3.0E-01
cg23808337	<i>PTPRN2</i>	chr7	Body	1.21	(0.85; 1.72)	3.0E-01
cg01656421	<i>NOL4</i>	chr18	5'UTR	0.81	(0.55; 1.2)	3.0E-01
cg01656421	<i>NOL4</i>	chr18	Body	0.81	(0.55; 1.2)	3.0E-01
cg01656421	<i>NOL4</i>	chr18	1stExon	0.81	(0.55; 1.2)	3.0E-01
cg04232325	<i>SUSD4</i>	chr1	5'UTR	0.85	(0.62; 1.16)	3.0E-01
cg07511284	<i>CSMD2</i>	chr1	ExonBnd	1.29	(0.8; 2.07)	3.0E-01
cg07511284	<i>CSMD2</i>	chr1	Body	1.29	(0.8; 2.07)	3.0E-01
cg02564299	<i>ZBTB20</i>	chr3	5'UTR	0.79	(0.51; 1.23)	3.0E-01
cg07992625	<i>ATF7</i>	chr12	TSS1500	0.82	(0.56; 1.2)	3.0E-01
cg19975403	<i>CACNA1C</i>	chr12	Body	1.32	(0.78; 2.25)	3.0E-01
cg16915316	<i>CTDSP2</i>	chr12	Body	1.26	(0.82; 1.94)	3.0E-01
cg19159466	<i>FBXO32</i>	chr8	5'UTR	0.84	(0.6; 1.17)	3.0E-01
cg19159466	<i>FBXO32</i>	chr8	Body	0.84	(0.6; 1.17)	3.0E-01
cg20981107	<i>PTPRU</i>	chr1	Body	1.22	(0.84; 1.79)	3.0E-01
cg01290963	<i>PTPRN2</i>	chr7	Body	0.85	(0.62; 1.16)	3.0E-01
cg17164499	<i>FBXO36</i>	chr2	Body	0.84	(0.6; 1.17)	3.0E-01
cg17316096	<i>PTPRN2</i>	chr7	Body	1.19	(0.86; 1.65)	3.0E-01
cg12229081	<i>TNRC6A</i>	chr16	Body	1.16	(0.88; 1.53)	3.0E-01
cg14286665	<i>FBXO11</i>	chr2	TSS200	0.85	(0.63; 1.15)	3.0E-01
cg01840508	<i>LOC101928417</i>	chr16	Body	1.17	(0.87; 1.58)	3.0E-01
cg01840508	<i>CDH13</i>	chr16	5'UTR	1.17	(0.87; 1.58)	3.0E-01
cg01840508	<i>CDH13</i>	chr16	Body	1.17	(0.87; 1.58)	3.0E-01
cg27649253	<i>PTPRS</i>	chr19	Body	0.82	(0.56; 1.19)	3.0E-01
cg03045425	<i>NOL4</i>	chr18	TSS200	1.22	(0.84; 1.79)	3.0E-01
cg03180552	<i>PTPRN2</i>	chr7	Body	0.85	(0.63; 1.15)	3.0E-01
cg13398482	<i>BARX1</i>	chr9	Body	1.22	(0.84; 1.77)	3.0E-01
cg20876466	<i>PTPRN2</i>	chr7	Body	1.19	(0.86; 1.64)	3.0E-01
cg09855155	<i>TENM2</i>	chr5	Body	1.26	(0.81; 1.96)	3.0E-01
cg25024676	<i>TNFRSF19</i>	chr13	5'UTR	1.2	(0.85; 1.7)	3.0E-01
cg25024676	<i>TNFRSF19</i>	chr13	TSS200	1.2	(0.85; 1.7)	3.0E-01
cg01948671	<i>ARID1A</i>	chr1	Body	0.84	(0.61; 1.17)	3.0E-01
cg02226934	<i>MTNR1A</i>	chr4	Body	0.84	(0.61; 1.16)	3.0E-01
cg09108073	<i>CDH11</i>	chr16	5'UTR	0.84	(0.61; 1.17)	3.0E-01
cg18712299	<i>RNU5E-1</i>	chr5	Body	0.76	(0.46; 1.28)	3.0E-01
cg23178546	<i>PTPRN2</i>	chr7	Body	1.19	(0.86; 1.64)	3.0E-01
cg06377417	<i>NRXN1</i>	chr2	Body	0.78	(0.49; 1.25)	3.0E-01
cg20194947	<i>PTPRN2</i>	chr7	Body	0.85	(0.62; 1.16)	3.0E-01
cg18748332	<i>ATF7</i>	chr12	1stExon	1.18	(0.86; 1.62)	3.0E-01
cg18748332	<i>ATF7</i>	chr12	5'UTR	1.18	(0.86; 1.62)	3.0E-01
ch.4.1080479F	<i>DCUN1D4</i>	chr4	Body	1.2	(0.85; 1.71)	3.0E-01
cg23042011	<i>NRXN1</i>	chr2	5'UTR	1.18	(0.86; 1.62)	3.0E-01
cg24110408	<i>MTCL1</i>	chr18	Body	1.31	(0.79; 2.16)	3.0E-01
cg20583615	<i>PTPRN2</i>	chr7	Body	1.22	(0.84; 1.77)	3.0E-01
ch.1.1103899F	<i>CSMD2</i>	chr1	Body	0.85	(0.63; 1.15)	3.0E-01

cg16507511	<i>FBXO33</i>	chr14	TSS1500	1.2	(0.85; 1.72)	3.0E-01
cg22749535	<i>TNR</i>	chr1	5'UTR	0.84	(0.61; 1.17)	3.0E-01
cg01818215	<i>TNFRSF11A</i>	chr18	Body	1.21	(0.84; 1.75)	3.0E-01
cg01877778	<i>PTPRN2</i>	chr7	Body	1.24	(0.82; 1.89)	3.0E-01
cg00461841	<i>ATF7IP2</i>	chr16	5'UTR	1.2	(0.85; 1.71)	3.0E-01
cg25065836	<i>CACNA1C</i>	chr12	Body	0.85	(0.63; 1.15)	3.0E-01
cg26019549	<i>TNFRSF11B</i>	chr8	Body	0.82	(0.57; 1.19)	3.0E-01
cg17562433	<i>DNAI2</i>	chr17	TSS1500	0.84	(0.61; 1.17)	3.0E-01
cg00908526	<i>CTNND2</i>	chr5	5'UTR	1.25	(0.82; 1.91)	3.0E-01
cg00908526	<i>CTNND2</i>	chr5	1stExon	1.25	(0.82; 1.91)	3.0E-01
cg24274272	<i>DNAI2</i>	chr17	Body	0.84	(0.6; 1.17)	3.0E-01
cg27186436	<i>TNRC6A</i>	chr16	Body	0.83	(0.59; 1.18)	3.0E-01
cg25301776	<i>WWOX</i>	chr16	Body	1.21	(0.84; 1.73)	3.0E-01
cg16347412	<i>PTPRN2</i>	chr7	Body	0.86	(0.65; 1.14)	3.0E-01
cg24481303	<i>PTPRN2</i>	chr7	Body	0.86	(0.64; 1.15)	3.0E-01
cg03151187	<i>BRUNOL4</i>	chr18	TSS1500	1.19	(0.86; 1.64)	3.0E-01
cg14053575	<i>CNTNAP2</i>	chr7	Body	1.25	(0.82; 1.92)	3.0E-01
cg08084502	<i>CPEB1</i>	chr15	Body	1.21	(0.84; 1.72)	3.0E-01
cg08084502	<i>CPEB1</i>	chr15	TSS200	1.21	(0.84; 1.72)	3.0E-01
cg02789991	<i>CDH13</i>	chr16	5'UTR	0.83	(0.59; 1.18)	3.0E-01
cg02789991	<i>CDH13</i>	chr16	Body	0.83	(0.59; 1.18)	3.0E-01
cg23186952	<i>ZFP91</i>	chr11	Body	1.17	(0.87; 1.59)	3.1E-01
cg00091633	<i>FSTL1</i>	chr3	TSS1500	1.24	(0.82; 1.88)	3.1E-01
cg14619832	<i>TNRC6A</i>	chr16	Body	0.85	(0.63; 1.15)	3.1E-01
cg02725153	<i>SUGCT</i>	chr7	Body	1.18	(0.86; 1.62)	3.1E-01
cg06167261	<i>RTN4RL1</i>	chr17	Body	1.32	(0.78; 2.22)	3.1E-01
cg23321841	<i>CACNA1C</i>	chr12	5'UTR	0.85	(0.62; 1.16)	3.1E-01
cg23321841	<i>CACNA1C</i>	chr12	TSS200	0.85	(0.62; 1.16)	3.1E-01
cg23321841	<i>CACNA1C</i>	chr12	1stExon	0.85	(0.62; 1.16)	3.1E-01
cg16492510	<i>PTPRN2</i>	chr7	Body	1.16	(0.87; 1.55)	3.1E-01
cg11067956	<i>CHCHD6</i>	chr3	Body	1.2	(0.85; 1.69)	3.1E-01
cg24764310	<i>PTPRN2</i>	chr7	Body	1.2	(0.85; 1.68)	3.1E-01
cg10091135	<i>CDH13</i>	chr16	ExonBnd	1.17	(0.87; 1.58)	3.1E-01
cg10091135	<i>CDH13</i>	chr16	Body	1.17	(0.87; 1.58)	3.1E-01
cg04456624	<i>RECQL5</i>	chr17	1stExon	1.24	(0.82; 1.86)	3.1E-01
cg04456624	<i>RECQL5</i>	chr17	5'UTR	1.24	(0.82; 1.86)	3.1E-01
cg17638248	<i>TNR</i>	chr1	5'UTR	0.85	(0.63; 1.16)	3.1E-01
cg13859468	<i>CTNND2</i>	chr5	Body	0.71	(0.37; 1.37)	3.1E-01
cg10134076	<i>TNRC6A</i>	chr16	Body	0.85	(0.62; 1.16)	3.1E-01
cg06905516	<i>TNFRSF10D</i>	chr8	TSS1500	1.21	(0.84; 1.73)	3.1E-01
cg11815662	<i>DCUN1D4</i>	chr4	Body	1.18	(0.86; 1.62)	3.1E-01
cg11815662	<i>DCUN1D4</i>	chr4	5'UTR	1.18	(0.86; 1.62)	3.1E-01
cg17708276	<i>WWOX</i>	chr16	Body	0.69	(0.33; 1.41)	3.1E-01
cg18751657	<i>PTPRN2</i>	chr7	Body	1.23	(0.83; 1.83)	3.1E-01
cg14839351	<i>BRUNOL4</i>	chr18	TSS1500	0.8	(0.52; 1.23)	3.1E-01
cg07357157	<i>PEX14</i>	chr1	3'UTR	1.19	(0.85; 1.66)	3.1E-01
cg05673731	<i>PTPRU</i>	chr1	Body	1.21	(0.84; 1.75)	3.1E-01
cg11409923	<i>RTN4RL1</i>	chr17	Body	1.21	(0.84; 1.73)	3.1E-01
cg20931755	<i>PTPRN2</i>	chr7	Body	0.84	(0.61; 1.17)	3.1E-01
cg01451345	<i>PTPRN2</i>	chr7	Body	0.83	(0.59; 1.18)	3.1E-01
cg08279598	<i>WAC</i>	chr10	Body	1.17	(0.86; 1.6)	3.1E-01
cg22779920	<i>CHCHD6</i>	chr3	TSS200	1.19	(0.85; 1.65)	3.1E-01
cg10767008	<i>PTPRN2</i>	chr7	Body	0.86	(0.64; 1.15)	3.1E-01
cg01402914	<i>CACNA1C</i>	chr12	Body	1.17	(0.86; 1.59)	3.1E-01
cg27112565	<i>NRXN1</i>	chr2	5'UTR	0.82	(0.57; 1.2)	3.1E-01
cg27112565	<i>NRXN1</i>	chr2	1stExon	0.82	(0.57; 1.2)	3.1E-01
cg14047507	<i>EIF2S1</i>	chr14	5'UTR	1.17	(0.86; 1.59)	3.1E-01
cg25109618	<i>PTPRN2</i>	chr7	Body	1.18	(0.85; 1.64)	3.1E-01
cg20482960	<i>CNTNAP2</i>	chr7	Body	1.17	(0.87; 1.57)	3.1E-01
cg26480662	<i>PTPRN2</i>	chr7	Body	0.84	(0.6; 1.17)	3.1E-01
cg07151628	<i>CHCHD6</i>	chr3	Body	0.84	(0.59; 1.18)	3.1E-01

cg22452170	<i>PTPRN2</i>	chr7	Body	0.85	(0.62; 1.17)	3.1E-01
cg04108625	<i>CHCHD6</i>	chr3	Body	1.18	(0.86; 1.63)	3.1E-01
cg20805920	<i>PEX14</i>	chr1	TSS1500	0.83	(0.58; 1.19)	3.1E-01
cg10635895	<i>CACNA1C</i>	chr12	Body	1.23	(0.83; 1.83)	3.1E-01
cg20448617	<i>PTPRN2</i>	chr7	Body	1.16	(0.87; 1.55)	3.1E-01
cg13212407	<i>ATP8A1</i>	chr4	Body	0.78	(0.48; 1.26)	3.1E-01
cg08735141	<i>PTPRN2</i>	chr7	Body	0.85	(0.62; 1.17)	3.1E-01
cg12095896	<i>CACNA1C</i>	chr12	Body	1.24	(0.82; 1.88)	3.1E-01
cg05530566	<i>SCAF8</i>	chr6	Body	1.25	(0.81; 1.92)	3.1E-01
cg00390450	<i>CHCHD6</i>	chr3	Body	1.2	(0.85; 1.69)	3.1E-01
cg13218485	<i>PTPRN2</i>	chr7	Body	0.84	(0.61; 1.17)	3.1E-01
cg04486617	<i>BARX1</i>	chr9	Body	0.84	(0.59; 1.18)	3.1E-01
cg16500501	<i>CDH11</i>	chr16	5'UTR	1.16	(0.87; 1.56)	3.1E-01
cg24527964	<i>TNRC6A</i>	chr16	Body	0.85	(0.63; 1.16)	3.1E-01
cg19027571	<i>CHFR</i>	chr12	Body	0.84	(0.61; 1.17)	3.1E-01
cg00422626	<i>RECQL5</i>	chr17	Body	1.23	(0.82; 1.84)	3.1E-01
cg05824594	<i>CACNA1C</i>	chr12	Body	0.73	(0.39; 1.35)	3.1E-01
cg24842334	<i>PTPRN2</i>	chr7	Body	0.64	(0.27; 1.52)	3.1E-01
cg24628628	<i>SGIP1</i>	chr1	Body	0.62	(0.25; 1.56)	3.1E-01
cg26581964	<i>WWOX</i>	chr16	Body	0.82	(0.55; 1.21)	3.1E-01
cg03680150	<i>NDUFA9</i>	chr12	TSS200	0.86	(0.65; 1.15)	3.1E-01
cg12397349	<i>RECQL5</i>	chr17	Body	1.18	(0.86; 1.61)	3.1E-01
cg12260811	<i>WWOX</i>	chr16	Body	1.44	(0.71; 2.93)	3.1E-01
cg01878750	<i>GNA12</i>	chr7	Body	1.17	(0.86; 1.6)	3.1E-01
cg11376375	<i>SUSD4</i>	chr1	Body	1.19	(0.85; 1.65)	3.1E-01
cg00364339	<i>CHCHD6</i>	chr3	Body	1.2	(0.84; 1.72)	3.1E-01
cg27469563	<i>GNA12</i>	chr7	Body	1.19	(0.85; 1.66)	3.1E-01
cg16934595	<i>RTN4</i>	chr2	Body	1.35	(0.76; 2.39)	3.1E-01
cg17017617	<i>PTPRN2</i>	chr7	Body	0.83	(0.57; 1.2)	3.1E-01
cg13580286	<i>TNFRSF10B</i>	chr8	Body	0.75	(0.42; 1.32)	3.1E-01
cg26708220	<i>MEIS2</i>	chr15	Body	1.2	(0.84; 1.71)	3.1E-01
cg11554724	<i>CPEB1</i>	chr15	Body	1.23	(0.83; 1.82)	3.1E-01
cg11554724	<i>CPEB1</i>	chr15	TSS1500	1.23	(0.83; 1.82)	3.1E-01
cg11554724	<i>CPEB1</i>	chr15	5'UTR	1.23	(0.83; 1.82)	3.1E-01
cg23271831	<i>COL1A2</i>	chr7	5'UTR	1.2	(0.84; 1.71)	3.1E-01
cg23271831	<i>COL1A2</i>	chr7	1stExon	1.2	(0.84; 1.71)	3.1E-01
cg00332659	<i>WWOX</i>	chr16	TSS1500	0.77	(0.47; 1.28)	3.1E-01
cg08500967	<i>TNRC6A</i>	chr16	TSS1500	0.85	(0.61; 1.17)	3.1E-01
cg00160667	<i>PTPRU</i>	chr1	Body	0.85	(0.62; 1.17)	3.1E-01
cg23438064	<i>FBXO32</i>	chr8	Body	0.85	(0.62; 1.16)	3.1E-01
cg00460589	<i>PHACTR1</i>	chr6	Body	1.21	(0.84; 1.74)	3.1E-01
cg23975251	<i>PEX14</i>	chr1	Body	0.8	(0.52; 1.23)	3.1E-01
cg23759393	<i>PTPRN2</i>	chr7	Body	1.2	(0.84; 1.69)	3.1E-01
cg03512750	<i>PTPRN2</i>	chr7	Body	1.2	(0.84; 1.72)	3.1E-01
cg06466689	<i>NRXN1</i>	chr2	Body	0.86	(0.63; 1.16)	3.1E-01
cg07806732	<i>ERI3</i>	chr1	TSS1500	0.86	(0.65; 1.15)	3.1E-01
cg17698922	<i>CCDC80</i>	chr3	Body	1.34	(0.76; 2.36)	3.2E-01
cg12032821	<i>RTN4R</i>	chr22	TSS1500	1.22	(0.83; 1.78)	3.2E-01
cg12518166	<i>CPEB1</i>	chr15	TSS200	1.22	(0.83; 1.78)	3.2E-01
cg12518166	<i>CPEB1</i>	chr15	TSS1500	1.22	(0.83; 1.78)	3.2E-01
cg01312837	<i>CREBBP</i>	chr16	Body	0.8	(0.53; 1.23)	3.2E-01
cg10397545	<i>CTDSPL2</i>	chr15	TSS200	0.73	(0.4; 1.35)	3.2E-01
cg09003447	<i>EIF2S1</i>	chr14	Body	1.21	(0.83; 1.75)	3.2E-01
cg20884522	<i>GNA12</i>	chr7	Body	1.17	(0.86; 1.58)	3.2E-01
cg20884522	<i>GNA12</i>	chr7	TSS200	1.17	(0.86; 1.58)	3.2E-01
cg09830835	<i>ELAVL4</i>	chr1	TSS1500	1.21	(0.83; 1.76)	3.2E-01
cg09830835	<i>ELAVL4</i>	chr1	Body	1.21	(0.83; 1.76)	3.2E-01
cg01200493	<i>CDH13</i>	chr16	5'UTR	0.83	(0.58; 1.19)	3.2E-01
cg01200493	<i>CDH13</i>	chr16	Body	0.83	(0.58; 1.19)	3.2E-01
cg05246498	<i>CPEB1</i>	chr15	Body	0.85	(0.62; 1.17)	3.2E-01
cg05246498	<i>CPEB1</i>	chr15	5'UTR	0.85	(0.62; 1.17)	3.2E-01

cg15340709	<i>PTPRN2</i>	chr7	Body	0.84	(0.6; 1.18)	3.2E-01
cg01928675	<i>CACNA1C</i>	chr12	Body	1.31	(0.77; 2.23)	3.2E-01
cg12302985	<i>TNFRSF10B</i>	chr8	Body	0.84	(0.59; 1.18)	3.2E-01
cg20819424	<i>ALCAM</i>	chr3	Body	1.31	(0.77; 2.2)	3.2E-01
cg03609787	<i>CTDSPL2</i>	chr15	TSS1500	0.85	(0.62; 1.17)	3.2E-01
cg08775082	<i>ATP6V0C</i>	chr16	Body	0.86	(0.64; 1.15)	3.2E-01
cg24521688	<i>CACNA1C</i>	chr12	Body	1.18	(0.85; 1.65)	3.2E-01
cg05428864	<i>CCDC80</i>	chr3	Body	0.74	(0.42; 1.33)	3.2E-01
cg26042546	<i>ZBTB20</i>	chr3	Body	0.79	(0.5; 1.25)	3.2E-01
cg26042546	<i>ZBTB20</i>	chr3	5'UTR	0.79	(0.5; 1.25)	3.2E-01
cg08546120	<i>PTPRN2</i>	chr7	Body	0.85	(0.61; 1.17)	3.2E-01
cg22367727	<i>ZBTB20</i>	chr3	5'UTR	0.85	(0.62; 1.17)	3.2E-01
cg22367727	<i>ZBTB20</i>	chr3	TSS200	0.85	(0.62; 1.17)	3.2E-01
cg07007834	<i>CHFR</i>	chr12	Body	1.2	(0.84; 1.72)	3.2E-01
cg09605497	<i>DMXL2</i>	chr15	Body	0.82	(0.56; 1.21)	3.2E-01
cg06832862	<i>NRXN1</i>	chr2	Body	0.83	(0.58; 1.2)	3.2E-01
cg11404544	<i>ELAVL4</i>	chr1	TSS200	0.85	(0.62; 1.17)	3.2E-01
cg11404544	<i>ELAVL4</i>	chr1	Body	0.85	(0.62; 1.17)	3.2E-01
cg08445694	<i>SMARCD3</i>	chr7	5'UTR	1.2	(0.84; 1.74)	3.2E-01
cg09711814	<i>PTPRN2</i>	chr7	Body	0.85	(0.61; 1.17)	3.2E-01
cg14468481	<i>PTPRN2</i>	chr7	Body	1.21	(0.83; 1.77)	3.2E-01
cg23609219	<i>TNFRSF11A</i>	chr18	Body	1.28	(0.78; 2.1)	3.2E-01
cg09373298	<i>CHCHD6</i>	chr3	Body	0.84	(0.59; 1.19)	3.2E-01
cg18691626	<i>ELAVL4</i>	chr1	TSS200	0.77	(0.45; 1.29)	3.2E-01
cg18691626	<i>ELAVL4</i>	chr1	Body	0.77	(0.45; 1.29)	3.2E-01
cg25942611	<i>SGIP1</i>	chr1	5'UTR	0.83	(0.58; 1.19)	3.2E-01
cg25942611	<i>SGIP1</i>	chr1	1stExon	0.83	(0.58; 1.19)	3.2E-01
cg25942611	<i>SGIP1</i>	chr1	ExonBnd	0.83	(0.58; 1.19)	3.2E-01
cg06069441	<i>PTPRN2</i>	chr7	Body	0.83	(0.59; 1.19)	3.2E-01
cg04141008	<i>CREBBP</i>	chr16	Body	1.23	(0.82; 1.85)	3.2E-01
cg12526797	<i>CDH13</i>	chr16	Body	1.18	(0.85; 1.63)	3.2E-01
cg13484901	<i>ATF7IP</i>	chr12	Body	0.85	(0.61; 1.18)	3.2E-01
cg21455160	<i>NRXN1</i>	chr2	Body	1.18	(0.85; 1.65)	3.2E-01
cg16508857	<i>WWOX</i>	chr16	TSS1500	1.17	(0.86; 1.61)	3.2E-01
cg23700062	<i>ORC4</i>	chr2	Body	0.83	(0.58; 1.2)	3.2E-01
cg03556972	<i>TNFRSF19</i>	chr13	3'UTR	1.3	(0.77; 2.19)	3.2E-01
cg06152383	<i>GNA12</i>	chr7	TSS1500	0.85	(0.62; 1.17)	3.2E-01
cg01316816	<i>RTN4</i>	chr2	TSS200	1.15	(0.87; 1.52)	3.2E-01
cg01316816	<i>RTN4</i>	chr2	Body	1.15	(0.87; 1.52)	3.2E-01
cg19190293	<i>ZBTB20</i>	chr3	Body	0.85	(0.61; 1.17)	3.2E-01
cg19190293	<i>ZBTB20</i>	chr3	5'UTR	0.85	(0.61; 1.17)	3.2E-01
cg13527887	<i>CHCHD6</i>	chr3	Body	1.26	(0.8; 1.98)	3.2E-01
cg25941682	<i>PDE8A</i>	chr15	Body	0.83	(0.58; 1.2)	3.2E-01
cg10161888	<i>PTPRN2</i>	chr7	Body	1.15	(0.87; 1.53)	3.2E-01
cg23249868	<i>GNA12</i>	chr7	Body	1.2	(0.84; 1.73)	3.2E-01
cg22589505	<i>AKAP3</i>	chr12	5'UTR	0.81	(0.53; 1.23)	3.2E-01
cg22589505	<i>NDUFA9</i>	chr12	TSS200	0.81	(0.53; 1.23)	3.2E-01
cg22589505	<i>AKAP3</i>	chr12	1stExon	0.81	(0.53; 1.23)	3.2E-01
cg17690002	<i>SMARCD3</i>	chr7	5'UTR	1.28	(0.79; 2.08)	3.2E-01
cg05797732	<i>WAC</i>	chr10	3'UTR	1.28	(0.79; 2.06)	3.2E-01
cg05797732	<i>WAC</i>	chr10	Body	1.28	(0.79; 2.06)	3.2E-01
cg12061285	<i>PTPRS</i>	chr19	Body	1.19	(0.85; 1.67)	3.2E-01
cg17680773	<i>ATF7IP2</i>	chr16	TSS200	1.16	(0.87; 1.54)	3.2E-01
cg06378561	<i>FSTL1</i>	chr3	Body	0.85	(0.62; 1.17)	3.2E-01
cg02376163	<i>FBXO38</i>	chr5	TSS1500	0.85	(0.61; 1.17)	3.2E-01
cg10919624	<i>PTPRN2</i>	chr7	Body	1.15	(0.87; 1.53)	3.2E-01
cg02989376	<i>MBD5</i>	chr2	5'UTR	0.82	(0.56; 1.21)	3.2E-01
cg19698099	<i>COL5A2</i>	chr2	3'UTR	1.23	(0.82; 1.84)	3.2E-01
cg02557661	<i>TNRC6B</i>	chr22	Body	1.17	(0.86; 1.6)	3.2E-01
cg23094620	<i>RTN4RL1</i>	chr17	Body	1.18	(0.85; 1.66)	3.2E-01
cg03047070	<i>CACNA1C</i>	chr12	Body	1.19	(0.84; 1.69)	3.2E-01

cg20407496	AKAP13	chr15	Body	1.17	(0.86; 1.59)	3.2E-01
cg13293287	PTPRN2	chr7	Body	1.27	(0.79; 2.02)	3.2E-01
cg12687212	PHACTR1	chr6	Body	1.18	(0.85; 1.64)	3.2E-01
cg08219938	RTN4RL1	chr17	Body	1.23	(0.82; 1.83)	3.2E-01
cg12382670	CSMD2	chr1	Body	0.83	(0.57; 1.2)	3.2E-01
cg09742643	PTPRN2	chr7	Body	1.17	(0.86; 1.6)	3.2E-01
cg03647563	PHACTR1	chr6	Body	1.21	(0.83; 1.75)	3.2E-01
cg00740465	PTPRN2	chr7	Body	1.17	(0.86; 1.58)	3.2E-01
cg01301138	CDH13	chr16	1stExon	0.8	(0.52; 1.24)	3.2E-01
cg01301138	CDH13	chr16	5'UTR	0.8	(0.52; 1.24)	3.2E-01
cg27245416	ARID1A	chr1	Body	0.86	(0.64; 1.16)	3.2E-01
cg00784759	DNAI2	chr17	TSS1500	1.2	(0.84; 1.73)	3.2E-01
cg09215560	TNR	chr1	Body	1.29	(0.78; 2.14)	3.2E-01
cg09291982	ZBTB20	chr3	Body	0.86	(0.63; 1.16)	3.2E-01
cg02977575	MEX3A	chr1	Body	1.22	(0.83; 1.79)	3.2E-01
cg24655135	BRUNOL4	chr18	Body	0.8	(0.52; 1.24)	3.2E-01
cg23371106	CNTNAP2	chr7	Body	1.2	(0.84; 1.71)	3.2E-01
cg06138257	CHFR	chr12	3'UTR	1.16	(0.86; 1.57)	3.2E-01
cg11447650	CNTNAP2	chr7	Body	1.21	(0.83; 1.76)	3.2E-01
cg06715755	PTPRN2	chr7	Body	0.84	(0.59; 1.19)	3.2E-01
cg11283642	CHD6	chr20	Body	1.47	(0.69; 3.14)	3.2E-01
cg09334240	ATF7	chr12	Body	1.2	(0.84; 1.72)	3.2E-01
cg01782633	MTCL1	chr18	1stExon	1.31	(0.77; 2.25)	3.2E-01
cg01782633	MTCL1	chr18	5'UTR	1.31	(0.77; 2.25)	3.2E-01
cg14150023	TNRC6B	chr22	3'UTR	0.79	(0.49; 1.27)	3.2E-01
cg09166345	ERI3	chr1	TSS200	0.85	(0.61; 1.18)	3.2E-01
cg11739924	TNRC6A	chr16	Body	0.86	(0.64; 1.16)	3.2E-01
cg15302296	TNFRSF10C	chr8	TSS200	1.25	(0.8; 1.94)	3.2E-01
cg02943303	TXNDC9	chr2	TSS200	0.86	(0.64; 1.16)	3.2E-01
cg21579828	ACVR2A	chr2	TSS1500	1.2	(0.83; 1.74)	3.2E-01
cg15109851	FSTL1	chr3	5'UTR	0.86	(0.63; 1.17)	3.2E-01
cg15109851	FSTL1	chr3	1stExon	0.86	(0.63; 1.17)	3.2E-01
cg19459342	CACNA1C	chr12	Body	0.66	(0.29; 1.5)	3.2E-01
cg08393822	UNC80	chr2	Body	0.85	(0.62; 1.17)	3.2E-01
cg23227881	WWOX	chr16	Body	1.21	(0.83; 1.76)	3.3E-01
cg01795053	PTPRS	chr19	Body	1.19	(0.84; 1.68)	3.3E-01
cg05358528	PTPRN2	chr7	Body	1.2	(0.83; 1.73)	3.3E-01
cg07509001	PTPRS	chr19	Body	0.85	(0.62; 1.17)	3.3E-01
cg02381687	PHACTR1	chr6	Body	1.62	(0.62; 4.27)	3.3E-01
cg12931148	RTN4R	chr22	Body	0.69	(0.34; 1.44)	3.3E-01
cg08924230	PTPRN2	chr7	Body	1.21	(0.83; 1.77)	3.3E-01
cg04188238	MTNR1A	chr4	TSS1500	0.87	(0.65; 1.15)	3.3E-01
cg22027930	LOC101928700	chr7	TSS200	1.19	(0.84; 1.69)	3.3E-01
cg22027930	CNTNAP2	chr7	Body	1.19	(0.84; 1.69)	3.3E-01
cg26403347	CSMD2	chr1	Body	1.15	(0.87; 1.54)	3.3E-01
cg16126084	ZBTB20	chr3	Body	1.2	(0.83; 1.73)	3.3E-01
cg16126084	ZBTB20	chr3	1stExon	1.2	(0.83; 1.73)	3.3E-01
cg16126084	ZBTB20	chr3	5'UTR	1.2	(0.83; 1.73)	3.3E-01
cg04532849	ELAVL4	chr1	Body	0.85	(0.61; 1.18)	3.3E-01
cg06244990	TNFRSF10B	chr8	Body	0.77	(0.46; 1.29)	3.3E-01
cg21307628	CCDC80	chr3	TSS1500	0.83	(0.58; 1.2)	3.3E-01
cg02468320	CACNA1C	chr12	Body	0.8	(0.51; 1.25)	3.3E-01
cg19642026	ATP6V0C	chr16	Body	0.83	(0.57; 1.2)	3.3E-01
cg19642026	ATP6V0C	chr16	1stExon	0.83	(0.57; 1.2)	3.3E-01
cg07529930	PTPRN2	chr7	Body	1.16	(0.86; 1.57)	3.3E-01
cg25312880	PTPRS	chr19	Body	0.84	(0.6; 1.19)	3.3E-01
cg26369558	TNR	chr1	5'UTR	0.83	(0.57; 1.21)	3.3E-01
cg15751214	PHACTR1	chr6	Body	0.85	(0.61; 1.18)	3.3E-01
cg09847415	TNRC6B	chr22	Body	1.2	(0.83; 1.74)	3.3E-01
cg06242102	PTPRN2	chr7	Body	1.18	(0.85; 1.65)	3.3E-01
cg16198225	CDH13	chr16	5'UTR	0.85	(0.61; 1.18)	3.3E-01

cg16198225	<i>CDH13</i>	chr16	Body	0.85	(0.61; 1.18)	3.3E-01
cg24826512	<i>SUGCT</i>	chr7	Body	0.84	(0.6; 1.19)	3.3E-01
cg18846554	<i>FBXO34</i>	chr14	TSS200	0.85	(0.62; 1.17)	3.3E-01
cg18846554	<i>FBXO34</i>	chr14	5'UTR	0.85	(0.62; 1.17)	3.3E-01
cg10041241	<i>NOL4</i>	chr18	5'UTR	0.85	(0.61; 1.18)	3.3E-01
cg10041241	<i>NOL4</i>	chr18	Body	0.85	(0.61; 1.18)	3.3E-01
cg06171022	<i>CUX2</i>	chr12	Body	1.19	(0.84; 1.67)	3.3E-01
cg08798492	<i>TNFRSF12A</i>	chr16	TSS200	0.85	(0.61; 1.18)	3.3E-01
cg03482339	<i>DDHD2</i>	chr8	TSS1500	0.85	(0.62; 1.18)	3.3E-01
cg03482339	<i>DDHD2</i>	chr8	TSS200	0.85	(0.62; 1.18)	3.3E-01
cg05952630	<i>TNRC6B</i>	chr22	5'UTR	1.17	(0.85; 1.61)	3.3E-01
cg07184142	<i>PTPRN2</i>	chr7	Body	0.85	(0.61; 1.18)	3.3E-01
cg00532455	<i>ACVR2A</i>	chr2	Body	0.84	(0.59; 1.2)	3.3E-01
cg11166463	<i>RNU5E-1</i>	chr5	Body	1.17	(0.86; 1.6)	3.3E-01
cg07529754	<i>NRXN1</i>	chr2	Body	1.22	(0.82; 1.81)	3.3E-01
cg07529754	<i>NRXN1</i>	chr2	TSS1500	1.22	(0.82; 1.81)	3.3E-01
cg11567001	<i>SMARCD3</i>	chr7	Body	0.86	(0.63; 1.17)	3.3E-01
cg03125463	<i>PTPRN2</i>	chr7	Body	0.85	(0.61; 1.18)	3.3E-01
cg00280111	<i>NOL4L</i>	chr20	Body	0.58	(0.19; 1.74)	3.3E-01
cg00280111	<i>NOL4L</i>	chr20	5'UTR	0.58	(0.19; 1.74)	3.3E-01
cg27190024	<i>COL1A2</i>	chr7	Body	0.84	(0.58; 1.2)	3.3E-01
cg06173857	<i>GNA12</i>	chr7	Body	0.84	(0.6; 1.19)	3.3E-01
cg14982665	<i>CACNA1C</i>	chr12	Body	0.85	(0.61; 1.18)	3.3E-01
cg10994370	<i>MTCL1</i>	chr18	Body	0.87	(0.66; 1.15)	3.3E-01
cg11658190	<i>RNU5E-1</i>	chr5	Body	1.22	(0.82; 1.83)	3.3E-01
cg00004175	<i>CACNA1C-AS4</i>	chr12	TSS1500	0.85	(0.6; 1.19)	3.3E-01
cg00004175	<i>CACNA1C</i>	chr12	Body	0.85	(0.6; 1.19)	3.3E-01
cg18804920	<i>CNTNAP2</i>	chr7	Body	0.81	(0.54; 1.23)	3.3E-01
cg04498153	<i>PTPRN2</i>	chr7	Body	1.19	(0.84; 1.68)	3.3E-01
cg16924704	<i>SRSF10</i>	chr1	TSS1500	0.85	(0.62; 1.18)	3.3E-01
cg23234828	<i>FBXO34</i>	chr14	Body	1.2	(0.83; 1.72)	3.3E-01
cg05530629	<i>FBXO32</i>	chr8	TSS1500	1.18	(0.85; 1.63)	3.3E-01
cg17360674	<i>ATP6V0C</i>	chr16	3'UTR	0.87	(0.65; 1.15)	3.3E-01
cg08863654	<i>PTPRN2</i>	chr7	Body	0.84	(0.6; 1.19)	3.3E-01
cg07968535	<i>TNR</i>	chr1	5'UTR	0.84	(0.59; 1.19)	3.3E-01
cg12046677	<i>CACNA1C</i>	chr12	Body	0.76	(0.44; 1.32)	3.3E-01
cg26592247	<i>MTCL1</i>	chr18	Body	0.83	(0.56; 1.21)	3.3E-01
cg11551879	<i>CUX2</i>	chr12	Body	1.23	(0.81; 1.86)	3.3E-01
cg00335360	<i>CACNA1C</i>	chr12	Body	0.73	(0.39; 1.37)	3.3E-01
cg05092387	<i>MEIS2</i>	chr15	Body	1.18	(0.84; 1.65)	3.3E-01
cg11529567	<i>FBXO36</i>	chr2	Body	1.18	(0.84; 1.65)	3.3E-01
cg07747924	<i>WWOX</i>	chr16	Body	0.86	(0.63; 1.17)	3.3E-01
cg14145908	<i>CACNA1C</i>	chr12	5'UTR	0.83	(0.58; 1.2)	3.3E-01
cg14145908	<i>CACNA1C</i>	chr12	1stExon	0.83	(0.58; 1.2)	3.3E-01
cg26301690	<i>ELAVL4</i>	chr1	1stExon	0.7	(0.35; 1.43)	3.3E-01
cg26301690	<i>ELAVL4</i>	chr1	5'UTR	0.7	(0.35; 1.43)	3.3E-01
cg26301690	<i>ELAVL4</i>	chr1	Body	0.7	(0.35; 1.43)	3.3E-01
cg22839114	<i>RAP1B</i>	chr12	5'UTR	1.21	(0.82; 1.79)	3.3E-01
cg04423621	<i>CDH13</i>	chr16	Body	1.18	(0.84; 1.65)	3.3E-01
cg11401957	<i>CSMD2</i>	chr1	Body	0.85	(0.6; 1.19)	3.3E-01
cg07909897	<i>PTPRN2</i>	chr7	Body	0.86	(0.62; 1.17)	3.3E-01
cg04127606	<i>PTPRN2</i>	chr7	Body	1.19	(0.83; 1.71)	3.3E-01
cg02684143	<i>PTPRN2</i>	chr7	Body	1.21	(0.83; 1.76)	3.3E-01
cg00973426	<i>PTPRN2</i>	chr7	TSS200	1.17	(0.85; 1.61)	3.3E-01
cg12711746	<i>CREBBP</i>	chr16	Body	1.18	(0.84; 1.66)	3.3E-01
cg07112090	<i>NRXN1</i>	chr2	Body	0.85	(0.62; 1.18)	3.3E-01
cg27222147	<i>CACNA1C</i>	chr12	Body	1.34	(0.74; 2.41)	3.3E-01
cg05569793	<i>MEIS2</i>	chr15	Body	1.18	(0.84; 1.65)	3.3E-01
cg02925240	<i>PTPRN2</i>	chr7	Body	0.85	(0.6; 1.19)	3.3E-01
cg26691179	<i>WWOX</i>	chr16	Body	1.19	(0.84; 1.7)	3.3E-01
cg18099850	<i>TNFRSF10D</i>	chr8	3'UTR	1.19	(0.84; 1.67)	3.3E-01

cg01895549	CACNA1C	chr12	Body	0.61	(0.22; 1.66)	3.3E-01
cg07001857	FBXO34	chr14	5'UTR	0.84	(0.58; 1.2)	3.3E-01
cg06930902	FBXO11	chr2	Body	0.83	(0.57; 1.21)	3.3E-01
cg11103255	MTCL1	chr18	Body	1.17	(0.85; 1.59)	3.3E-01
cg18062778	PTPRS	chr19	Body	1.2	(0.83; 1.75)	3.3E-01
cg11805946	PTPRN2	chr7	Body	0.85	(0.61; 1.18)	3.3E-01
cg24301028	CNTNAP2	chr7	Body	1.2	(0.83; 1.72)	3.3E-01
cg02250900	DMXL2	chr15	TSS1500	0.85	(0.61; 1.18)	3.3E-01
cg18532105	ZBTB20	chr3	Body	0.85	(0.61; 1.18)	3.3E-01
cg01445580	CSMD2	chr1	TSS1500	0.82	(0.54; 1.23)	3.3E-01
cg00423443	CDH13	chr16	TSS1500	0.84	(0.59; 1.2)	3.3E-01
cg02024077	CNTNAP2	chr7	TSS1500	1.15	(0.87; 1.53)	3.3E-01
cg24337193	ERI3	chr1	Body	1.2	(0.83; 1.76)	3.3E-01
cg11909640	PTPRN2	chr7	Body	0.81	(0.53; 1.24)	3.4E-01
cg24476529	CACNA1C-IT2	chr12	TSS200	0.8	(0.5; 1.27)	3.4E-01
cg19013611	PTPRN2	chr7	Body	1.17	(0.85; 1.61)	3.4E-01
cg13629270	CHD6	chr20	5'UTR	1.18	(0.84; 1.64)	3.4E-01
cg11478896	GNA12	chr7	Body	0.85	(0.6; 1.19)	3.4E-01
cg26061357	SMARCD3	chr7	Body	0.85	(0.61; 1.18)	3.4E-01
cg18004701	PTPRN2	chr7	Body	0.84	(0.6; 1.19)	3.4E-01
cg02314835	DMXL2	chr15	Body	1.16	(0.86; 1.57)	3.4E-01
cg02076254	MBD5	chr2	5'UTR	1.18	(0.84; 1.65)	3.4E-01
cg10971127	CTDSP2	chr12	Body	0.84	(0.6; 1.19)	3.4E-01
cg11374656	PTPRN2	chr7	Body	1.2	(0.82; 1.76)	3.4E-01
cg04351698	CSMD2	chr1	Body	1.19	(0.83; 1.7)	3.4E-01
cg00534540	PTPRN2	chr7	Body	1.2	(0.83; 1.75)	3.4E-01
cg20094343	BRUNOL4	chr18	Body	1.15	(0.87; 1.52)	3.4E-01
cg08710739	CUX2	chr12	TSS1500	1.15	(0.86; 1.55)	3.4E-01
cg08406486	CUX2	chr12	Body	0.78	(0.47; 1.29)	3.4E-01
cg17341361	TNRC18	chr7	Body	1.23	(0.81; 1.86)	3.4E-01
cg19802579	MTCL1	chr18	Body	0.79	(0.49; 1.28)	3.4E-01
cg14706575	RTN4	chr2	TSS1500	0.79	(0.5; 1.27)	3.4E-01
cg14706575	RTN4	chr2	1stExon	0.79	(0.5; 1.27)	3.4E-01
cg14706575	RTN4	chr2	5'UTR	0.79	(0.5; 1.27)	3.4E-01
cg10219352	TAOK3	chr12	Body	1.23	(0.8; 1.9)	3.4E-01
cg05229655	NOL4	chr18	Body	0.82	(0.54; 1.23)	3.4E-01
cg13403271	PTPRN2	chr7	Body	0.82	(0.54; 1.24)	3.4E-01
cg01329098	RTN4	chr2	Body	0.85	(0.61; 1.18)	3.4E-01
cg26085232	CACNA1C	chr12	Body	0.8	(0.5; 1.27)	3.4E-01
cg26693584	WWOX	chr16	Body	1.2	(0.82; 1.76)	3.4E-01
cg07415354	SUGCT	chr7	Body	0.85	(0.61; 1.19)	3.4E-01
cg08049838	CTDSP2	chr12	1stExon	0.86	(0.63; 1.17)	3.4E-01
cg08049838	CTDSP2	chr12	5'UTR	0.86	(0.63; 1.17)	3.4E-01
cg17984508	CHFR	chr12	Body	0.87	(0.65; 1.16)	3.4E-01
cg18311871	PTPRN2	chr7	Body	1.17	(0.85; 1.61)	3.4E-01
cg06679089	TNRC6B	chr22	5'UTR	0.83	(0.57; 1.21)	3.4E-01
cg16386051	ATP8A1	chr4	Body	1.17	(0.84; 1.63)	3.4E-01
cg09700337	TAOK3	chr12	5'UTR	1.19	(0.83; 1.7)	3.4E-01
cg24500294	PTPRN2	chr7	Body	0.83	(0.56; 1.22)	3.4E-01
cg15316150	CTNND2	chr5	Body	0.84	(0.59; 1.2)	3.4E-01
cg15316150	CTNND2	chr5	5'UTR	0.84	(0.59; 1.2)	3.4E-01
cg12986253	MTCL1	chr18	Body	1.2	(0.83; 1.74)	3.4E-01
cg01644731	CTDSP2	chr12	Body	1.18	(0.84; 1.66)	3.4E-01
cg10135034	TAOK3	chr12	Body	1.17	(0.85; 1.6)	3.4E-01
cg27656074	PTPRN2	chr7	Body	1.16	(0.85; 1.58)	3.4E-01
cg21859000	RNU5E-1	chr5	Body	1.21	(0.82; 1.79)	3.4E-01
cg16733997	PTPRN2	chr7	Body	0.83	(0.56; 1.22)	3.4E-01
cg05471602	BARX2	chr11	Body	1.16	(0.86; 1.57)	3.4E-01
cg20116468	PTPRN2	chr7	Body	1.16	(0.85; 1.59)	3.4E-01
cg09400152	CPEB1	chr15	Body	0.85	(0.61; 1.19)	3.4E-01
cg09423231	NRXN1	chr2	Body	0.72	(0.37; 1.41)	3.4E-01

cg20808813	<i>PTPRN2</i>	chr7	Body	0.83	(0.57; 1.22)	3.4E-01
cg06798451	<i>CHCHD6</i>	chr3	Body	0.85	(0.62; 1.18)	3.4E-01
cg09896686	<i>CTNND2</i>	chr5	Body	0.86	(0.63; 1.17)	3.4E-01
cg09604062	<i>SRSF10</i>	chr1	Body	0.85	(0.61; 1.19)	3.4E-01
cg09604062	<i>SRSF10</i>	chr1	5'UTR	0.85	(0.61; 1.19)	3.4E-01
cg09604062	<i>SRSF10</i>	chr1	1stExon	0.85	(0.61; 1.19)	3.4E-01
cg00501467	<i>PHACTR1</i>	chr6	Body	0.85	(0.61; 1.18)	3.4E-01
cg10653131	<i>TNFRSF19</i>	chr13	5'UTR	1.22	(0.81; 1.86)	3.4E-01
cg17256791	<i>PDE8A</i>	chr15	5'UTR	1.18	(0.84; 1.65)	3.4E-01
cg17256791	<i>PDE8A</i>	chr15	Body	1.18	(0.84; 1.65)	3.4E-01
cg10418410	<i>CACNA1C</i>	chr12	Body	1.3	(0.76; 2.22)	3.4E-01
cg11392780	<i>PTPRN2</i>	chr7	Body	0.85	(0.61; 1.19)	3.4E-01
cg17109865	<i>CREBBP</i>	chr16	Body	1.41	(0.69; 2.88)	3.4E-01
cg15627078	<i>TNFRSF19</i>	chr13	5'UTR	1.17	(0.85; 1.61)	3.4E-01
cg15627078	<i>TNFRSF19</i>	chr13	TSS200	1.17	(0.85; 1.61)	3.4E-01
cg27407707	<i>TNRC6A</i>	chr16	TSS200	0.85	(0.61; 1.19)	3.4E-01
cg17410174	<i>CTNND2</i>	chr5	Body	0.83	(0.57; 1.22)	3.4E-01
cg25029446	<i>PTPRN2</i>	chr7	Body	0.86	(0.64; 1.17)	3.4E-01
cg25106875	<i>PTPRN2</i>	chr7	Body	1.21	(0.82; 1.78)	3.4E-01
cg06747558	<i>PHACTR1</i>	chr6	Body	0.78	(0.46; 1.31)	3.4E-01
cg07745710	<i>CACNA1C</i>	chr12	Body	1.2	(0.82; 1.76)	3.4E-01
cg03092783	<i>PTPRN2</i>	chr7	Body	0.86	(0.63; 1.18)	3.4E-01
cg02900436	<i>DCUN1D4</i>	chr4	Body	0.84	(0.58; 1.21)	3.4E-01
cg26516710	<i>ATP6V0C</i>	chr16	3'UTR	1.17	(0.84; 1.64)	3.4E-01
cg13419681	<i>CDH13</i>	chr16	5'UTR	1.16	(0.85; 1.6)	3.4E-01
cg13419681	<i>CDH13</i>	chr16	Body	1.16	(0.85; 1.6)	3.4E-01
cg12551233	<i>PTPRN2</i>	chr7	Body	0.86	(0.62; 1.18)	3.4E-01
cg03278556	<i>MBD5</i>	chr2	5'UTR	1.25	(0.78; 2.01)	3.4E-01
cg23863608	<i>PEX14</i>	chr1	Body	1.19	(0.83; 1.71)	3.4E-01
cg08758916	<i>TNRC6B</i>	chr22	TSS200	1.17	(0.85; 1.6)	3.4E-01
cg23998048	<i>TENM2</i>	chr5	Body	1.16	(0.86; 1.57)	3.4E-01
cg20855617	<i>CNTNAP2</i>	chr7	Body	1.21	(0.81; 1.81)	3.4E-01
cg12568086	<i>CEP350</i>	chr1	Body	0.83	(0.56; 1.22)	3.4E-01
cg09519954	<i>CREBBP</i>	chr16	Body	0.83	(0.57; 1.22)	3.4E-01
cg11407942	<i>PEX14</i>	chr1	Body	1.16	(0.85; 1.57)	3.4E-01
cg08688548	<i>CPEB1</i>	chr15	TSS1500	1.23	(0.8; 1.88)	3.4E-01
cg01090433	<i>CDH13</i>	chr16	Body	1.16	(0.85; 1.59)	3.4E-01
cg15488513	<i>PTPRN2</i>	chr7	Body	0.86	(0.63; 1.17)	3.4E-01
cg18393040	<i>MEIS2</i>	chr15	5'UTR	1.19	(0.83; 1.73)	3.5E-01
cg18393040	<i>MEIS2</i>	chr15	TSS1500	1.19	(0.83; 1.73)	3.5E-01
cg01100465	<i>PTPRN2</i>	chr7	Body	0.86	(0.63; 1.18)	3.5E-01
cg25148306	<i>TNRC18</i>	chr7	Body	0.86	(0.62; 1.18)	3.5E-01
cg07466651	<i>COL5A2</i>	chr2	Body	1.18	(0.84; 1.67)	3.5E-01
cg02479278	<i>CSMD2</i>	chr1	Body	0.85	(0.61; 1.19)	3.5E-01
cg15577272	<i>PTPRN2</i>	chr7	Body	1.2	(0.82; 1.74)	3.5E-01
cg08444060	<i>C11orf67</i>	chr11	TSS1500	0.87	(0.64; 1.17)	3.5E-01
cg18571792	<i>PTPRN2</i>	chr7	Body	1.16	(0.85; 1.59)	3.5E-01
cg22379697	<i>CHD6</i>	chr20	Body	1.18	(0.84; 1.67)	3.5E-01
cg22681495	<i>AKAP13</i>	chr15	Body	0.86	(0.63; 1.18)	3.5E-01
cg15104618	<i>RAP1B</i>	chr12	5'UTR	0.85	(0.6; 1.2)	3.5E-01
cg21603960	<i>PTPRN2</i>	chr7	Body	1.21	(0.82; 1.78)	3.5E-01
cg16534289	<i>FSTL1</i>	chr3	Body	0.85	(0.6; 1.2)	3.5E-01
cg17666825	<i>DCUN1D4</i>	chr4	Body	1.16	(0.85; 1.6)	3.5E-01
cg17666825	<i>DCUN1D4</i>	chr4	5'UTR	1.16	(0.85; 1.6)	3.5E-01
cg06071058	<i>BARX1</i>	chr9	Body	1.23	(0.8; 1.87)	3.5E-01
cg12824246	<i>CTDSPL</i>	chr3	TSS1500	0.84	(0.59; 1.2)	3.5E-01
cg22168386	<i>TNFRSF19</i>	chr13	Body	1.25	(0.78; 2)	3.5E-01
cg20104707	<i>TNR</i>	chr1	5'UTR	0.76	(0.44; 1.34)	3.5E-01
cg07769790	<i>CPEB1</i>	chr15	TSS1500	1.22	(0.81; 1.85)	3.5E-01
cg17445453	<i>CHFR</i>	chr12	Body	1.19	(0.83; 1.7)	3.5E-01
cg19415587	<i>PTPRU</i>	chr1	Body	1.28	(0.77; 2.12)	3.5E-01

cg24448870	CHCHD6	chr3	Body	1.18	(0.84; 1.66)	3.5E-01
cg08875357	RTN4RL1	chr17	3'UTR	0.85	(0.61; 1.19)	3.5E-01
cg08051625	CREBBP	chr16	Body	0.86	(0.63; 1.18)	3.5E-01
cg27325293	PTPRU	chr1	Body	0.83	(0.56; 1.23)	3.5E-01
cg01359748	PTPRN2	chr7	Body	0.87	(0.64; 1.17)	3.5E-01
cg02223801	PTPRN2	chr7	Body	1.24	(0.79; 1.95)	3.5E-01
cg18670236	CHCHD6	chr3	Body	0.85	(0.6; 1.2)	3.5E-01
cg03184350	CNTNAP2	chr7	Body	1.2	(0.82; 1.77)	3.5E-01
cg04446724	PTPRN2	chr7	Body	1.15	(0.86; 1.55)	3.5E-01
cg01351037	PDE8A	chr15	5'UTR	1.17	(0.84; 1.65)	3.5E-01
cg01351037	PDE8A	chr15	1stExon	1.17	(0.84; 1.65)	3.5E-01
cg12652063	DACH1	chr13	TSS200	0.85	(0.61; 1.19)	3.5E-01
cg26688665	SCAF8	chr6	Body	0.8	(0.5; 1.27)	3.5E-01
cg16732884	ATP6V0C	chr16	Body	1.2	(0.82; 1.75)	3.5E-01
cg24835473	CHCHD6	chr3	Body	1.19	(0.83; 1.69)	3.5E-01
cg06568361	RTN4	chr2	Body	0.85	(0.6; 1.2)	3.5E-01
cg03008692	PTPRN2	chr7	Body	0.86	(0.64; 1.17)	3.5E-01
cg09328286	PTPRN2	chr7	Body	0.84	(0.57; 1.22)	3.5E-01
cg10728746	DDHD2	chr8	Body	1.17	(0.84; 1.62)	3.5E-01
cg10723629	TXNDC9	chr2	TSS1500	0.86	(0.63; 1.18)	3.5E-01
cg18633471	PTPRN2	chr7	Body	1.2	(0.82; 1.78)	3.5E-01
cg19383244	RNU5E-1	chr5	Body	1.2	(0.81; 1.78)	3.5E-01
cg05244331	CACNA1C-IT2	chr12	TSS1500	1.28	(0.76; 2.16)	3.5E-01
cg11100028	RTN4	chr2	Body	1.23	(0.8; 1.9)	3.5E-01
cg11100028	RTN4	chr2	5'UTR	1.23	(0.8; 1.9)	3.5E-01
cg14853194	TDRP	chr8	TSS1500	0.83	(0.55; 1.23)	3.5E-01
cg14853194	TDRP	chr8	TSS200	0.83	(0.55; 1.23)	3.5E-01
cg13430960	CTDSPL	chr3	Body	1.19	(0.82; 1.72)	3.5E-01
cg12126781	TNFRSF1B	chr1	Body	1.24	(0.79; 1.97)	3.5E-01
cg19686983	PHACTR1	chr6	Body	1.3	(0.75; 2.24)	3.5E-01
cg21526438	FBXO32	chr8	Body	1.18	(0.84; 1.65)	3.5E-01
cg25644224	PTPRN2	chr7	Body	1.2	(0.82; 1.76)	3.5E-01
cg11645735	TAOK3	chr12	TSS200	1.17	(0.84; 1.64)	3.5E-01
cg17898375	TNRC18	chr7	Body	0.84	(0.58; 1.21)	3.5E-01
cg11775579	NRXN1	chr2	Body	0.87	(0.64; 1.17)	3.5E-01
cg21126583	CNTNAP2	chr7	TSS200	0.81	(0.51; 1.27)	3.5E-01
cg21862363	AKAP13	chr15	Body	0.84	(0.59; 1.21)	3.5E-01
cg21862363	AKAP13	chr15	TSS200	0.84	(0.59; 1.21)	3.5E-01
cg05937546	ATF7IP2	chr16	5'UTR	0.84	(0.58; 1.21)	3.5E-01
cg05937546	ATF7IP2	chr16	Body	0.84	(0.58; 1.21)	3.5E-01
cg17204932	UBE2E2	chr3	Body	0.76	(0.43; 1.35)	3.5E-01
cg08673532	FBXO31	chr16	Body	1.17	(0.84; 1.65)	3.5E-01
cg16124834	TNRC6A	chr16	Body	0.82	(0.55; 1.24)	3.5E-01
cg02789218	ZBTB20	chr3	Body	1.22	(0.8; 1.88)	3.5E-01
cg02789218	ZBTB20	chr3	5'UTR	1.22	(0.8; 1.88)	3.5E-01
cg02789218	ZBTB20	chr3	TSS200	1.22	(0.8; 1.88)	3.5E-01
cg21294655	ARID1A	chr1	TSS1500	0.84	(0.58; 1.22)	3.5E-01
cg09586034	TNR	chr1	Body	0.86	(0.62; 1.19)	3.5E-01
cg07930746	CACNA1C	chr12	Body	1.18	(0.83; 1.68)	3.5E-01
cg07874329	SMARCD3	chr7	Body	0.84	(0.58; 1.22)	3.5E-01
cg00706191	CDH11	chr16	Body	0.81	(0.52; 1.26)	3.5E-01
cg20697251	PTPRS	chr19	5'UTR	0.82	(0.55; 1.24)	3.5E-01
cg07675811	TNRC18	chr7	Body	0.87	(0.64; 1.17)	3.5E-01
cg04029645	CDH13	chr16	Body	0.85	(0.6; 1.2)	3.5E-01
cg13169515	TNFRSF10C	chr8	TSS1500	1.23	(0.8; 1.89)	3.5E-01
cg08102838	PTPRN2	chr7	Body	1.16	(0.85; 1.59)	3.5E-01
cg03339618	WWOX	chr16	Body	0.86	(0.63; 1.18)	3.5E-01
cg22575717	NOL4L	chr20	Body	1.64	(0.57; 4.7)	3.5E-01
cg15975890	CTNND2	chr5	Body	0.87	(0.64; 1.18)	3.5E-01
cg00029031	TNR	chr1	5'UTR	0.8	(0.5; 1.28)	3.5E-01
cg13858310	ATP8A1	chr4	Body	0.84	(0.57; 1.22)	3.5E-01

cg10478867	SMARCD3	chr7	Body	0.84	(0.58; 1.21)	3.5E-01
cg09112723	SGIP1	chr1	Body	0.83	(0.55; 1.24)	3.5E-01
cg21340024	SUGCT	chr7	Body	0.82	(0.53; 1.26)	3.5E-01
cg00164538	CUX2	chr12	Body	1.21	(0.8; 1.84)	3.5E-01
cg24275501	CACNA1C	chr12	Body	0.86	(0.61; 1.19)	3.6E-01
cg02472401	RTN4RL1	chr17	Body	1.19	(0.82; 1.74)	3.6E-01
cg02279913	MTCL1	chr18	3'UTR	1.23	(0.8; 1.89)	3.6E-01
cg18881200	CHCHD6	chr3	Body	1.15	(0.85; 1.57)	3.6E-01
cg03664994	RTN4	chr2	Body	0.67	(0.29; 1.56)	3.6E-01
cg12393795	CACNA1C	chr12	Body	0.82	(0.54; 1.25)	3.6E-01
cg26402356	WVOX	chr16	Body	0.82	(0.55; 1.24)	3.6E-01
cg16701767	ARID1A	chr1	Body	1.15	(0.85; 1.57)	3.6E-01
cg20899146	RTN4RL1	chr17	Body	1.17	(0.84; 1.62)	3.6E-01
cg26353611	DNAI2	chr17	Body	0.85	(0.6; 1.2)	3.6E-01
cg16866892	CACNA1C	chr12	Body	1.22	(0.8; 1.86)	3.6E-01
cg13915179	PTPRN2	chr7	Body	1.16	(0.84; 1.6)	3.6E-01
cg11815914	TNFRSF11A	chr18	TSS200	0.85	(0.61; 1.2)	3.6E-01
cg16727193	CHCHD6	chr3	Body	1.42	(0.68; 2.97)	3.6E-01
cg09845489	PTPRN2	chr7	Body	1.17	(0.84; 1.63)	3.6E-01
cg18522131	CDH13	chr16	5'UTR	1.16	(0.84; 1.61)	3.6E-01
cg18522131	CDH13	chr16	Body	1.16	(0.84; 1.61)	3.6E-01
cg25934673	PTPRN2	chr7	Body	1.18	(0.83; 1.67)	3.6E-01
cg03200105	TNFRSF11B	chr8	TSS200	0.86	(0.62; 1.19)	3.6E-01
cg13371705	CACNA1C	chr12	Body	1.38	(0.7; 2.72)	3.6E-01
cg02785870	TNRC6A	chr16	Body	0.86	(0.63; 1.18)	3.6E-01
cg05890693	TNRC6C	chr17	Body	0.85	(0.6; 1.2)	3.6E-01
cg05280478	RECQL5	chr17	Body	0.84	(0.59; 1.21)	3.6E-01
cg22786826	ATP6V0C	chr16	Body	1.16	(0.84; 1.61)	3.6E-01
cg23074601	PTPRN2	chr7	Body	1.17	(0.84; 1.63)	3.6E-01
cg08106706	ELAVL4	chr1	TSS200	1.19	(0.83; 1.7)	3.6E-01
cg08106706	ELAVL4	chr1	Body	1.19	(0.83; 1.7)	3.6E-01
cg26472973	PTPRN2	chr7	Body	1.17	(0.83; 1.65)	3.6E-01
cg00164641	WVOX	chr16	Body	1.16	(0.85; 1.57)	3.6E-01
cg03229959	DDHD2	chr8	5'UTR	1.15	(0.85; 1.57)	3.6E-01
cg03229959	DDHD2	chr8	1stExon	1.15	(0.85; 1.57)	3.6E-01
cg09351848	NRXN1	chr2	Body	1.2	(0.81; 1.77)	3.6E-01
cg05833106	CTNND2	chr5	Body	0.85	(0.6; 1.2)	3.6E-01
cg05833106	CTNND2	chr5	5'UTR	0.85	(0.6; 1.2)	3.6E-01
cg15098557	CACNA1C	chr12	Body	1.22	(0.8; 1.88)	3.6E-01
cg08579902	PTPRS	chr19	Body	1.17	(0.84; 1.63)	3.6E-01
cg12975061	WVOX	chr16	Body	0.85	(0.59; 1.21)	3.6E-01
cg23914278	SGIP1	chr1	Body	0.86	(0.62; 1.19)	3.6E-01
cg02721935	RNU5E-1	chr5	Body	0.85	(0.61; 1.2)	3.6E-01
cg04550543	CACNA1C	chr12	Body	1.2	(0.81; 1.79)	3.6E-01
cg05579077	NRXN1	chr2	5'UTR	1.27	(0.77; 2.09)	3.6E-01
cg05579077	NRXN1	chr2	1stExon	1.27	(0.77; 2.09)	3.6E-01
cg05579077	NRXN1	chr2	Body	1.27	(0.77; 2.09)	3.6E-01
cg07754747	CDH13	chr16	Body	1.17	(0.84; 1.62)	3.6E-01
cg14661464	TXNDC9	chr2	TSS1500	1.18	(0.83; 1.67)	3.6E-01
cg17945626	FBXO32	chr8	TSS1500	0.84	(0.58; 1.22)	3.6E-01
cg15469966	CHFR	chr12	3'UTR	0.85	(0.61; 1.2)	3.6E-01
cg04992665	FBXO32	chr8	Body	0.85	(0.59; 1.21)	3.6E-01
cg15061825	PTPRN2	chr7	Body	0.87	(0.65; 1.17)	3.6E-01
cg27392792	PTPRN2	chr7	TSS1500	0.83	(0.56; 1.24)	3.6E-01
cg12795560	TNFRSF11A	chr18	Body	0.73	(0.37; 1.44)	3.6E-01
cg24647031	PTPRN2	chr7	Body	0.83	(0.56; 1.23)	3.6E-01
cg08431749	PTPRN2	chr7	Body	0.87	(0.65; 1.17)	3.6E-01
cg01803486	PTPRN2	chr7	Body	0.87	(0.64; 1.17)	3.6E-01
cg27639268	CUX2	chr12	Body	1.16	(0.84; 1.62)	3.6E-01
cg03895695	MEIS2	chr15	Body	0.86	(0.61; 1.2)	3.6E-01
cg08904151	PTPRN2	chr7	Body	1.24	(0.78; 1.96)	3.6E-01

cg14909060	<i>ERI3</i>	chr1	Body	0.86	(0.61; 1.2)	3.6E-01
cg04829746	<i>ZFP91</i>	chr11	TSS200	1.15	(0.85; 1.54)	3.6E-01
cg12033124	<i>TAOK3</i>	chr12	5'UTR	1.28	(0.75; 2.16)	3.6E-01
cg00596819	<i>PTPRN2</i>	chr7	Body	0.85	(0.59; 1.21)	3.6E-01
cg26922019	<i>ZBTB20</i>	chr3	TSS1500	1.16	(0.84; 1.61)	3.6E-01
cg26922019	<i>ZBTB20</i>	chr3	5'UTR	1.16	(0.84; 1.61)	3.6E-01
cg09955450	<i>CTNND2</i>	chr5	Body	0.85	(0.61; 1.2)	3.6E-01
cg09955450	<i>CTNND2</i>	chr5	TSS200	0.85	(0.61; 1.2)	3.6E-01
cg09955450	<i>CTNND2</i>	chr5	5'UTR	0.85	(0.61; 1.2)	3.6E-01
cg09539543	<i>PTPRN2</i>	chr7	Body	1.17	(0.83; 1.66)	3.6E-01
cg05509128	<i>ZNF704</i>	chr8	Body	1.19	(0.82; 1.71)	3.6E-01
cg04607379	<i>PEX14</i>	chr1	Body	0.83	(0.56; 1.23)	3.6E-01
cg16654432	<i>ALCAM</i>	chr3	Body	0.86	(0.62; 1.19)	3.6E-01
cg10231192	<i>TAOK3</i>	chr12	5'UTR	1.27	(0.76; 2.12)	3.6E-01
cg21640060	<i>TNR</i>	chr1	5'UTR	0.86	(0.62; 1.19)	3.6E-01
cg11754652	<i>PHACTR1</i>	chr6	Body	1.16	(0.84; 1.6)	3.6E-01
cg19509988	<i>PTPRN2</i>	chr7	Body	0.85	(0.6; 1.2)	3.6E-01
cg21767434	<i>FBXO31</i>	chr16	5'UTR	1.16	(0.85; 1.58)	3.6E-01
cg06912413	<i>PTPRN2</i>	chr7	Body	0.86	(0.63; 1.18)	3.6E-01
cg14644166	<i>ALCAM</i>	chr3	TSS200	0.87	(0.64; 1.18)	3.6E-01
cg18409858	<i>PEX14</i>	chr1	Body	1.21	(0.8; 1.83)	3.6E-01
cg03846111	<i>ATF7IP</i>	chr12	5'UTR	0.85	(0.59; 1.21)	3.6E-01
cg26229648	<i>CNTF</i>	chr11	Body	0.87	(0.65; 1.17)	3.6E-01
cg20031197	<i>ERI3</i>	chr1	Body	1.24	(0.78; 1.99)	3.6E-01
cg27548450	<i>FBXO31</i>	chr16	Body	1.18	(0.83; 1.67)	3.6E-01
cg08114011	<i>CUX2</i>	chr12	Body	1.25	(0.77; 2.03)	3.6E-01
cg00039016	<i>FBXO31</i>	chr16	Body	0.83	(0.56; 1.23)	3.6E-01
cg16569373	<i>CREBBP</i>	chr16	Body	1.27	(0.76; 2.14)	3.6E-01
cg20806436	<i>UBE2E2</i>	chr3	Body	0.8	(0.5; 1.29)	3.6E-01
cg23791941	<i>AKAP13</i>	chr15	Body	0.85	(0.61; 1.2)	3.6E-01
cg01439112	<i>CTDSPL</i>	chr3	Body	1.36	(0.7; 2.63)	3.6E-01
cg20560185	<i>FBXO11</i>	chr2	3'UTR	0.84	(0.58; 1.22)	3.6E-01
cg20560185	<i>FBXO11</i>	chr2	Body	0.84	(0.58; 1.22)	3.6E-01
cg04277128	<i>RNU5E-1</i>	chr5	Body	0.78	(0.46; 1.33)	3.6E-01
cg01794596	<i>AKAP3</i>	chr12	5'UTR	0.84	(0.58; 1.22)	3.6E-01
cg11967765	<i>GNA12</i>	chr7	Body	0.7	(0.32; 1.52)	3.6E-01
cg22677556	<i>TNFRSF1B</i>	chr1	Body	1.22	(0.8; 1.86)	3.6E-01
cg04348816	<i>TNRC18</i>	chr7	5'UTR	1.16	(0.84; 1.6)	3.6E-01
cg24309040	<i>CUX2</i>	chr12	Body	0.85	(0.6; 1.21)	3.7E-01
cg24013909	<i>PTPRU</i>	chr1	Body	0.85	(0.61; 1.2)	3.7E-01
cg18735405	<i>TENM2</i>	chr5	Body	1.24	(0.78; 1.99)	3.7E-01
cg09981964	<i>CNTNAP2</i>	chr7	Body	0.83	(0.55; 1.25)	3.7E-01
cg04336433	<i>CREBBP</i>	chr16	Body	0.84	(0.57; 1.23)	3.7E-01
cg00113321	<i>PTPRN2</i>	chr7	Body	0.87	(0.65; 1.17)	3.7E-01
cg13106484	<i>PTPRN2</i>	chr7	Body	0.86	(0.61; 1.2)	3.7E-01
cg08430068	<i>FBXO34</i>	chr14	1stExon	0.85	(0.6; 1.21)	3.7E-01
cg08430068	<i>FBXO34</i>	chr14	TSS1500	0.85	(0.6; 1.21)	3.7E-01
cg08430068	<i>FBXO34</i>	chr14	5'UTR	0.85	(0.6; 1.21)	3.7E-01
cg09505513	<i>TNRC18</i>	chr7	Body	0.84	(0.58; 1.22)	3.7E-01
cg20459744	<i>FBXO33</i>	chr14	Body	0.85	(0.61; 1.2)	3.7E-01
cg26170014	<i>PTPRN2</i>	chr7	Body	1.14	(0.85; 1.53)	3.7E-01
cg24527252	<i>AKAP13</i>	chr15	5'UTR	0.87	(0.63; 1.18)	3.7E-01
cg00788521	<i>CACNA1C</i>	chr12	Body	0.86	(0.62; 1.2)	3.7E-01
cg18106550	<i>DDHD2</i>	chr8	ExonBnd	1.19	(0.82; 1.73)	3.7E-01
cg18106550	<i>DDHD2</i>	chr8	Body	1.19	(0.82; 1.73)	3.7E-01
cg23051664	<i>TNFRSF10D</i>	chr8	Body	0.87	(0.64; 1.18)	3.7E-01
cg06288684	<i>BARX1</i>	chr9	TSS1500	0.87	(0.64; 1.18)	3.7E-01
cg27201297	<i>CTDSPL</i>	chr3	TSS1500	1.17	(0.83; 1.66)	3.7E-01
cg17816173	<i>PTPRN2</i>	chr7	Body	0.86	(0.62; 1.19)	3.7E-01
cg14698665	<i>CTNND2</i>	chr5	Body	0.84	(0.58; 1.22)	3.7E-01
cg19046175	<i>TENM2</i>	chr5	Body	0.7	(0.33; 1.51)	3.7E-01

cg27125091	<i>PTPRN2</i>	chr7	Body	1.16	(0.84; 1.6)	3.7E-01
cg24689264	<i>CPEB1</i>	chr15	Body	0.84	(0.59; 1.22)	3.7E-01
cg05708255	<i>SUSD4</i>	chr1	Body	1.16	(0.84; 1.61)	3.7E-01
cg01078871	<i>FBXO33</i>	chr14	5'UTR	0.82	(0.53; 1.27)	3.7E-01
cg01078871	<i>FBXO33</i>	chr14	1stExon	0.82	(0.53; 1.27)	3.7E-01
cg00470794	<i>CHFR</i>	chr12	TSS1500	0.87	(0.64; 1.18)	3.7E-01
cg15337646	<i>CHFR</i>	chr12	TSS1500	0.85	(0.59; 1.21)	3.7E-01
cg13447454	<i>POU2F1</i>	chr1	5'UTR	1.17	(0.83; 1.63)	3.7E-01
cg17470549	<i>CDH13</i>	chr16	5'UTR	0.86	(0.62; 1.19)	3.7E-01
cg17470549	<i>CDH13</i>	chr16	Body	0.86	(0.62; 1.19)	3.7E-01
cg01699430	<i>CUX2</i>	chr12	Body	0.87	(0.64; 1.18)	3.7E-01
cg04536893	<i>CDH11</i>	chr16	5'UTR	0.81	(0.5; 1.29)	3.7E-01
cg07473853	<i>FBXO32</i>	chr8	Body	1.31	(0.73; 2.38)	3.7E-01
cg05064223	<i>PTPRN2</i>	chr7	Body	1.16	(0.84; 1.58)	3.7E-01
cg14660076	<i>TNFRSF1A</i>	chr12	Body	0.87	(0.64; 1.18)	3.7E-01
cg01579531	<i>WAC</i>	chr10	Body	0.81	(0.52; 1.28)	3.7E-01
cg17525385	<i>TENM2</i>	chr5	Body	1.19	(0.82; 1.73)	3.7E-01
cg07766942	<i>UBE2E2</i>	chr3	Body	1.15	(0.85; 1.57)	3.7E-01
cg13534715	<i>CACNA1C</i>	chr12	Body	1.17	(0.83; 1.63)	3.7E-01
cg09194449	<i>PTPRN2</i>	chr7	Body	1.15	(0.85; 1.57)	3.7E-01
cg20012879	<i>CDH13</i>	chr16	5'UTR	0.85	(0.6; 1.21)	3.7E-01
cg20012879	<i>CDH13</i>	chr16	Body	0.85	(0.6; 1.21)	3.7E-01
cg00513313	<i>PTPRN2</i>	chr7	Body	1.14	(0.85; 1.53)	3.7E-01
cg27606822	<i>CTDSP2</i>	chr12	Body	1.12	(0.87; 1.43)	3.7E-01
cg10816863	<i>EIF2S1</i>	chr14	3'UTR	0.87	(0.63; 1.18)	3.7E-01
cg16080125	<i>GNA12</i>	chr7	Body	0.75	(0.4; 1.4)	3.7E-01
cg15160746	<i>CACNA1C</i>	chr12	Body	1.14	(0.86; 1.52)	3.7E-01
cg10854029	<i>TNFRSF10B</i>	chr8	Body	0.88	(0.65; 1.17)	3.7E-01
cg10854029	<i>TNFRSF10B</i>	chr8	5'UTR	0.88	(0.65; 1.17)	3.7E-01
cg10854029	<i>TNFRSF10B</i>	chr8	1stExon	0.88	(0.65; 1.17)	3.7E-01
cg08557686	<i>RTN4R</i>	chr22	TSS1500	0.85	(0.6; 1.21)	3.7E-01
cg19637634	<i>MEIS2</i>	chr15	Body	0.84	(0.57; 1.23)	3.7E-01
cg00699321	<i>PTPRN2</i>	chr7	Body	0.87	(0.64; 1.18)	3.7E-01
cg19880462	<i>SLC16A9</i>	chr10	5'UTR	0.87	(0.64; 1.18)	3.7E-01
cg08605038	<i>ARID1A</i>	chr1	Body	1.2	(0.8; 1.81)	3.7E-01
cg04316213	<i>RTN4RL1</i>	chr17	Body	0.87	(0.65; 1.18)	3.7E-01
cg20264322	<i>TAOK3</i>	chr12	5'UTR	1.19	(0.82; 1.73)	3.7E-01
cg07031083	<i>FBXO31</i>	chr16	Body	1.16	(0.83; 1.63)	3.7E-01
cg17042000	<i>PTPRN2</i>	chr7	Body	1.15	(0.85; 1.54)	3.7E-01
cg05347872	<i>PTPRN2</i>	chr7	Body	0.85	(0.59; 1.22)	3.7E-01
cg10331779	<i>CTNND2</i>	chr5	TSS1500	0.81	(0.51; 1.28)	3.7E-01
cg18196333	<i>PTPRN2</i>	chr7	Body	1.16	(0.84; 1.58)	3.7E-01
cg13826570	<i>POU2F1</i>	chr1	Body	0.84	(0.57; 1.23)	3.7E-01
cg01272816	<i>PTPRN2</i>	chr7	Body	1.15	(0.85; 1.55)	3.7E-01
cg12295431	<i>UBE2E2</i>	chr3	Body	1.22	(0.78; 1.91)	3.7E-01
cg22321985	<i>CREBBP</i>	chr16	3'UTR	0.86	(0.63; 1.19)	3.7E-01
cg15842276	<i>MTNR1B</i>	chr11	TSS200	1.19	(0.81; 1.76)	3.7E-01
cg10889319	<i>SUGCT</i>	chr7	Body	0.84	(0.57; 1.24)	3.7E-01
cg07301944	<i>CDH13</i>	chr16	TSS200	0.84	(0.57; 1.24)	3.7E-01
cg00445142	<i>FSTL1</i>	chr3	Body	0.85	(0.6; 1.21)	3.7E-01
cg15548246	<i>PHACTR1</i>	chr6	Body	1.17	(0.83; 1.65)	3.7E-01
cg18165289	<i>TENM2</i>	chr5	Body	1.16	(0.83; 1.62)	3.7E-01
cg21197216	<i>CSMD2</i>	chr1	TSS1500	0.84	(0.57; 1.24)	3.7E-01
cg11702403	<i>TNFRSF10B</i>	chr8	Body	1.25	(0.76; 2.06)	3.7E-01
cg09040942	<i>PTPRN2</i>	chr7	Body	1.18	(0.82; 1.69)	3.7E-01
cg22750243	<i>SMARCD3</i>	chr7	TSS200	0.86	(0.61; 1.2)	3.7E-01
cg22750243	<i>SMARCD3</i>	chr7	TSS1500	0.86	(0.61; 1.2)	3.7E-01
cg13678973	<i>ELAVL4</i>	chr1	Body	0.84	(0.57; 1.24)	3.7E-01
cg13541101	<i>NOL4L</i>	chr20	Body	1.18	(0.82; 1.69)	3.7E-01
cg19857361	<i>HMGB4</i>	chr1	Body	0.88	(0.65; 1.17)	3.7E-01
cg19857361	<i>HMGB4</i>	chr1	5'UTR	0.88	(0.65; 1.17)	3.7E-01

cg19857361	CSMD2	chr1	Body	0.88	(0.65; 1.17)	3.7E-01
cg08287689	WVOX	chr16	Body	1.2	(0.8; 1.79)	3.7E-01
cg07015393	SMARCD3	chr7	TSS1500	0.79	(0.46; 1.34)	3.7E-01
cg07015393	SMARCD3	chr7	Body	0.79	(0.46; 1.34)	3.7E-01
cg18372367	TNFRSF1A	chr12	TSS200	1.2	(0.81; 1.77)	3.7E-01
cg18059383	RTN4RL1	chr17	3'UTR	0.83	(0.55; 1.25)	3.7E-01
cg10210928	GNA12	chr7	Body	0.85	(0.59; 1.22)	3.7E-01
cg11572845	SCAF8	chr6	Body	1.23	(0.78; 1.96)	3.7E-01
cg02911489	GNA12	chr7	Body	0.86	(0.61; 1.21)	3.7E-01
cg19524723	TNFRSF11A	chr18	Body	0.86	(0.62; 1.19)	3.7E-01
cg15034683	PTPRN2	chr7	Body	0.87	(0.63; 1.19)	3.7E-01
cg14803733	LOC101929698	chr20	Body	0.83	(0.54; 1.26)	3.7E-01
cg14803733	NOL4L	chr20	Body	0.83	(0.54; 1.26)	3.7E-01
cg17596493	TNFRSF19	chr13	TSS1500	0.82	(0.54; 1.26)	3.7E-01
cg12096486	SUGCT	chr7	Body	0.8	(0.49; 1.31)	3.7E-01
cg15952457	CDH13	chr16	5'UTR	1.17	(0.82; 1.67)	3.8E-01
cg15952457	CDH13	chr16	Body	1.17	(0.82; 1.67)	3.8E-01
cg25207456	RTN4RL1	chr17	Body	0.86	(0.62; 1.2)	3.8E-01
cg13738611	RAP1B	chr12	TSS200	0.86	(0.62; 1.2)	3.8E-01
cg13115534	TNR	chr1	5'UTR	0.85	(0.59; 1.22)	3.8E-01
cg01247454	COL5A2	chr2	Body	0.85	(0.6; 1.21)	3.8E-01
cg17304276	CUX2	chr12	Body	0.84	(0.57; 1.23)	3.8E-01
cg06956613	SMARCD3	chr7	TSS200	0.87	(0.63; 1.19)	3.8E-01
cg06956613	SMARCD3	chr7	Body	0.87	(0.63; 1.19)	3.8E-01
cg10871214	MBD5	chr2	5'UTR	1.17	(0.83; 1.64)	3.8E-01
cg23845211	CHFR	chr12	Body	1.15	(0.84; 1.57)	3.8E-01
cg20502694	DNAI2	chr17	Body	1.16	(0.84; 1.6)	3.8E-01
cg16597537	RTN4R	chr22	Body	1.17	(0.82; 1.66)	3.8E-01
cg21179654	ZBTB20	chr3	3'UTR	0.78	(0.45; 1.35)	3.8E-01
cg01338762	FBXO11	chr2	Body	0.83	(0.54; 1.26)	3.8E-01
cg01554257	TNRC18	chr7	Body	0.85	(0.59; 1.22)	3.8E-01
cg10310846	WAC	chr10	TSS200	0.86	(0.62; 1.2)	3.8E-01
cg10310846	WAC	chr10	TSS1500	0.86	(0.62; 1.2)	3.8E-01
cg05039004	PTPRU	chr1	Body	1.18	(0.82; 1.69)	3.8E-01
cg19619387	RTN4RL1	chr17	Body	1.17	(0.83; 1.65)	3.8E-01
cg06273051	CDH13	chr16	Body	1.15	(0.85; 1.55)	3.8E-01
cg23162598	PTPRN2	chr7	Body	0.87	(0.64; 1.18)	3.8E-01
cg17658976	PTPRN2	chr7	Body	0.86	(0.63; 1.19)	3.8E-01
cg04875212	EIF2S1	chr14	5'UTR	0.83	(0.55; 1.26)	3.8E-01
cg12309867	UBE2E2	chr3	Body	0.84	(0.56; 1.25)	3.8E-01
cg04502704	DDHD2	chr8	Body	0.86	(0.62; 1.2)	3.8E-01
cg09665332	SGIP1	chr1	Body	0.86	(0.61; 1.21)	3.8E-01
cg04297922	MEX3A	chr1	3'UTR	0.86	(0.61; 1.2)	3.8E-01
cg00334362	PHACTR1	chr6	Body	0.68	(0.29; 1.6)	3.8E-01
cg20673767	PTPRN2	chr7	Body	1.16	(0.83; 1.63)	3.8E-01
cg06901094	CSMD2	chr1	Body	0.85	(0.6; 1.22)	3.8E-01
cg24215175	TNRC6B	chr22	Body	0.81	(0.51; 1.29)	3.8E-01
cg19704410	CTDSP2	chr12	Body	1.21	(0.79; 1.84)	3.8E-01
cg06803897	FBXO38	chr5	TSS1500	0.87	(0.64; 1.19)	3.8E-01
cg05820110	RTN4RL1	chr17	Body	1.17	(0.82; 1.68)	3.8E-01
cg04775824	PTPRN2	chr7	Body	0.85	(0.59; 1.22)	3.8E-01
cg12035530	CACNA1C	chr12	Body	1.19	(0.81; 1.74)	3.8E-01
cg12144852	PTPRN2	chr7	Body	1.15	(0.84; 1.58)	3.8E-01
cg07768554	CSMD2	chr1	Body	0.87	(0.63; 1.19)	3.8E-01
cg26159990	ERI3	chr1	Body	1.16	(0.83; 1.62)	3.8E-01
cg22053929	MEX3A	chr1	TSS1500	0.88	(0.65; 1.18)	3.8E-01
cg07689260	PTPRN2	chr7	Body	1.13	(0.86; 1.5)	3.8E-01
cg01256026	WVOX	chr16	Body	1.16	(0.83; 1.61)	3.8E-01
cg00283887	PTPRN2	chr7	Body	1.16	(0.83; 1.61)	3.8E-01
cg17486066	HMGB4	chr1	Body	0.84	(0.56; 1.25)	3.8E-01
cg17486066	CSMD2	chr1	Body	0.84	(0.56; 1.25)	3.8E-01

cg07226612	CTNND2	chr5	Body	1.16	(0.83; 1.62)	3.8E-01
cg12406992	MEX3A	chr1	Body	0.84	(0.58; 1.23)	3.8E-01
cg06278181	ARID1A	chr1	Body	0.84	(0.57; 1.24)	3.8E-01
cg12197142	RECQL5	chr17	Body	0.84	(0.56; 1.25)	3.8E-01
cg14669511	RTN4RL1	chr17	Body	1.16	(0.83; 1.62)	3.8E-01
cg19806031	MEIS2	chr15	Body	0.85	(0.58; 1.23)	3.8E-01
cg23248689	AKAP13	chr15	Body	0.85	(0.59; 1.23)	3.8E-01
cg26064307	TENM2	chr5	Body	0.86	(0.6; 1.21)	3.8E-01
cg21945842	ALCAM	chr3	TSS1500	1.17	(0.82; 1.66)	3.8E-01
cg18929894	ATF7IP	chr12	5'UTR	1.21	(0.79; 1.87)	3.8E-01
cg24191641	FBXO36	chr2	Body	1.15	(0.84; 1.59)	3.8E-01
cg00847544	PTPRN2	chr7	Body	0.86	(0.62; 1.2)	3.8E-01
cg17279410	TNFRSF11A	chr18	Body	0.86	(0.62; 1.2)	3.8E-01
cg03097785	UBE2E2	chr3	Body	0.83	(0.54; 1.26)	3.8E-01
cg04939051	ATP6V0C	chr16	Body	0.86	(0.62; 1.2)	3.8E-01
cg01039154	TENM2	chr5	Body	0.86	(0.62; 1.2)	3.8E-01
cg25793578	PTPRN2	chr7	Body	0.87	(0.65; 1.18)	3.8E-01
cg06976434	COL5A2	chr2	Body	0.86	(0.62; 1.2)	3.8E-01
cg10554264	PTPRN2	chr7	Body	0.87	(0.64; 1.19)	3.8E-01
cg21232015	CHFR	chr12	Body	0.78	(0.45; 1.36)	3.8E-01
cg22801866	TNRC18	chr7	Body	0.86	(0.62; 1.2)	3.8E-01
cg21282529	NOL4L	chr20	Body	0.68	(0.29; 1.61)	3.8E-01
cg14054343	RTN4	chr2	TSS200	1.14	(0.85; 1.53)	3.8E-01
cg14054343	RTN4	chr2	Body	1.14	(0.85; 1.53)	3.8E-01
cg25169875	ZFP91	chr11	Body	1.15	(0.84; 1.57)	3.8E-01
cg02945866	PTPRN2	chr7	Body	0.86	(0.62; 1.2)	3.8E-01
cg17823892	PDE8A	chr15	TSS200	0.87	(0.64; 1.19)	3.8E-01
cg19112780	PTPRU	chr1	1stExon	0.87	(0.64; 1.19)	3.8E-01
cg19112780	PTPRU	chr1	5'UTR	0.87	(0.64; 1.19)	3.8E-01
cg13693986	PEX14	chr1	Body	0.85	(0.6; 1.22)	3.8E-01
cg02495518	NRXN1	chr2	Body	1.13	(0.85; 1.51)	3.8E-01
cg02495518	NRXN1	chr2	TSS1500	1.13	(0.85; 1.51)	3.8E-01
cg20314038	CSMD2	chr1	Body	0.85	(0.58; 1.24)	3.8E-01
cg10941174	CNTNAP2	chr7	Body	1.15	(0.84; 1.58)	3.8E-01
cg14754741	PTPRU	chr1	Body	1.26	(0.75; 2.12)	3.9E-01
cg14769786	RTN4RL1	chr17	Body	0.86	(0.61; 1.21)	3.9E-01
cg08606573	CREBBP	chr16	Body	0.87	(0.63; 1.2)	3.9E-01
cg00222867	PDE8A	chr15	Body	1.15	(0.84; 1.58)	3.9E-01
cg17460368	ZBTB20	chr3	5'UTR	1.16	(0.83; 1.63)	3.9E-01
cg00623698	CHD6	chr20	Body	0.78	(0.44; 1.37)	3.9E-01
cg07915399	CSMD2	chr1	Body	1.21	(0.79; 1.86)	3.9E-01
cg21793437	CACNA1C	chr12	Body	0.79	(0.47; 1.34)	3.9E-01
cg01155522	TNRC6A	chr16	TSS200	1.16	(0.83; 1.62)	3.9E-01
cg01221746	TNRC18	chr7	Body	1.14	(0.85; 1.54)	3.9E-01
cg09516231	PTPRN2	chr7	Body	0.87	(0.64; 1.19)	3.9E-01
cg07891033	CTNND2	chr5	Body	0.87	(0.62; 1.2)	3.9E-01
cg07891033	CTNND2	chr5	5'UTR	0.87	(0.62; 1.2)	3.9E-01
cg03929057	MEX3A	chr1	Body	0.88	(0.65; 1.18)	3.9E-01
cg04985661	PHACTR1	chr6	TSS1500	0.87	(0.63; 1.2)	3.9E-01
cg10231116	PTPRN2	chr7	Body	0.88	(0.65; 1.18)	3.9E-01
cg16761098	POU2F1	chr1	Body	1.19	(0.8; 1.77)	3.9E-01
cg16245035	PEX14	chr1	Body	1.16	(0.83; 1.64)	3.9E-01
cg00570881	ZBTB20	chr3	Body	1.22	(0.77; 1.93)	3.9E-01
cg00570881	ZBTB20	chr3	5'UTR	1.22	(0.77; 1.93)	3.9E-01
cg27308682	PTPRN2	chr7	Body	0.85	(0.58; 1.24)	3.9E-01
cg04215186	TNRC6A	chr16	Body	0.86	(0.62; 1.2)	3.9E-01
cg16028694	ALCAM	chr3	Body	0.87	(0.64; 1.19)	3.9E-01
cg22823058	CDH13	chr16	Body	0.85	(0.59; 1.23)	3.9E-01
cg17139690	PTPRN2	chr7	Body	0.88	(0.65; 1.18)	3.9E-01
cg25816357	GOLT1B	chr12	3'UTR	0.87	(0.63; 1.19)	3.9E-01
cg27364578	PHACTR1	chr6	Body	1.15	(0.84; 1.56)	3.9E-01

cg02551301	<i>PTPRU</i>	chr1	Body	1.34	(0.69; 2.58)	3.9E-01
cg02168291	<i>CDH13</i>	chr16	Body	1.18	(0.81; 1.7)	3.9E-01
cg11835544	<i>PTPRN2</i>	chr7	Body	0.86	(0.61; 1.21)	3.9E-01
cg25625670	<i>RTN4RL2</i>	chr11	Body	1.17	(0.82; 1.68)	3.9E-01
cg16622958	<i>FBXO31</i>	chr16	Body	1.14	(0.84; 1.55)	3.9E-01
cg16622958	<i>FBXO31</i>	chr16	5'UTR	1.14	(0.84; 1.55)	3.9E-01
cg16124293	<i>CDH13</i>	chr16	Body	0.87	(0.62; 1.2)	3.9E-01
cg16124293	<i>CDH13</i>	chr16	5'UTR	0.87	(0.62; 1.2)	3.9E-01
cg16124293	<i>CDH13</i>	chr16	3'UTR	0.87	(0.62; 1.2)	3.9E-01
cg22236711	<i>TNFRSF10B</i>	chr8	TSS1500	0.82	(0.51; 1.3)	3.9E-01
cg20450423	<i>RTN4RL1</i>	chr17	Body	0.76	(0.41; 1.41)	3.9E-01
cg27639457	<i>CTNND2</i>	chr5	Body	0.83	(0.54; 1.27)	3.9E-01
cg07524137	<i>PTPRN2</i>	chr7	Body	0.86	(0.61; 1.21)	3.9E-01
cg09390513	<i>CACNA1C</i>	chr12	Body	0.78	(0.44; 1.38)	3.9E-01
cg17178777	<i>AKAP13</i>	chr15	5'UTR	1.17	(0.82; 1.68)	3.9E-01
cg22787816	<i>SMARCD3</i>	chr7	TSS1500	0.87	(0.63; 1.2)	3.9E-01
cg11297016	<i>TENM2</i>	chr5	Body	1.15	(0.84; 1.57)	3.9E-01
cg17599372	<i>PTPRN2</i>	chr7	Body	1.15	(0.84; 1.58)	3.9E-01
cg03021296	<i>PTPRN2</i>	chr7	Body	0.87	(0.64; 1.19)	3.9E-01
cg10989897	<i>ELAVL4</i>	chr1	TSS200	1.16	(0.82; 1.64)	3.9E-01
cg04471171	<i>CSMD2</i>	chr1	Body	1.15	(0.84; 1.56)	3.9E-01
cg14851949	<i>ARID1A</i>	chr1	TSS1500	0.87	(0.64; 1.19)	3.9E-01
cg03660034	<i>TNRC6C</i>	chr17	5'UTR	0.83	(0.53; 1.28)	3.9E-01
cg16232702	<i>DDHD2</i>	chr8	5'UTR	1.15	(0.83; 1.59)	3.9E-01
cg16232702	<i>DDHD2</i>	chr8	TSS200	1.15	(0.83; 1.59)	3.9E-01
cg03336706	<i>TNR</i>	chr1	5'UTR	0.85	(0.59; 1.23)	3.9E-01
cg20057752	<i>TENM2</i>	chr5	Body	0.87	(0.64; 1.19)	3.9E-01
cg07085167	<i>FBXO34</i>	chr14	5'UTR	1.15	(0.84; 1.56)	3.9E-01
cg13287266	<i>PTPRS</i>	chr19	3'UTR	1.15	(0.84; 1.56)	3.9E-01
cg17628100	<i>WWOX</i>	chr16	Body	0.81	(0.49; 1.32)	3.9E-01
cg02064636	<i>CACNA1C-IT2</i>	chr12	Body	0.82	(0.52; 1.29)	3.9E-01
cg04195892	<i>CUX2</i>	chr12	Body	1.19	(0.8; 1.77)	3.9E-01
cg11904912	<i>CTNND2</i>	chr5	Body	0.78	(0.44; 1.38)	3.9E-01
cg24410136	<i>RTN4RL1</i>	chr17	Body	0.85	(0.59; 1.23)	3.9E-01
cg13069413	<i>CDH13</i>	chr16	5'UTR	1.18	(0.81; 1.71)	3.9E-01
cg13069413	<i>CDH13</i>	chr16	Body	1.18	(0.81; 1.71)	3.9E-01
cg25429902	<i>CNTNAP2</i>	chr7	Body	0.83	(0.54; 1.27)	3.9E-01
cg12448545	<i>FBXO11</i>	chr2	TSS1500	1.15	(0.83; 1.6)	3.9E-01
cg04003505	<i>TNFRSF1B</i>	chr1	Body	0.88	(0.66; 1.18)	3.9E-01
cg25847835	<i>FBXO38</i>	chr5	5'UTR	0.87	(0.63; 1.2)	3.9E-01
cg04249032	<i>PTPRN2</i>	chr7	Body	0.87	(0.64; 1.19)	3.9E-01
cg00085713	<i>CTDSPL</i>	chr3	Body	1.25	(0.75; 2.08)	3.9E-01
cg22508930	<i>RAP1B</i>	chr12	5'UTR	0.84	(0.57; 1.25)	3.9E-01
cg13658711	<i>LOC101928417</i>	chr16	TSS200	0.88	(0.65; 1.18)	3.9E-01
cg13658711	<i>CDH13</i>	chr16	5'UTR	0.88	(0.65; 1.18)	3.9E-01
cg13658711	<i>CDH13</i>	chr16	Body	0.88	(0.65; 1.18)	3.9E-01
cg02790932	<i>UBE2E2</i>	chr3	Body	1.19	(0.8; 1.77)	3.9E-01
cg26482757	<i>AKAP13</i>	chr15	5'UTR	0.87	(0.64; 1.19)	3.9E-01
cg16072211	<i>ATP6V0C</i>	chr16	TSS1500	1.18	(0.81; 1.71)	3.9E-01
cg21148737	<i>ERI3</i>	chr1	Body	1.18	(0.81; 1.72)	4.0E-01
cg16988976	<i>TXNDC9</i>	chr2	TSS200	1.15	(0.83; 1.59)	4.0E-01
cg27113326	<i>PTPRN2</i>	chr7	Body	0.86	(0.61; 1.21)	4.0E-01
cg19260567	<i>CNTNAP2</i>	chr7	Body	1.17	(0.82; 1.67)	4.0E-01
cg02991464	<i>CACNA1C</i>	chr12	Body	1.16	(0.82; 1.65)	4.0E-01
cg07213780	<i>PTPRN2</i>	chr7	Body	1.15	(0.84; 1.57)	4.0E-01
cg12228319	<i>BRUNOL4</i>	chr18	Body	1.16	(0.82; 1.63)	4.0E-01
cg00533835	<i>PTPRN2</i>	chr7	Body	0.86	(0.61; 1.21)	4.0E-01
cg27550672	<i>MTCL1</i>	chr18	Body	0.86	(0.61; 1.21)	4.0E-01
cg04818078	<i>CREBBP</i>	chr16	Body	0.83	(0.53; 1.29)	4.0E-01
cg05832514	<i>WWOX</i>	chr16	Body	0.86	(0.6; 1.22)	4.0E-01
cg08442028	<i>FBXO31</i>	chr16	TSS200	0.87	(0.63; 1.2)	4.0E-01

cg02345961	BRUNOL4	chr18	Body	1.17	(0.82; 1.67)	4.0E-01
cg23520260	COL5A2	chr2	Body	0.86	(0.61; 1.21)	4.0E-01
cg14649924	PEX14	chr1	1stExon	1.14	(0.84; 1.55)	4.0E-01
cg19026976	BRUNOL4	chr18	Body	1.14	(0.84; 1.56)	4.0E-01
cg16427703	GNA12	chr7	Body	1.24	(0.75; 2.06)	4.0E-01
cg06309497	PEX14	chr1	TSS1500	0.87	(0.63; 1.2)	4.0E-01
cg05389560	RECQL	chr12	TSS200	0.84	(0.55; 1.26)	4.0E-01
cg05389560	GOLT1B	chr12	TSS200	0.84	(0.55; 1.26)	4.0E-01
cg08166487	TNRC18	chr7	Body	1.17	(0.82; 1.66)	4.0E-01
cg22820375	ERI3	chr1	Body	0.85	(0.59; 1.23)	4.0E-01
cg22820375	ERI3	chr1	5'UTR	0.85	(0.59; 1.23)	4.0E-01
cg21040417	NRXN1	chr2	Body	1.15	(0.83; 1.61)	4.0E-01
cg18732758	TNRC18	chr7	Body	0.84	(0.56; 1.26)	4.0E-01
cg04405760	CSMD2	chr1	Body	0.83	(0.55; 1.27)	4.0E-01
cg11398400	RTN4RL1	chr17	Body	0.88	(0.65; 1.19)	4.0E-01
cg13732622	CHCHD6	chr3	Body	0.88	(0.65; 1.19)	4.0E-01
cg13447539	UBE2E2	chr3	TSS1500	1.2	(0.78; 1.85)	4.0E-01
cg18383872	CDH13	chr16	Body	0.86	(0.6; 1.22)	4.0E-01
cg18383872	LOC101928417	chr16	TSS1500	0.86	(0.6; 1.22)	4.0E-01
cg18383872	CDH13	chr16	5'UTR	0.86	(0.6; 1.22)	4.0E-01
cg12241755	DACH1	chr13	Body	1.22	(0.77; 1.95)	4.0E-01
cg06045579	FBXO31	chr16	Body	1.14	(0.84; 1.57)	4.0E-01
cg11791210	NOL4	chr18	TSS1500	0.88	(0.65; 1.19)	4.0E-01
cg01731811	PTPRN2	chr7	Body	1.15	(0.83; 1.6)	4.0E-01
cg07765403	CSMD2	chr1	Body	1.18	(0.8; 1.74)	4.0E-01
cg06362743	CACNA1C	chr12	Body	1.15	(0.83; 1.59)	4.0E-01
cg22019360	ORC4	chr2	TSS1500	0.87	(0.62; 1.21)	4.0E-01
cg22019360	MBD5	chr2	5'UTR	0.87	(0.62; 1.21)	4.0E-01
cg04720886	CNTNAP2	chr7	Body	0.88	(0.65; 1.19)	4.0E-01
cg06058529	PTPRN2	chr7	Body	1.17	(0.81; 1.7)	4.0E-01
cg21819722	ATP8A1	chr4	Body	0.86	(0.61; 1.22)	4.0E-01
cg11309704	PTPRN2	chr7	Body	1.15	(0.83; 1.61)	4.0E-01
cg06194010	CACNA1C	chr12	Body	0.88	(0.64; 1.19)	4.0E-01
cg23774857	FSTL1	chr3	Body	0.71	(0.32; 1.57)	4.0E-01
cg23250289	SRSF12	chr6	ExonBnd	0.86	(0.6; 1.23)	4.0E-01
cg23250289	SRSF12	chr6	Body	0.86	(0.6; 1.23)	4.0E-01
cg25319656	PTPRN2	chr7	Body	0.88	(0.64; 1.19)	4.0E-01
cg22051883	WWOX	chr16	5'UTR	0.87	(0.62; 1.21)	4.0E-01
cg22051883	WWOX	chr16	Body	0.87	(0.62; 1.21)	4.0E-01
cg22051883	WWOX	chr16	1stExon	0.87	(0.62; 1.21)	4.0E-01
cg12903638	UNC80	chr2	TSS1500	1.16	(0.82; 1.64)	4.0E-01
cg13977618	CACNA1C-AS4	chr12	TSS200	0.84	(0.56; 1.26)	4.0E-01
cg13977618	CACNA1C	chr12	Body	0.84	(0.56; 1.26)	4.0E-01
cg02183950	FBXO32	chr8	5'UTR	1.14	(0.84; 1.55)	4.0E-01
cg02183950	FBXO32	chr8	Body	1.14	(0.84; 1.55)	4.0E-01
cg04629753	ZBTB20	chr3	5'UTR	1.29	(0.71; 2.36)	4.0E-01
cg04629753	ZBTB20	chr3	TSS200	1.29	(0.71; 2.36)	4.0E-01
cg03147394	NOL4	chr18	Body	1.16	(0.82; 1.65)	4.0E-01
cg13316262	COL5A2	chr2	Body	0.84	(0.56; 1.26)	4.0E-01
cg06081628	CACNA1C	chr12	Body	0.87	(0.63; 1.2)	4.0E-01
cg15508169	PTPRN2	chr7	Body	0.87	(0.64; 1.2)	4.0E-01
cg19071854	CUX2	chr12	Body	0.84	(0.56; 1.26)	4.0E-01
cg10589094	TNFRSF1A	chr12	TSS1500	1.18	(0.8; 1.74)	4.0E-01
cg17408552	CPEB1	chr15	Body	1.16	(0.82; 1.64)	4.0E-01
cg17408552	CPEB1	chr15	5'UTR	1.16	(0.82; 1.64)	4.0E-01
cg17574877	CACNA1C	chr12	Body	0.87	(0.64; 1.2)	4.0E-01
cg09998033	PTPRN2	chr7	Body	0.87	(0.62; 1.21)	4.0E-01
cg00801394	ATF7	chr12	3'UTR	0.87	(0.64; 1.2)	4.0E-01
cg00801394	ATF7	chr12	Body	0.87	(0.64; 1.2)	4.0E-01
cg22544914	CUX2	chr12	Body	1.2	(0.78; 1.85)	4.0E-01
cg08460153	TNRC18	chr7	5'UTR	0.87	(0.63; 1.21)	4.0E-01

cg10243459	<i>PTPRN2</i>	chr7	Body	1.17	(0.81; 1.69)	4.0E-01
cg09183316	<i>CTDSP2</i>	chr12	Body	0.78	(0.43; 1.4)	4.0E-01
cg12605080	<i>CTDSPL</i>	chr3	Body	0.86	(0.61; 1.22)	4.0E-01
cg11642769	<i>UBE2E2</i>	chr3	Body	1.18	(0.8; 1.74)	4.0E-01
cg08602500	<i>PTPRN2</i>	chr7	Body	0.86	(0.62; 1.21)	4.0E-01
cg20654733	<i>PTPRN2</i>	chr7	Body	0.87	(0.63; 1.2)	4.0E-01
cg20572374	<i>TNFRSF1B</i>	chr1	Body	0.72	(0.34; 1.55)	4.0E-01
cg01566906	<i>ALCAM</i>	chr3	Body	0.87	(0.62; 1.21)	4.0E-01
cg20964024	<i>CUX2</i>	chr12	Body	1.15	(0.83; 1.58)	4.0E-01
cg01681990	<i>PTPRN2</i>	chr7	Body	0.87	(0.62; 1.22)	4.0E-01
cg05241596	<i>UBE2E2</i>	chr3	Body	0.87	(0.63; 1.2)	4.0E-01
cg00043265	<i>FBXO34</i>	chr14	1stExon	1.15	(0.83; 1.59)	4.0E-01
cg00043265	<i>FBXO34</i>	chr14	5'UTR	1.15	(0.83; 1.59)	4.0E-01
cg15981875	<i>TNFRSF11A</i>	chr18	Body	1.16	(0.82; 1.65)	4.0E-01
cg07388254	<i>WWOX</i>	chr16	Body	1.13	(0.85; 1.51)	4.0E-01
cg06655494	<i>TNRC18</i>	chr7	Body	0.87	(0.63; 1.21)	4.0E-01
cg16076783	<i>RTN4RL1</i>	chr17	1stExon	1.17	(0.81; 1.69)	4.0E-01
cg16076783	<i>RTN4RL1</i>	chr17	5'UTR	1.17	(0.81; 1.69)	4.0E-01
cg00039463	<i>CREBBP</i>	chr16	TSS1500	1.17	(0.81; 1.67)	4.0E-01
cg01973089	<i>RECQL5</i>	chr17	3'UTR	0.86	(0.61; 1.22)	4.1E-01
cg01973089	<i>RECQL5</i>	chr17	Body	0.86	(0.61; 1.22)	4.1E-01
cg24008619	<i>TNRC6C</i>	chr17	5'UTR	0.87	(0.62; 1.22)	4.1E-01
cg21580421	<i>CCDC80</i>	chr3	TSS1500	1.16	(0.81; 1.66)	4.1E-01
cg10965405	<i>CDH13</i>	chr16	5'UTR	1.19	(0.79; 1.81)	4.1E-01
cg10965405	<i>CDH13</i>	chr16	Body	1.19	(0.79; 1.81)	4.1E-01
cg00312767	<i>TNR</i>	chr1	Body	0.85	(0.57; 1.25)	4.1E-01
cg11221049	<i>FBXO33</i>	chr14	1stExon	0.87	(0.62; 1.21)	4.1E-01
cg03619683	<i>ZBTB20</i>	chr3	ExonBnd	0.87	(0.63; 1.21)	4.1E-01
cg03619683	<i>ZBTB20</i>	chr3	Body	0.87	(0.63; 1.21)	4.1E-01
cg03619683	<i>ZBTB20</i>	chr3	5'UTR	0.87	(0.63; 1.21)	4.1E-01
cg14219411	<i>CEP350</i>	chr1	Body	0.85	(0.57; 1.26)	4.1E-01
cg14840163	<i>TNFRSF10B</i>	chr8	Body	0.87	(0.64; 1.2)	4.1E-01
cg09900102	<i>WWOX</i>	chr16	Body	0.87	(0.62; 1.22)	4.1E-01
cg06331531	<i>PTPRN2</i>	chr7	Body	1.15	(0.83; 1.59)	4.1E-01
cg15289882	<i>PTPRN2</i>	chr7	Body	0.87	(0.62; 1.21)	4.1E-01
cg06228260	<i>PTPRN2</i>	chr7	Body	1.15	(0.83; 1.59)	4.1E-01
cg17859326	<i>MTNR1A</i>	chr4	Body	0.87	(0.62; 1.21)	4.1E-01
cg11277907	<i>CHD6</i>	chr20	5'UTR	1.24	(0.75; 2.06)	4.1E-01
cg27482690	<i>TNRC18</i>	chr7	Body	1.19	(0.79; 1.8)	4.1E-01
cg02521637	<i>PTPRN2</i>	chr7	Body	0.86	(0.6; 1.23)	4.1E-01
cg12439903	<i>MTCL1</i>	chr18	5'UTR	1.15	(0.82; 1.62)	4.1E-01
cg06479057	<i>CCDC80</i>	chr3	Body	0.87	(0.61; 1.22)	4.1E-01
cg26784952	<i>DACH1</i>	chr13	TSS1500	1.2	(0.78; 1.83)	4.1E-01
cg14321334	<i>UNC80</i>	chr2	Body	1.2	(0.78; 1.85)	4.1E-01
cg08192683	<i>PTPRN2</i>	chr7	Body	0.87	(0.63; 1.21)	4.1E-01
cg22868346	<i>EIF2S1</i>	chr14	TSS200	1.14	(0.84; 1.56)	4.1E-01
cg24517400	<i>EIF2S1</i>	chr14	TSS200	1.14	(0.83; 1.57)	4.1E-01
cg13726218	<i>DACH1</i>	chr13	Body	0.83	(0.53; 1.3)	4.1E-01
cg18011899	<i>PTPRN2</i>	chr7	Body	0.86	(0.59; 1.24)	4.1E-01
cg09567735	<i>CUX2</i>	chr12	Body	1.14	(0.83; 1.56)	4.1E-01
cg09460267	<i>MEIS2</i>	chr15	Body	1.15	(0.83; 1.6)	4.1E-01
cg23304647	<i>GNA12</i>	chr7	Body	0.66	(0.25; 1.76)	4.1E-01
cg10700964	<i>TNFRSF10B</i>	chr8	TSS200	1.14	(0.84; 1.56)	4.1E-01
cg07902731	<i>FBXO31</i>	chr16	Body	1.15	(0.82; 1.62)	4.1E-01
cg07131790	<i>POU2F1</i>	chr1	Body	1.15	(0.83; 1.6)	4.1E-01
cg17447802	<i>RTN4RL1</i>	chr17	Body	1.21	(0.77; 1.89)	4.1E-01
cg27259807	<i>MTCL1</i>	chr18	Body	1.14	(0.83; 1.57)	4.1E-01
cg20222988	<i>TENM2</i>	chr5	Body	1.16	(0.82; 1.64)	4.1E-01
cg16503683	<i>ZFP91</i>	chr11	TSS1500	0.87	(0.62; 1.21)	4.1E-01
cg17538556	<i>FBXO38</i>	chr5	Body	0.87	(0.63; 1.21)	4.1E-01
cg00209424	<i>RTN4</i>	chr2	TSS200	1.15	(0.82; 1.61)	4.1E-01

cg24736834	<i>PDE8A</i>	chr15	TSS200	0.86	(0.6; 1.24)	4.1E-01
cg07951978	<i>CHFR</i>	chr12	TSS1500	0.87	(0.63; 1.2)	4.1E-01
cg25977304	<i>POU2F1</i>	chr1	TSS1500	1.15	(0.83; 1.59)	4.1E-01
cg01679225	<i>PTPRN2</i>	chr7	Body	1.15	(0.83; 1.6)	4.1E-01
cg05821571	<i>PTPRN2</i>	chr7	Body	0.87	(0.62; 1.21)	4.1E-01
cg25143162	<i>PTPRN2</i>	chr7	Body	1.15	(0.82; 1.61)	4.1E-01
cg16725583	<i>ZFP91</i>	chr11	TSS200	1.14	(0.84; 1.54)	4.1E-01
cg00224086	<i>PTPRN2</i>	chr7	Body	1.14	(0.84; 1.54)	4.1E-01
cg22326754	<i>ATF7IP2</i>	chr16	TSS1500	1.12	(0.85; 1.49)	4.1E-01
cg14581304	<i>TENM2</i>	chr5	Body	0.83	(0.54; 1.29)	4.1E-01
cg21755737	<i>PTPRN2</i>	chr7	Body	1.13	(0.85; 1.5)	4.1E-01
cg03140190	<i>CREBBP</i>	chr16	Body	0.84	(0.55; 1.27)	4.1E-01
cg14063566	<i>LOC100130933</i>	chr17	1stExon	0.86	(0.59; 1.24)	4.1E-01
cg14063566	<i>LOC100130933</i>	chr17	5'UTR	0.86	(0.59; 1.24)	4.1E-01
cg14063566	<i>RECQL5</i>	chr17	Body	0.86	(0.59; 1.24)	4.1E-01
cg17310427	<i>ELAVL4</i>	chr1	Body	1.17	(0.81; 1.69)	4.1E-01
cg13592941	<i>CUX2</i>	chr12	Body	1.22	(0.76; 1.95)	4.1E-01
cg15681130	<i>RTN4RL1</i>	chr17	Body	1.13	(0.84; 1.52)	4.1E-01
cg18801028	<i>PTPRU</i>	chr1	Body	1.17	(0.81; 1.68)	4.1E-01
cg11551090	<i>CTNND2</i>	chr5	Body	0.86	(0.61; 1.22)	4.1E-01
cg11551090	<i>CTNND2</i>	chr5	ExonBnd	0.86	(0.61; 1.22)	4.1E-01
cg10452410	<i>PTPRN2</i>	chr7	Body	1.22	(0.76; 1.94)	4.1E-01
cg02637474	<i>PTPRN2</i>	chr7	Body	1.17	(0.8; 1.72)	4.1E-01
cg13210517	<i>CHCHD6</i>	chr3	Body	0.88	(0.64; 1.2)	4.1E-01
cg05820157	<i>FBXO31</i>	chr16	Body	1.15	(0.82; 1.62)	4.1E-01
cg16734845	<i>CTDSPL2</i>	chr15	Body	0.85	(0.59; 1.24)	4.1E-01
cg09220440	<i>PTPRN2</i>	chr7	Body	1.15	(0.82; 1.63)	4.1E-01
cg10853728	<i>CDH11</i>	chr16	Body	1.16	(0.82; 1.64)	4.1E-01
cg02330706	<i>RECQL5</i>	chr17	Body	1.16	(0.81; 1.67)	4.1E-01
cg04050763	<i>ZFP91</i>	chr11	TSS1500	0.85	(0.57; 1.26)	4.1E-01
cg21015966	<i>ZNF704</i>	chr8	TSS1500	0.85	(0.58; 1.25)	4.1E-01
cg01098010	<i>TAOK3</i>	chr12	5'UTR	0.86	(0.59; 1.24)	4.1E-01
cg00820422	<i>PTPRN2</i>	chr7	Body	0.89	(0.66; 1.19)	4.1E-01
cg16973203	<i>FBXO36</i>	chr2	3'UTR	1.27	(0.72; 2.24)	4.1E-01
cg17246726	<i>FBXO31</i>	chr16	Body	1.14	(0.83; 1.58)	4.1E-01
cg17246726	<i>FBXO31</i>	chr16	5'UTR	1.14	(0.83; 1.58)	4.1E-01
cg18735473	<i>BRUNOL4</i>	chr18	Body	1.16	(0.81; 1.67)	4.1E-01
cg04486940	<i>ERI3</i>	chr1	Body	1.14	(0.83; 1.55)	4.1E-01
cg25588935	<i>PTPRN2</i>	chr7	Body	1.15	(0.82; 1.6)	4.1E-01
cg08708194	<i>CHD6</i>	chr20	Body	0.77	(0.41; 1.44)	4.1E-01
cg21753616	<i>PTPRN2</i>	chr7	Body	1.13	(0.84; 1.51)	4.1E-01
cg27015761	<i>ATP8A1</i>	chr4	TSS200	0.88	(0.66; 1.19)	4.1E-01
cg12656227	<i>PTPRN2</i>	chr7	Body	1.14	(0.83; 1.57)	4.1E-01
cg11760198	<i>BRUNOL4</i>	chr18	Body	1.18	(0.79; 1.76)	4.1E-01
cg03960595	<i>PTPRN2</i>	chr7	Body	0.88	(0.64; 1.2)	4.1E-01
cg03069726	<i>UBE2E2</i>	chr3	Body	1.17	(0.81; 1.69)	4.1E-01
cg05729908	<i>TAOK3</i>	chr12	TSS1500	1.13	(0.84; 1.54)	4.1E-01
cg01415857	<i>PTPRN2</i>	chr7	Body	1.15	(0.83; 1.59)	4.2E-01
cg19237294	<i>BRUNOL4</i>	chr18	Body	0.85	(0.56; 1.27)	4.2E-01
cg07011179	<i>PTPRN2</i>	chr7	Body	0.85	(0.58; 1.26)	4.2E-01
cg17387870	<i>CHFR</i>	chr12	Body	1.15	(0.83; 1.59)	4.2E-01
cg10320201	<i>CDH13</i>	chr16	Body	1.13	(0.84; 1.51)	4.2E-01
cg20985897	<i>PTPRN2</i>	chr7	Body	0.87	(0.63; 1.21)	4.2E-01
cg10576516	<i>RECQL5</i>	chr17	TSS200	1.14	(0.83; 1.58)	4.2E-01
cg21802863	<i>NRXN1</i>	chr2	Body	1.14	(0.83; 1.58)	4.2E-01
cg05643579	<i>CTDSPL</i>	chr3	Body	0.74	(0.35; 1.54)	4.2E-01
cg08729730	<i>PTPRN2</i>	chr7	Body	1.19	(0.78; 1.81)	4.2E-01
cg17345887	<i>CDH13</i>	chr16	5'UTR	0.86	(0.6; 1.24)	4.2E-01
cg17345887	<i>CDH13</i>	chr16	Body	0.86	(0.6; 1.24)	4.2E-01
cg06420305	<i>WWOX</i>	chr16	TSS1500	0.88	(0.66; 1.19)	4.2E-01
cg25333826	<i>RTN4</i>	chr2	Body	1.15	(0.82; 1.62)	4.2E-01

cg25333826	<i>RTN4</i>	chr2	5'UTR	1.15	(0.82; 1.62)	4.2E-01
cg26201240	<i>CDH13</i>	chr16	TSS1500	0.88	(0.65; 1.2)	4.2E-01
cg02470440	<i>PTPRN2</i>	chr7	Body	0.88	(0.64; 1.21)	4.2E-01
cg26377120	<i>GNA12</i>	chr7	Body	1.42	(0.61; 3.28)	4.2E-01
cg23039316	<i>TNFRSF1A</i>	chr12	TSS1500	1.15	(0.82; 1.64)	4.2E-01
cg13832622	<i>ORC4</i>	chr2	5'UTR	1.13	(0.84; 1.53)	4.2E-01
cg13832622	<i>MBD5</i>	chr2	TSS1500	1.13	(0.84; 1.53)	4.2E-01
cg21323106	<i>PTPRN2</i>	chr7	Body	0.88	(0.63; 1.21)	4.2E-01
cg15878673	<i>DMXL2</i>	chr15	Body	1.2	(0.77; 1.88)	4.2E-01
cg22451479	<i>CTNND2</i>	chr5	Body	0.85	(0.58; 1.25)	4.2E-01
cg22451479	<i>CTNND2</i>	chr5	5'UTR	0.85	(0.58; 1.25)	4.2E-01
cg22451479	<i>CTNND2</i>	chr5	TSS1500	0.85	(0.58; 1.25)	4.2E-01
cg19268477	<i>PTPRN2</i>	chr7	Body	1.14	(0.83; 1.58)	4.2E-01
cg18161374	<i>BRUNOL4</i>	chr18	TSS200	0.86	(0.59; 1.24)	4.2E-01
cg14127859	<i>BARX1</i>	chr9	Body	0.82	(0.51; 1.32)	4.2E-01
cg22791324	<i>PTPRN2</i>	chr7	Body	0.88	(0.65; 1.2)	4.2E-01
cg09000502	<i>CTDSPL</i>	chr3	Body	0.72	(0.33; 1.59)	4.2E-01
cg11688874	<i>WAC</i>	chr10	Body	0.88	(0.64; 1.21)	4.2E-01
cg11688874	<i>WAC</i>	chr10	1stExon	0.88	(0.64; 1.21)	4.2E-01
cg11688874	<i>WAC</i>	chr10	5'UTR	0.88	(0.64; 1.21)	4.2E-01
cg15669816	<i>ZNF704</i>	chr8	Body	0.85	(0.56; 1.27)	4.2E-01
cg17613241	<i>TENM2</i>	chr5	Body	0.88	(0.64; 1.2)	4.2E-01
cg22994649	<i>PTPRN2</i>	chr7	Body	0.87	(0.61; 1.23)	4.2E-01
cg15922680	<i>POU2F1</i>	chr1	Body	1.15	(0.82; 1.61)	4.2E-01
cg19091386	<i>PTPRN2</i>	chr7	Body	0.88	(0.65; 1.2)	4.2E-01
cg06183333	<i>TAOK3</i>	chr12	5'UTR	0.86	(0.6; 1.23)	4.2E-01
cg15520292	<i>ATF7</i>	chr12	5'UTR	0.89	(0.66; 1.19)	4.2E-01
cg15520292	<i>ATF7</i>	chr12	TSS200	0.89	(0.66; 1.19)	4.2E-01
cg15520292	<i>ATF7</i>	chr12	Body	0.89	(0.66; 1.19)	4.2E-01
cg10800941	<i>WWOX</i>	chr16	Body	0.88	(0.63; 1.21)	4.2E-01
cg26034624	<i>MEIS2</i>	chr15	Body	1.17	(0.8; 1.69)	4.2E-01
cg12867150	<i>PTPRU</i>	chr1	Body	1.18	(0.79; 1.78)	4.2E-01
cg27598576	<i>ATF7</i>	chr12	5'UTR	0.66	(0.24; 1.82)	4.2E-01
cg27598576	<i>ATF7</i>	chr12	Body	0.66	(0.24; 1.82)	4.2E-01
cg00207244	<i>PTPRN2</i>	chr7	Body	1.16	(0.81; 1.64)	4.2E-01
cg07613284	<i>CHCHD6</i>	chr3	Body	0.83	(0.53; 1.3)	4.2E-01
cg04944477	<i>SCAF8</i>	chr6	Body	0.87	(0.63; 1.22)	4.2E-01
cg23794430	<i>SGIP1</i>	chr1	Body	1.17	(0.8; 1.73)	4.2E-01
cg26985080	<i>BARX2</i>	chr11	Body	0.83	(0.53; 1.3)	4.2E-01
cg12378726	<i>CTDSPL</i>	chr3	Body	0.88	(0.64; 1.2)	4.2E-01
cg14248352	<i>CNTNAP2</i>	chr7	Body	0.87	(0.62; 1.22)	4.2E-01
cg02046881	<i>GNA12</i>	chr7	Body	0.89	(0.66; 1.19)	4.2E-01
cg02312706	<i>FBXO31</i>	chr16	Body	0.87	(0.63; 1.21)	4.2E-01
cg21385978	<i>MBD5</i>	chr2	5'UTR	1.21	(0.77; 1.9)	4.2E-01
cg18124517	<i>TNFRSF1B</i>	chr1	Body	1.19	(0.78; 1.83)	4.2E-01
cg08116366	<i>SMARCD3</i>	chr7	Body	1.23	(0.75; 2.01)	4.2E-01
cg23287951	<i>TNRC6B</i>	chr22	5'UTR	1.16	(0.81; 1.65)	4.2E-01
cg07951193	<i>TNRC18</i>	chr7	Body	0.81	(0.48; 1.36)	4.2E-01
cg14554371	<i>PTPRN2</i>	chr7	Body	0.87	(0.61; 1.23)	4.2E-01
cg10066623	<i>RNU5E-1</i>	chr5	Body	0.86	(0.6; 1.24)	4.2E-01
cg07438751	<i>TENM2</i>	chr5	Body	0.88	(0.63; 1.21)	4.2E-01
cg09616189	<i>CNTNAP2</i>	chr7	Body	0.87	(0.63; 1.22)	4.2E-01
cg10929447	<i>FBXO31</i>	chr16	Body	1.14	(0.82; 1.59)	4.2E-01
cg10929447	<i>FBXO31</i>	chr16	5'UTR	1.14	(0.82; 1.59)	4.2E-01
cg15540496	<i>PTPRN2</i>	chr7	Body	0.88	(0.64; 1.21)	4.2E-01
cg19852058	<i>ALCAM</i>	chr3	3'UTR	1.16	(0.8; 1.69)	4.2E-01
cg25469698	<i>TXNDC9</i>	chr2	TSS1500	0.86	(0.59; 1.25)	4.2E-01
cg09882452	<i>RECQL5</i>	chr17	Body	1.16	(0.81; 1.67)	4.2E-01
cg13013538	<i>CHCHD6</i>	chr3	TSS1500	0.89	(0.66; 1.19)	4.2E-01
cg11778545	<i>TNFRSF19</i>	chr13	Body	0.87	(0.62; 1.22)	4.2E-01
cg14119861	<i>CPEB1</i>	chr15	Body	1.14	(0.83; 1.58)	4.2E-01

cg14119861	<i>CPEB1</i>	chr15	5'UTR	1.14	(0.83; 1.58)	4.2E-01
cg15986542	<i>CACNA1C</i>	chr12	Body	1.15	(0.82; 1.62)	4.2E-01
cg00914222	<i>PTPRU</i>	chr1	Body	0.88	(0.65; 1.2)	4.2E-01
cg17522601	<i>CHFR</i>	chr12	Body	1.14	(0.82; 1.59)	4.2E-01
cg09438943	<i>TNFRSF11A</i>	chr18	Body	0.82	(0.51; 1.33)	4.2E-01
cg19542090	<i>PDE8A</i>	chr15	TSS1500	1.17	(0.8; 1.72)	4.2E-01
cg18894198	<i>PTPRN2</i>	chr7	Body	1.14	(0.83; 1.55)	4.2E-01
cg11697226	<i>TNFRSF11A</i>	chr18	TSS200	1.17	(0.8; 1.71)	4.2E-01
cg17510502	<i>PTPRN2</i>	chr7	Body	1.13	(0.84; 1.52)	4.2E-01
cg25698236	<i>MTNR1A</i>	chr4	Body	0.89	(0.66; 1.19)	4.2E-01
cg07099481	<i>AKAP13</i>	chr15	Body	1.28	(0.7; 2.32)	4.2E-01
cg10982015	<i>RAP1B</i>	chr12	TSS200	1.2	(0.76; 1.9)	4.2E-01
cg24682385	<i>CREBBP</i>	chr16	Body	0.86	(0.59; 1.25)	4.2E-01
cg21628055	<i>GNA12</i>	chr7	Body	0.87	(0.62; 1.22)	4.2E-01
cg08827144	<i>PTPRN2</i>	chr7	Body	1.14	(0.83; 1.58)	4.2E-01
cg27004850	<i>PTPRN2</i>	chr7	Body	1.17	(0.79; 1.74)	4.2E-01
cg06097320	<i>TNFRSF12A</i>	chr16	TSS200	1.12	(0.85; 1.48)	4.2E-01
cg02818143	<i>PTPRN2</i>	chr7	3'UTR	0.87	(0.63; 1.22)	4.2E-01
cg22267941	<i>PDE8A</i>	chr15	TSS1500	1.14	(0.82; 1.6)	4.3E-01
cg09576209	<i>CACNA1C</i>	chr12	Body	1.17	(0.8; 1.7)	4.3E-01
cg20745134	<i>C11orf67</i>	chr11	5'UTR	0.88	(0.64; 1.21)	4.3E-01
cg22015449	<i>CSMD2</i>	chr1	TSS1500	1.13	(0.83; 1.55)	4.3E-01
cg18307677	<i>PTPRN2</i>	chr7	Body	0.89	(0.66; 1.19)	4.3E-01
cg12551582	<i>CHFR</i>	chr12	TSS1500	0.88	(0.65; 1.2)	4.3E-01
cg18453904	<i>ALCAM</i>	chr3	Body	0.88	(0.65; 1.2)	4.3E-01
cg09215952	<i>TNRC6B</i>	chr22	Body	0.78	(0.42; 1.45)	4.3E-01
cg02220008	<i>PHACTR1</i>	chr6	Body	1.17	(0.79; 1.74)	4.3E-01
cg05502759	<i>CSMD2</i>	chr1	ExonBnd	0.88	(0.63; 1.21)	4.3E-01
cg05502759	<i>CSMD2</i>	chr1	Body	0.88	(0.63; 1.21)	4.3E-01
cg11664673	<i>WAC</i>	chr10	Body	1.16	(0.81; 1.67)	4.3E-01
cg16721194	<i>CUX2</i>	chr12	Body	1.26	(0.71; 2.23)	4.3E-01
cg11168006	<i>HMGB4</i>	chr1	5'UTR	1.14	(0.82; 1.59)	4.3E-01
cg11168006	<i>CSMD2</i>	chr1	Body	1.14	(0.82; 1.59)	4.3E-01
cg10612850	<i>TNRC6B</i>	chr22	Body	0.89	(0.66; 1.19)	4.3E-01
cg17372101	<i>CNTNAP2</i>	chr7	Body	0.86	(0.6; 1.24)	4.3E-01
cg26394825	<i>CHFR</i>	chr12	TSS1500	0.87	(0.62; 1.23)	4.3E-01
cg07538293	<i>PTPRN2</i>	chr7	Body	0.87	(0.63; 1.22)	4.3E-01
cg09892015	<i>RTN4RL1</i>	chr17	Body	0.88	(0.64; 1.21)	4.3E-01
cg04173714	<i>AKAP13</i>	chr15	Body	0.88	(0.64; 1.21)	4.3E-01
cg19036372	<i>PTPRN2</i>	chr7	Body	0.87	(0.62; 1.22)	4.3E-01
cg12406607	<i>ELAVL4</i>	chr1	Body	0.88	(0.64; 1.21)	4.3E-01
cg16796848	<i>PTPRN2</i>	chr7	Body	0.88	(0.65; 1.2)	4.3E-01
cg04094148	<i>BARX2</i>	chr11	TSS1500	0.88	(0.64; 1.21)	4.3E-01
cg18288907	<i>SCAF8</i>	chr6	Body	0.86	(0.6; 1.24)	4.3E-01
cg18122501	<i>PTPRN2</i>	chr7	Body	1.14	(0.83; 1.57)	4.3E-01
cg01935413	<i>CDH13</i>	chr16	Body	1.15	(0.81; 1.64)	4.3E-01
cg08518101	<i>CDH13</i>	chr16	Body	0.86	(0.59; 1.25)	4.3E-01
cg17171407	<i>TNFRSF11B</i>	chr8	Body	1.12	(0.84; 1.49)	4.3E-01
cg00118719	<i>FBXO33</i>	chr14	1stExon	0.85	(0.58; 1.26)	4.3E-01
cg06947694	<i>TNRC18</i>	chr7	Body	1.15	(0.82; 1.6)	4.3E-01
cg15744368	<i>TNRC6C</i>	chr17	3'UTR	0.86	(0.59; 1.25)	4.3E-01
cg03752513	<i>LOC101929698</i>	chr20	Body	1.21	(0.76; 1.92)	4.3E-01
cg03752513	<i>NOL4L</i>	chr20	Body	1.21	(0.76; 1.92)	4.3E-01
cg10992339	<i>ATP8A1</i>	chr4	Body	0.75	(0.37; 1.52)	4.3E-01
cg21269738	<i>CACNA1C</i>	chr12	Body	1.15	(0.82; 1.62)	4.3E-01
cg16561057	<i>PTPRN2</i>	chr7	Body	0.87	(0.62; 1.22)	4.3E-01
cg23395034	<i>ARID1A</i>	chr1	Body	0.87	(0.61; 1.24)	4.3E-01
cg10530336	<i>PTPRN2</i>	chr7	Body	0.88	(0.65; 1.2)	4.3E-01
cg00214250	<i>PTPRN2</i>	chr7	Body	1.15	(0.81; 1.63)	4.3E-01
cg14292168	<i>CCDC80</i>	chr3	Body	0.87	(0.61; 1.23)	4.3E-01
cg20579012	<i>CACNA1C</i>	chr12	3'UTR	1.15	(0.82; 1.61)	4.3E-01

cg07781364	<i>NRXN1</i>	chr2	Body	1.17	(0.79; 1.73)	4.3E-01
cg17496602	<i>CREBBP</i>	chr16	Body	0.85	(0.57; 1.27)	4.3E-01
cg15555217	<i>CTDSPL</i>	chr3	Body	1.17	(0.79; 1.73)	4.3E-01
cg03648054	<i>WVOX</i>	chr16	Body	0.88	(0.65; 1.2)	4.3E-01
cg21279840	<i>PTPRN2</i>	chr7	Body	1.16	(0.81; 1.65)	4.3E-01
cg13909533	<i>ELAVL4</i>	chr1	TSS1500	0.84	(0.55; 1.29)	4.3E-01
cg13909533	<i>ELAVL4</i>	chr1	Body	0.84	(0.55; 1.29)	4.3E-01
cg19375767	<i>ARID1A</i>	chr1	Body	0.86	(0.59; 1.25)	4.3E-01
cg24576995	<i>PTPRN2</i>	chr7	Body	0.87	(0.62; 1.23)	4.3E-01
cg14430158	<i>TENM2</i>	chr5	Body	1.15	(0.81; 1.63)	4.3E-01
cg16722302	<i>TNRC18</i>	chr7	5'UTR	0.88	(0.63; 1.22)	4.3E-01
cg16989378	<i>FBXO36</i>	chr2	TSS1500	0.87	(0.62; 1.22)	4.3E-01
cg02319318	<i>ZNF704</i>	chr8	Body	1.14	(0.82; 1.6)	4.3E-01
cg22573528	<i>NRXN1</i>	chr2	Body	1.18	(0.78; 1.79)	4.3E-01
cg07912922	<i>PHACTR1</i>	chr6	Body	0.87	(0.62; 1.23)	4.3E-01
cg10374297	<i>PTPRN2</i>	chr7	Body	1.15	(0.81; 1.64)	4.3E-01
cg26507409	<i>TNRC6B</i>	chr22	Body	1.18	(0.78; 1.78)	4.3E-01
cg03448007	<i>TNRC18</i>	chr7	Body	0.87	(0.63; 1.22)	4.3E-01
cg10613546	<i>PTPRN2</i>	chr7	Body	0.88	(0.65; 1.2)	4.3E-01
cg01608400	<i>WVOX</i>	chr16	Body	1.15	(0.81; 1.63)	4.3E-01
cg23352885	<i>PTPRN2</i>	chr7	Body	0.88	(0.64; 1.21)	4.3E-01
cg08492145	<i>PTPRN2</i>	chr7	Body	1.13	(0.83; 1.53)	4.3E-01
cg23888154	<i>ATP8A1</i>	chr4	TSS200	1.13	(0.83; 1.55)	4.3E-01
cg01496696	<i>PTPRN2</i>	chr7	Body	1.13	(0.83; 1.53)	4.3E-01
cg08840687	<i>FSTL1</i>	chr3	3'UTR	0.87	(0.62; 1.23)	4.3E-01
cg12002159	<i>TNFRSF1B</i>	chr1	5'UTR	0.88	(0.65; 1.21)	4.3E-01
cg12002159	<i>TNFRSF1B</i>	chr1	1stExon	0.88	(0.65; 1.21)	4.3E-01
cg10670187	<i>DACH1</i>	chr13	Body	1.26	(0.71; 2.26)	4.3E-01
cg26049853	<i>CHCHD6</i>	chr3	Body	0.88	(0.64; 1.21)	4.3E-01
cg00256785	<i>CHFR</i>	chr12	TSS200	0.89	(0.66; 1.2)	4.3E-01
cg02324079	<i>TNRC6A</i>	chr16	Body	0.78	(0.42; 1.46)	4.3E-01
cg01963870	<i>CREBBP</i>	chr16	Body	0.89	(0.66; 1.19)	4.3E-01
cg17119612	<i>ZNF704</i>	chr8	5'UTR	1.13	(0.83; 1.54)	4.3E-01
cg25300386	<i>COL1A2</i>	chr7	5'UTR	1.16	(0.8; 1.68)	4.3E-01
cg25300386	<i>COL1A2</i>	chr7	1stExon	1.16	(0.8; 1.68)	4.3E-01
cg01262413	<i>PTPRN2</i>	chr7	Body	0.86	(0.59; 1.25)	4.3E-01
cg16628676	<i>TNRC6B</i>	chr22	3'UTR	1.31	(0.66; 2.59)	4.3E-01
cg07624612	<i>CPEB1</i>	chr15	Body	0.86	(0.59; 1.26)	4.3E-01
cg17804850	<i>TNFRSF11A</i>	chr18	3'UTR	0.89	(0.66; 1.2)	4.3E-01
cg26321153	<i>PTPRN2</i>	chr7	Body	0.88	(0.64; 1.21)	4.3E-01
cg21007371	<i>UBE2E2</i>	chr3	TSS1500	1.22	(0.74; 2.01)	4.3E-01
cg13408152	<i>FSTL1</i>	chr3	TSS1500	1.19	(0.77; 1.84)	4.3E-01
cg13533439	<i>ZBTB20</i>	chr3	5'UTR	1.15	(0.81; 1.62)	4.3E-01
cg21399120	<i>CDH13</i>	chr16	5'UTR	1.14	(0.82; 1.57)	4.3E-01
cg21399120	<i>CDH13</i>	chr16	Body	1.14	(0.82; 1.57)	4.3E-01
cg13608961	<i>NRXN1</i>	chr2	Body	0.87	(0.6; 1.24)	4.3E-01
cg12143241	<i>CACNA1C</i>	chr12	Body	1.14	(0.82; 1.58)	4.3E-01
cg13174688	<i>MTCL1</i>	chr18	Body	1.14	(0.82; 1.59)	4.3E-01
cg25225521	<i>PTPRN2</i>	chr7	Body	0.91	(0.71; 1.16)	4.3E-01
cg03850711	<i>HMGB4</i>	chr1	3'UTR	1.12	(0.84; 1.51)	4.3E-01
cg03850711	<i>CSMD2</i>	chr1	Body	1.12	(0.84; 1.51)	4.3E-01
cg20413923	<i>ARID1A</i>	chr1	5'UTR	0.86	(0.58; 1.27)	4.3E-01
cg20413923	<i>ARID1A</i>	chr1	1stExon	0.86	(0.58; 1.27)	4.3E-01
cg12227258	<i>ELAVL4</i>	chr1	TSS200	1.15	(0.81; 1.62)	4.4E-01
cg12227258	<i>ELAVL4</i>	chr1	Body	1.15	(0.81; 1.62)	4.4E-01
cg00039662	<i>ZBTB20</i>	chr3	5'UTR	1.14	(0.82; 1.58)	4.4E-01
cg25495685	<i>SMARCD3</i>	chr7	TSS1500	0.86	(0.59; 1.25)	4.4E-01
cg25495685	<i>SMARCD3</i>	chr7	Body	0.86	(0.59; 1.25)	4.4E-01
cg24095303	<i>BARX2</i>	chr11	Body	0.88	(0.65; 1.2)	4.4E-01
cg11521318	<i>TNRC6B</i>	chr22	Body	0.76	(0.39; 1.5)	4.4E-01
cg11521318	<i>TNRC6B</i>	chr22	TSS1500	0.76	(0.39; 1.5)	4.4E-01

cg11430766	<i>NRXN1</i>	chr2	Body	1.15	(0.81; 1.63)	4.4E-01
cg20389760	<i>ATP8A1</i>	chr4	TSS1500	0.88	(0.64; 1.21)	4.4E-01
cg04585221	<i>PEX14</i>	chr1	Body	1.13	(0.83; 1.54)	4.4E-01
cg22053687	<i>WVOX</i>	chr16	Body	1.16	(0.79; 1.71)	4.4E-01
cg21440084	<i>CSMD2</i>	chr1	Body	0.89	(0.67; 1.19)	4.4E-01
cg10714597	<i>TNFRSF11A</i>	chr18	TSS200	1.15	(0.81; 1.62)	4.4E-01
cg06778662	<i>PTPRN2</i>	chr7	Body	0.89	(0.67; 1.19)	4.4E-01
cg07161024	<i>WVOX</i>	chr16	Body	0.87	(0.61; 1.24)	4.4E-01
cg01108637	<i>PTPRN2</i>	chr7	Body	0.88	(0.64; 1.21)	4.4E-01
cg13546321	<i>CUX2</i>	chr12	Body	0.87	(0.62; 1.23)	4.4E-01
cg10778837	<i>CNTNAP2</i>	chr7	Body	1.13	(0.83; 1.54)	4.4E-01
cg05502211	<i>TNRC18</i>	chr7	Body	1.17	(0.78; 1.75)	4.4E-01
cg20957774	<i>PTPRN2</i>	chr7	Body	0.87	(0.61; 1.24)	4.4E-01
cg12600265	<i>TNRC18</i>	chr7	Body	0.83	(0.52; 1.32)	4.4E-01
cg06927522	<i>CNTNAP2</i>	chr7	Body	1.15	(0.81; 1.65)	4.4E-01
cg11168904	<i>ATP8A1</i>	chr4	Body	0.84	(0.54; 1.3)	4.4E-01
cg24804145	<i>PTPRN2</i>	chr7	Body	0.88	(0.64; 1.21)	4.4E-01
cg02507604	<i>CHFR</i>	chr12	3'UTR	1.14	(0.82; 1.58)	4.4E-01
cg22011802	<i>PTPRN2</i>	chr7	Body	0.86	(0.59; 1.26)	4.4E-01
cg08104132	<i>AKAP13</i>	chr15	Body	0.89	(0.66; 1.19)	4.4E-01
cg05894355	<i>ELAVL4</i>	chr1	TSS1500	0.86	(0.6; 1.25)	4.4E-01
cg05894355	<i>ELAVL4</i>	chr1	Body	0.86	(0.6; 1.25)	4.4E-01
cg16064424	<i>WVOX</i>	chr16	Body	0.87	(0.61; 1.24)	4.4E-01
cg05742721	<i>ZFP91</i>	chr11	Body	1.16	(0.79; 1.7)	4.4E-01
cg04792888	<i>ATF7</i>	chr12	Body	0.86	(0.59; 1.26)	4.4E-01
cg19069029	<i>PHACTR1</i>	chr6	Body	0.86	(0.58; 1.26)	4.4E-01
cg07159686	<i>RTN4R</i>	chr22	Body	1.17	(0.79; 1.73)	4.4E-01
cg12398261	<i>PTPRN2</i>	chr7	Body	1.17	(0.78; 1.76)	4.4E-01
cg11051417	<i>TAOK3</i>	chr12	Body	1.13	(0.83; 1.55)	4.4E-01
cg26895220	<i>PDE8A</i>	chr15	5'UTR	1.19	(0.77; 1.85)	4.4E-01
cg26895220	<i>PDE8A</i>	chr15	Body	1.19	(0.77; 1.85)	4.4E-01
cg06478943	<i>PDE8A</i>	chr15	Body	1.14	(0.82; 1.57)	4.4E-01
cg01602001	<i>CDH11</i>	chr16	5'UTR	0.86	(0.6; 1.25)	4.4E-01
cg03527077	<i>PTPRN2</i>	chr7	Body	1.13	(0.83; 1.53)	4.4E-01
cg11752927	<i>PTPRN2</i>	chr7	Body	1.12	(0.83; 1.52)	4.4E-01
cg08497530	<i>CDH13</i>	chr16	TSS200	0.86	(0.58; 1.26)	4.4E-01
cg12163490	<i>CDH11</i>	chr16	5'UTR	1.21	(0.74; 1.97)	4.4E-01
cg12163490	<i>CDH11</i>	chr16	1stExon	1.21	(0.74; 1.97)	4.4E-01
cg04595505	<i>NRXN1</i>	chr2	Body	0.89	(0.66; 1.2)	4.4E-01
cg19465011	<i>PTPRN2</i>	chr7	Body	0.89	(0.65; 1.2)	4.4E-01
cg16119643	<i>UBE2E2</i>	chr3	Body	1.25	(0.71; 2.2)	4.4E-01
cg11725080	<i>RTN4RL1</i>	chr17	Body	0.86	(0.58; 1.26)	4.4E-01
cg14848482	<i>CSMD2</i>	chr1	ExonBnd	0.87	(0.61; 1.24)	4.4E-01
cg14848482	<i>CSMD2</i>	chr1	Body	0.87	(0.61; 1.24)	4.4E-01
cg06329447	<i>ELAVL4</i>	chr1	TSS1500	0.84	(0.54; 1.31)	4.4E-01
cg06329447	<i>ELAVL4</i>	chr1	Body	0.84	(0.54; 1.31)	4.4E-01
cg08964948	<i>CREBBP</i>	chr16	Body	1.15	(0.8; 1.65)	4.4E-01
cg05439204	<i>PTPRN2</i>	chr7	Body	1.13	(0.83; 1.53)	4.4E-01
cg02795249	<i>CTDSPL</i>	chr3	Body	1.12	(0.84; 1.49)	4.4E-01
cg05196076	<i>FBXO31</i>	chr16	Body	1.13	(0.83; 1.54)	4.4E-01
cg05890727	<i>FBXO34</i>	chr14	5'UTR	0.82	(0.5; 1.36)	4.4E-01
cg25949550	<i>CNTNAP2</i>	chr7	Body	1.17	(0.78; 1.75)	4.4E-01
cg11366233	<i>AKAP13</i>	chr15	5'UTR	0.87	(0.6; 1.25)	4.4E-01
cg22557523	<i>TNFRSF12A</i>	chr16	TSS1500	1.18	(0.77; 1.8)	4.4E-01
cg12335116	<i>ZBTB20</i>	chr3	5'UTR	0.88	(0.63; 1.22)	4.4E-01
cg09263904	<i>CTDSP2</i>	chr12	Body	1.16	(0.79; 1.71)	4.4E-01
cg24533989	<i>ATP8A1</i>	chr4	TSS1500	0.88	(0.65; 1.21)	4.4E-01
cg13181164	<i>MEIS2</i>	chr15	Body	1.13	(0.83; 1.54)	4.4E-01
cg26426403	<i>CDH13</i>	chr16	5'UTR	0.86	(0.58; 1.27)	4.4E-01
cg26426403	<i>CDH13</i>	chr16	Body	0.86	(0.58; 1.27)	4.4E-01
cg15889705	<i>MTNR1A</i>	chr4	Body	1.13	(0.82; 1.56)	4.4E-01

cg16715436	<i>MTCL1</i>	chr18	Body	0.87	(0.62; 1.23)	4.4E-01
cg26401253	<i>DCUN1D4</i>	chr4	Body	1.14	(0.82; 1.58)	4.4E-01
cg14933881	<i>AKAP13</i>	chr15	Body	0.88	(0.62; 1.23)	4.4E-01
cg14933881	<i>AKAP13</i>	chr15	1stExon	0.88	(0.62; 1.23)	4.4E-01
cg16688980	<i>FBXO31</i>	chr16	Body	0.88	(0.65; 1.21)	4.4E-01
cg21045000	<i>TAOK3</i>	chr12	TSS1500	0.89	(0.66; 1.2)	4.4E-01
cg00797346	<i>MEIS2</i>	chr15	5'UTR	0.87	(0.6; 1.25)	4.4E-01
cg00797346	<i>MEIS2</i>	chr15	1stExon	0.87	(0.6; 1.25)	4.4E-01
cg00797346	<i>MEIS2</i>	chr15	Body	0.87	(0.6; 1.25)	4.4E-01
cg00797346	<i>MEIS2</i>	chr15	TSS1500	0.87	(0.6; 1.25)	4.4E-01
cg09833475	<i>PTPRN2</i>	chr7	Body	1.14	(0.81; 1.6)	4.4E-01
cg22791535	<i>ELAVL4</i>	chr1	3'UTR	1.16	(0.79; 1.72)	4.4E-01
cg26711230	<i>ATF7IP</i>	chr12	TSS1500	0.88	(0.65; 1.21)	4.4E-01
cg00128883	<i>ATF7</i>	chr12	TSS1500	1.25	(0.71; 2.19)	4.4E-01
cg00128883	<i>ATF7</i>	chr12	TSS200	1.25	(0.71; 2.19)	4.4E-01
cg23357811	<i>DCUN1D4</i>	chr4	Body	0.87	(0.62; 1.23)	4.4E-01
cg19495351	<i>UNC80</i>	chr2	Body	1.14	(0.81; 1.61)	4.4E-01
cg08936992	<i>LOC101929698</i>	chr20	Body	0.85	(0.55; 1.3)	4.4E-01
cg08936992	<i>NOL4L</i>	chr20	Body	0.85	(0.55; 1.3)	4.4E-01
cg01903241	<i>PTPRN2</i>	chr7	Body	0.89	(0.65; 1.21)	4.4E-01
cg01145688	<i>TNR</i>	chr1	Body	1.24	(0.71; 2.17)	4.4E-01
cg15209988	<i>TNFRSF10D</i>	chr8	TSS200	1.17	(0.78; 1.74)	4.4E-01
cg18339519	<i>ALCAM</i>	chr3	Body	1.12	(0.84; 1.5)	4.5E-01
cg11843948	<i>TNRC18</i>	chr7	Body	0.87	(0.62; 1.24)	4.5E-01
cg00760449	<i>SUGCT</i>	chr7	Body	0.87	(0.61; 1.25)	4.5E-01
cg03779374	<i>ZBTB20</i>	chr3	TSS1500	0.86	(0.59; 1.26)	4.5E-01
cg03779374	<i>ZBTB20</i>	chr3	5'UTR	0.86	(0.59; 1.26)	4.5E-01
cg03779374	<i>ZBTB20</i>	chr3	TSS200	0.86	(0.59; 1.26)	4.5E-01
cg20519944	<i>PTPRN2</i>	chr7	Body	0.88	(0.63; 1.23)	4.5E-01
cg01099094	<i>CSMD2</i>	chr1	Body	1.14	(0.81; 1.6)	4.5E-01
cg01139696	<i>GNA12</i>	chr7	Body	1.12	(0.83; 1.52)	4.5E-01
cg27318635	<i>CREBBP</i>	chr16	Body	0.75	(0.36; 1.56)	4.5E-01
cg09362918	<i>CNTNAP2</i>	chr7	Body	0.88	(0.64; 1.21)	4.5E-01
cg26651148	<i>PTPRN2</i>	chr7	Body	0.87	(0.62; 1.24)	4.5E-01
cg23898214	<i>PHACTR1</i>	chr6	Body	1.31	(0.65; 2.63)	4.5E-01
cg13443842	<i>CACNA1C</i>	chr12	TSS1500	0.88	(0.63; 1.23)	4.5E-01
ch.12.1224713F	<i>CTDSP2</i>	chr12	3'UTR	0.88	(0.62; 1.23)	4.5E-01
cg20195882	<i>TDRP</i>	chr8	TSS1500	0.87	(0.61; 1.25)	4.5E-01
cg25419384	<i>TNFRSF1B</i>	chr1	Body	1.18	(0.77; 1.83)	4.5E-01
cg17434510	<i>TNRC6B</i>	chr22	Body	1.2	(0.76; 1.89)	4.5E-01
cg09211763	<i>COL5A2</i>	chr2	1stExon	0.87	(0.6; 1.26)	4.5E-01
cg09211763	<i>COL5A2</i>	chr2	5'UTR	0.87	(0.6; 1.26)	4.5E-01
cg15826644	<i>FBXO36</i>	chr2	Body	0.89	(0.67; 1.2)	4.5E-01
cg22932804	<i>ELAVL4</i>	chr1	TSS1500	0.89	(0.66; 1.2)	4.5E-01
cg09982294	<i>MTCL1</i>	chr18	Body	1.13	(0.82; 1.55)	4.5E-01
cg21143896	<i>GNA12</i>	chr7	Body	1.13	(0.82; 1.56)	4.5E-01
cg26079666	<i>BRUNOL4</i>	chr18	Body	1.18	(0.77; 1.79)	4.5E-01
cg02855558	<i>PTPRN2</i>	chr7	Body	0.88	(0.63; 1.23)	4.5E-01
cg02331348	<i>PTPRN2</i>	chr7	Body	0.88	(0.64; 1.22)	4.5E-01
cg20166534	<i>TNFRSF10B</i>	chr8	Body	0.87	(0.6; 1.25)	4.5E-01
cg11148491	<i>RTN4RL1</i>	chr17	Body	0.88	(0.64; 1.22)	4.5E-01
cg10523996	<i>CHCHD6</i>	chr3	5'UTR	1.14	(0.81; 1.62)	4.5E-01
cg10523996	<i>CHCHD6</i>	chr3	1stExon	1.14	(0.81; 1.62)	4.5E-01
cg12034641	<i>FBXO34</i>	chr14	5'UTR	0.76	(0.38; 1.54)	4.5E-01
cg25165908	<i>CUX2</i>	chr12	Body	0.86	(0.59; 1.26)	4.5E-01
cg01704609	<i>TNFRSF19</i>	chr13	Body	1.16	(0.8; 1.68)	4.5E-01
cg22519571	<i>PTPRN2</i>	chr7	Body	0.87	(0.61; 1.25)	4.5E-01
cg18564665	<i>PHACTR1</i>	chr6	Body	0.87	(0.6; 1.25)	4.5E-01
cg06816102	<i>PHACTR1</i>	chr6	Body	0.77	(0.4; 1.5)	4.5E-01
cg15252510	<i>CSMD2</i>	chr1	Body	0.81	(0.47; 1.4)	4.5E-01
cg14897683	<i>FBXO34</i>	chr14	5'UTR	1.12	(0.83; 1.51)	4.5E-01

cg18742521	TENM2	chr5	Body	1.15	(0.8; 1.66)	4.5E-01
cg09835801	FBXO36	chr2	TSS1500	1.12	(0.83; 1.52)	4.5E-01
cg15001936	PTPRN2	chr7	Body	0.87	(0.6; 1.26)	4.5E-01
cg02366856	MEIS2	chr15	Body	0.87	(0.62; 1.24)	4.5E-01
cg07830167	ACVR2A	chr2	Body	0.85	(0.56; 1.29)	4.5E-01
cg24903589	PTPRS	chr19	Body	1.2	(0.75; 1.91)	4.5E-01
cg13466456	PTPRU	chr1	Body	0.88	(0.64; 1.22)	4.5E-01
cg10562732	ALCAM	chr3	Body	1.17	(0.78; 1.73)	4.5E-01
cg19369556	CDH13	chr16	Body	1.15	(0.8; 1.65)	4.5E-01
cg27408456	CACNA1C	chr12	Body	0.87	(0.62; 1.24)	4.5E-01
cg04072177	GNA12	chr7	Body	0.89	(0.67; 1.2)	4.5E-01
cg08844894	TNFRSF1B	chr1	TSS200	1.12	(0.83; 1.51)	4.5E-01
cg14631706	BRUNOL4	chr18	Body	1.14	(0.81; 1.59)	4.5E-01
cg16291831	PTPRN2	chr7	3'UTR	0.88	(0.63; 1.23)	4.5E-01
cg19383680	PTPRN2	chr7	Body	0.9	(0.68; 1.18)	4.5E-01
cg03339717	PTPRN2	chr7	Body	0.89	(0.65; 1.21)	4.5E-01
cg01247275	TNRC6B	chr22	Body	0.86	(0.58; 1.28)	4.5E-01
cg11523910	ZBTB20	chr3	Body	1.14	(0.81; 1.62)	4.5E-01
cg11523910	ZBTB20	chr3	5'UTR	1.14	(0.81; 1.62)	4.5E-01
cg26764094	TNRC6B	chr22	Body	1.13	(0.82; 1.55)	4.5E-01
cg04807004	CPEB1	chr15	Body	1.16	(0.79; 1.69)	4.5E-01
cg04807004	CPEB1	chr15	TSS200	1.16	(0.79; 1.69)	4.5E-01
cg26389570	RTN4RL1	chr17	Body	0.84	(0.53; 1.33)	4.5E-01
cg26308704	PTPRN2	chr7	Body	1.12	(0.83; 1.52)	4.5E-01
cg27524602	ERI3	chr1	TSS1500	0.88	(0.64; 1.22)	4.5E-01
cg11602897	CUX2	chr12	Body	0.87	(0.6; 1.25)	4.5E-01
cg27503970	TXNDC9	chr2	TSS1500	1.12	(0.83; 1.5)	4.5E-01
cg05652666	PTPRN2	chr7	Body	0.89	(0.65; 1.22)	4.5E-01
cg16072969	DDHD2	chr8	TSS1500	1.12	(0.83; 1.51)	4.5E-01
cg26912910	ZBTB20	chr3	Body	1.12	(0.83; 1.53)	4.5E-01
cg26912910	ZBTB20	chr3	5'UTR	1.12	(0.83; 1.53)	4.5E-01
cg22112443	MEIS2	chr15	TSS1500	0.87	(0.61; 1.24)	4.5E-01
cg26843035	WAC	chr10	TSS200	0.89	(0.65; 1.21)	4.5E-01
cg26843035	WAC	chr10	TSS1500	0.89	(0.65; 1.21)	4.5E-01
cg14847818	ZBTB20	chr3	5'UTR	1.13	(0.82; 1.58)	4.5E-01
cg00028135	ZBTB20	chr3	TSS1500	0.87	(0.61; 1.25)	4.5E-01
cg00028135	ZBTB20	chr3	5'UTR	0.87	(0.61; 1.25)	4.5E-01
cg00594252	TNRC18	chr7	Body	1.16	(0.78; 1.74)	4.5E-01
cg16919827	AKAP13	chr15	Body	1.16	(0.79; 1.7)	4.5E-01
cg25667844	WWOX	chr16	Body	0.89	(0.65; 1.21)	4.5E-01
cg07111829	RTN4RL2	chr11	TSS1500	0.83	(0.51; 1.35)	4.5E-01
cg00317577	CPEB1	chr15	Body	1.17	(0.78; 1.74)	4.5E-01
cg19627964	NRXN1	chr2	Body	0.88	(0.62; 1.24)	4.5E-01
cg24197303	PTPRN2	chr7	Body	0.87	(0.61; 1.25)	4.5E-01
cg24247592	AKAP13	chr15	Body	0.87	(0.61; 1.24)	4.5E-01
cg07734471	PTPRN2	chr7	Body	0.9	(0.67; 1.19)	4.5E-01
cg21823080	CNTNAP2	chr7	Body	1.12	(0.84; 1.49)	4.5E-01
cg24685239	ALCAM	chr3	Body	1.18	(0.76; 1.84)	4.6E-01
cg10872126	CTNND2	chr5	Body	0.88	(0.63; 1.23)	4.6E-01
cg20153748	MTCL1	chr18	Body	1.28	(0.67; 2.48)	4.6E-01
cg05389266	PTPRN2	chr7	Body	1.11	(0.84; 1.48)	4.6E-01
cg00650953	CNTNAP2	chr7	Body	0.87	(0.62; 1.24)	4.6E-01
cg12027254	TNRC6C	chr17	Body	1.16	(0.78; 1.72)	4.6E-01
cg02424630	TAOK3	chr12	5'UTR	1.13	(0.82; 1.58)	4.6E-01
cg02424630	TAOK3	chr12	1stExon	1.13	(0.82; 1.58)	4.6E-01
cg10083178	ACVR2A	chr2	TSS1500	0.89	(0.64; 1.22)	4.6E-01
cg14582691	PTPRN2	chr7	Body	1.14	(0.81; 1.59)	4.6E-01
cg27185838	SMARCD3	chr7	5'UTR	1.13	(0.82; 1.55)	4.6E-01
cg06505529	CTDSPL	chr3	Body	1.28	(0.67; 2.43)	4.6E-01
cg07366670	CUX2	chr12	Body	1.19	(0.75; 1.89)	4.6E-01
cg01427460	DACH1	chr13	Body	1.19	(0.75; 1.9)	4.6E-01

cg22158547	<i>SUSD4</i>	chr1	Body	1.14	(0.81; 1.6)	4.6E-01
cg10024240	<i>ZNF704</i>	chr8	Body	0.88	(0.62; 1.24)	4.6E-01
cg02980765	<i>ATF7</i>	chr12	Body	1.3	(0.65; 2.58)	4.6E-01
cg00493238	<i>DCUN1D4</i>	chr4	Body	0.86	(0.57; 1.29)	4.6E-01
cg09024808	<i>TNRC6A</i>	chr16	Body	1.14	(0.81; 1.61)	4.6E-01
cg25816115	<i>CSMD2</i>	chr1	Body	1.16	(0.79; 1.7)	4.6E-01
cg17486458	<i>PTPRN2</i>	chr7	Body	1.14	(0.8; 1.62)	4.6E-01
cg20108695	<i>CUX2</i>	chr12	Body	0.87	(0.61; 1.25)	4.6E-01
cg23639257	<i>RECQL5</i>	chr17	TSS200	0.87	(0.61; 1.25)	4.6E-01
cg00946316	<i>PTPRN2</i>	chr7	Body	0.88	(0.64; 1.22)	4.6E-01
cg26227005	<i>ELAVL4</i>	chr1	TSS200	0.79	(0.43; 1.47)	4.6E-01
cg26227005	<i>ELAVL4</i>	chr1	Body	0.79	(0.43; 1.47)	4.6E-01
cg00384653	<i>RTN4R</i>	chr22	Body	1.14	(0.81; 1.61)	4.6E-01
cg15836414	<i>NRXN1</i>	chr2	Body	0.87	(0.6; 1.26)	4.6E-01
cg05255531	<i>ELAVL4</i>	chr1	ExonBnd	1.13	(0.81; 1.58)	4.6E-01
cg05255531	<i>ELAVL4</i>	chr1	Body	1.13	(0.81; 1.58)	4.6E-01
cg23364632	<i>PHACTR1</i>	chr6	Body	0.88	(0.62; 1.24)	4.6E-01
cg09391993	<i>CTDSP2</i>	chr12	ExonBnd	0.89	(0.65; 1.21)	4.6E-01
cg09391993	<i>CTDSP2</i>	chr12	Body	0.89	(0.65; 1.21)	4.6E-01
cg13182233	<i>ALCAM</i>	chr3	Body	1.12	(0.84; 1.49)	4.6E-01
cg26388970	<i>WWOX</i>	chr16	Body	1.18	(0.76; 1.82)	4.6E-01
cg20388206	<i>NOL4</i>	chr18	Body	1.13	(0.81; 1.58)	4.6E-01
cg20388206	<i>NOL4</i>	chr18	TSS200	1.13	(0.81; 1.58)	4.6E-01
cg18008037	<i>PTPRN2</i>	chr7	Body	0.89	(0.65; 1.22)	4.6E-01
cg18778733	<i>ERI3</i>	chr1	Body	1.11	(0.84; 1.47)	4.6E-01
cg18778733	<i>ERI3</i>	chr1	5'UTR	1.11	(0.84; 1.47)	4.6E-01
cg04087039	<i>PTPRN2</i>	chr7	Body	1.13	(0.82; 1.56)	4.6E-01
cg16536341	<i>CPEB1</i>	chr15	Body	1.17	(0.78; 1.75)	4.6E-01
cg16536341	<i>CPEB1</i>	chr15	TSS200	1.17	(0.78; 1.75)	4.6E-01
cg16536341	<i>CPEB1</i>	chr15	5'UTR	1.17	(0.78; 1.75)	4.6E-01
cg19550533	<i>RTN4RL1</i>	chr17	Body	1.16	(0.78; 1.72)	4.6E-01
cg09466887	<i>MEIS2</i>	chr15	Body	0.86	(0.59; 1.27)	4.6E-01
cg08880833	<i>ATP6V0C</i>	chr16	TSS1500	0.9	(0.67; 1.2)	4.6E-01
cg08880833	<i>ATP6V0C</i>	chr16	TSS200	0.9	(0.67; 1.2)	4.6E-01
cg23858094	<i>NOL4</i>	chr18	5'UTR	1.14	(0.8; 1.63)	4.6E-01
cg23858094	<i>NOL4</i>	chr18	Body	1.14	(0.8; 1.63)	4.6E-01
cg21589431	<i>PDE8A</i>	chr15	Body	1.21	(0.73; 2)	4.6E-01
cg19818512	<i>WAC</i>	chr10	Body	0.88	(0.63; 1.24)	4.6E-01
cg03455225	<i>UBE2E2</i>	chr3	Body	0.88	(0.63; 1.24)	4.6E-01
cg12902896	<i>CTDSPL</i>	chr3	Body	0.87	(0.59; 1.27)	4.6E-01
cg09162158	<i>SMARCD3</i>	chr7	TSS200	1.11	(0.84; 1.48)	4.6E-01
cg09162158	<i>SMARCD3</i>	chr7	Body	1.11	(0.84; 1.48)	4.6E-01
cg10430883	<i>WWOX</i>	chr16	Body	1.15	(0.79; 1.67)	4.6E-01
cg06345574	<i>PTPRN2</i>	chr7	Body	1.23	(0.71; 2.11)	4.6E-01
cg00267078	<i>PTPRN2</i>	chr7	Body	0.88	(0.64; 1.23)	4.6E-01
cg22163752	<i>TNRC6B</i>	chr22	5'UTR	0.87	(0.6; 1.26)	4.6E-01
cg19589728	<i>PTPRN2</i>	chr7	Body	0.88	(0.64; 1.23)	4.6E-01
cg00214171	<i>LOC100130933</i>	chr17	5'UTR	1.18	(0.76; 1.82)	4.6E-01
cg00214171	<i>RECQL5</i>	chr17	Body	1.18	(0.76; 1.82)	4.6E-01
cg26931601	<i>SGIP1</i>	chr1	Body	0.75	(0.35; 1.61)	4.6E-01
cg06813122	<i>CACNA1C</i>	chr12	Body	1.12	(0.83; 1.52)	4.6E-01
cg01973778	<i>CDH13</i>	chr16	Body	0.88	(0.62; 1.24)	4.6E-01
cg12439789	<i>WAC</i>	chr10	TSS1500	0.88	(0.61; 1.25)	4.6E-01
cg24558425	<i>CSMD2</i>	chr1	TSS200	0.88	(0.61; 1.25)	4.6E-01
cg27052402	<i>DDHD2</i>	chr8	TSS1500	1.12	(0.83; 1.51)	4.6E-01
cg27052402	<i>DDHD2</i>	chr8	TSS200	1.12	(0.83; 1.51)	4.6E-01
cg21329416	<i>ARID1A</i>	chr1	Body	1.15	(0.79; 1.66)	4.6E-01
cg13696531	<i>PTPRN2</i>	chr7	Body	1.13	(0.81; 1.58)	4.6E-01
cg19854301	<i>CDH13</i>	chr16	Body	1.14	(0.81; 1.6)	4.6E-01
cg21413557	<i>RTN4R</i>	chr22	TSS200	1.15	(0.79; 1.69)	4.6E-01
cg17387069	<i>PTPRN2</i>	chr7	Body	0.89	(0.64; 1.22)	4.6E-01

cg11797904	<i>CTNND2</i>	chr5	Body	0.88	(0.62; 1.25)	4.6E-01
cg11797904	<i>CTNND2</i>	chr5	5'UTR	0.88	(0.62; 1.25)	4.6E-01
cg00795125	<i>TNRC18</i>	chr7	Body	0.88	(0.63; 1.23)	4.6E-01
cg00572487	<i>TNFRSF12A</i>	chr16	TSS1500	0.85	(0.54; 1.32)	4.6E-01
cg17550268	<i>ALCAM</i>	chr3	TSS200	0.89	(0.66; 1.21)	4.6E-01
cg03362667	<i>AKAP13</i>	chr15	5'UTR	0.88	(0.63; 1.24)	4.6E-01
cg08377331	<i>GNA12</i>	chr7	Body	0.88	(0.63; 1.24)	4.6E-01
cg23113069	<i>ARID1A</i>	chr1	Body	0.88	(0.62; 1.24)	4.6E-01
cg06150821	<i>GNA12</i>	chr7	Body	1.12	(0.82; 1.54)	4.6E-01
cg06150821	<i>GNA12</i>	chr7	TSS200	1.12	(0.82; 1.54)	4.6E-01
cg21178202	<i>AKAP13</i>	chr15	5'UTR	1.14	(0.8; 1.64)	4.6E-01
cg23676269	<i>TNRC18</i>	chr7	Body	1.13	(0.82; 1.55)	4.6E-01
cg03660606	<i>PTPRN2</i>	chr7	Body	0.87	(0.61; 1.25)	4.6E-01
cg03511031	<i>PTPRN2</i>	chr7	Body	0.89	(0.65; 1.22)	4.6E-01
cg07167098	<i>RECQL</i>	chr12	TSS200	0.89	(0.64; 1.22)	4.6E-01
cg07167098	<i>GOLT1B</i>	chr12	TSS200	0.89	(0.64; 1.22)	4.6E-01
cg00056280	<i>GNA12</i>	chr7	Body	0.9	(0.68; 1.19)	4.7E-01
cg00056280	<i>GNA12</i>	chr7	TSS200	0.9	(0.68; 1.19)	4.7E-01
cg09415485	<i>CDH13</i>	chr16	Body	1.12	(0.82; 1.53)	4.7E-01
cg08506924	<i>CREBBP</i>	chr16	TSS1500	1.18	(0.76; 1.85)	4.7E-01
cg04422991	<i>FBXO33</i>	chr14	Body	1.14	(0.81; 1.6)	4.7E-01
cg06313349	<i>PTPRN2</i>	chr7	Body	0.89	(0.65; 1.22)	4.7E-01
cg04311994	<i>PTPRS</i>	chr19	Body	1.16	(0.78; 1.72)	4.7E-01
cg04891803	<i>ARID1A</i>	chr1	Body	0.88	(0.61; 1.25)	4.7E-01
cg01558746	<i>TNRC18</i>	chr7	Body	1.14	(0.81; 1.6)	4.7E-01
cg25928850	<i>CSMD2</i>	chr1	Body	0.88	(0.64; 1.23)	4.7E-01
cg24503966	<i>NOL4</i>	chr18	TSS1500	0.82	(0.48; 1.4)	4.7E-01
cg24503966	<i>NOL4</i>	chr18	TSS200	0.82	(0.48; 1.4)	4.7E-01
cg10528826	<i>PTPRN2</i>	chr7	Body	0.91	(0.71; 1.17)	4.7E-01
cg23053240	<i>MTCL1</i>	chr18	3'UTR	0.89	(0.66; 1.21)	4.7E-01
cg24610790	<i>GNA12</i>	chr7	Body	0.87	(0.6; 1.26)	4.7E-01
cg06562578	<i>MBD5</i>	chr2	TSS200	0.89	(0.66; 1.21)	4.7E-01
cg06562578	<i>ORC4</i>	chr2	TSS200	0.89	(0.66; 1.21)	4.7E-01
cg06562578	<i>ORC4</i>	chr2	5'UTR	0.89	(0.66; 1.21)	4.7E-01
cg03784302	<i>PTPRN2</i>	chr7	Body	1.14	(0.8; 1.64)	4.7E-01
cg16520955	<i>AKAP13</i>	chr15	TSS1500	0.87	(0.61; 1.26)	4.7E-01
cg21571594	<i>TNRC6C</i>	chr17	TSS1500	0.89	(0.65; 1.22)	4.7E-01
cg16688681	<i>GNA12</i>	chr7	Body	0.89	(0.66; 1.21)	4.7E-01
cg05983758	<i>PDE8A</i>	chr15	Body	0.89	(0.65; 1.22)	4.7E-01
cg20888184	<i>PTPRN2</i>	chr7	Body	0.88	(0.63; 1.24)	4.7E-01
cg16051561	<i>CTNND2</i>	chr5	Body	0.88	(0.62; 1.25)	4.7E-01
cg16000683	<i>CSMD2</i>	chr1	Body	1.19	(0.74; 1.93)	4.7E-01
cg03938187	<i>FBXO11</i>	chr2	Body	0.89	(0.66; 1.21)	4.7E-01
cg03417681	<i>RTN4RL1</i>	chr17	Body	1.21	(0.73; 2.01)	4.7E-01
cg10454937	<i>BARX1</i>	chr9	Body	1.12	(0.82; 1.54)	4.7E-01
cg20422160	<i>PHACTR1</i>	chr6	Body	1.28	(0.66; 2.47)	4.7E-01
cg19450817	<i>TENM2</i>	chr5	Body	0.85	(0.55; 1.31)	4.7E-01
cg03119442	<i>WWOX</i>	chr16	Body	0.89	(0.65; 1.22)	4.7E-01
cg07132650	<i>CDH13</i>	chr16	Body	1.15	(0.79; 1.68)	4.7E-01
cg16784781	<i>TNR</i>	chr1	5'UTR	0.89	(0.66; 1.21)	4.7E-01
cg15736062	<i>PTPRN2</i>	chr7	Body	1.13	(0.81; 1.58)	4.7E-01
cg01750200	<i>CDH13</i>	chr16	Body	1.14	(0.8; 1.64)	4.7E-01
cg01072588	<i>ERI3</i>	chr1	Body	0.88	(0.63; 1.23)	4.7E-01
cg27579805	<i>TNRC6C</i>	chr17	3'UTR	1.16	(0.77; 1.74)	4.7E-01
cg12282391	<i>CACNA1C</i>	chr12	5'UTR	1.13	(0.81; 1.57)	4.7E-01
cg12282391	<i>CACNA1C</i>	chr12	1stExon	1.13	(0.81; 1.57)	4.7E-01
cg19542445	<i>CACNA1C</i>	chr12	Body	0.86	(0.57; 1.3)	4.7E-01
cg09427131	<i>AKAP13</i>	chr15	Body	0.89	(0.65; 1.22)	4.7E-01
cg09427131	<i>AKAP13</i>	chr15	TSS1500	0.89	(0.65; 1.22)	4.7E-01
cg16670736	<i>PTPRN2</i>	chr7	Body	1.13	(0.81; 1.57)	4.7E-01
cg20181323	<i>PTPRN2</i>	chr7	Body	1.13	(0.82; 1.56)	4.7E-01

cg23383111	DMXL2	chr15	Body	0.89	(0.64; 1.23)	4.7E-01
cg17157422	CACNA1C	chr12	Body	0.89	(0.64; 1.23)	4.7E-01
cg14189678	PTPRN2	chr7	Body	0.89	(0.64; 1.23)	4.7E-01
cg15705714	CSMD2	chr1	Body	0.89	(0.64; 1.23)	4.7E-01
cg15286032	PTPRN2	chr7	Body	1.12	(0.82; 1.52)	4.7E-01
cg20789821	CNTNAP2	chr7	Body	0.86	(0.58; 1.28)	4.7E-01
cg02216795	PHACTR1	chr6	Body	0.87	(0.6; 1.27)	4.7E-01
cg04826831	FBXO31	chr16	Body	1.12	(0.82; 1.54)	4.7E-01
cg08352905	CSMD2	chr1	Body	1.13	(0.81; 1.6)	4.7E-01
cg16126393	MEX3A	chr1	Body	1.15	(0.78; 1.7)	4.7E-01
cg13165174	FBXO38	chr5	Body	0.88	(0.61; 1.26)	4.7E-01
cg03461725	PDE8A	chr15	TSS200	1.12	(0.82; 1.52)	4.7E-01
cg13451048	ERI3	chr1	Body	0.85	(0.55; 1.32)	4.7E-01
cg00644629	PTPRU	chr1	Body	1.13	(0.81; 1.59)	4.7E-01
cg04290826	PTPRN2	chr7	Body	0.89	(0.64; 1.23)	4.7E-01
cg09933021	FBXO11	chr2	Body	0.86	(0.56; 1.31)	4.7E-01
cg01911127	CACNA1C	chr12	Body	0.84	(0.52; 1.36)	4.7E-01
cg15654121	CSMD2	chr1	Body	1.14	(0.8; 1.62)	4.7E-01
cg21177426	MEIS2	chr15	Body	0.85	(0.55; 1.32)	4.7E-01
cg10845249	SLC16A9	chr10	TSS1500	0.87	(0.59; 1.28)	4.7E-01
cg16441262	AKAP13	chr15	Body	1.2	(0.73; 1.96)	4.7E-01
cg05733361	PDE8A	chr15	TSS1500	1.17	(0.76; 1.81)	4.7E-01
cg01207666	COL1A2	chr7	Body	1.18	(0.75; 1.84)	4.7E-01
cg03362700	DCUN1D4	chr4	TSS200	0.87	(0.59; 1.27)	4.7E-01
cg03362700	DCUN1D4	chr4	TSS1500	0.87	(0.59; 1.27)	4.7E-01
cg05514713	PHACTR1	chr6	Body	1.18	(0.75; 1.88)	4.7E-01
cg13020533	ATF7	chr12	Body	1.13	(0.81; 1.56)	4.7E-01
cg26293776	NOL4L	chr20	Body	1.15	(0.79; 1.67)	4.7E-01
cg02290262	TNFRSF1B	chr1	Body	0.87	(0.59; 1.27)	4.7E-01
cg09598596	PTPRN2	chr7	Body	0.89	(0.64; 1.23)	4.7E-01
cg00200563	FBXO38	chr5	5'UTR	1.14	(0.8; 1.62)	4.7E-01
cg03653377	PTPRN2	chr7	Body	0.86	(0.58; 1.29)	4.7E-01
cg06912420	ATF7IP	chr12	Body	1.14	(0.8; 1.63)	4.7E-01
cg18219432	PTPRN2	chr7	Body	0.89	(0.65; 1.22)	4.7E-01
cg18328837	TSHZ3	chr19	Body	1.13	(0.81; 1.59)	4.7E-01
cg09109133	CDH13	chr16	Body	1.16	(0.77; 1.74)	4.7E-01
cg13442567	PTPRN2	chr7	Body	1.12	(0.82; 1.54)	4.7E-01
cg03320208	TENM2	chr5	Body	0.83	(0.5; 1.37)	4.7E-01
cg11237495	CTDSPL	chr3	Body	0.89	(0.64; 1.23)	4.7E-01
cg21272363	CNTNAP2	chr7	Body	1.13	(0.81; 1.58)	4.7E-01
cg07152024	RNU5E-1	chr5	Body	1.14	(0.8; 1.62)	4.7E-01
cg19577395	PTPRS	chr19	5'UTR	1.13	(0.81; 1.57)	4.7E-01
cg16198723	CCDC80	chr3	5'UTR	0.86	(0.57; 1.3)	4.7E-01
cg16198723	CCDC80	chr3	1stExon	0.86	(0.57; 1.3)	4.7E-01
cg12205822	CACNA1C	chr12	Body	0.92	(0.74; 1.15)	4.7E-01
cg14918744	TNFRSF10D	chr8	Body	0.76	(0.36; 1.62)	4.7E-01
cg22954438	UBE2E2	chr3	Body	0.9	(0.66; 1.21)	4.7E-01
cg20284283	WWOX	chr16	Body	0.88	(0.61; 1.26)	4.7E-01
cg03211189	RECQL5	chr17	Body	0.87	(0.6; 1.27)	4.7E-01
cg18843803	TSHZ3	chr19	Body	1.13	(0.81; 1.56)	4.7E-01
cg12099677	ZBTB20	chr3	Body	1.13	(0.81; 1.56)	4.7E-01
cg12099677	ZBTB20	chr3	5'UTR	1.13	(0.81; 1.56)	4.7E-01
cg01801491	NRXN1	chr2	Body	1.15	(0.78; 1.71)	4.7E-01
cg12386061	CTDSPL	chr3	Body	0.88	(0.63; 1.24)	4.7E-01
cg12815354	CSMD2	chr1	Body	1.15	(0.78; 1.71)	4.8E-01
cg04404543	ATF7	chr12	5'UTR	1.12	(0.82; 1.54)	4.8E-01
cg01329577	PTPRN2	chr7	Body	1.16	(0.78; 1.72)	4.8E-01
cg15391057	CTDSPL	chr3	ExonBnd	0.77	(0.38; 1.57)	4.8E-01
cg15391057	CTDSPL	chr3	Body	0.77	(0.38; 1.57)	4.8E-01
cg07132515	TNFRSF10B	chr8	Body	1.26	(0.66; 2.41)	4.8E-01
cg00516639	SMARCD3	chr7	Body	0.87	(0.59; 1.28)	4.8E-01

cg06591777	<i>ATF7IP2</i>	chr16	Body	0.87	(0.6; 1.27)	4.8E-01
cg23542533	<i>CHCHD6</i>	chr3	Body	1.15	(0.79; 1.67)	4.8E-01
cg01224451	<i>PTPRN2</i>	chr7	Body	1.11	(0.83; 1.49)	4.8E-01
cg05818532	<i>TNRC18</i>	chr7	Body	0.89	(0.64; 1.23)	4.8E-01
cg17857260	<i>AKAP13</i>	chr15	5'UTR	0.81	(0.46; 1.43)	4.8E-01
cg07631341	<i>PDE8A</i>	chr15	5'UTR	0.89	(0.66; 1.22)	4.8E-01
cg07631341	<i>PDE8A</i>	chr15	TSS1500	0.89	(0.66; 1.22)	4.8E-01
cg05649922	<i>ARID1A</i>	chr1	Body	1.19	(0.74; 1.92)	4.8E-01
cg00506482	<i>CACNA1C</i>	chr12	Body	1.13	(0.8; 1.6)	4.8E-01
cg02123936	<i>WAC</i>	chr10	TSS1500	1.13	(0.8; 1.6)	4.8E-01
cg02123936	<i>WAC</i>	chr10	Body	1.13	(0.8; 1.6)	4.8E-01
cg02054457	<i>TNR</i>	chr1	5'UTR	1.11	(0.83; 1.49)	4.8E-01
cg25683489	<i>TNFRSF19</i>	chr13	Body	0.89	(0.64; 1.24)	4.8E-01
cg03906697	<i>TNRC18</i>	chr7	Body	1.12	(0.82; 1.54)	4.8E-01
cg07185854	<i>CDH11</i>	chr16	5'UTR	0.9	(0.68; 1.2)	4.8E-01
cg14517056	<i>TNRC18</i>	chr7	Body	0.89	(0.66; 1.22)	4.8E-01
cg17141500	<i>C11orf67</i>	chr11	TSS200	1.12	(0.82; 1.54)	4.8E-01
cg25764217	<i>GNA12</i>	chr7	Body	1.13	(0.81; 1.58)	4.8E-01
cg13422119	<i>PDE8A</i>	chr15	Body	0.89	(0.64; 1.23)	4.8E-01
cg01839603	<i>GNA12</i>	chr7	Body	1.13	(0.8; 1.6)	4.8E-01
cg04868376	<i>CDH11</i>	chr16	Body	1.13	(0.81; 1.57)	4.8E-01
cg17522324	<i>MTCL1</i>	chr18	Body	1.14	(0.79; 1.64)	4.8E-01
cg05066391	<i>AKAP13</i>	chr15	5'UTR	0.87	(0.59; 1.28)	4.8E-01
cg10620881	<i>PTPRN2</i>	chr7	Body	1.16	(0.76; 1.78)	4.8E-01
cg27141514	<i>RECQL</i>	chr12	1stExon	1.12	(0.82; 1.55)	4.8E-01
cg27141514	<i>GOLT1B</i>	chr12	TSS200	1.12	(0.82; 1.55)	4.8E-01
cg27141514	<i>RECQL</i>	chr12	5'UTR	1.12	(0.82; 1.55)	4.8E-01
cg21979250	<i>RECQL5</i>	chr17	Body	0.73	(0.31; 1.73)	4.8E-01
cg09041207	<i>FBXO31</i>	chr16	Body	1.13	(0.81; 1.57)	4.8E-01
cg09041207	<i>FBXO31</i>	chr16	TSS1500	1.13	(0.81; 1.57)	4.8E-01
cg27104173	<i>PTPRN2</i>	chr7	Body	1.12	(0.81; 1.56)	4.8E-01
cg22991232	<i>PTPRN2</i>	chr7	Body	1.11	(0.83; 1.49)	4.8E-01
cg25390412	<i>PTPRN2</i>	chr7	Body	0.88	(0.62; 1.25)	4.8E-01
cg26029345	<i>TNFRSF10C</i>	chr8	Body	0.9	(0.66; 1.22)	4.8E-01
cg13656077	<i>POU2F1</i>	chr1	Body	1.2	(0.72; 2.02)	4.8E-01
cg03690824	<i>TENM2</i>	chr5	Body	1.11	(0.83; 1.5)	4.8E-01
cg26533892	<i>LOC101929698</i>	chr20	Body	1.24	(0.68; 2.28)	4.8E-01
cg26533892	<i>NOL4L</i>	chr20	Body	1.24	(0.68; 2.28)	4.8E-01
cg23972793	<i>TNRC6C</i>	chr17	5'UTR	1.12	(0.82; 1.52)	4.8E-01
cg19679210	<i>TNRC18</i>	chr7	Body	0.87	(0.59; 1.28)	4.8E-01
cg17944326	<i>PTPRN2</i>	chr7	Body	0.88	(0.63; 1.24)	4.8E-01
cg07874127	<i>WWOX</i>	chr16	3'UTR	1.16	(0.77; 1.73)	4.8E-01
cg10258721	<i>COL1A2</i>	chr7	TSS1500	1.11	(0.83; 1.47)	4.8E-01
cg23123702	<i>TNFRSF1A</i>	chr12	Body	0.89	(0.64; 1.24)	4.8E-01
cg21611965	<i>CACNA1C</i>	chr12	Body	1.13	(0.8; 1.6)	4.8E-01
cg03626208	<i>CACNA1C</i>	chr12	Body	0.69	(0.24; 1.96)	4.8E-01
cg26794883	<i>CACNA1C</i>	chr12	Body	0.87	(0.59; 1.28)	4.8E-01
cg08664323	<i>PTPRS</i>	chr19	5'UTR	0.89	(0.63; 1.24)	4.8E-01
cg09423037	<i>TENM2</i>	chr5	Body	0.87	(0.59; 1.29)	4.8E-01
cg10473311	<i>PTPRN2</i>	chr7	Body	0.9	(0.68; 1.2)	4.8E-01
cg16337628	<i>PEX14</i>	chr1	Body	1.15	(0.79; 1.67)	4.8E-01
cg19803194	<i>PTPRN2</i>	chr7	Body	0.89	(0.63; 1.24)	4.8E-01
cg21341592	<i>TNFRSF1A</i>	chr12	Body	1.16	(0.77; 1.73)	4.8E-01
cg13135255	<i>CREBBP</i>	chr16	Body	0.88	(0.61; 1.26)	4.8E-01
cg26160008	<i>TNFRSF1A</i>	chr12	5'UTR	1.15	(0.78; 1.7)	4.8E-01
cg26160008	<i>TNFRSF1A</i>	chr12	1stExon	1.15	(0.78; 1.7)	4.8E-01
cg15935227	<i>PTPRN2</i>	chr7	Body	1.11	(0.84; 1.46)	4.8E-01
cg17420983	<i>CUX2</i>	chr12	TSS1500	1.12	(0.81; 1.55)	4.8E-01
cg09631415	<i>CDH11</i>	chr16	5'UTR	0.84	(0.52; 1.36)	4.8E-01
cg21488876	<i>PTPRS</i>	chr19	Body	1.15	(0.78; 1.71)	4.8E-01
cg25975382	<i>PTPRN2</i>	chr7	Body	1.12	(0.81; 1.56)	4.8E-01

cg23708361	CNTNAP2	chr7	TSS200	1.21	(0.7; 2.09)	4.8E-01
cg10065825	CDH11	chr16	TSS1500	1.2	(0.73; 1.97)	4.8E-01
cg22147968	CUX2	chr12	Body	0.9	(0.66; 1.22)	4.8E-01
cg17805089	PTPRN2	chr7	Body	0.88	(0.62; 1.25)	4.8E-01
cg00339232	ERI3	chr1	Body	1.13	(0.8; 1.6)	4.8E-01
cg00339232	ERI3	chr1	5'UTR	1.13	(0.8; 1.6)	4.8E-01
cg13333401	ALCAM	chr3	Body	0.88	(0.63; 1.25)	4.8E-01
cg01623503	AKAP13	chr15	Body	1.11	(0.83; 1.5)	4.8E-01
cg24176288	CACNA1C	chr12	Body	0.87	(0.59; 1.28)	4.8E-01
cg05647867	PTPRN2	chr7	Body	0.89	(0.63; 1.24)	4.8E-01
cg10209886	BRUNOL4	chr18	3'UTR	0.86	(0.56; 1.32)	4.8E-01
cg06722357	AKAP13	chr15	Body	0.87	(0.58; 1.29)	4.8E-01
cg00336267	TENM2	chr5	Body	1.13	(0.8; 1.58)	4.8E-01
cg07892051	AKAP3	chr12	5'UTR	0.88	(0.61; 1.26)	4.8E-01
cg16085649	AKAP13	chr15	Body	1.13	(0.8; 1.61)	4.8E-01
cg02951552	MEX3A	chr1	1stExon	1.2	(0.72; 1.99)	4.8E-01
cg14071202	ZNF704	chr8	Body	0.86	(0.57; 1.3)	4.8E-01
cg26340657	TNRC6C	chr17	5'UTR	1.14	(0.78; 1.67)	4.9E-01
cg01311064	DACH1	chr13	5'UTR	0.89	(0.64; 1.24)	4.9E-01
cg01311064	DACH1	chr13	1stExon	0.89	(0.64; 1.24)	4.9E-01
cg13353646	GNA12	chr7	Body	0.88	(0.62; 1.25)	4.9E-01
cg13353646	GNA12	chr7	TSS1500	0.88	(0.62; 1.25)	4.9E-01
cg19683021	CACNA1C	chr12	Body	0.83	(0.49; 1.4)	4.9E-01
cg10836779	RNU5E-1	chr5	Body	1.17	(0.75; 1.82)	4.9E-01
cg03474070	CDH13	chr16	Body	1.14	(0.79; 1.65)	4.9E-01
cg01474866	CEP350	chr1	Body	0.88	(0.62; 1.26)	4.9E-01
cg11998002	TAOK3	chr12	5'UTR	0.73	(0.3; 1.76)	4.9E-01
cg12749890	ATP8A1	chr4	Body	1.13	(0.8; 1.6)	4.9E-01
cg16518765	CACNA1C	chr12	Body	1.14	(0.78; 1.67)	4.9E-01
cg24033471	CACNA1C	chr12	Body	1.28	(0.64; 2.53)	4.9E-01
cg20297825	CTNND2	chr5	Body	1.17	(0.75; 1.83)	4.9E-01
cg06262098	TNRC18	chr7	Body	0.87	(0.6; 1.27)	4.9E-01
cg13184823	MTNR1A	chr4	TSS200	0.85	(0.53; 1.35)	4.9E-01
cg15722484	CACNA1C	chr12	Body	1.15	(0.77; 1.72)	4.9E-01
cg12218546	CACNA1C	chr12	Body	0.89	(0.65; 1.23)	4.9E-01
cg07337611	TNR	chr1	5'UTR	1.11	(0.82; 1.5)	4.9E-01
cg04578258	CNTNAP2	chr7	Body	1.14	(0.79; 1.62)	4.9E-01
cg09436713	CACNA1C	chr12	Body	0.87	(0.58; 1.3)	4.9E-01
cg03911395	FBXO34	chr14	TSS1500	1.13	(0.81; 1.57)	4.9E-01
cg24601208	CSMD2	chr1	Body	1.13	(0.8; 1.58)	4.9E-01
cg18466320	PTPRN2	chr7	Body	1.15	(0.77; 1.72)	4.9E-01
cg05599723	TNFRSF1B	chr1	Body	1.41	(0.54; 3.71)	4.9E-01
cg07927098	PTPRN2	chr7	Body	1.13	(0.8; 1.61)	4.9E-01
cg05766510	PTPRN2	chr7	Body	0.89	(0.64; 1.24)	4.9E-01
cg07969095	ACVR2A	chr2	Body	1.16	(0.77; 1.74)	4.9E-01
cg17086205	PTPRN2	chr7	Body	0.88	(0.62; 1.26)	4.9E-01
cg09646181	TNRC6C	chr17	Body	0.89	(0.65; 1.23)	4.9E-01
cg08450080	PTPRN2	chr7	Body	0.89	(0.64; 1.23)	4.9E-01
cg05080203	NRXN1	chr2	Body	0.89	(0.63; 1.25)	4.9E-01
cg10364137	CDH13	chr16	5'UTR	0.89	(0.63; 1.25)	4.9E-01
cg10364137	CDH13	chr16	Body	0.89	(0.63; 1.25)	4.9E-01
cg27254392	RECQL5	chr17	TSS200	0.88	(0.62; 1.25)	4.9E-01
cg06384134	PTPRN2	chr7	Body	0.88	(0.61; 1.27)	4.9E-01
cg17227156	BRUNOL4	chr18	TSS200	1.15	(0.77; 1.73)	4.9E-01
cg06716922	CREBBP	chr16	Body	1.14	(0.78; 1.67)	4.9E-01
cg02140020	CACNA1C	chr12	Body	0.88	(0.62; 1.26)	4.9E-01
cg24635682	PTPRU	chr1	Body	0.87	(0.59; 1.29)	4.9E-01
cg21626820	TNFRSF10C	chr8	TSS1500	0.89	(0.65; 1.23)	4.9E-01
cg18806606	CACNA1C	chr12	Body	1.14	(0.79; 1.64)	4.9E-01
cg13237096	FBXO32	chr8	TSS1500	1.13	(0.8; 1.58)	4.9E-01
cg13237096	FBXO32	chr8	Body	1.13	(0.8; 1.58)	4.9E-01

cg16916578	<i>PTPRN2</i>	chr7	Body	0.9	(0.66; 1.22)	4.9E-01
cg01317470	<i>FBXO11</i>	chr2	Body	0.89	(0.65; 1.23)	4.9E-01
cg13470673	<i>ZBTB20</i>	chr3	TSS1500	0.91	(0.69; 1.19)	4.9E-01
cg13470673	<i>ZBTB20</i>	chr3	5'UTR	0.91	(0.69; 1.19)	4.9E-01
cg06638113	<i>CNTNAP2</i>	chr7	Body	1.13	(0.8; 1.59)	4.9E-01
cg06315569	<i>PTPRN2</i>	chr7	Body	0.89	(0.63; 1.24)	4.9E-01
cg15701795	<i>TENM2</i>	chr5	Body	1.15	(0.77; 1.71)	4.9E-01
cg19209689	<i>BRUNOL4</i>	chr18	Body	0.89	(0.64; 1.24)	4.9E-01
cg12914511	<i>PTPRN2</i>	chr7	Body	1.13	(0.8; 1.61)	4.9E-01
cg25113157	<i>CUX2</i>	chr12	Body	1.16	(0.76; 1.78)	4.9E-01
cg16048517	<i>CTNND2</i>	chr5	TSS1500	1.13	(0.8; 1.61)	4.9E-01
cg00350861	<i>CDH13</i>	chr16	Body	0.9	(0.65; 1.23)	4.9E-01
cg10238675	<i>CUX2</i>	chr12	Body	0.88	(0.61; 1.27)	4.9E-01
cg26643724	<i>RNU5E-1</i>	chr5	Body	1.11	(0.82; 1.5)	4.9E-01
cg20294763	<i>TAOK3</i>	chr12	Body	1.16	(0.76; 1.78)	4.9E-01
cg10148614	<i>CDH13</i>	chr16	Body	0.89	(0.63; 1.25)	4.9E-01
cg06715974	<i>RAP1B</i>	chr12	5'UTR	0.78	(0.39; 1.57)	4.9E-01
cg17299156	<i>TNRC6B</i>	chr22	Body	0.9	(0.66; 1.22)	4.9E-01
cg03884572	<i>CUX2</i>	chr12	Body	0.83	(0.49; 1.41)	4.9E-01
cg02069674	<i>CDH13</i>	chr16	TSS1500	0.9	(0.66; 1.22)	4.9E-01
cg15050577	<i>ARID1A</i>	chr1	Body	1.12	(0.82; 1.52)	4.9E-01
cg02342962	<i>TENM2</i>	chr5	Body	0.86	(0.57; 1.31)	4.9E-01
cg16915396	<i>ZNF704</i>	chr8	Body	1.17	(0.74; 1.85)	4.9E-01
cg04379563	<i>FBXO31</i>	chr16	Body	0.9	(0.66; 1.22)	4.9E-01
cg14550163	<i>CUX2</i>	chr12	Body	0.88	(0.62; 1.26)	4.9E-01
cg26551569	<i>FBXO36</i>	chr2	Body	0.88	(0.62; 1.26)	4.9E-01
cg15031003	<i>TNRC6B</i>	chr22	5'UTR	1.14	(0.79; 1.65)	4.9E-01
cg08899920	<i>PTPRN2</i>	chr7	Body	1.12	(0.81; 1.56)	4.9E-01
cg12071044	<i>PTPRN2</i>	chr7	Body	1.14	(0.79; 1.64)	4.9E-01
cg08285768	<i>AKAP13</i>	chr15	Body	1.13	(0.8; 1.6)	4.9E-01
cg25318189	<i>GNA12</i>	chr7	Body	1.23	(0.68; 2.2)	4.9E-01
cg02041594	<i>WWOX</i>	chr16	Body	0.89	(0.63; 1.24)	4.9E-01
cg00501869	<i>PTPRN2</i>	chr7	Body	0.89	(0.63; 1.25)	4.9E-01
cg07766424	<i>WWOX</i>	chr16	Body	1.13	(0.8; 1.58)	4.9E-01
cg06640607	<i>FBXO31</i>	chr16	Body	0.89	(0.62; 1.25)	4.9E-01
cg02006615	<i>PTPRN2</i>	chr7	Body	0.88	(0.62; 1.26)	4.9E-01
cg07344315	<i>RAP1B</i>	chr12	3'UTR	0.87	(0.57; 1.31)	4.9E-01
cg14410548	<i>CUX2</i>	chr12	Body	0.81	(0.43; 1.49)	4.9E-01
cg06769918	<i>PHACTR1</i>	chr6	Body	0.88	(0.62; 1.26)	4.9E-01
cg12466737	<i>BRUNOL4</i>	chr18	TSS1500	0.87	(0.6; 1.28)	4.9E-01
cg22205276	<i>TNFRSF11A</i>	chr18	3'UTR	0.9	(0.68; 1.21)	4.9E-01
cg25783932	<i>HMGB4</i>	chr1	TSS1500	1.14	(0.78; 1.66)	4.9E-01
cg25783932	<i>CSMD2</i>	chr1	Body	1.14	(0.78; 1.66)	4.9E-01
cg23105471	<i>CTDSP2</i>	chr12	TSS1500	1.12	(0.8; 1.57)	4.9E-01
cg01585418	<i>FBXO31</i>	chr16	5'UTR	1.14	(0.78; 1.69)	4.9E-01
cg23168450	<i>TNFRSF11B</i>	chr8	Body	0.88	(0.6; 1.28)	4.9E-01
cg14136612	<i>DMXL2</i>	chr15	ExonBnd	1.11	(0.82; 1.51)	4.9E-01
cg14136612	<i>DMXL2</i>	chr15	Body	1.11	(0.82; 1.51)	4.9E-01
cg15423944	<i>ALCAM</i>	chr3	Body	0.89	(0.64; 1.24)	4.9E-01
cg05749717	<i>CNTNAP2</i>	chr7	TSS200	0.89	(0.65; 1.23)	4.9E-01
cg03356492	<i>BRUNOL4</i>	chr18	Body	1.11	(0.82; 1.5)	4.9E-01
cg00828341	<i>SUGCT</i>	chr7	Body	1.11	(0.82; 1.52)	4.9E-01
cg04830658	<i>WAC</i>	chr10	Body	0.89	(0.63; 1.25)	4.9E-01
cg24273728	<i>ALCAM</i>	chr3	Body	0.87	(0.57; 1.31)	4.9E-01
cg22666828	<i>BRUNOL4</i>	chr18	Body	0.86	(0.55; 1.33)	5.0E-01
cg02566627	<i>CTDSP2</i>	chr12	Body	1.17	(0.74; 1.85)	5.0E-01
cg25080630	<i>COL5A2</i>	chr2	Body	1.13	(0.79; 1.61)	5.0E-01
cg01829623	<i>CSMD2</i>	chr1	Body	0.83	(0.49; 1.41)	5.0E-01
cg24705093	<i>CPEB1</i>	chr15	Body	0.9	(0.66; 1.22)	5.0E-01
cg24705093	<i>CPEB1</i>	chr15	5'UTR	0.9	(0.66; 1.22)	5.0E-01
cg03970229	<i>MTNR1B</i>	chr11	TSS1500	0.87	(0.59; 1.29)	5.0E-01

cg22200667	<i>FBXO36</i>	chr2	Body	1.12	(0.81; 1.56)	5.0E-01
cg13217862	<i>PTPRN2</i>	chr7	Body	1.12	(0.81; 1.55)	5.0E-01
cg18247748	<i>TNFRSF11A</i>	chr18	Body	0.87	(0.58; 1.3)	5.0E-01
cg02819835	<i>CSMD2</i>	chr1	Body	0.89	(0.63; 1.25)	5.0E-01
cg15788591	<i>WAC</i>	chr10	Body	1.12	(0.8; 1.57)	5.0E-01
cg00035220	<i>PTPRN2</i>	chr7	Body	0.9	(0.65; 1.23)	5.0E-01
cg26584734	<i>CACNA1C</i>	chr12	Body	0.87	(0.58; 1.31)	5.0E-01
cg17280671	<i>ATP8A1</i>	chr4	Body	1.12	(0.81; 1.53)	5.0E-01
cg21266943	<i>SMARCD3</i>	chr7	TSS1500	0.85	(0.54; 1.35)	5.0E-01
cg21266943	<i>SMARCD3</i>	chr7	Body	0.85	(0.54; 1.35)	5.0E-01
cg17425144	<i>PEX14</i>	chr1	Body	0.9	(0.67; 1.22)	5.0E-01
cg06740765	<i>TENM2</i>	chr5	Body	1.14	(0.78; 1.65)	5.0E-01
cg24887139	<i>CNTNAP2</i>	chr7	5'UTR	1.13	(0.79; 1.64)	5.0E-01
cg24887139	<i>CNTNAP2</i>	chr7	1stExon	1.13	(0.79; 1.64)	5.0E-01
cg02954903	<i>CCDC80</i>	chr3	5'UTR	1.15	(0.77; 1.7)	5.0E-01
cg02954903	<i>CCDC80</i>	chr3	1stExon	1.15	(0.77; 1.7)	5.0E-01
cg01878960	<i>PTPRN2</i>	chr7	Body	1.14	(0.79; 1.64)	5.0E-01
cg04177845	<i>PTPRN2</i>	chr7	Body	1.12	(0.8; 1.56)	5.0E-01
cg00264419	<i>TNFRSF10B</i>	chr8	Body	0.88	(0.61; 1.28)	5.0E-01
cg13099374	<i>POU2F1</i>	chr1	Body	1.12	(0.81; 1.56)	5.0E-01
cg22337375	<i>PTPRN2</i>	chr7	Body	0.9	(0.65; 1.23)	5.0E-01
cg25326688	<i>TENM2</i>	chr5	Body	1.17	(0.74; 1.84)	5.0E-01
cg06819775	<i>RAP1B</i>	chr12	TSS1500	1.15	(0.76; 1.75)	5.0E-01
cg23296792	<i>FBXO38</i>	chr5	Body	0.74	(0.3; 1.79)	5.0E-01
cg22557044	<i>TNFRSF19</i>	chr13	Body	0.89	(0.62; 1.26)	5.0E-01
cg24154853	<i>PTPRN2</i>	chr7	Body	0.9	(0.67; 1.22)	5.0E-01
cg12811648	<i>CHFR</i>	chr12	Body	1.11	(0.81; 1.52)	5.0E-01
cg12211161	<i>PTPRN2</i>	chr7	Body	0.89	(0.62; 1.26)	5.0E-01
cg01172766	<i>GNA12</i>	chr7	Body	0.9	(0.67; 1.22)	5.0E-01
cg03506452	<i>CHFR</i>	chr12	Body	0.87	(0.58; 1.3)	5.0E-01
cg02187889	<i>CSMD2</i>	chr1	Body	0.89	(0.63; 1.25)	5.0E-01
cg20085311	<i>PEX14</i>	chr1	TSS200	1.12	(0.81; 1.53)	5.0E-01
cg13878705	<i>PTPRN2</i>	chr7	Body	1.13	(0.8; 1.59)	5.0E-01
cg13792714	<i>ZBTB20</i>	chr3	TSS1500	0.88	(0.61; 1.27)	5.0E-01
cg13792714	<i>ZBTB20</i>	chr3	5'UTR	0.88	(0.61; 1.27)	5.0E-01
cg10451116	<i>MEIS2</i>	chr15	Body	0.84	(0.51; 1.39)	5.0E-01
cg08135950	<i>FBXO31</i>	chr16	Body	0.89	(0.64; 1.24)	5.0E-01
cg01834541	<i>PEX14</i>	chr1	Body	1.12	(0.81; 1.55)	5.0E-01
cg02472077	<i>SUGCT</i>	chr7	Body	1.15	(0.77; 1.73)	5.0E-01
cg12594341	<i>NRXN1</i>	chr2	Body	0.89	(0.63; 1.25)	5.0E-01
cg04222499	<i>SUSD4</i>	chr1	Body	1.12	(0.8; 1.58)	5.0E-01
cg07674974	<i>ARID1A</i>	chr1	Body	0.88	(0.62; 1.27)	5.0E-01
cg02738205	<i>CDH13</i>	chr16	Body	1.13	(0.79; 1.62)	5.0E-01
cg04152151	<i>MBD5</i>	chr2	TSS200	0.87	(0.59; 1.3)	5.0E-01
cg13819611	<i>CDH13</i>	chr16	Body	1.18	(0.73; 1.88)	5.0E-01
cg07799043	<i>CPEB1</i>	chr15	TSS200	0.87	(0.57; 1.32)	5.0E-01
cg07799043	<i>CPEB1</i>	chr15	Body	0.87	(0.57; 1.32)	5.0E-01
cg21203781	<i>NRXN1</i>	chr2	Body	0.89	(0.64; 1.24)	5.0E-01
cg16681083	<i>ERI3</i>	chr1	Body	1.13	(0.79; 1.61)	5.0E-01
cg18251245	<i>FBXO34</i>	chr14	TSS1500	0.89	(0.64; 1.24)	5.0E-01
cg18251245	<i>FBXO34</i>	chr14	TSS200	0.89	(0.64; 1.24)	5.0E-01
cg27563529	<i>ATF7</i>	chr12	3'UTR	0.9	(0.66; 1.22)	5.0E-01
cg13552669	<i>TENM2</i>	chr5	Body	1.2	(0.71; 2.03)	5.0E-01
cg03452105	<i>PTPRN2</i>	chr7	Body	0.9	(0.66; 1.22)	5.0E-01
cg11989218	<i>CHFR</i>	chr12	Body	1.13	(0.79; 1.61)	5.0E-01
cg02732509	<i>CTDSP2</i>	chr12	TSS1500	0.89	(0.64; 1.25)	5.0E-01
cg21082130	<i>PTPRN2</i>	chr7	Body	0.9	(0.67; 1.21)	5.0E-01
cg23998942	<i>CNTNAP2</i>	chr7	Body	1.17	(0.74; 1.84)	5.0E-01
cg06405602	<i>WWOX</i>	chr16	Body	0.88	(0.6; 1.28)	5.0E-01
cg01560476	<i>TNRC6A</i>	chr16	Body	0.88	(0.59; 1.29)	5.0E-01
cg17755498	<i>CDH13</i>	chr16	5'UTR	1.12	(0.8; 1.58)	5.0E-01

cg17755498	<i>CDH13</i>	chr16	Body	1.12	(0.8; 1.58)	5.0E-01
cg15831500	<i>TNRC6C</i>	chr17	5'UTR	0.9	(0.67; 1.22)	5.0E-01
cg22859370	<i>GNA12</i>	chr7	Body	1.11	(0.81; 1.52)	5.0E-01
cg24221919	<i>PTPRN2</i>	chr7	Body	0.9	(0.66; 1.23)	5.0E-01
cg12144100	<i>PTPRN2</i>	chr7	Body	0.89	(0.63; 1.25)	5.0E-01
cg16495212	<i>CPEB1</i>	chr15	TSS1500	1.16	(0.75; 1.8)	5.0E-01
cg03923850	<i>CACNA1C</i>	chr12	Body	0.88	(0.6; 1.29)	5.0E-01
cg01782059	<i>ERI3</i>	chr1	Body	0.9	(0.65; 1.24)	5.0E-01
cg27181306	<i>EIF2S1</i>	chr14	Body	0.86	(0.55; 1.34)	5.0E-01
cg20159095	<i>PTPRN2</i>	chr7	Body	0.87	(0.58; 1.31)	5.0E-01
cg05013250	<i>ZFP91</i>	chr11	TSS1500	0.9	(0.66; 1.23)	5.0E-01
cg22324780	<i>NRXN1</i>	chr2	Body	0.9	(0.65; 1.23)	5.0E-01
cg26226356	<i>CUX2</i>	chr12	Body	0.88	(0.59; 1.29)	5.0E-01
cg06338499	<i>BRUNOL4</i>	chr18	Body	1.11	(0.82; 1.51)	5.1E-01
cg06410025	<i>PHACTR1</i>	chr6	Body	1.12	(0.81; 1.55)	5.1E-01
cg04681020	<i>AKAP13</i>	chr15	Body	0.89	(0.63; 1.26)	5.1E-01
cg15428496	<i>CTDSPL</i>	chr3	Body	1.22	(0.68; 2.22)	5.1E-01
cg09425164	<i>PDE8A</i>	chr15	Body	1.14	(0.78; 1.65)	5.1E-01
cg23686623	<i>ORC4</i>	chr2	Body	1.13	(0.78; 1.64)	5.1E-01
cg23631211	<i>NRXN1</i>	chr2	Body	1.13	(0.79; 1.62)	5.1E-01
cg06806214	<i>FBXO31</i>	chr16	Body	1.12	(0.81; 1.55)	5.1E-01
cg09608412	<i>PTPRN2</i>	chr7	Body	1.11	(0.82; 1.51)	5.1E-01
cg11615758	<i>PHACTR1</i>	chr6	Body	1.12	(0.8; 1.55)	5.1E-01
cg23369234	<i>CACNA1C</i>	chr12	Body	0.89	(0.62; 1.26)	5.1E-01
cg19004608	<i>PTPRS</i>	chr19	5'UTR	0.87	(0.58; 1.31)	5.1E-01
cg23127000	<i>RTN4</i>	chr2	Body	1.11	(0.82; 1.5)	5.1E-01
cg24902750	<i>TNRC18</i>	chr7	Body	1.13	(0.79; 1.6)	5.1E-01
cg23315282	<i>SUGCT</i>	chr7	Body	0.87	(0.59; 1.3)	5.1E-01
cg26267333	<i>CDH13</i>	chr16	Body	1.15	(0.76; 1.74)	5.1E-01
cg10249637	<i>PTPRN2</i>	chr7	Body	0.88	(0.61; 1.28)	5.1E-01
cg04865442	<i>FSTL1</i>	chr3	Body	1.14	(0.78; 1.65)	5.1E-01
cg23564028	<i>CDH11</i>	chr16	TSS200	1.15	(0.76; 1.74)	5.1E-01
cg01084990	<i>CDH11</i>	chr16	5'UTR	1.1	(0.82; 1.48)	5.1E-01
cg20924136	<i>FBXO36</i>	chr2	Body	1.17	(0.73; 1.88)	5.1E-01
cg04597111	<i>PDE8A</i>	chr15	TSS200	1.15	(0.76; 1.73)	5.1E-01
cg26782884	<i>MBD5</i>	chr2	5'UTR	1.12	(0.8; 1.58)	5.1E-01
cg01954514	<i>CHFR</i>	chr12	Body	0.9	(0.67; 1.22)	5.1E-01
cg04864538	<i>PTPRN2</i>	chr7	Body	1.12	(0.8; 1.59)	5.1E-01
cg12750730	<i>TAOK3</i>	chr12	5'UTR	1.26	(0.63; 2.52)	5.1E-01
cg22425438	<i>PTPRN2</i>	chr7	Body	1.11	(0.82; 1.5)	5.1E-01
cg17290573	<i>FBXO34</i>	chr14	5'UTR	0.89	(0.63; 1.26)	5.1E-01
cg07146799	<i>MEIS2</i>	chr15	Body	0.9	(0.66; 1.23)	5.1E-01
cg23794377	<i>RTN4</i>	chr2	Body	1.13	(0.79; 1.63)	5.1E-01
cg08838522	<i>CHCHD6</i>	chr3	Body	1.24	(0.65; 2.37)	5.1E-01
cg11619216	<i>LOC100130933</i>	chr17	TSS1500	1.2	(0.7; 2.08)	5.1E-01
cg11619216	<i>RECQL5</i>	chr17	Body	1.2	(0.7; 2.08)	5.1E-01
cg18767547	<i>SCAF8</i>	chr6	Body	0.9	(0.65; 1.24)	5.1E-01
cg20083900	<i>PTPRN2</i>	chr7	Body	0.88	(0.61; 1.27)	5.1E-01
cg05755118	<i>TNFRSF19</i>	chr13	TSS1500	0.89	(0.63; 1.26)	5.1E-01
cg04508331	<i>SLC16A9</i>	chr10	5'UTR	0.86	(0.55; 1.35)	5.1E-01
cg09271709	<i>NRXN1</i>	chr2	Body	1.14	(0.77; 1.7)	5.1E-01
cg15012247	<i>TNRC6B</i>	chr22	Body	0.89	(0.62; 1.27)	5.1E-01
cg05581460	<i>PTPRN2</i>	chr7	Body	0.89	(0.64; 1.25)	5.1E-01
cg12773464	<i>PTPRN2</i>	chr7	Body	1.13	(0.79; 1.6)	5.1E-01
cg02350414	<i>CUX2</i>	chr12	Body	1.17	(0.73; 1.87)	5.1E-01
cg25557995	<i>CACNA1C</i>	chr12	Body	0.88	(0.62; 1.27)	5.1E-01
cg24207009	<i>TNRC6C</i>	chr17	5'UTR	1.18	(0.73; 1.9)	5.1E-01
cg03328711	<i>PTPRN2</i>	chr7	Body	0.9	(0.66; 1.23)	5.1E-01
cg23521476	<i>TNRC6B</i>	chr22	3'UTR	1.12	(0.8; 1.56)	5.1E-01
cg13671412	<i>PTPRS</i>	chr19	5'UTR	1.1	(0.83; 1.45)	5.1E-01
cg21684809	<i>GNA12</i>	chr7	Body	0.89	(0.64; 1.25)	5.1E-01

cg21684809	<i>GNA12</i>	chr7	TSS200	0.89	(0.64; 1.25)	5.1E-01
cg26160492	<i>CTDSPL</i>	chr3	Body	0.88	(0.61; 1.28)	5.1E-01
cg05510129	<i>CACNA1C</i>	chr12	Body	1.13	(0.78; 1.63)	5.1E-01
cg26392691	<i>DMXL2</i>	chr15	TSS200	1.12	(0.8; 1.57)	5.1E-01
cg02536793	<i>TENM2</i>	chr5	Body	0.86	(0.54; 1.36)	5.1E-01
cg24351649	<i>TNRC18</i>	chr7	TSS1500	0.9	(0.66; 1.23)	5.1E-01
cg04059568	<i>PTPRN2</i>	chr7	Body	0.87	(0.56; 1.33)	5.1E-01
cg24866457	<i>CACNA1C</i>	chr12	TSS200	1.12	(0.8; 1.55)	5.1E-01
cg16395205	<i>CREBBP</i>	chr16	Body	1.12	(0.8; 1.57)	5.1E-01
cg27611274	<i>PTPRN2</i>	chr7	Body	0.89	(0.63; 1.26)	5.1E-01
cg24455950	<i>TAOK3</i>	chr12	Body	0.88	(0.61; 1.28)	5.1E-01
cg07577569	<i>CHD6</i>	chr20	5'UTR	1.12	(0.8; 1.57)	5.1E-01
cg11977326	<i>ERI3</i>	chr1	TSS200	0.9	(0.66; 1.23)	5.1E-01
cg06031500	<i>CTDSP2</i>	chr12	Body	0.9	(0.67; 1.22)	5.1E-01
cg05650416	<i>CACNA1C</i>	chr12	Body	1.15	(0.76; 1.75)	5.1E-01
cg11968625	<i>FBXO32</i>	chr8	3'UTR	0.91	(0.69; 1.21)	5.1E-01
cg14178347	<i>PTPRN2</i>	chr7	Body	1.12	(0.8; 1.55)	5.1E-01
cg02559817	<i>WWOX</i>	chr16	Body	1.13	(0.78; 1.66)	5.1E-01
cg06386789	<i>CDH13</i>	chr16	5'UTR	0.89	(0.64; 1.25)	5.1E-01
cg06386789	<i>CDH13</i>	chr16	Body	0.89	(0.64; 1.25)	5.1E-01
cg14791846	<i>CDH13</i>	chr16	Body	0.87	(0.58; 1.31)	5.1E-01
cg22955774	<i>CSMD2</i>	chr1	Body	0.9	(0.65; 1.24)	5.1E-01
cg03163469	<i>CSMD2</i>	chr1	Body	1.12	(0.79; 1.6)	5.1E-01
cg04363087	<i>TENM2</i>	chr5	Body	0.89	(0.64; 1.25)	5.1E-01
cg12583927	<i>SLC16A9</i>	chr10	TSS200	0.89	(0.62; 1.27)	5.1E-01
cg03147861	<i>PTPRN2</i>	chr7	Body	0.89	(0.64; 1.25)	5.1E-01
cg09438147	<i>UNC80</i>	chr2	TSS200	1.16	(0.75; 1.8)	5.1E-01
cg06531613	<i>CDH13</i>	chr16	Body	0.89	(0.64; 1.25)	5.1E-01
cg02680629	<i>FBXO38</i>	chr5	5'UTR	1.12	(0.8; 1.57)	5.1E-01
cg02680629	<i>FBXO38</i>	chr5	1stExon	1.12	(0.8; 1.57)	5.1E-01
cg06225294	<i>ZBTB20</i>	chr3	5'UTR	0.91	(0.68; 1.22)	5.1E-01
cg06225294	<i>ZBTB20</i>	chr3	1stExon	0.91	(0.68; 1.22)	5.1E-01
cg21121024	<i>RTN4RL2</i>	chr11	TSS1500	0.9	(0.66; 1.23)	5.1E-01
cg20797106	<i>PTPRN2</i>	chr7	Body	0.91	(0.68; 1.21)	5.1E-01
cg25513800	<i>CPEB1</i>	chr15	Body	0.89	(0.63; 1.26)	5.1E-01
cg10753101	<i>PTPRN2</i>	chr7	Body	1.11	(0.81; 1.54)	5.1E-01
cg07676894	<i>PTPRS</i>	chr19	Body	1.2	(0.69; 2.09)	5.1E-01
cg23454082	<i>RTN4</i>	chr2	Body	0.91	(0.68; 1.22)	5.1E-01
cg23454082	<i>RTN4</i>	chr2	5'UTR	0.91	(0.68; 1.22)	5.1E-01
cg00369443	<i>PTPRN2</i>	chr7	Body	1.11	(0.81; 1.52)	5.1E-01
cg06769759	<i>CTNND2</i>	chr5	Body	0.9	(0.65; 1.24)	5.2E-01
cg06769759	<i>CTNND2</i>	chr5	5'UTR	0.9	(0.65; 1.24)	5.2E-01
cg06769759	<i>CTNND2</i>	chr5	TSS1500	0.9	(0.65; 1.24)	5.2E-01
cg16544621	<i>PHACTR1</i>	chr6	Body	1.16	(0.74; 1.8)	5.2E-01
cg19212465	<i>PTPRN2</i>	chr7	Body	0.84	(0.5; 1.41)	5.2E-01
cg00298331	<i>ELAVL4</i>	chr1	Body	1.14	(0.77; 1.7)	5.2E-01
cg22560123	<i>RTN4RL2</i>	chr11	TSS1500	1.12	(0.79; 1.59)	5.2E-01
cg02704570	<i>PTPRN2</i>	chr7	Body	1.29	(0.6; 2.76)	5.2E-01
cg17138775	<i>MTCL1</i>	chr18	Body	1.11	(0.8; 1.54)	5.2E-01
cg06638529	<i>ERI3</i>	chr1	Body	0.77	(0.34; 1.72)	5.2E-01
cg18816701	<i>CACNA1C</i>	chr12	Body	1.13	(0.78; 1.65)	5.2E-01
cg09134946	<i>PTPRN2</i>	chr7	Body	1.12	(0.8; 1.57)	5.2E-01
cg20852862	<i>RNU5E-1</i>	chr5	Body	1.09	(0.83; 1.43)	5.2E-01
cg26238835	<i>TSHZ3</i>	chr19	Body	1.22	(0.66; 2.26)	5.2E-01
cg18964988	<i>CUX2</i>	chr12	TSS1500	0.9	(0.66; 1.23)	5.2E-01
cg21227048	<i>TNRC18</i>	chr7	TSS200	0.9	(0.67; 1.23)	5.2E-01
cg09315468	<i>DDHD2</i>	chr8	5'UTR	0.91	(0.69; 1.21)	5.2E-01
cg09315468	<i>DDHD2</i>	chr8	1stExon	0.91	(0.69; 1.21)	5.2E-01
cg25950036	<i>PTPRN2</i>	chr7	Body	0.89	(0.64; 1.26)	5.2E-01
cg08720527	<i>PTPRU</i>	chr1	Body	0.87	(0.57; 1.33)	5.2E-01
cg26924544	<i>PHACTR1</i>	chr6	Body	0.87	(0.58; 1.32)	5.2E-01

cg14864243	<i>CDH13</i>	chr16	5'UTR	0.89	(0.63; 1.26)	5.2E-01
cg14864243	<i>CDH13</i>	chr16	Body	0.89	(0.63; 1.26)	5.2E-01
cg11282531	<i>MEIS2</i>	chr15	TSS200	1.14	(0.77; 1.69)	5.2E-01
cg11282531	<i>MEIS2</i>	chr15	TSS1500	1.14	(0.77; 1.69)	5.2E-01
cg07635106	<i>CHD6</i>	chr20	TSS200	0.9	(0.65; 1.24)	5.2E-01
cg18479082	<i>PTPRN2</i>	chr7	Body	0.9	(0.64; 1.25)	5.2E-01
cg06196755	<i>TSHZ3</i>	chr19	Body	1.13	(0.78; 1.62)	5.2E-01
cg24107979	<i>BRUNOL4</i>	chr18	TSS1500	0.89	(0.63; 1.26)	5.2E-01
cg16338347	<i>ALCAM</i>	chr3	TSS1500	1.11	(0.81; 1.53)	5.2E-01
cg16278635	<i>CDH13</i>	chr16	5'UTR	1.13	(0.78; 1.64)	5.2E-01
cg16278635	<i>CDH13</i>	chr16	Body	1.13	(0.78; 1.64)	5.2E-01
cg16640149	<i>FBXO38</i>	chr5	3'UTR	1.12	(0.8; 1.56)	5.2E-01
cg10501306	<i>ZBTB20</i>	chr3	Body	0.88	(0.6; 1.3)	5.2E-01
cg10501306	<i>ZBTB20</i>	chr3	5'UTR	0.88	(0.6; 1.3)	5.2E-01
cg15059013	<i>TNFRSF19</i>	chr13	Body	1.1	(0.83; 1.46)	5.2E-01
cg19128364	<i>PTPRN2</i>	chr7	Body	0.91	(0.68; 1.22)	5.2E-01
cg22322562	<i>NRXN1</i>	chr2	Body	1.12	(0.79; 1.58)	5.2E-01
cg11523366	<i>GNA12</i>	chr7	Body	1.19	(0.71; 1.99)	5.2E-01
cg21080591	<i>PTPRN2</i>	chr7	Body	1.27	(0.61; 2.66)	5.2E-01
cg06892918	<i>ATF7</i>	chr12	Body	1.1	(0.82; 1.48)	5.2E-01
cg01565905	<i>FBXO34</i>	chr14	5'UTR	0.91	(0.67; 1.22)	5.2E-01
cg20777401	<i>CACNA1C</i>	chr12	Body	0.88	(0.59; 1.3)	5.2E-01
cg12582957	<i>PTPRN2</i>	chr7	Body	1.11	(0.8; 1.54)	5.2E-01
cg03376719	<i>ALCAM</i>	chr3	Body	0.9	(0.67; 1.23)	5.2E-01
cg19593401	<i>CCDC80</i>	chr3	TSS1500	0.88	(0.59; 1.3)	5.2E-01
cg08524986	<i>ORC4</i>	chr2	Body	0.88	(0.6; 1.3)	5.2E-01
cg15463900	<i>DACH1</i>	chr13	Body	0.88	(0.6; 1.3)	5.2E-01
cg12057517	<i>WAC</i>	chr10	Body	0.89	(0.61; 1.28)	5.2E-01
cg04619806	<i>NOL4L</i>	chr20	Body	1.19	(0.7; 2.03)	5.2E-01
cg09762932	<i>NOL4L</i>	chr20	Body	1.12	(0.8; 1.56)	5.2E-01
cg01286385	<i>CHD6</i>	chr20	Body	0.91	(0.69; 1.21)	5.2E-01
cg03209809	<i>CHCHD6</i>	chr3	TSS1500	1.14	(0.76; 1.71)	5.2E-01
cg08414888	<i>PTPRN2</i>	chr7	Body	0.9	(0.65; 1.24)	5.2E-01
cg01063935	<i>PEX14</i>	chr1	Body	0.9	(0.66; 1.24)	5.2E-01
cg00957585	<i>AKAP13</i>	chr15	Body	1.13	(0.78; 1.64)	5.2E-01
cg18035136	<i>PHACTR1</i>	chr6	1stExon	1.11	(0.81; 1.53)	5.2E-01
cg18035136	<i>PHACTR1</i>	chr6	5'UTR	1.11	(0.81; 1.53)	5.2E-01
cg14242405	<i>PTPRN2</i>	chr7	Body	0.89	(0.62; 1.27)	5.2E-01
cg02952905	<i>DNAI2</i>	chr17	Body	1.19	(0.69; 2.06)	5.2E-01
cg21501616	<i>DCUN1D4</i>	chr4	TSS1500	0.9	(0.65; 1.25)	5.2E-01
cg10407598	<i>RECQL5</i>	chr17	Body	0.89	(0.63; 1.26)	5.2E-01
cg01939872	<i>TXNDC9</i>	chr2	Body	0.89	(0.63; 1.26)	5.2E-01
cg02172395	<i>ARID1A</i>	chr1	Body	1.11	(0.81; 1.52)	5.2E-01
cg09838302	<i>TNRC6B</i>	chr22	Body	0.88	(0.61; 1.29)	5.2E-01
cg10392281	<i>CNTF</i>	chr11	TSS1500	1.14	(0.76; 1.71)	5.2E-01
cg25981546	<i>PTPRN2</i>	chr7	Body	0.9	(0.65; 1.24)	5.2E-01
cg09603030	<i>CSMD2</i>	chr1	Body	0.89	(0.62; 1.28)	5.2E-01
cg10963021	<i>CREBBP</i>	chr16	Body	0.89	(0.63; 1.27)	5.2E-01
cg19746375	<i>PTPRN2</i>	chr7	Body	0.89	(0.63; 1.26)	5.2E-01
cg08916844	<i>CDH13</i>	chr16	Body	0.91	(0.67; 1.22)	5.2E-01
cg05947666	<i>SGIP1</i>	chr1	Body	0.9	(0.65; 1.25)	5.2E-01
cg02735685	<i>ATF7</i>	chr12	Body	1.4	(0.5; 3.98)	5.2E-01
cg01239944	<i>GNA12</i>	chr7	Body	0.88	(0.59; 1.31)	5.2E-01
cg25030888	<i>SGIP1</i>	chr1	Body	1.11	(0.8; 1.56)	5.2E-01
cg05753823	<i>FBXO38</i>	chr5	Body	1.12	(0.79; 1.59)	5.2E-01
cg27560690	<i>FBXO11</i>	chr2	5'UTR	1.11	(0.81; 1.51)	5.2E-01
cg10001715	<i>WWOX</i>	chr16	Body	1.2	(0.69; 2.1)	5.2E-01
cg01534527	<i>CTDSPL</i>	chr3	Body	0.83	(0.46; 1.48)	5.2E-01
cg14691671	<i>LOC100130933</i>	chr17	TSS200	0.78	(0.36; 1.69)	5.2E-01
cg14691671	<i>RECQL5</i>	chr17	Body	0.78	(0.36; 1.69)	5.2E-01
cg26859186	<i>PTPRN2</i>	chr7	Body	0.91	(0.68; 1.22)	5.2E-01

cg04373993	<i>PTPRN2</i>	chr7	Body	0.9	(0.66; 1.24)	5.2E-01
cg23064424	<i>ZBTB20</i>	chr3	ExonBnd	0.89	(0.63; 1.27)	5.2E-01
cg23064424	<i>ZBTB20</i>	chr3	Body	0.89	(0.63; 1.27)	5.2E-01
cg23064424	<i>ZBTB20</i>	chr3	5'UTR	0.89	(0.63; 1.27)	5.2E-01
cg15865069	<i>PTPRN2</i>	chr7	Body	1.13	(0.78; 1.63)	5.2E-01
cg12350325	<i>CACNA1C</i>	chr12	3'UTR	0.91	(0.68; 1.22)	5.2E-01
cg05622865	<i>NOL4L</i>	chr20	TSS1500	1.1	(0.83; 1.45)	5.2E-01
cg26675336	<i>AKAP13</i>	chr15	Body	0.9	(0.64; 1.26)	5.2E-01
cg11215154	<i>NRXN1</i>	chr2	Body	0.88	(0.6; 1.29)	5.2E-01
cg26856583	<i>FBXO31</i>	chr16	TSS200	0.88	(0.61; 1.29)	5.2E-01
cg01722003	<i>CNTNAP2</i>	chr7	Body	0.91	(0.68; 1.21)	5.2E-01
cg13666648	<i>ZBTB20</i>	chr3	5'UTR	0.88	(0.6; 1.29)	5.2E-01
cg24433341	<i>DNAI2</i>	chr17	5'UTR	0.91	(0.67; 1.23)	5.3E-01
cg17255756	<i>DDHD2</i>	chr8	Body	0.89	(0.62; 1.28)	5.3E-01
cg00756092	<i>CACNA1C</i>	chr12	Body	0.87	(0.57; 1.33)	5.3E-01
cg03375049	<i>CDH13</i>	chr16	Body	1.18	(0.7; 1.99)	5.3E-01
cg14419740	<i>PTPRN2</i>	chr7	Body	0.9	(0.64; 1.26)	5.3E-01
cg26510723	<i>PTPRN2</i>	chr7	Body	0.91	(0.66; 1.23)	5.3E-01
cg20603821	<i>PTPRN2</i>	chr7	Body	1.13	(0.77; 1.67)	5.3E-01
cg16909365	<i>POU2F1</i>	chr1	Body	1.14	(0.76; 1.71)	5.3E-01
cg07208565	<i>UBE2E2</i>	chr3	Body	1.11	(0.8; 1.53)	5.3E-01
cg07720188	<i>TNFRSF19</i>	chr13	TSS1500	0.9	(0.65; 1.25)	5.3E-01
cg03767699	<i>RTN4RL1</i>	chr17	Body	1.13	(0.78; 1.63)	5.3E-01
cg12855461	<i>TNFRSF19</i>	chr13	5'UTR	0.9	(0.64; 1.26)	5.3E-01
cg03091738	<i>CTDSP2</i>	chr12	Body	0.89	(0.63; 1.27)	5.3E-01
cg24861859	<i>TNR</i>	chr1	5'UTR	0.9	(0.64; 1.25)	5.3E-01
cg05382123	<i>CSMD2</i>	chr1	TSS1500	0.88	(0.6; 1.3)	5.3E-01
cg13794881	<i>FSTL1</i>	chr3	Body	0.9	(0.64; 1.26)	5.3E-01
cg05465821	<i>NOL4L</i>	chr20	Body	0.68	(0.2; 2.26)	5.3E-01
cg16792948	<i>TNRC6A</i>	chr16	TSS200	0.9	(0.64; 1.26)	5.3E-01
cg00940546	<i>ZNF704</i>	chr8	5'UTR	1.19	(0.69; 2.07)	5.3E-01
cg05979433	<i>CUX2</i>	chr12	Body	1.1	(0.81; 1.51)	5.3E-01
cg26100303	<i>ZBTB20</i>	chr3	5'UTR	1.12	(0.78; 1.62)	5.3E-01
cg15014137	<i>ZNF704</i>	chr8	Body	1.16	(0.73; 1.83)	5.3E-01
cg08446633	<i>TNRC6C</i>	chr17	3'UTR	0.9	(0.65; 1.25)	5.3E-01
cg23299919	<i>PTPRN2</i>	chr7	Body	1.14	(0.76; 1.68)	5.3E-01
cg08301254	<i>CUX2</i>	chr12	Body	1.13	(0.78; 1.63)	5.3E-01
cg14739284	<i>CNTNAP2</i>	chr7	Body	0.9	(0.64; 1.26)	5.3E-01
cg13399697	<i>PTPRU</i>	chr1	Body	0.9	(0.66; 1.24)	5.3E-01
cg16004800	<i>NDUFA9</i>	chr12	Body	0.9	(0.66; 1.24)	5.3E-01
cg12416878	<i>UBE2E2</i>	chr3	Body	0.79	(0.38; 1.64)	5.3E-01
cg15091264	<i>CDH13</i>	chr16	Body	1.1	(0.81; 1.5)	5.3E-01
cg11227987	<i>PTPRN2</i>	chr7	Body	0.89	(0.62; 1.28)	5.3E-01
cg16832671	<i>WWOX</i>	chr16	Body	1.11	(0.8; 1.54)	5.3E-01
cg15489593	<i>TNRC6C</i>	chr17	5'UTR	1.1	(0.82; 1.48)	5.3E-01
cg11782594	<i>UBE2E2</i>	chr3	Body	1.13	(0.77; 1.65)	5.3E-01
cg02463653	<i>PTPRS</i>	chr19	5'UTR	0.87	(0.56; 1.34)	5.3E-01
cg09184202	<i>PTPRN2</i>	chr7	Body	1.12	(0.79; 1.57)	5.3E-01
cg01718785	<i>PTPRN2</i>	chr7	Body	1.11	(0.81; 1.52)	5.3E-01
cg10471944	<i>PTPRN2</i>	chr7	Body	0.9	(0.64; 1.26)	5.3E-01
cg24636003	<i>PTPRU</i>	chr1	Body	0.89	(0.63; 1.27)	5.3E-01
cg11667785	<i>GNA12</i>	chr7	Body	0.9	(0.64; 1.25)	5.3E-01
cg13928313	<i>GNA12</i>	chr7	Body	1.12	(0.79; 1.59)	5.3E-01
cg08941759	<i>CHCHD6</i>	chr3	TSS200	0.9	(0.65; 1.25)	5.3E-01
cg08271366	<i>CDH13</i>	chr16	Body	1.11	(0.81; 1.52)	5.3E-01
cg03564061	<i>CACNA1C</i>	chr12	Body	1.14	(0.76; 1.71)	5.3E-01
cg23246939	<i>WAC</i>	chr10	Body	0.91	(0.68; 1.22)	5.3E-01
cg10765212	<i>COL5A2</i>	chr2	TSS200	1.13	(0.77; 1.67)	5.3E-01
cg16397629	<i>CHD6</i>	chr20	Body	1.14	(0.76; 1.71)	5.3E-01
cg27109907	<i>WWOX</i>	chr16	Body	0.9	(0.64; 1.26)	5.3E-01
cg20567227	<i>ATP8A1</i>	chr4	Body	0.9	(0.66; 1.24)	5.3E-01

cg22640847	SMARCD3	chr7	1stExon	0.89	(0.62; 1.28)	5.3E-01
cg22640847	SMARCD3	chr7	Body	0.89	(0.62; 1.28)	5.3E-01
cg19458485	PHACTR1	chr6	Body	1.1	(0.81; 1.49)	5.3E-01
cg24439166	ALCAM	chr3	Body	0.88	(0.6; 1.31)	5.3E-01
cg03081478	GNA12	chr7	Body	0.79	(0.37; 1.67)	5.3E-01
cg00514964	UNC80	chr2	Body	0.89	(0.63; 1.27)	5.3E-01
cg08195448	NOL4	chr18	TSS1500	0.89	(0.61; 1.29)	5.3E-01
cg06034014	CDH13	chr16	5'UTR	1.12	(0.78; 1.6)	5.3E-01
cg06034014	CDH13	chr16	Body	1.12	(0.78; 1.6)	5.3E-01
cg14824984	FBXO36	chr2	Body	1.11	(0.8; 1.53)	5.3E-01
cg26808293	TNFRSF12A	chr16	3'UTR	0.88	(0.58; 1.33)	5.3E-01
cg08022244	PTPRN2	chr7	Body	0.9	(0.65; 1.25)	5.3E-01
cg03084158	GNA12	chr7	Body	0.91	(0.67; 1.23)	5.3E-01
cg15260349	MTNR1B	chr11	TSS1500	0.9	(0.64; 1.26)	5.3E-01
cg16694011	CNTNAP2	chr7	Body	1.16	(0.73; 1.84)	5.3E-01
cg02877029	AKAP13	chr15	Body	1.11	(0.8; 1.53)	5.3E-01
cg03475420	RTN4R	chr22	5'UTR	1.12	(0.79; 1.59)	5.3E-01
cg03475420	RTN4R	chr22	1stExon	1.12	(0.79; 1.59)	5.3E-01
cg12813441	RTN4	chr2	Body	1.1	(0.81; 1.5)	5.3E-01
cg25097167	TENM2	chr5	Body	0.89	(0.63; 1.27)	5.3E-01
cg00231927	PTPRN2	chr7	Body	1.1	(0.82; 1.48)	5.3E-01
cg24005949	CSMD2	chr1	Body	0.9	(0.64; 1.26)	5.4E-01
cg19551848	CNTNAP2	chr7	Body	0.9	(0.64; 1.26)	5.4E-01
cg16979355	NOL4	chr18	5'UTR	0.89	(0.63; 1.27)	5.4E-01
cg16979355	NOL4	chr18	Body	0.89	(0.63; 1.27)	5.4E-01
cg10552603	PTPRN2	chr7	Body	0.91	(0.66; 1.24)	5.4E-01
cg25052941	CNTNAP2	chr7	Body	1.11	(0.79; 1.56)	5.4E-01
cg02603140	WAC	chr10	Body	0.9	(0.66; 1.25)	5.4E-01
cg23827695	CPEB1	chr15	1stExon	0.91	(0.66; 1.24)	5.4E-01
cg23827695	CPEB1	chr15	Body	0.91	(0.66; 1.24)	5.4E-01
cg23827695	CPEB1	chr15	5'UTR	0.91	(0.66; 1.24)	5.4E-01
cg12590902	ERI3	chr1	Body	0.89	(0.62; 1.28)	5.4E-01
cg04971161	FBXO34	chr14	5'UTR	0.89	(0.61; 1.29)	5.4E-01
cg00253171	WWOX	chr16	Body	0.89	(0.63; 1.28)	5.4E-01
cg13523718	PTPRN2	chr7	Body	1.1	(0.81; 1.51)	5.4E-01
cg03182745	COL1A2	chr7	Body	0.89	(0.62; 1.29)	5.4E-01
cg03182745	COL1A2	chr7	ExonBnd	0.89	(0.62; 1.29)	5.4E-01
cg02533819	ATF7	chr12	Body	1.2	(0.68; 2.11)	5.4E-01
cg06468911	PHACTR1	chr6	Body	0.69	(0.21; 2.24)	5.4E-01
cg16979981	FBXO11	chr2	3'UTR	0.87	(0.56; 1.35)	5.4E-01
cg09044928	PTPRN2	chr7	Body	0.9	(0.64; 1.27)	5.4E-01
cg05013730	CNTNAP2	chr7	Body	1.13	(0.76; 1.69)	5.4E-01
cg17364913	PTPRN2	chr7	Body	1.1	(0.82; 1.48)	5.4E-01
cg13052034	SGIP1	chr1	TSS1500	0.91	(0.67; 1.23)	5.4E-01
cg11130461	ZBTB20	chr3	5'UTR	1.1	(0.82; 1.47)	5.4E-01
cg04177456	PTPRN2	chr7	Body	0.9	(0.65; 1.26)	5.4E-01
cg13550921	CACNA1C-IT2	chr12	TSS200	0.9	(0.65; 1.25)	5.4E-01
cg18795320	ATF7IP	chr12	5'UTR	0.89	(0.63; 1.28)	5.4E-01
cg18795320	ATF7IP	chr12	Body	0.89	(0.63; 1.28)	5.4E-01
cg08246366	PTPRN2	chr7	Body	1.11	(0.8; 1.54)	5.4E-01
cg05340866	CNTNAP2	chr7	Body	0.92	(0.7; 1.21)	5.4E-01
cg07493562	WWOX	chr16	Body	1.18	(0.7; 1.99)	5.4E-01
cg16954577	TNFRSF11A	chr18	Body	1.1	(0.81; 1.48)	5.4E-01
cg01916462	DCUN1D4	chr4	Body	1.11	(0.8; 1.54)	5.4E-01
cg00869927	SGIP1	chr1	Body	0.86	(0.54; 1.38)	5.4E-01
cg26375836	SMARCD3	chr7	TSS1500	0.91	(0.68; 1.22)	5.4E-01
cg26375836	SMARCD3	chr7	Body	0.91	(0.68; 1.22)	5.4E-01
cg03860108	CNTNAP2	chr7	Body	1.12	(0.79; 1.58)	5.4E-01
cg18923228	CREBBP	chr16	Body	0.84	(0.47; 1.48)	5.4E-01
cg02243437	SLC16A9	chr10	1stExon	1.11	(0.79; 1.56)	5.4E-01
cg02243437	SLC16A9	chr10	5'UTR	1.11	(0.79; 1.56)	5.4E-01

cg26554834	<i>PTPRN2</i>	chr7	Body	1.11	(0.8; 1.55)	5.4E-01
cg26902323	<i>RTN4</i>	chr2	TSS1500	1.1	(0.81; 1.49)	5.4E-01
cg26902323	<i>RTN4</i>	chr2	1stExon	1.1	(0.81; 1.49)	5.4E-01
cg26902323	<i>RTN4</i>	chr2	5'UTR	1.1	(0.81; 1.49)	5.4E-01
cg21530087	<i>AKAP13</i>	chr15	TSS200	1.1	(0.82; 1.48)	5.4E-01
cg08793976	<i>TNRC18</i>	chr7	Body	1.14	(0.75; 1.75)	5.4E-01
cg03054309	<i>CDH13</i>	chr16	Body	1.11	(0.79; 1.55)	5.4E-01
cg27103642	<i>PTPRN2</i>	chr7	Body	0.9	(0.65; 1.26)	5.4E-01
cg09293985	<i>WVOX</i>	chr16	Body	1.12	(0.78; 1.6)	5.4E-01
cg03707604	<i>CNTNAP2</i>	chr7	Body	1.16	(0.73; 1.84)	5.4E-01
cg24173422	<i>PTPRN2</i>	chr7	Body	1.11	(0.8; 1.52)	5.4E-01
cg04706867	<i>CNTNAP2</i>	chr7	TSS1500	1.11	(0.8; 1.53)	5.4E-01
cg24507502	<i>BRUNOL4</i>	chr18	3'UTR	1.12	(0.78; 1.62)	5.4E-01
cg16043144	<i>CPEB1</i>	chr15	Body	1.14	(0.75; 1.71)	5.4E-01
cg05736847	<i>TNRC6C</i>	chr17	Body	0.9	(0.64; 1.26)	5.4E-01
cg16183813	<i>DACH1</i>	chr13	5'UTR	0.89	(0.62; 1.29)	5.4E-01
cg16183813	<i>DACH1</i>	chr13	1stExon	0.89	(0.62; 1.29)	5.4E-01
cg22052291	<i>TNFRSF19</i>	chr13	5'UTR	0.88	(0.59; 1.32)	5.4E-01
cg22052291	<i>TNFRSF19</i>	chr13	TSS1500	0.88	(0.59; 1.32)	5.4E-01
cg10030458	<i>SMARCD3</i>	chr7	Body	1.1	(0.81; 1.48)	5.4E-01
cg26045166	<i>CSMD2</i>	chr1	Body	1.11	(0.79; 1.57)	5.4E-01
cg18779092	<i>NDUFA9</i>	chr12	TSS1500	0.9	(0.64; 1.26)	5.4E-01
cg18939478	<i>CACNA1C</i>	chr12	Body	1.11	(0.8; 1.54)	5.4E-01
cg15661240	<i>TNRC6C</i>	chr17	Body	1.1	(0.8; 1.52)	5.4E-01
cg11268190	<i>TNFRSF1A</i>	chr12	Body	0.9	(0.64; 1.27)	5.4E-01
cg08237117	<i>CHFR</i>	chr12	Body	1.11	(0.8; 1.54)	5.4E-01
cg20494215	<i>SUGCT</i>	chr7	Body	0.91	(0.67; 1.23)	5.4E-01
cg06878729	<i>CSMD2</i>	chr1	Body	0.91	(0.66; 1.24)	5.4E-01
cg17221275	<i>TNRC6B</i>	chr22	Body	1.12	(0.77; 1.63)	5.4E-01
cg09225840	<i>TNFRSF1B</i>	chr1	Body	0.88	(0.59; 1.32)	5.4E-01
cg24706315	<i>MTCL1</i>	chr18	Body	1.11	(0.79; 1.56)	5.4E-01
cg02995459	<i>NOL4</i>	chr18	5'UTR	1.12	(0.78; 1.62)	5.4E-01
cg02995459	<i>NOL4</i>	chr18	Body	1.12	(0.78; 1.62)	5.4E-01
cg04023548	<i>TDRP</i>	chr8	TSS1500	1.11	(0.79; 1.57)	5.4E-01
cg04023548	<i>TDRP</i>	chr8	5'UTR	1.11	(0.79; 1.57)	5.4E-01
cg12907305	<i>ZBTB20</i>	chr3	Body	1.13	(0.77; 1.66)	5.4E-01
cg12907305	<i>ZBTB20</i>	chr3	5'UTR	1.13	(0.77; 1.66)	5.4E-01
cg09980118	<i>GNA12</i>	chr7	Body	0.91	(0.67; 1.24)	5.4E-01
cg09980118	<i>GNA12</i>	chr7	TSS1500	0.91	(0.67; 1.24)	5.4E-01
cg23418083	<i>CREBBP</i>	chr16	Body	0.89	(0.6; 1.31)	5.4E-01
cg10941356	<i>PTPRS</i>	chr19	Body	0.88	(0.58; 1.33)	5.4E-01
cg02953970	<i>FBXO11</i>	chr2	Body	1.14	(0.74; 1.76)	5.4E-01
cg26251202	<i>CEP350</i>	chr1	Body	1.11	(0.79; 1.56)	5.4E-01
cg26639747	<i>PTPRN2</i>	chr7	Body	1.2	(0.67; 2.14)	5.4E-01
cg12841881	<i>ATP6V0C</i>	chr16	TSS1500	1.12	(0.78; 1.61)	5.4E-01
cg12841881	<i>ATP6V0C</i>	chr16	TSS200	1.12	(0.78; 1.61)	5.4E-01
cg11895615	<i>CACNA1C</i>	chr12	Body	0.89	(0.61; 1.3)	5.4E-01
cg01436550	<i>TNRC6A</i>	chr16	Body	1.11	(0.79; 1.58)	5.4E-01
cg05353134	<i>TNRC6A</i>	chr16	Body	1.12	(0.78; 1.6)	5.4E-01
cg09115843	<i>TNFRSF19</i>	chr13	5'UTR	0.88	(0.59; 1.32)	5.4E-01
cg23072051	<i>PEX14</i>	chr1	Body	0.9	(0.64; 1.27)	5.4E-01
cg27454370	<i>BARX1</i>	chr9	TSS1500	0.9	(0.63; 1.28)	5.4E-01
cg01814572	<i>TENM2</i>	chr5	Body	1.11	(0.79; 1.57)	5.4E-01
cg03805029	<i>DMXL2</i>	chr15	Body	1.11	(0.79; 1.58)	5.4E-01
cg20190456	<i>RTN4RL1</i>	chr17	Body	1.14	(0.75; 1.71)	5.4E-01
cg18686797	<i>ELAVL4</i>	chr1	TSS1500	1.11	(0.8; 1.53)	5.4E-01
cg18686797	<i>ELAVL4</i>	chr1	Body	1.11	(0.8; 1.53)	5.4E-01
cg23690355	<i>CTDSPL2</i>	chr15	TSS1500	1.11	(0.8; 1.54)	5.4E-01
cg15187151	<i>PTPRN2</i>	chr7	Body	1.1	(0.8; 1.52)	5.4E-01
cg24727133	<i>CHFR</i>	chr12	TSS1500	0.91	(0.66; 1.24)	5.4E-01
cg24824703	<i>GNA12</i>	chr7	Body	1.1	(0.81; 1.48)	5.4E-01

cg03361346	<i>TNRC18</i>	chr7	Body	1.11	(0.8; 1.54)	5.4E-01
cg09127540	<i>PTPRN2</i>	chr7	Body	1.11	(0.8; 1.53)	5.4E-01
cg17539487	<i>TNFRSF10B</i>	chr8	Body	1.1	(0.82; 1.47)	5.4E-01
cg02770061	<i>PTPRN2</i>	chr7	Body	0.91	(0.68; 1.23)	5.4E-01
cg14706661	<i>CUX2</i>	chr12	3'UTR	1.12	(0.78; 1.59)	5.4E-01
cg25645732	<i>CNTNAP2</i>	chr7	TSS1500	1.1	(0.81; 1.5)	5.4E-01
cg06734250	<i>NOL4</i>	chr18	Body	0.9	(0.64; 1.26)	5.4E-01
cg10257673	<i>PTPRN2</i>	chr7	Body	1.14	(0.74; 1.76)	5.4E-01
cg23004985	<i>PDE8A</i>	chr15	3'UTR	0.88	(0.58; 1.33)	5.4E-01
cg03252313	<i>CNTNAP2</i>	chr7	3'UTR	0.91	(0.67; 1.23)	5.4E-01
cg05689121	<i>TNRC6A</i>	chr16	TSS200	1.11	(0.79; 1.56)	5.5E-01
cg25212381	<i>ZNF704</i>	chr8	TSS200	1.12	(0.78; 1.62)	5.5E-01
cg10870815	<i>CACNA1C</i>	chr12	Body	0.89	(0.6; 1.31)	5.5E-01
cg21235329	<i>ELAVL4</i>	chr1	TSS1500	0.89	(0.62; 1.29)	5.5E-01
cg21235329	<i>ELAVL4</i>	chr1	Body	0.89	(0.62; 1.29)	5.5E-01
cg10347555	<i>ATP6V0C</i>	chr16	3'UTR	0.9	(0.65; 1.25)	5.5E-01
cg13287247	<i>CCDC80</i>	chr3	5'UTR	0.88	(0.58; 1.34)	5.5E-01
cg13287247	<i>CCDC80</i>	chr3	1stExon	0.88	(0.58; 1.34)	5.5E-01
cg20222519	<i>UBE2E2</i>	chr3	5'UTR	1.13	(0.76; 1.7)	5.5E-01
cg09935228	<i>ZNF704</i>	chr8	Body	0.9	(0.65; 1.26)	5.5E-01
cg17460558	<i>FBXO31</i>	chr16	TSS200	0.91	(0.68; 1.23)	5.5E-01
cg17460558	<i>FBXO31</i>	chr16	5'UTR	0.91	(0.68; 1.23)	5.5E-01
cg20674254	<i>CDH13</i>	chr16	5'UTR	0.91	(0.68; 1.23)	5.5E-01
cg20674254	<i>CDH13</i>	chr16	Body	0.91	(0.68; 1.23)	5.5E-01
cg13719771	<i>NDUFA9</i>	chr12	Body	0.9	(0.64; 1.26)	5.5E-01
cg16235197	<i>CUX2</i>	chr12	Body	0.9	(0.64; 1.27)	5.5E-01
cg17134221	<i>PTPRN2</i>	chr7	Body	1.09	(0.82; 1.46)	5.5E-01
cg10205895	<i>DACH1</i>	chr13	TSS1500	1.2	(0.66; 2.17)	5.5E-01
cg24544431	<i>TNR</i>	chr1	TSS1500	1.1	(0.8; 1.53)	5.5E-01
cg00826997	<i>CNTNAP2</i>	chr7	Body	0.9	(0.65; 1.25)	5.5E-01
cg01949902	<i>TNRC6B</i>	chr22	TSS1500	1.09	(0.82; 1.45)	5.5E-01
cg05119831	<i>PTPRN2</i>	chr7	Body	0.9	(0.65; 1.26)	5.5E-01
cg18540529	<i>PTPRN2</i>	chr7	Body	1.1	(0.8; 1.52)	5.5E-01
cg14710853	<i>TNRC6B</i>	chr22	5'UTR	1.12	(0.78; 1.6)	5.5E-01
cg23598360	<i>TNRC18</i>	chr7	Body	1.1	(0.8; 1.52)	5.5E-01
cg14528596	<i>CHCHD6</i>	chr3	Body	1.11	(0.79; 1.55)	5.5E-01
cg06705947	<i>CUX2</i>	chr12	Body	1.11	(0.79; 1.56)	5.5E-01
cg07547996	<i>CTNND2</i>	chr5	Body	1.12	(0.78; 1.6)	5.5E-01
cg07547996	<i>CTNND2</i>	chr5	5'UTR	1.12	(0.78; 1.6)	5.5E-01
cg12901835	<i>GNA12</i>	chr7	Body	1.12	(0.77; 1.64)	5.5E-01
cg25375656	<i>DACH1</i>	chr13	Body	0.9	(0.63; 1.28)	5.5E-01
cg12434889	<i>PTPRN2</i>	chr7	Body	1.09	(0.81; 1.47)	5.5E-01
cg14295590	<i>TNRC18</i>	chr7	Body	1.11	(0.78; 1.59)	5.5E-01
cg23799943	<i>CUX2</i>	chr12	Body	1.12	(0.77; 1.65)	5.5E-01
cg22289432	<i>PTPRN2</i>	chr7	Body	1.1	(0.8; 1.53)	5.5E-01
cg16080620	<i>CDH13</i>	chr16	Body	0.9	(0.65; 1.26)	5.5E-01
cg05101821	<i>PTPRN2</i>	chr7	Body	0.9	(0.65; 1.26)	5.5E-01
cg02544392	<i>SUGCT</i>	chr7	Body	0.9	(0.64; 1.27)	5.5E-01
cg01388620	<i>PTPRN2</i>	chr7	Body	0.9	(0.64; 1.26)	5.5E-01
cg14091258	<i>PTPRN2</i>	chr7	Body	1.11	(0.79; 1.55)	5.5E-01
cg05874166	<i>PTPRN2</i>	chr7	Body	0.91	(0.67; 1.24)	5.5E-01
cg15315656	<i>MTCL1</i>	chr18	Body	1.09	(0.82; 1.44)	5.5E-01
cg10995873	<i>ZBTB20</i>	chr3	5'UTR	0.89	(0.62; 1.29)	5.5E-01
cg10995873	<i>ZBTB20</i>	chr3	TSS200	0.89	(0.62; 1.29)	5.5E-01
cg23168425	<i>PTPRN2</i>	chr7	Body	0.91	(0.67; 1.23)	5.5E-01
cg01957318	<i>WWOX</i>	chr16	Body	1.11	(0.79; 1.56)	5.5E-01
cg17809181	<i>PTPRN2</i>	chr7	Body	1.12	(0.77; 1.65)	5.5E-01
cg24351167	<i>PHACTR1</i>	chr6	Body	1.11	(0.79; 1.55)	5.5E-01
cg22445008	<i>TNFRSF19</i>	chr13	5'UTR	0.9	(0.65; 1.26)	5.5E-01
cg22445008	<i>TNFRSF19</i>	chr13	Body	0.9	(0.65; 1.26)	5.5E-01
cg20381140	<i>CHCHD6</i>	chr3	Body	1.11	(0.79; 1.57)	5.5E-01

cg08454485	ALCAM	chr3	5'UTR	0.89	(0.6; 1.31)	5.5E-01
cg08454485	ALCAM	chr3	1stExon	0.89	(0.6; 1.31)	5.5E-01
cg12545993	TNFRSF11B	chr8	TSS1500	0.9	(0.64; 1.26)	5.5E-01
cg27057461	PTPRN2	chr7	Body	1.12	(0.78; 1.59)	5.5E-01
cg24430782	CACNA1C	chr12	Body	0.88	(0.58; 1.33)	5.5E-01
cg21944557	CEP350	chr1	TSS200	1.13	(0.76; 1.69)	5.5E-01
cg22097004	WWOX	chr16	Body	1.1	(0.81; 1.5)	5.5E-01
cg20062057	NRXN1	chr2	Body	1.11	(0.79; 1.56)	5.5E-01
cg22515654	PEX14	chr1	Body	0.86	(0.52; 1.42)	5.5E-01
cg22856646	CDH13	chr16	Body	0.88	(0.57; 1.34)	5.5E-01
cg04907505	RAP1B	chr12	TSS1500	1.11	(0.79; 1.57)	5.5E-01
cg20536469	NRXN1	chr2	Body	1.11	(0.79; 1.55)	5.5E-01
cg15524101	RTN4RL1	chr17	3'UTR	1.1	(0.8; 1.53)	5.5E-01
cg12179635	TNR	chr1	5'UTR	1.1	(0.8; 1.5)	5.5E-01
cg11400774	MEX3A	chr1	Body	0.88	(0.58; 1.34)	5.5E-01
cg16484093	RTN4RL1	chr17	Body	0.84	(0.48; 1.47)	5.5E-01
cg04114386	ATP8A1	chr4	Body	1.11	(0.79; 1.54)	5.5E-01
cg26832509	CHFR	chr12	TSS1500	1.1	(0.81; 1.48)	5.5E-01
cg09465362	PTPRN2	chr7	Body	0.89	(0.62; 1.3)	5.5E-01
cg19350216	PTPRN2	chr7	Body	0.9	(0.63; 1.28)	5.5E-01
cg02597575	RTN4RL1	chr17	Body	0.9	(0.65; 1.26)	5.5E-01
cg19945202	CACNA1C	chr12	Body	0.91	(0.67; 1.24)	5.5E-01
cg23602909	PTPRN2	chr7	Body	0.92	(0.69; 1.22)	5.5E-01
cg27583677	RNU5E-1	chr5	Body	1.1	(0.8; 1.51)	5.5E-01
cg23234498	ELAVL4	chr1	TSS1500	0.89	(0.6; 1.32)	5.5E-01
cg23234498	ELAVL4	chr1	Body	0.89	(0.6; 1.32)	5.5E-01
cg17314538	MTNR1A	chr4	TSS1500	0.88	(0.57; 1.35)	5.5E-01
cg14340196	COL1A2	chr7	Body	0.91	(0.66; 1.25)	5.5E-01
cg13372934	WWOX	chr16	Body	1.18	(0.69; 2.02)	5.5E-01
cg15110800	CSMD2	chr1	Body	1.11	(0.78; 1.58)	5.5E-01
cg10178127	ZBTB20	chr3	5'UTR	1.14	(0.74; 1.77)	5.5E-01
cg15539697	ELAVL4	chr1	TSS1500	1.11	(0.79; 1.54)	5.5E-01
cg11161111	PTPRN2	chr7	Body	0.91	(0.66; 1.25)	5.5E-01
cg00718355	CTDSPL	chr3	Body	1.15	(0.73; 1.82)	5.5E-01
cg10580397	UBE2E2	chr3	Body	0.88	(0.58; 1.34)	5.5E-01
cg06324554	PTPRN2	chr7	Body	1.09	(0.82; 1.46)	5.5E-01
cg05878337	CTNND2	chr5	Body	0.88	(0.56; 1.36)	5.5E-01
cg23328938	TNRC6B	chr22	5'UTR	1.15	(0.73; 1.82)	5.5E-01
cg20664017	FBXO34	chr14	1stExon	1.09	(0.82; 1.46)	5.5E-01
cg20664017	FBXO34	chr14	5'UTR	1.09	(0.82; 1.46)	5.5E-01
cg24844694	MEIS2	chr15	Body	1.12	(0.77; 1.64)	5.5E-01
cg11991903	PTPRN2	chr7	Body	0.92	(0.68; 1.23)	5.5E-01
cg27118178	NOL4L	chr20	Body	0.89	(0.62; 1.3)	5.5E-01
cg20941737	ZBTB20	chr3	5'UTR	1.13	(0.76; 1.69)	5.5E-01
cg20941737	ZBTB20	chr3	1stExon	1.13	(0.76; 1.69)	5.5E-01
cg24042017	WWOX	chr16	Body	1.11	(0.79; 1.56)	5.5E-01
cg25463381	CHFR	chr12	TSS200	0.91	(0.66; 1.25)	5.5E-01
cg02685365	CACNA1C	chr12	Body	0.9	(0.62; 1.29)	5.5E-01
cg23937224	CUX2	chr12	Body	0.9	(0.64; 1.27)	5.5E-01
cg08336070	FBXO38	chr5	TSS200	0.91	(0.65; 1.26)	5.6E-01
ch.11.1111744F	ZFP91	chr11	Body	0.91	(0.67; 1.24)	5.6E-01
cg16908223	PTPRU	chr1	Body	0.83	(0.44; 1.55)	5.6E-01
cg17530002	PTPRN2	chr7	Body	1.11	(0.78; 1.58)	5.6E-01
cg06480636	PTPRN2	chr7	Body	0.9	(0.65; 1.26)	5.6E-01
cg25891212	PTPRN2	chr7	Body	0.91	(0.67; 1.24)	5.6E-01
cg13607161	CTNND2	chr5	Body	0.89	(0.61; 1.3)	5.6E-01
cg20289609	MEX3A	chr1	TSS200	1.1	(0.8; 1.5)	5.6E-01
cg03721291	RECQL5	chr17	Body	0.82	(0.43; 1.57)	5.6E-01
cg26561623	RECQL5	chr17	1stExon	1.1	(0.79; 1.53)	5.6E-01
cg26561623	RECQL5	chr17	5'UTR	1.1	(0.79; 1.53)	5.6E-01
cg26676413	TAOK3	chr12	Body	0.86	(0.53; 1.41)	5.6E-01

cg16245240	CACNA1C	chr12	Body	0.91	(0.66; 1.26)	5.6E-01
cg09466698	WWOX	chr16	Body	1.09	(0.82; 1.46)	5.6E-01
cg22249754	TNRC18	chr7	Body	1.1	(0.8; 1.51)	5.6E-01
cg17749072	WAC	chr10	TSS200	0.92	(0.68; 1.23)	5.6E-01
cg17749072	WAC	chr10	Body	0.92	(0.68; 1.23)	5.6E-01
cg14637685	CACNA1C	chr12	Body	1.11	(0.78; 1.57)	5.6E-01
cg21800127	TNRC6B	chr22	5'UTR	1.11	(0.78; 1.59)	5.6E-01
cg08977371	CDH13	chr16	TSS200	1.15	(0.73; 1.8)	5.6E-01
cg13132219	CDH11	chr16	Body	0.91	(0.66; 1.25)	5.6E-01
cg13867915	ARID1A	chr1	Body	1.13	(0.74; 1.73)	5.6E-01
cg26396535	MEX3A	chr1	Body	1.1	(0.8; 1.5)	5.6E-01
cg02865101	PTPRN2	chr7	Body	0.91	(0.67; 1.24)	5.6E-01
cg11642382	CNTNAP2	chr7	TSS1500	0.9	(0.63; 1.28)	5.6E-01
cg11629337	CEP350	chr1	Body	1.12	(0.77; 1.63)	5.6E-01
cg24993062	NOL4L	chr20	Body	1.2	(0.65; 2.23)	5.6E-01
cg04207549	RTN4RL1	chr17	Body	0.88	(0.58; 1.35)	5.6E-01
cg03014997	PTPRN2	chr7	Body	1.11	(0.79; 1.54)	5.6E-01
cg04743758	RTN4RL1	chr17	Body	0.89	(0.61; 1.31)	5.6E-01
cg06050341	FBXO32	chr8	Body	0.88	(0.56; 1.36)	5.6E-01
cg04783764	FBXO36	chr2	Body	0.89	(0.6; 1.32)	5.6E-01
cg05686511	PTPRN2	chr7	Body	0.9	(0.63; 1.28)	5.6E-01
cg03712278	TENM2	chr5	Body	0.91	(0.67; 1.24)	5.6E-01
cg10090116	RECQL5	chr17	Body	0.86	(0.51; 1.44)	5.6E-01
cg26286685	DMXL2	chr15	Body	1.12	(0.77; 1.61)	5.6E-01
cg09518219	TNRC18	chr7	Body	0.91	(0.66; 1.25)	5.6E-01
cg27448110	PTPRN2	chr7	Body	0.87	(0.53; 1.41)	5.6E-01
cg11592503	CNTNAP2	chr7	TSS200	0.88	(0.58; 1.35)	5.6E-01
cg07619953	TNFRSF11A	chr18	TSS1500	0.85	(0.49; 1.47)	5.6E-01
cg04269327	WWOX	chr16	Body	0.9	(0.65; 1.27)	5.6E-01
cg10808406	CTNND2	chr5	Body	1.1	(0.81; 1.49)	5.6E-01
cg18387198	PTPRN2	chr7	Body	0.92	(0.7; 1.21)	5.6E-01
cg06409756	ZBTB20	chr3	Body	0.91	(0.66; 1.25)	5.6E-01
cg06409756	ZBTB20	chr3	5'UTR	0.91	(0.66; 1.25)	5.6E-01
cg11409060	ATF7IP	chr12	TSS200	1.13	(0.74; 1.73)	5.6E-01
cg04232181	CDH13	chr16	Body	1.11	(0.78; 1.57)	5.6E-01
cg21748317	PTPRN2	chr7	Body	0.92	(0.68; 1.23)	5.6E-01
cg17847474	WWOX	chr16	Body	1.25	(0.59; 2.62)	5.6E-01
cg21600678	CTDSPL2	chr15	Body	1.13	(0.74; 1.73)	5.6E-01
cg21600678	CTDSPL2	chr15	ExonBnd	1.13	(0.74; 1.73)	5.6E-01
cg03028536	CUX2	chr12	Body	1.11	(0.77; 1.61)	5.6E-01
cg13691570	PTPRN2	chr7	Body	1.1	(0.8; 1.5)	5.6E-01
cg18032297	BRUNOL4	chr18	Body	0.9	(0.64; 1.27)	5.6E-01
cg17154605	ERI3	chr1	TSS1500	0.88	(0.58; 1.35)	5.6E-01
cg25310676	PEX14	chr1	Body	0.85	(0.48; 1.49)	5.6E-01
cg00472324	MEX3A	chr1	TSS1500	0.91	(0.66; 1.25)	5.6E-01
cg00765127	TNFRSF10C	chr8	TSS1500	0.9	(0.64; 1.28)	5.6E-01
cg27329780	CNTNAP2	chr7	Body	1.1	(0.8; 1.52)	5.6E-01
cg14571092	RTN4RL1	chr17	Body	0.9	(0.63; 1.29)	5.6E-01
cg07207813	WWOX	chr16	Body	0.88	(0.57; 1.36)	5.6E-01
cg07912513	WAC	chr10	Body	0.86	(0.51; 1.45)	5.6E-01
cg15080590	PTPRN2	chr7	Body	0.91	(0.65; 1.26)	5.6E-01
cg08846221	PEX14	chr1	Body	1.09	(0.82; 1.44)	5.6E-01
cg13457415	PTPRN2	chr7	Body	0.88	(0.57; 1.35)	5.6E-01
cg00703299	FBXO34	chr14	5'UTR	1.16	(0.7; 1.92)	5.6E-01
cg24459140	PTPRS	chr19	Body	1.11	(0.77; 1.61)	5.6E-01
cg09714852	PTPRN2	chr7	Body	0.9	(0.62; 1.3)	5.6E-01
cg25906096	ZBTB20	chr3	TSS1500	0.9	(0.62; 1.3)	5.6E-01
cg25906096	ZBTB20	chr3	Body	0.9	(0.62; 1.3)	5.6E-01
cg25906096	ZBTB20	chr3	5'UTR	0.9	(0.62; 1.3)	5.6E-01
cg00442814	ZNF704	chr8	5'UTR	0.9	(0.63; 1.28)	5.6E-01
cg12245245	TAOK3	chr12	Body	0.92	(0.68; 1.23)	5.6E-01

cg26219497	AKAP13	chr15	Body	1.11	(0.78; 1.57)	5.6E-01
cg13150854	CSMD2	chr1	Body	1.2	(0.65; 2.23)	5.6E-01
cg14918650	COL1A2	chr7	Body	0.91	(0.65; 1.27)	5.6E-01
cg27324826	NOL4	chr18	Body	1.1	(0.79; 1.55)	5.7E-01
cg04757389	PTPRS	chr19	Body	1.09	(0.81; 1.49)	5.7E-01
cg06892332	PTPRN2	chr7	Body	1.12	(0.76; 1.64)	5.7E-01
cg27029144	CSMD2	chr1	ExonBnd	0.87	(0.55; 1.39)	5.7E-01
cg27029144	CSMD2	chr1	Body	0.87	(0.55; 1.39)	5.7E-01
cg08747377	CDH13	chr16	1stExon	0.87	(0.55; 1.38)	5.7E-01
cg08747377	CDH13	chr16	5'UTR	0.87	(0.55; 1.38)	5.7E-01
cg00015791	NOL4	chr18	5'UTR	0.89	(0.59; 1.34)	5.7E-01
cg00015791	NOL4	chr18	Body	0.89	(0.59; 1.34)	5.7E-01
cg00015791	NOL4	chr18	1stExon	0.89	(0.59; 1.34)	5.7E-01
cg08742262	PTPRN2	chr7	Body	1.1	(0.8; 1.49)	5.7E-01
cg06225605	CNTNAP2	chr7	Body	1.1	(0.8; 1.52)	5.7E-01
cg08685426	AKAP13	chr15	Body	0.88	(0.57; 1.37)	5.7E-01
cg07350262	AKAP13	chr15	Body	1.15	(0.72; 1.84)	5.7E-01
cg17128505	PTPRN2	chr7	Body	1.12	(0.77; 1.63)	5.7E-01
cg27032636	PTPRN2	chr7	Body	0.91	(0.65; 1.26)	5.7E-01
cg18750645	CHD6	chr20	Body	1.09	(0.81; 1.48)	5.7E-01
cg24500428	PTPRN2	chr7	Body	1.09	(0.81; 1.48)	5.7E-01
cg00381086	WAC	chr10	Body	1.1	(0.8; 1.5)	5.7E-01
cg00381086	WAC	chr10	5'UTR	1.1	(0.8; 1.5)	5.7E-01
cg09704544	PDE8A	chr15	Body	1.22	(0.62; 2.41)	5.7E-01
cg11908041	PHACTR1	chr6	Body	1.13	(0.74; 1.72)	5.7E-01
cg27139244	SGIP1	chr1	Body	0.9	(0.64; 1.28)	5.7E-01
cg21142977	CEP350	chr1	5'UTR	1.09	(0.82; 1.45)	5.7E-01
cg12323477	WWOX	chr16	Body	0.92	(0.69; 1.22)	5.7E-01
cg05876425	PTPRN2	chr7	Body	1.09	(0.8; 1.49)	5.7E-01
cg26738655	CHD6	chr20	5'UTR	1.09	(0.81; 1.46)	5.7E-01
cg03568556	PTPRS	chr19	5'UTR	1.09	(0.81; 1.47)	5.7E-01
cg16253326	CHCHD6	chr3	Body	1.13	(0.75; 1.7)	5.7E-01
cg03722044	CREBBP	chr16	Body	0.91	(0.67; 1.25)	5.7E-01
cg26312950	TNRC18	chr7	Body	0.9	(0.64; 1.28)	5.7E-01
cg16422272	TAOK3	chr12	Body	0.9	(0.64; 1.28)	5.7E-01
cg11801676	TNFRSF1B	chr1	Body	0.89	(0.59; 1.34)	5.7E-01
cg06618322	AKAP13	chr15	TSS200	0.91	(0.67; 1.25)	5.7E-01
cg25366408	ATF7	chr12	3'UTR	1.17	(0.68; 2.01)	5.7E-01
cg25366408	ATF7	chr12	Body	1.17	(0.68; 2.01)	5.7E-01
cg27273791	ZBTB20	chr3	Body	1.11	(0.77; 1.61)	5.7E-01
cg27273791	ZBTB20	chr3	5'UTR	1.11	(0.77; 1.61)	5.7E-01
cg20882260	CACNA1C	chr12	Body	1.15	(0.71; 1.88)	5.7E-01
cg23983635	PTPRN2	chr7	Body	1.09	(0.82; 1.45)	5.7E-01
cg01858550	FBXO31	chr16	Body	1.11	(0.77; 1.6)	5.7E-01
cg01858550	FBXO31	chr16	5'UTR	1.11	(0.77; 1.6)	5.7E-01
cg22804770	CACNA1C	chr12	Body	1.13	(0.73; 1.75)	5.7E-01
cg04066596	FBXO36	chr2	Body	0.8	(0.37; 1.72)	5.7E-01
cg05161295	TNRC18	chr7	ExonBnd	1.11	(0.78; 1.58)	5.7E-01
cg05161295	TNRC18	chr7	Body	1.11	(0.78; 1.58)	5.7E-01
cg14423557	BRUNOL4	chr18	TSS200	0.89	(0.6; 1.33)	5.7E-01
cg22821606	C11orf67	chr11	TSS200	1.09	(0.81; 1.48)	5.7E-01
cg10752869	MEIS2	chr15	5'UTR	0.91	(0.64; 1.28)	5.7E-01
cg10752869	MEIS2	chr15	1stExon	0.91	(0.64; 1.28)	5.7E-01
cg10752869	MEIS2	chr15	Body	0.91	(0.64; 1.28)	5.7E-01
cg10752869	MEIS2	chr15	TSS1500	0.91	(0.64; 1.28)	5.7E-01
cg08992565	ACVR2A	chr2	5'UTR	1.15	(0.7; 1.89)	5.7E-01
cg08992565	ACVR2A	chr2	Body	1.15	(0.7; 1.89)	5.7E-01
cg08575843	FBXO38	chr5	5'UTR	0.89	(0.6; 1.33)	5.7E-01
cg08575843	FBXO38	chr5	ExonBnd	0.89	(0.6; 1.33)	5.7E-01
cg04391547	UNC80	chr2	Body	0.92	(0.67; 1.24)	5.7E-01
cg02244269	ATP6V0C	chr16	1stExon	0.91	(0.67; 1.25)	5.7E-01

cg02244269	ATP6V0C	chr16	5'UTR	0.91	(0.67; 1.25)	5.7E-01
cg07105285	MTNR1B	chr11	TSS200	1.13	(0.74; 1.74)	5.7E-01
cg03100853	TNFRSF19	chr13	TSS1500	0.88	(0.57; 1.36)	5.7E-01
cg20296624	WVOX	chr16	Body	1.1	(0.8; 1.5)	5.7E-01
cg03216739	WVOX	chr16	Body	0.9	(0.63; 1.28)	5.7E-01
cg19410816	PTPRN2	chr7	Body	0.88	(0.58; 1.36)	5.7E-01
cg21533743	FBXO31	chr16	Body	0.92	(0.68; 1.24)	5.7E-01
cg21533743	FBXO31	chr16	5'UTR	0.92	(0.68; 1.24)	5.7E-01
cg22715764	PEX14	chr1	Body	1.12	(0.76; 1.63)	5.7E-01
cg15557906	AKAP13	chr15	Body	1.1	(0.79; 1.52)	5.7E-01
cg00160464	TENM2	chr5	Body	1.1	(0.78; 1.56)	5.7E-01
cg02958960	TNRC6C	chr17	Body	0.9	(0.62; 1.3)	5.7E-01
cg19927214	PTPRN2	chr7	Body	1.09	(0.8; 1.48)	5.7E-01
cg11950360	BRUNOL4	chr18	Body	1.1	(0.79; 1.55)	5.7E-01
cg00048983	TNRC6B	chr22	5'UTR	1.19	(0.65; 2.16)	5.7E-01
cg26665209	CHFR	chr12	Body	1.1	(0.79; 1.54)	5.7E-01
cg07881041	PTPRS	chr19	Body	0.91	(0.65; 1.27)	5.7E-01
cg16437731	ZFP91	chr11	Body	1.12	(0.75; 1.69)	5.7E-01
cg14009561	TNFRSF1A	chr12	Body	0.91	(0.66; 1.26)	5.7E-01
cg25220645	TNR	chr1	5'UTR	1.11	(0.78; 1.58)	5.7E-01
cg16938246	CACNA1C	chr12	Body	0.91	(0.67; 1.25)	5.7E-01
cg08578996	RNU5E-1	chr5	Body	0.89	(0.6; 1.32)	5.7E-01
cg06857898	CUX2	chr12	Body	1.13	(0.73; 1.75)	5.7E-01
cg09325373	PTPRU	chr1	Body	1.13	(0.74; 1.73)	5.7E-01
cg03692305	ZBTB20	chr3	5'UTR	0.92	(0.67; 1.25)	5.7E-01
cg05291207	NOL4	chr18	Body	0.89	(0.6; 1.33)	5.7E-01
cg20574732	PTPRN2	chr7	Body	0.91	(0.65; 1.27)	5.7E-01
cg02098482	GNA12	chr7	Body	1.1	(0.79; 1.54)	5.7E-01
cg04036430	CDH11	chr16	Body	0.91	(0.65; 1.27)	5.7E-01
cg16711733	PTPRN2	chr7	Body	0.91	(0.67; 1.25)	5.7E-01
cg05901917	PTPRN2	chr7	Body	1.09	(0.8; 1.49)	5.7E-01
cg24394344	ORC4	chr2	Body	0.88	(0.57; 1.37)	5.8E-01
cg00267416	WVOX	chr16	Body	1.1	(0.78; 1.56)	5.8E-01
cg02045011	PTPRN2	chr7	Body	1.09	(0.81; 1.46)	5.8E-01
cg07207484	PTPRN2	chr7	Body	0.92	(0.7; 1.22)	5.8E-01
cg16431722	SCAF8	chr6	Body	1.09	(0.8; 1.5)	5.8E-01
cg27019257	CSMD2	chr1	TSS1500	1.1	(0.79; 1.53)	5.8E-01
cg13058240	NOL4L	chr20	Body	1.09	(0.81; 1.45)	5.8E-01
cg02367767	PTPRN2	chr7	Body	1.09	(0.8; 1.48)	5.8E-01
cg20764753	PTPRN2	chr7	Body	1.11	(0.78; 1.58)	5.8E-01
cg19693191	ERI3	chr1	Body	0.74	(0.26; 2.13)	5.8E-01
cg17172331	TNRC6C	chr17	Body	1.12	(0.75; 1.68)	5.8E-01
cg12438819	PTPRN2	chr7	Body	0.91	(0.67; 1.25)	5.8E-01
cg26487908	PTPRU	chr1	Body	0.89	(0.6; 1.32)	5.8E-01
cg04857420	TNFRSF11B	chr8	TSS1500	1.11	(0.77; 1.61)	5.8E-01
cg03227481	SLC16A9	chr10	3'UTR	0.9	(0.62; 1.3)	5.8E-01
cg11239633	CTDSPL	chr3	1stExon	1.1	(0.79; 1.54)	5.8E-01
cg11239633	CTDSPL	chr3	5'UTR	1.1	(0.79; 1.54)	5.8E-01
cg10827472	UBE2E2	chr3	TSS200	0.91	(0.66; 1.26)	5.8E-01
cg05191397	TNRC18	chr7	Body	0.92	(0.69; 1.23)	5.8E-01
ch.7.141697R	GNA12	chr7	Body	1.1	(0.79; 1.54)	5.8E-01
cg15778454	RECQL5	chr17	TSS1500	1.1	(0.78; 1.55)	5.8E-01
cg00930246	DCUN1D4	chr4	3'UTR	1.09	(0.81; 1.45)	5.8E-01
cg19053250	UNC80	chr2	Body	0.9	(0.61; 1.31)	5.8E-01
ch.11.1112034R	ZFP91	chr11	3'UTR	1.1	(0.79; 1.52)	5.8E-01
cg11970327	SUGCT	chr7	Body	0.89	(0.58; 1.36)	5.8E-01
cg02109003	CDH13	chr16	Body	0.92	(0.67; 1.25)	5.8E-01
cg12986271	TSHZ3	chr19	TSS1500	0.9	(0.61; 1.31)	5.8E-01
cg21233506	ACVR2A	chr2	Body	0.9	(0.62; 1.31)	5.8E-01
cg14358376	ZNF704	chr8	5'UTR	1.09	(0.8; 1.49)	5.8E-01
cg14358376	ZNF704	chr8	1stExon	1.09	(0.8; 1.49)	5.8E-01

cg19137098	CHFR	chr12	5'UTR	1.1	(0.79; 1.53)	5.8E-01
cg08678311	PHACTR1	chr6	Body	0.86	(0.52; 1.44)	5.8E-01
cg27565880	RTN4RL1	chr17	1stExon	0.87	(0.54; 1.41)	5.8E-01
cg27565880	RTN4RL1	chr17	5'UTR	0.87	(0.54; 1.41)	5.8E-01
cg19416470	MEIS2	chr15	5'UTR	1.1	(0.79; 1.53)	5.8E-01
cg19416470	MEIS2	chr15	TSS1500	1.1	(0.79; 1.53)	5.8E-01
cg18379332	WWOX	chr16	Body	0.92	(0.68; 1.24)	5.8E-01
cg03417903	LOC101929698	chr20	Body	1.11	(0.77; 1.58)	5.8E-01
cg03417903	NOL4L	chr20	Body	1.11	(0.77; 1.58)	5.8E-01
cg07931460	TAOK3	chr12	TSS200	1.1	(0.78; 1.55)	5.8E-01
cg01019770	RTN4RL1	chr17	TSS1500	1.21	(0.62; 2.35)	5.8E-01
cg04910677	BARX2	chr11	TSS200	1.1	(0.79; 1.53)	5.8E-01
cg05785919	ZBTB20	chr3	Body	0.88	(0.55; 1.4)	5.8E-01
cg05785919	ZBTB20	chr3	5'UTR	0.88	(0.55; 1.4)	5.8E-01
cg26385612	CACNA1C	chr12	Body	1.12	(0.76; 1.64)	5.8E-01
cg06094325	PTPRN2	chr7	Body	0.92	(0.68; 1.24)	5.8E-01
cg23459010	FBXO38	chr5	TSS1500	0.91	(0.65; 1.27)	5.8E-01
cg07609862	MTNR1B	chr11	1stExon	1.13	(0.74; 1.72)	5.8E-01
cg01973499	NRXN1	chr2	Body	1.09	(0.79; 1.51)	5.8E-01
cg16872357	PTPRN2	chr7	Body	1.1	(0.78; 1.54)	5.8E-01
cg19528789	TNFRSF1B	chr1	Body	1.19	(0.64; 2.21)	5.8E-01
cg11856093	ARID1A	chr1	1stExon	1.09	(0.8; 1.49)	5.8E-01
cg18695665	ATP8A1	chr4	Body	0.9	(0.63; 1.29)	5.8E-01
cg00217442	TNFRSF10D	chr8	TSS1500	0.91	(0.65; 1.27)	5.8E-01
cg19401538	CACNA1C	chr12	Body	0.86	(0.5; 1.47)	5.8E-01
cg22736379	EIF2S1	chr14	Body	0.92	(0.69; 1.23)	5.8E-01
cg22736379	EIF2S1	chr14	ExonBnd	0.92	(0.69; 1.23)	5.8E-01
cg16888818	RECQL5	chr17	Body	1.17	(0.67; 2.04)	5.8E-01
cg21174746	CTNND2	chr5	Body	0.89	(0.6; 1.34)	5.8E-01
cg04910041	TNFRSF10B	chr8	Body	0.86	(0.5; 1.48)	5.8E-01
cg04910041	TNFRSF10B	chr8	3'UTR	0.86	(0.5; 1.48)	5.8E-01
cg27084026	CHFR	chr12	TSS1500	1.09	(0.8; 1.5)	5.8E-01
cg22324022	NRXN1	chr2	TSS200	1.11	(0.76; 1.64)	5.8E-01
cg23223071	PHACTR1	chr6	Body	0.86	(0.5; 1.47)	5.8E-01
cg17978472	ZBTB20	chr3	Body	0.89	(0.6; 1.34)	5.8E-01
cg17978472	ZBTB20	chr3	5'UTR	0.89	(0.6; 1.34)	5.8E-01
cg04008445	ZBTB20	chr3	5'UTR	1.09	(0.8; 1.49)	5.8E-01
cg18446336	GNA12	chr7	Body	0.9	(0.62; 1.3)	5.8E-01
cg22042546	ARID1A	chr1	Body	0.89	(0.57; 1.37)	5.8E-01
cg12877169	MEIS2	chr15	3'UTR	0.88	(0.57; 1.37)	5.8E-01
cg09365094	PTPRN2	chr7	Body	0.89	(0.6; 1.34)	5.8E-01
cg22208022	ATF7IP	chr12	5'UTR	1.19	(0.63; 2.25)	5.8E-01
cg03892569	PHACTR1	chr6	Body	1.11	(0.77; 1.61)	5.8E-01
cg14152468	CACNA1C	chr12	Body	0.91	(0.64; 1.29)	5.8E-01
cg19492446	BRUNOL4	chr18	1stExon	0.88	(0.55; 1.41)	5.8E-01
cg19492446	BRUNOL4	chr18	5'UTR	0.88	(0.55; 1.41)	5.8E-01
cg13102244	PTPRN2	chr7	Body	1.11	(0.76; 1.62)	5.8E-01
cg04787317	CTDSPL	chr3	Body	0.92	(0.67; 1.26)	5.8E-01
cg12850049	CHCHD6	chr3	Body	0.9	(0.61; 1.32)	5.9E-01
cg25513668	WWOX	chr16	TSS1500	1.09	(0.79; 1.51)	5.9E-01
cg11183535	PTPRN2	chr7	Body	1.09	(0.8; 1.49)	5.9E-01
cg12652374	PTPRS	chr19	Body	1.15	(0.7; 1.88)	5.9E-01
cg26771582	FBXO31	chr16	Body	1.11	(0.76; 1.62)	5.9E-01
cg24506197	PTPRN2	chr7	Body	0.91	(0.66; 1.27)	5.9E-01
cg09686185	TNFRSF11B	chr8	TSS200	1.16	(0.68; 2)	5.9E-01
cg15767067	TENM2	chr5	Body	1.13	(0.73; 1.74)	5.9E-01
cg12268285	SUGCT	chr7	Body	0.91	(0.65; 1.28)	5.9E-01
cg17493489	CNTNAP2	chr7	Body	1.14	(0.72; 1.8)	5.9E-01
cg02720761	PTPRN2	chr7	Body	1.09	(0.8; 1.5)	5.9E-01
cg25001924	PTPRN2	chr7	Body	0.91	(0.66; 1.26)	5.9E-01
cg14668632	GNA12	chr7	Body	0.92	(0.67; 1.25)	5.9E-01

cg06337557	<i>MTNR1B</i>	chr11	TSS1500	0.92	(0.68; 1.24)	5.9E-01
cg18476176	<i>CNTF</i>	chr11	3'UTR	0.92	(0.68; 1.24)	5.9E-01
cg00528572	<i>MTNR1B</i>	chr11	Body	1.1	(0.78; 1.56)	5.9E-01
cg19239937	<i>NOL4L</i>	chr20	Body	1.21	(0.61; 2.37)	5.9E-01
cg05115844	<i>CDH13</i>	chr16	5'UTR	0.89	(0.58; 1.37)	5.9E-01
cg05115844	<i>CDH13</i>	chr16	Body	0.89	(0.58; 1.37)	5.9E-01
cg06376522	<i>ZFP91</i>	chr11	1stExon	0.92	(0.68; 1.24)	5.9E-01
cg18833720	<i>TNFRSF1B</i>	chr1	TSS200	1.09	(0.8; 1.49)	5.9E-01
cg13283862	<i>PTPRN2</i>	chr7	Body	0.92	(0.69; 1.23)	5.9E-01
ch.7.1973356R	<i>COL1A2</i>	chr7	Body	1.09	(0.81; 1.46)	5.9E-01
cg21830914	<i>AKAP13</i>	chr15	5'UTR	1.12	(0.74; 1.71)	5.9E-01
cg18694815	<i>RTN4</i>	chr2	TSS1500	0.84	(0.45; 1.57)	5.9E-01
cg22941315	<i>TNR</i>	chr1	5'UTR	0.9	(0.6; 1.34)	5.9E-01
cg05211947	<i>ATP8A1</i>	chr4	Body	1.1	(0.78; 1.55)	5.9E-01
cg17500918	<i>PTPRN2</i>	chr7	Body	1.09	(0.81; 1.46)	5.9E-01
cg08770761	<i>ATP6V0C</i>	chr16	TSS1500	0.9	(0.62; 1.31)	5.9E-01
cg20191365	<i>NOL4</i>	chr18	5'UTR	1.08	(0.82; 1.42)	5.9E-01
cg20191365	<i>NOL4</i>	chr18	Body	1.08	(0.82; 1.42)	5.9E-01
cg17850518	<i>MEIS2</i>	chr15	5'UTR	0.9	(0.62; 1.31)	5.9E-01
cg17850518	<i>MEIS2</i>	chr15	1stExon	0.9	(0.62; 1.31)	5.9E-01
cg17850518	<i>MEIS2</i>	chr15	TSS1500	0.9	(0.62; 1.31)	5.9E-01
cg15440763	<i>PTPRN2</i>	chr7	Body	0.92	(0.68; 1.25)	5.9E-01
cg09027472	<i>PTPRN2</i>	chr7	Body	1.1	(0.79; 1.53)	5.9E-01
cg13937162	<i>PTPRN2</i>	chr7	Body	1.09	(0.8; 1.48)	5.9E-01
cg20193173	<i>SLC16A9</i>	chr10	TSS200	1.09	(0.79; 1.51)	5.9E-01
cg08198677	<i>CTDSPL</i>	chr3	Body	0.91	(0.66; 1.26)	5.9E-01
cg15699231	<i>AKAP13</i>	chr15	5'UTR	1.09	(0.81; 1.46)	5.9E-01
cg02582608	<i>ALCAM</i>	chr3	5'UTR	1.09	(0.8; 1.47)	5.9E-01
cg02582608	<i>ALCAM</i>	chr3	1stExon	1.09	(0.8; 1.47)	5.9E-01
cg23841288	<i>PTPRN2</i>	chr7	Body	1.08	(0.81; 1.45)	5.9E-01
cg09874333	<i>PTPRN2</i>	chr7	Body	1.09	(0.8; 1.49)	5.9E-01
cg01765461	<i>TNFRSF11A</i>	chr18	Body	0.9	(0.62; 1.31)	5.9E-01
cg15337334	<i>CSMD2</i>	chr1	Body	0.91	(0.65; 1.27)	5.9E-01
cg10714075	<i>CACNA1C</i>	chr12	Body	0.91	(0.63; 1.3)	5.9E-01
cg24652817	<i>PTPRN2</i>	chr7	Body	1.09	(0.79; 1.51)	5.9E-01
cg12297625	<i>PTPRN2</i>	chr7	Body	0.92	(0.67; 1.25)	5.9E-01
cg20416574	<i>FBXO11</i>	chr2	5'UTR	1.12	(0.75; 1.67)	5.9E-01
cg00157932	<i>PTPRN2</i>	chr7	Body	0.91	(0.65; 1.27)	5.9E-01
cg19969113	<i>TAOK3</i>	chr12	5'UTR	0.88	(0.55; 1.4)	5.9E-01
cg03760856	<i>TNRC6C</i>	chr17	5'UTR	1.09	(0.79; 1.52)	5.9E-01
cg16293347	<i>TAOK3</i>	chr12	5'UTR	1.13	(0.73; 1.74)	5.9E-01
cg10021276	<i>PTPRN2</i>	chr7	Body	1.08	(0.81; 1.45)	5.9E-01
cg05406774	<i>FBXO31</i>	chr16	Body	1.1	(0.78; 1.54)	5.9E-01
cg24248713	<i>NOL4</i>	chr18	TSS200	0.9	(0.6; 1.34)	5.9E-01
cg26610739	<i>CDH13</i>	chr16	Body	0.92	(0.69; 1.24)	5.9E-01
cg17150496	<i>CHCHD6</i>	chr3	Body	0.89	(0.58; 1.36)	5.9E-01
cg23117592	<i>UNC80</i>	chr2	Body	1.1	(0.77; 1.58)	5.9E-01
cg19434087	<i>PTPRN2</i>	chr7	Body	0.92	(0.67; 1.25)	5.9E-01
cg02921852	<i>PEX14</i>	chr1	Body	1.09	(0.8; 1.48)	5.9E-01
cg05315106	<i>PTPRN2</i>	chr7	Body	0.92	(0.66; 1.26)	5.9E-01
cg15042868	<i>ATP6V0C</i>	chr16	Body	1.1	(0.77; 1.58)	5.9E-01
cg15243366	<i>PTPRN2</i>	chr7	Body	1.09	(0.79; 1.5)	5.9E-01
cg02268137	<i>ATP6V0C</i>	chr16	TSS1500	0.89	(0.58; 1.36)	5.9E-01
cg11966450	<i>TNFRSF11A</i>	chr18	TSS1500	0.9	(0.61; 1.33)	5.9E-01
cg19319735	<i>TNRC18</i>	chr7	TSS200	0.91	(0.66; 1.27)	5.9E-01
cg08128228	<i>POU2F1</i>	chr1	5'UTR	1.1	(0.78; 1.55)	5.9E-01
cg24902435	<i>CACNA1C</i>	chr12	Body	0.9	(0.61; 1.33)	5.9E-01
cg04002822	<i>CACNA1C</i>	chr12	Body	0.91	(0.66; 1.27)	5.9E-01
cg26889948	<i>TNFRSF11B</i>	chr8	Body	1.1	(0.78; 1.56)	5.9E-01
cg07397572	<i>WWOX</i>	chr16	Body	1.13	(0.72; 1.79)	5.9E-01
cg05642515	<i>GNA12</i>	chr7	Body	1.1	(0.77; 1.57)	5.9E-01

cg01460435	<i>PTPRN2</i>	chr7	Body	0.92	(0.66; 1.26)	5.9E-01
cg06518844	<i>NOL4L</i>	chr20	Body	1.1	(0.78; 1.54)	5.9E-01
cg10712687	<i>MTNR1B</i>	chr11	Body	1.09	(0.8; 1.48)	5.9E-01
cg20837354	<i>CACNA1C</i>	chr12	Body	1.09	(0.79; 1.5)	5.9E-01
cg26266431	<i>PTPRN2</i>	chr7	Body	1.08	(0.81; 1.46)	5.9E-01
cg14839830	<i>FBXO38</i>	chr5	5'UTR	1.09	(0.79; 1.51)	5.9E-01
cg09367993	<i>CHCHD6</i>	chr3	Body	1.1	(0.77; 1.59)	5.9E-01
cg19072211	<i>TNRC18</i>	chr7	Body	1.1	(0.78; 1.55)	5.9E-01
cg18066197	<i>CHFR</i>	chr12	3'UTR	0.92	(0.67; 1.26)	5.9E-01
cg13373757	<i>CACNA1C</i>	chr12	Body	1.12	(0.74; 1.68)	5.9E-01
cg06654782	<i>FBXO31</i>	chr16	Body	0.9	(0.6; 1.34)	5.9E-01
cg11510825	<i>CDH11</i>	chr16	5'UTR	0.9	(0.62; 1.32)	5.9E-01
cg26075259	<i>PTPRN2</i>	chr7	Body	1.09	(0.8; 1.49)	5.9E-01
cg01556227	<i>TDRP</i>	chr8	TSS1500	1.09	(0.79; 1.52)	5.9E-01
cg01556227	<i>TDRP</i>	chr8	TSS200	1.09	(0.79; 1.52)	5.9E-01
cg22795123	<i>PTPRN2</i>	chr7	Body	1.08	(0.81; 1.45)	5.9E-01
cg21149967	<i>CTDSP2</i>	chr12	Body	1.1	(0.78; 1.53)	5.9E-01
cg11797430	<i>CACNA1C</i>	chr12	Body	0.88	(0.56; 1.39)	5.9E-01
cg12648261	<i>CSMD2</i>	chr1	Body	0.92	(0.69; 1.24)	5.9E-01
cg13280512	<i>TNRC6C</i>	chr17	TSS200	0.89	(0.59; 1.35)	5.9E-01
cg15152666	<i>PDE8A</i>	chr15	TSS200	0.92	(0.67; 1.26)	5.9E-01
cg01075996	<i>SUGCT</i>	chr7	Body	1.12	(0.73; 1.73)	5.9E-01
cg11171719	<i>CTDSPL</i>	chr3	1stExon	1.1	(0.78; 1.54)	5.9E-01
cg11171719	<i>CTDSPL</i>	chr3	5'UTR	1.1	(0.78; 1.54)	5.9E-01
cg21697198	<i>BARX2</i>	chr11	Body	0.9	(0.6; 1.34)	5.9E-01
cg24524099	<i>PTPRN2</i>	chr7	Body	1.08	(0.82; 1.41)	5.9E-01
cg00136902	<i>TSHZ3</i>	chr19	Body	1.14	(0.71; 1.82)	5.9E-01
cg26670992	<i>ATP8A1</i>	chr4	ExonBnd	0.89	(0.58; 1.36)	5.9E-01
cg26670992	<i>ATP8A1</i>	chr4	Body	0.89	(0.58; 1.36)	5.9E-01
cg25399162	<i>BRUNOL4</i>	chr18	3'UTR	1.1	(0.77; 1.57)	5.9E-01
cg25242769	<i>CSMD2</i>	chr1	Body	1.11	(0.75; 1.64)	6.0E-01
cg14170597	<i>PEX14</i>	chr1	Body	0.91	(0.64; 1.29)	6.0E-01
cg26365813	<i>RTN4RL1</i>	chr17	Body	1.11	(0.75; 1.65)	6.0E-01
cg19685156	<i>CSMD2</i>	chr1	TSS1500	0.89	(0.59; 1.35)	6.0E-01
cg19685156	<i>CSMD2</i>	chr1	TSS200	0.89	(0.59; 1.35)	6.0E-01
cg12896146	<i>MTNR1A</i>	chr4	TSS1500	1.08	(0.81; 1.45)	6.0E-01
cg26711073	<i>CSMD2</i>	chr1	TSS1500	0.92	(0.66; 1.27)	6.0E-01
cg26711073	<i>CSMD2</i>	chr1	TSS200	0.92	(0.66; 1.27)	6.0E-01
cg13333722	<i>CTDSPL</i>	chr3	Body	0.92	(0.67; 1.26)	6.0E-01
cg18816129	<i>MEIS2</i>	chr15	Body	1.1	(0.78; 1.54)	6.0E-01
cg14254396	<i>PTPRS</i>	chr19	5'UTR	0.91	(0.63; 1.31)	6.0E-01
cg02157637	<i>CDH11</i>	chr16	Body	1.08	(0.81; 1.44)	6.0E-01
cg24006939	<i>CDH13</i>	chr16	5'UTR	0.92	(0.68; 1.25)	6.0E-01
cg24006939	<i>CDH13</i>	chr16	Body	0.92	(0.68; 1.25)	6.0E-01
cg06690459	<i>ZBTB20</i>	chr3	Body	1.09	(0.78; 1.53)	6.0E-01
cg26200971	<i>TNRC6C</i>	chr17	Body	1.09	(0.8; 1.47)	6.0E-01
cg15779785	<i>CACNA1C</i>	chr12	Body	0.92	(0.66; 1.27)	6.0E-01
cg11435826	<i>CACNA1C</i>	chr12	Body	1.11	(0.75; 1.66)	6.0E-01
cg05478790	<i>TNRC6C</i>	chr17	3'UTR	0.91	(0.64; 1.3)	6.0E-01
cg19010490	<i>MEIS2</i>	chr15	Body	1.08	(0.81; 1.45)	6.0E-01
cg03601549	<i>WWOX</i>	chr16	Body	1.1	(0.77; 1.56)	6.0E-01
cg17317475	<i>EIF2S1</i>	chr14	5'UTR	1.1	(0.78; 1.55)	6.0E-01
cg09126043	<i>CEP350</i>	chr1	TSS1500	0.91	(0.65; 1.28)	6.0E-01
cg15932065	<i>CNTNAP2</i>	chr7	Body	0.91	(0.64; 1.29)	6.0E-01
cg11461133	<i>GNA12</i>	chr7	TSS200	1.09	(0.78; 1.53)	6.0E-01
cg07279321	<i>PHACTR1</i>	chr6	TSS200	0.91	(0.63; 1.31)	6.0E-01
cg14168080	<i>PTPRN2</i>	chr7	Body	1.09	(0.8; 1.47)	6.0E-01
cg08116832	<i>CDH13</i>	chr16	Body	1.11	(0.74; 1.67)	6.0E-01
cg00305071	<i>CSMD2</i>	chr1	Body	1.09	(0.79; 1.5)	6.0E-01
cg07979652	<i>PTPRN2</i>	chr7	Body	1.1	(0.77; 1.58)	6.0E-01
cg26743518	<i>RNU5E-1</i>	chr5	Body	1.1	(0.77; 1.59)	6.0E-01

cg20391873	<i>SRSF10</i>	chr1	Body	1.09	(0.8; 1.48)	6.0E-01
cg20391873	<i>SRSF10</i>	chr1	5'UTR	1.09	(0.8; 1.48)	6.0E-01
cg20391873	<i>SRSF10</i>	chr1	1stExon	1.09	(0.8; 1.48)	6.0E-01
cg18533833	<i>CHFR</i>	chr12	TSS1500	1.09	(0.79; 1.49)	6.0E-01
cg03105520	<i>ZBTB20</i>	chr3	Body	0.92	(0.68; 1.26)	6.0E-01
cg13589913	<i>FBXO31</i>	chr16	Body	0.93	(0.69; 1.24)	6.0E-01
cg02086580	<i>CHFR</i>	chr12	Body	1.09	(0.78; 1.54)	6.0E-01
cg16936823	<i>CDH13</i>	chr16	Body	1.1	(0.78; 1.54)	6.0E-01
cg13401235	<i>PHACTR1</i>	chr6	Body	0.9	(0.6; 1.34)	6.0E-01
cg12967902	<i>PTPRN2</i>	chr7	Body	0.9	(0.61; 1.33)	6.0E-01
cg07666246	<i>PTPRN2</i>	chr7	Body	0.91	(0.65; 1.28)	6.0E-01
cg03892601	<i>CNTNAP2</i>	chr7	Body	1.08	(0.8; 1.45)	6.0E-01
cg20025824	<i>TNRC18</i>	chr7	Body	1.08	(0.8; 1.46)	6.0E-01
cg00906838	<i>CSMD2</i>	chr1	Body	1.11	(0.74; 1.68)	6.0E-01
cg19954255	<i>CSMD2</i>	chr1	Body	1.11	(0.75; 1.66)	6.0E-01
cg03444934	<i>CDH13</i>	chr16	Body	1.08	(0.81; 1.45)	6.0E-01
cg14931071	<i>PHACTR1</i>	chr6	TSS200	1.08	(0.8; 1.47)	6.0E-01
cg23868899	<i>FBXO32</i>	chr8	TSS200	1.08	(0.81; 1.45)	6.0E-01
cg10982824	<i>RTN4RL1</i>	chr17	Body	0.91	(0.64; 1.29)	6.0E-01
cg03103322	<i>AKAP13</i>	chr15	5'UTR	1.09	(0.78; 1.52)	6.0E-01
cg00887547	<i>TAOK3</i>	chr12	TSS1500	0.93	(0.69; 1.24)	6.0E-01
cg25535592	<i>AKAP13</i>	chr15	Body	0.92	(0.69; 1.24)	6.0E-01
cg22557207	<i>ALCAM</i>	chr3	Body	1.11	(0.76; 1.61)	6.0E-01
cg11025065	<i>TNRC6B</i>	chr22	Body	0.91	(0.63; 1.31)	6.0E-01
cg23273041	<i>NRXN1</i>	chr2	TSS1500	0.91	(0.65; 1.29)	6.0E-01
cg11682700	<i>ZBTB20</i>	chr3	Body	0.92	(0.68; 1.25)	6.0E-01
cg11682700	<i>ZBTB20</i>	chr3	1stExon	0.92	(0.68; 1.25)	6.0E-01
cg11682700	<i>ZBTB20</i>	chr3	5'UTR	0.92	(0.68; 1.25)	6.0E-01
cg11186233	<i>AKAP13</i>	chr15	5'UTR	1.1	(0.77; 1.58)	6.1E-01
cg04983128	<i>PEX14</i>	chr1	Body	1.09	(0.79; 1.49)	6.1E-01
cg04487038	<i>WWOX</i>	chr16	Body	1.09	(0.79; 1.5)	6.1E-01
cg11227520	<i>PTPRN2</i>	chr7	3'UTR	0.92	(0.67; 1.26)	6.1E-01
cg02957771	<i>FBXO31</i>	chr16	Body	0.91	(0.64; 1.29)	6.1E-01
cg02264057	<i>SUGCT</i>	chr7	Body	1.11	(0.75; 1.64)	6.1E-01
cg26609691	<i>CHFR</i>	chr12	Body	0.92	(0.67; 1.26)	6.1E-01
cg15129971	<i>CTNND2</i>	chr5	Body	0.9	(0.6; 1.34)	6.1E-01
cg00751730	<i>PTPRN2</i>	chr7	Body	1.09	(0.79; 1.51)	6.1E-01
cg15022739	<i>BRUNOL4</i>	chr18	3'UTR	0.9	(0.6; 1.34)	6.1E-01
cg02482968	<i>AKAP13</i>	chr15	5'UTR	1.09	(0.78; 1.55)	6.1E-01
cg02674114	<i>ERI3</i>	chr1	TSS1500	0.93	(0.7; 1.23)	6.1E-01
cg04662039	<i>PTPRN2</i>	chr7	Body	0.92	(0.65; 1.28)	6.1E-01
cg10954931	<i>WAC</i>	chr10	Body	1.11	(0.74; 1.66)	6.1E-01
cg21706794	<i>AKAP13</i>	chr15	Body	1.18	(0.63; 2.23)	6.1E-01
cg00013809	<i>PTPRN2</i>	chr7	Body	0.92	(0.68; 1.25)	6.1E-01
cg03480435	<i>CSMD2</i>	chr1	Body	0.92	(0.67; 1.26)	6.1E-01
cg13525062	<i>PTPRN2</i>	chr7	Body	1.1	(0.77; 1.55)	6.1E-01
cg04917686	<i>ZBTB20</i>	chr3	TSS1500	1.08	(0.8; 1.46)	6.1E-01
cg11331344	<i>RECQL5</i>	chr17	Body	0.89	(0.58; 1.38)	6.1E-01
cg24000316	<i>CHFR</i>	chr12	Body	1.09	(0.79; 1.51)	6.1E-01
cg00463844	<i>PDE8A</i>	chr15	5'UTR	1.31	(0.47; 3.65)	6.1E-01
cg00463844	<i>PDE8A</i>	chr15	Body	1.31	(0.47; 3.65)	6.1E-01
cg19550490	<i>PTPRN2</i>	chr7	Body	0.9	(0.61; 1.33)	6.1E-01
cg19807706	<i>CSMD2</i>	chr1	Body	1.08	(0.79; 1.48)	6.1E-01
cg12822074	<i>RTN4RL2</i>	chr11	Body	0.92	(0.68; 1.26)	6.1E-01
cg09222287	<i>ALCAM</i>	chr3	TSS1500	0.93	(0.7; 1.24)	6.1E-01
cg09827826	<i>PTPRN2</i>	chr7	Body	1.08	(0.81; 1.45)	6.1E-01
cg03186058	<i>ERI3</i>	chr1	Body	1.09	(0.79; 1.51)	6.1E-01
cg03186058	<i>ERI3</i>	chr1	5'UTR	1.09	(0.79; 1.51)	6.1E-01
cg22019065	<i>UNC80</i>	chr2	Body	0.91	(0.65; 1.29)	6.1E-01
cg18764007	<i>ZFP91</i>	chr11	Body	0.91	(0.63; 1.31)	6.1E-01
cg22395765	<i>PTPRN2</i>	chr7	Body	1.15	(0.68; 1.93)	6.1E-01

cg19616316	<i>CTNND2</i>	chr5	Body	1.09	(0.79; 1.51)	6.1E-01
cg04883944	<i>AKAP13</i>	chr15	Body	0.91	(0.64; 1.29)	6.1E-01
cg02973961	<i>CDH11</i>	chr16	5'UTR	1.09	(0.78; 1.52)	6.1E-01
cg23268879	<i>TNRC18</i>	chr7	Body	1.09	(0.79; 1.49)	6.1E-01
cg16646459	<i>CUX2</i>	chr12	Body	1.12	(0.73; 1.72)	6.1E-01
cg08788291	<i>RECQL5</i>	chr17	Body	0.91	(0.62; 1.33)	6.1E-01
cg16038616	<i>WWOX</i>	chr16	Body	1.1	(0.75; 1.62)	6.1E-01
cg05649108	<i>BRUNOL4</i>	chr18	Body	0.92	(0.65; 1.28)	6.1E-01
cg09740815	<i>CREBBP</i>	chr16	Body	1.09	(0.79; 1.49)	6.1E-01
cg09171093	<i>SGIP1</i>	chr1	Body	1.09	(0.78; 1.54)	6.1E-01
cg07833128	<i>TSHZ3</i>	chr19	Body	1.13	(0.7; 1.84)	6.1E-01
cg16705205	<i>BRUNOL4</i>	chr18	Body	0.91	(0.63; 1.31)	6.1E-01
cg13263093	<i>PHACTR1</i>	chr6	Body	1.08	(0.81; 1.43)	6.1E-01
cg14412317	<i>PTPRN2</i>	chr7	TSS200	0.92	(0.67; 1.27)	6.1E-01
cg20705566	<i>DCUN1D4</i>	chr4	1stExon	1.1	(0.77; 1.58)	6.1E-01
cg20705566	<i>DCUN1D4</i>	chr4	5'UTR	1.1	(0.77; 1.58)	6.1E-01
cg08466256	<i>COL5A2</i>	chr2	Body	1.13	(0.71; 1.81)	6.1E-01
cg01077450	<i>CTNND2</i>	chr5	Body	1.13	(0.7; 1.84)	6.1E-01
cg14779017	<i>ZNF704</i>	chr8	Body	0.9	(0.61; 1.33)	6.1E-01
cg15356885	<i>TXNDC9</i>	chr2	TSS1500	0.92	(0.68; 1.25)	6.1E-01
cg03048087	<i>LOC101928417</i>	chr16	Body	0.92	(0.67; 1.27)	6.1E-01
cg03048087	<i>CDH13</i>	chr16	5'UTR	0.92	(0.67; 1.27)	6.1E-01
cg03048087	<i>CDH13</i>	chr16	Body	0.92	(0.67; 1.27)	6.1E-01
cg23381598	<i>RTN4R</i>	chr22	TSS1500	1.11	(0.74; 1.66)	6.1E-01
cg05034068	<i>RNU5E-1</i>	chr5	Body	1.14	(0.69; 1.89)	6.1E-01
cg15729307	<i>BRUNOL4</i>	chr18	Body	1.13	(0.7; 1.81)	6.1E-01
cg22783363	<i>TNFRSF10D</i>	chr8	TSS200	1.09	(0.78; 1.52)	6.1E-01
cg06593940	<i>PTPRN2</i>	chr7	Body	0.93	(0.7; 1.24)	6.1E-01
cg06621425	<i>PTPRN2</i>	chr7	Body	0.92	(0.68; 1.25)	6.1E-01
cg10784597	<i>NOL4</i>	chr18	Body	1.08	(0.8; 1.47)	6.1E-01
cg17692242	<i>SGIP1</i>	chr1	TSS1500	1.08	(0.8; 1.47)	6.1E-01
cg12566378	<i>NRXN1</i>	chr2	Body	1.09	(0.78; 1.52)	6.1E-01
cg13334304	<i>UBE2E2</i>	chr3	3'UTR	1.09	(0.78; 1.52)	6.1E-01
cg07259683	<i>MEIS2</i>	chr15	Body	0.91	(0.63; 1.32)	6.1E-01
cg25663171	<i>TENM2</i>	chr5	Body	1.11	(0.74; 1.65)	6.1E-01
cg11082691	<i>TNFRSF19</i>	chr13	Body	0.92	(0.65; 1.29)	6.1E-01
cg03396323	<i>ATP8A1</i>	chr4	Body	1.12	(0.73; 1.72)	6.1E-01
cg00996959	<i>CNTNAP2</i>	chr7	Body	1.09	(0.78; 1.52)	6.1E-01
cg16405211	<i>CNTNAP2</i>	chr7	Body	0.92	(0.66; 1.28)	6.1E-01
cg14974397	<i>ACVR2A</i>	chr2	5'UTR	1.15	(0.68; 1.94)	6.1E-01
cg14974397	<i>ACVR2A</i>	chr2	TSS1500	1.15	(0.68; 1.94)	6.1E-01
cg14974397	<i>ACVR2A</i>	chr2	1stExon	1.15	(0.68; 1.94)	6.1E-01
cg00545573	<i>TAOK3</i>	chr12	5'UTR	1.08	(0.8; 1.47)	6.1E-01
cg02578058	<i>UNC80</i>	chr2	Body	0.91	(0.65; 1.3)	6.1E-01
cg07433663	<i>MEIS2</i>	chr15	5'UTR	0.89	(0.55; 1.42)	6.1E-01
cg07433663	<i>MEIS2</i>	chr15	1stExon	0.89	(0.55; 1.42)	6.1E-01
cg07433663	<i>MEIS2</i>	chr15	Body	0.89	(0.55; 1.42)	6.1E-01
cg02393980	<i>TNRC6A</i>	chr16	Body	0.91	(0.62; 1.33)	6.1E-01
cg03572284	<i>ZBTB20</i>	chr3	5'UTR	1.19	(0.6; 2.35)	6.1E-01
cg03487305	<i>FBXO34</i>	chr14	5'UTR	1.09	(0.78; 1.52)	6.1E-01
cg23159970	<i>CACNA1C</i>	chr12	Body	0.93	(0.69; 1.25)	6.1E-01
cg15092213	<i>GNA12</i>	chr7	Body	0.92	(0.68; 1.26)	6.1E-01
cg14656131	<i>UNC80</i>	chr2	TSS200	1.11	(0.74; 1.66)	6.1E-01
cg00511641	<i>CHD6</i>	chr20	Body	0.92	(0.68; 1.26)	6.1E-01
cg13956369	<i>SMARCD3</i>	chr7	TSS1500	1.09	(0.78; 1.53)	6.1E-01
cg24896096	<i>PTPRS</i>	chr19	Body	0.91	(0.65; 1.29)	6.1E-01
cg07920930	<i>PTPRN2</i>	chr7	TSS1500	0.92	(0.68; 1.25)	6.1E-01
cg00390969	<i>FBXO34</i>	chr14	TSS1500	1.09	(0.78; 1.52)	6.2E-01
cg00390969	<i>FBXO34</i>	chr14	TSS200	1.09	(0.78; 1.52)	6.2E-01
cg22949256	<i>SGIP1</i>	chr1	Body	0.87	(0.5; 1.5)	6.2E-01
cg03664025	<i>TNRC6A</i>	chr16	ExonBnd	0.9	(0.6; 1.35)	6.2E-01

cg03664025	<i>TNRC6A</i>	chr16	Body	0.9	(0.6; 1.35)	6.2E-01
cg10327399	<i>TNRC18</i>	chr7	Body	0.92	(0.68; 1.26)	6.2E-01
cg08802375	<i>ATP6V0C</i>	chr16	3'UTR	0.9	(0.59; 1.36)	6.2E-01
cg03462926	<i>ELAVL4</i>	chr1	1stExon	1.12	(0.72; 1.72)	6.2E-01
cg03462926	<i>ELAVL4</i>	chr1	Body	1.12	(0.72; 1.72)	6.2E-01
cg03462926	<i>ELAVL4</i>	chr1	5'UTR	1.12	(0.72; 1.72)	6.2E-01
cg05468345	<i>CACNA1C</i>	chr12	Body	1.08	(0.79; 1.49)	6.2E-01
cg25912957	<i>PTPRN2</i>	chr7	Body	0.92	(0.65; 1.29)	6.2E-01
cg03243701	<i>CCDC80</i>	chr3	Body	1.09	(0.79; 1.5)	6.2E-01
cg17067988	<i>PTPRN2</i>	chr7	Body	0.91	(0.65; 1.3)	6.2E-01
cg06690199	<i>EIF2S1</i>	chr14	TSS200	1.07	(0.82; 1.41)	6.2E-01
cg12113356	<i>CCDC80</i>	chr3	5'UTR	0.9	(0.59; 1.37)	6.2E-01
cg12113356	<i>CCDC80</i>	chr3	1stExon	0.9	(0.59; 1.37)	6.2E-01
cg24319381	<i>CPEB1</i>	chr15	TSS200	0.92	(0.67; 1.27)	6.2E-01
cg18071075	<i>WWOX</i>	chr16	Body	1.12	(0.72; 1.73)	6.2E-01
cg20247421	<i>CHD6</i>	chr20	5'UTR	1.08	(0.8; 1.45)	6.2E-01
cg15374582	<i>PTPRN2</i>	chr7	Body	1.09	(0.77; 1.56)	6.2E-01
cg09118225	<i>TENM2</i>	chr5	Body	0.9	(0.58; 1.38)	6.2E-01
cg00239915	<i>PTPRN2</i>	chr7	Body	0.91	(0.64; 1.3)	6.2E-01
cg15012939	<i>PTPRN2</i>	chr7	Body	1.09	(0.78; 1.51)	6.2E-01
cg21380084	<i>PTPRN2</i>	chr7	Body	0.92	(0.66; 1.28)	6.2E-01
cg16174779	<i>TNFRSF11A</i>	chr18	Body	1.1	(0.75; 1.63)	6.2E-01
cg12283057	<i>PDE8A</i>	chr15	Body	1.08	(0.79; 1.48)	6.2E-01
cg22862635	<i>PTPRN2</i>	chr7	Body	0.91	(0.61; 1.34)	6.2E-01
cg18201351	<i>NRXN1</i>	chr2	Body	1.09	(0.78; 1.53)	6.2E-01
cg18201351	<i>NRXN1</i>	chr2	TSS200	1.09	(0.78; 1.53)	6.2E-01
cg08613634	<i>RNU5E-1</i>	chr5	Body	1.09	(0.78; 1.53)	6.2E-01
cg03362590	<i>FBXO34</i>	chr14	TSS200	1.09	(0.78; 1.52)	6.2E-01
cg03362590	<i>FBXO34</i>	chr14	5'UTR	1.09	(0.78; 1.52)	6.2E-01
cg27650540	<i>CUX2</i>	chr12	Body	0.92	(0.65; 1.29)	6.2E-01
cg23455837	<i>PTPRN2</i>	chr7	Body	0.92	(0.67; 1.26)	6.2E-01
cg14795305	<i>SMARCD3</i>	chr7	TSS1500	0.87	(0.49; 1.53)	6.2E-01
cg06957181	<i>AKAP3</i>	chr12	TSS1500	0.91	(0.64; 1.3)	6.2E-01
cg09340935	<i>CACNA1C</i>	chr12	Body	0.92	(0.65; 1.29)	6.2E-01
cg06679384	<i>PTPRN2</i>	chr7	Body	1.1	(0.75; 1.64)	6.2E-01
cg21538684	<i>PHACTR1</i>	chr6	Body	0.93	(0.69; 1.25)	6.2E-01
cg04396803	<i>COL5A2</i>	chr2	Body	0.88	(0.53; 1.47)	6.2E-01
cg23660611	<i>PTPRS</i>	chr19	Body	1.12	(0.72; 1.75)	6.2E-01
cg21660826	<i>PTPRN2</i>	chr7	Body	0.92	(0.66; 1.28)	6.2E-01
cg13594075	<i>NRXN1</i>	chr2	TSS200	0.93	(0.68; 1.26)	6.2E-01
cg20353780	<i>TAOK3</i>	chr12	3'UTR	0.92	(0.65; 1.3)	6.2E-01
cg26570257	<i>SUSD4</i>	chr1	Body	1.15	(0.66; 1.99)	6.2E-01
cg09239716	<i>TNFRSF10C</i>	chr8	Body	1.1	(0.76; 1.57)	6.2E-01
cg19713140	<i>PTPRN2</i>	chr7	Body	1.08	(0.79; 1.49)	6.2E-01
cg22128328	<i>PTPRN2</i>	chr7	Body	0.92	(0.67; 1.27)	6.2E-01
cg26338159	<i>CPEB1</i>	chr15	Body	1.08	(0.79; 1.48)	6.2E-01
cg16238796	<i>TNRC18</i>	chr7	5'UTR	0.92	(0.66; 1.28)	6.2E-01
cg24408488	<i>NOL4L</i>	chr20	Body	0.92	(0.65; 1.29)	6.2E-01
cg01162378	<i>CDH11</i>	chr16	5'UTR	1.09	(0.78; 1.53)	6.2E-01
cg17902551	<i>CACNA1C</i>	chr12	3'UTR	0.92	(0.67; 1.27)	6.2E-01
cg13305273	<i>PTPRN2</i>	chr7	Body	1.11	(0.73; 1.71)	6.2E-01
cg22517801	<i>PTPRN2</i>	chr7	Body	0.91	(0.64; 1.31)	6.2E-01
cg22769317	<i>FSTL1</i>	chr3	TSS1500	1.09	(0.78; 1.51)	6.2E-01
cg01613977	<i>AKAP13</i>	chr15	Body	0.9	(0.6; 1.35)	6.2E-01
cg05254518	<i>AKAP13</i>	chr15	Body	1.09	(0.78; 1.52)	6.2E-01
cg08415819	<i>NRXN1</i>	chr2	Body	1.08	(0.78; 1.5)	6.2E-01
cg18379569	<i>WWOX</i>	chr16	Body	0.91	(0.61; 1.34)	6.2E-01
cg00443596	<i>NOL4</i>	chr18	Body	1.12	(0.72; 1.75)	6.2E-01
cg00443596	<i>NOL4</i>	chr18	TSS200	1.12	(0.72; 1.75)	6.2E-01
cg11502736	<i>CEP350</i>	chr1	TSS200	1.09	(0.78; 1.52)	6.2E-01
cg07859489	<i>PTPRN2</i>	chr7	Body	0.93	(0.71; 1.23)	6.2E-01

cg08189280	<i>NRXN1</i>	chr2	Body	1.08	(0.79; 1.48)	6.2E-01
cg04954797	<i>PTPRN2</i>	chr7	Body	1.08	(0.79; 1.47)	6.2E-01
cg03615913	<i>PTPRS</i>	chr19	5'UTR	0.92	(0.66; 1.28)	6.2E-01
cg00469083	<i>WVOX</i>	chr16	Body	1.08	(0.8; 1.46)	6.2E-01
cg27128939	<i>SUGCT</i>	chr7	Body	0.81	(0.35; 1.88)	6.2E-01
cg07605211	<i>SUSD4</i>	chr1	TSS1500	0.91	(0.62; 1.34)	6.2E-01
cg19019380	<i>PTPRN2</i>	chr7	Body	0.93	(0.68; 1.26)	6.2E-01
cg12741309	<i>ATF7</i>	chr12	5'UTR	0.92	(0.65; 1.3)	6.2E-01
cg12741309	<i>ATF7</i>	chr12	Body	0.92	(0.65; 1.3)	6.2E-01
cg09831055	<i>MEX3A</i>	chr1	Body	0.92	(0.67; 1.27)	6.2E-01
cg26604191	<i>TNRC18</i>	chr7	Body	0.92	(0.65; 1.3)	6.2E-01
cg14376625	<i>CUX2</i>	chr12	Body	1.09	(0.77; 1.55)	6.2E-01
cg16740746	<i>WVOX</i>	chr16	Body	0.91	(0.63; 1.32)	6.2E-01
cg15407730	<i>ATF7IP</i>	chr12	5'UTR	0.88	(0.53; 1.46)	6.2E-01
cg15407730	<i>ATF7IP</i>	chr12	Body	0.88	(0.53; 1.46)	6.2E-01
cg09610766	<i>ALCAM</i>	chr3	Body	0.92	(0.64; 1.31)	6.3E-01
cg14350197	<i>BRUNOL4</i>	chr18	TSS1500	0.91	(0.61; 1.34)	6.3E-01
cg24166295	<i>ZNF704</i>	chr8	Body	1.09	(0.78; 1.52)	6.3E-01
cg08599096	<i>PTPRN2</i>	chr7	Body	0.84	(0.42; 1.69)	6.3E-01
cg09500171	<i>ATP8A1</i>	chr4	Body	0.92	(0.66; 1.29)	6.3E-01
cg04595854	<i>TENM2</i>	chr5	Body	1.09	(0.76; 1.57)	6.3E-01
cg26130656	<i>CACNA1C</i>	chr12	Body	0.88	(0.51; 1.49)	6.3E-01
cg15819924	<i>PTPRN2</i>	chr7	Body	1.09	(0.78; 1.52)	6.3E-01
cg07535790	<i>ZBTB20</i>	chr3	Body	0.86	(0.46; 1.6)	6.3E-01
cg07535790	<i>ZBTB20</i>	chr3	5'UTR	0.86	(0.46; 1.6)	6.3E-01
cg12102607	<i>GNA12</i>	chr7	Body	1.08	(0.79; 1.47)	6.3E-01
cg12102607	<i>GNA12</i>	chr7	TSS200	1.08	(0.79; 1.47)	6.3E-01
cg05121010	<i>POU2F1</i>	chr1	Body	1.12	(0.72; 1.74)	6.3E-01
cg16502202	<i>AKAP13</i>	chr15	Body	0.92	(0.65; 1.29)	6.3E-01
cg21952241	<i>CHD6</i>	chr20	3'UTR	1.1	(0.74; 1.65)	6.3E-01
cg13471521	<i>TNFRSF1B</i>	chr1	Body	1.11	(0.73; 1.7)	6.3E-01
cg22510091	<i>RAP1B</i>	chr12	5'UTR	0.91	(0.64; 1.31)	6.3E-01
cg09633353	<i>RTN4</i>	chr2	Body	1.12	(0.71; 1.75)	6.3E-01
cg09633353	<i>RTN4</i>	chr2	5'UTR	1.12	(0.71; 1.75)	6.3E-01
cg12877853	<i>PTPRN2</i>	chr7	Body	0.92	(0.67; 1.27)	6.3E-01
cg01743793	<i>TNFRSF19</i>	chr13	5'UTR	0.92	(0.67; 1.27)	6.3E-01
cg01743793	<i>TNFRSF19</i>	chr13	Body	0.92	(0.67; 1.27)	6.3E-01
cg23634928	<i>PTPRN2</i>	chr7	Body	0.93	(0.68; 1.26)	6.3E-01
cg16168876	<i>CACNA1C</i>	chr12	Body	1.13	(0.69; 1.85)	6.3E-01
cg07168181	<i>GNA12</i>	chr7	TSS200	0.92	(0.66; 1.28)	6.3E-01
cg26387435	<i>CNTNAP2</i>	chr7	Body	1.08	(0.79; 1.47)	6.3E-01
cg02245612	<i>PTPRS</i>	chr19	5'UTR	1.08	(0.78; 1.5)	6.3E-01
cg22370057	<i>PHACTR1</i>	chr6	Body	1.09	(0.77; 1.56)	6.3E-01
cg02538280	<i>PTPRN2</i>	chr7	Body	1.09	(0.77; 1.53)	6.3E-01
cg03960313	<i>TNFRSF19</i>	chr13	5'UTR	0.92	(0.66; 1.29)	6.3E-01
cg03960313	<i>TNFRSF19</i>	chr13	TSS1500	0.92	(0.66; 1.29)	6.3E-01
cg02336175	<i>ZNF704</i>	chr8	5'UTR	0.93	(0.7; 1.24)	6.3E-01
cg02336175	<i>ZNF704</i>	chr8	1stExon	0.93	(0.7; 1.24)	6.3E-01
cg14595244	<i>SRSF12</i>	chr6	TSS1500	0.93	(0.69; 1.25)	6.3E-01
cg20773751	<i>AKAP13</i>	chr15	Body	1.09	(0.77; 1.54)	6.3E-01
cg20773751	<i>AKAP13</i>	chr15	5'UTR	1.09	(0.77; 1.54)	6.3E-01
cg06537115	<i>TENM2</i>	chr5	Body	0.91	(0.64; 1.31)	6.3E-01
cg16486501	<i>PTPRN2</i>	chr7	Body	1.1	(0.74; 1.64)	6.3E-01
cg07796563	<i>CHFR</i>	chr12	Body	0.91	(0.62; 1.33)	6.3E-01
cg02866870	<i>ALCAM</i>	chr3	TSS200	1.1	(0.76; 1.59)	6.3E-01
cg12700283	<i>TNRC6C</i>	chr17	5'UTR	1.08	(0.79; 1.49)	6.3E-01
cg18559618	<i>RTN4RL1</i>	chr17	Body	0.88	(0.52; 1.48)	6.3E-01
cg05062510	<i>PTPRN2</i>	chr7	Body	0.92	(0.66; 1.29)	6.3E-01
cg07082645	<i>CACNA1C</i>	chr12	Body	0.91	(0.64; 1.32)	6.3E-01
cg07271936	<i>WVOX</i>	chr16	Body	0.92	(0.65; 1.29)	6.3E-01
cg01125152	<i>WVOX</i>	chr16	Body	1.08	(0.78; 1.5)	6.3E-01

cg25996573	<i>RTN4</i>	chr2	Body	1.18	(0.6; 2.32)	6.3E-01
cg05548749	<i>ARID1A</i>	chr1	Body	0.92	(0.67; 1.28)	6.3E-01
cg04484243	<i>AKAP13</i>	chr15	5'UTR	1.09	(0.76; 1.58)	6.3E-01
cg07729875	<i>CUX2</i>	chr12	Body	0.91	(0.62; 1.34)	6.3E-01
cg04868583	<i>ATP8A1</i>	chr4	Body	0.92	(0.66; 1.29)	6.3E-01
cg16799961	<i>TXNDC9</i>	chr2	TSS200	1.07	(0.8; 1.44)	6.3E-01
cg05840629	<i>DMXL2</i>	chr15	TSS1500	0.9	(0.58; 1.39)	6.3E-01
cg05987961	<i>PTPRN2</i>	chr7	Body	0.92	(0.66; 1.29)	6.3E-01
cg15804825	<i>CPEB1</i>	chr15	ExonBnd	0.91	(0.63; 1.33)	6.3E-01
cg15804825	<i>CPEB1</i>	chr15	Body	0.91	(0.63; 1.33)	6.3E-01
cg15804825	<i>CPEB1</i>	chr15	5'UTR	0.91	(0.63; 1.33)	6.3E-01
cg07788493	<i>AKAP13</i>	chr15	Body	0.85	(0.44; 1.64)	6.3E-01
cg19303637	<i>TNFRSF19</i>	chr13	5'UTR	1.13	(0.68; 1.89)	6.3E-01
cg24052530	<i>ERI3</i>	chr1	1stExon	1.08	(0.78; 1.5)	6.3E-01
cg24052530	<i>ERI3</i>	chr1	5'UTR	1.08	(0.78; 1.5)	6.3E-01
cg23784855	<i>ZNF704</i>	chr8	TSS200	1.1	(0.75; 1.59)	6.3E-01
cg16648740	<i>UBE2E2</i>	chr3	Body	0.92	(0.65; 1.3)	6.3E-01
cg20734791	<i>SUGCT</i>	chr7	Body	0.87	(0.48; 1.56)	6.3E-01
cg00531180	<i>NOL4L</i>	chr20	Body	1.12	(0.7; 1.79)	6.3E-01
cg15318881	<i>TENM2</i>	chr5	Body	0.92	(0.66; 1.28)	6.3E-01
cg00003241	<i>PTPRN2</i>	chr7	Body	1.08	(0.79; 1.47)	6.3E-01
cg24364668	<i>CCDC80</i>	chr3	5'UTR	0.9	(0.59; 1.38)	6.3E-01
cg24364668	<i>CCDC80</i>	chr3	1stExon	0.9	(0.59; 1.38)	6.3E-01
cg02699090	<i>PTPRN2</i>	chr7	Body	0.94	(0.71; 1.23)	6.3E-01
cg24490542	<i>CSMD2</i>	chr1	Body	1.11	(0.73; 1.69)	6.3E-01
cg20557710	<i>CACNA1C</i>	chr12	Body	1.09	(0.77; 1.55)	6.3E-01
cg10537847	<i>TXNDC9</i>	chr2	TSS1500	0.93	(0.68; 1.26)	6.3E-01
cg02111099	<i>ERI3</i>	chr1	Body	0.92	(0.65; 1.3)	6.3E-01
cg20915973	<i>ATP8A1</i>	chr4	TSS1500	0.91	(0.63; 1.33)	6.3E-01
cg03295083	<i>NRXN1</i>	chr2	Body	0.92	(0.66; 1.29)	6.3E-01
cg03295083	<i>NRXN1</i>	chr2	TSS200	0.92	(0.66; 1.29)	6.3E-01
cg01394671	<i>PTPRN2</i>	chr7	TSS200	1.08	(0.79; 1.48)	6.3E-01
cg04998702	<i>MEIS2</i>	chr15	TSS1500	1.09	(0.75; 1.59)	6.3E-01
cg04998702	<i>MEIS2</i>	chr15	5'UTR	1.09	(0.75; 1.59)	6.3E-01
cg04998702	<i>MEIS2</i>	chr15	Body	1.09	(0.75; 1.59)	6.3E-01
cg04998702	<i>MEIS2</i>	chr15	ExonBnd	1.09	(0.75; 1.59)	6.3E-01
cg04998702	<i>MEIS2</i>	chr15	TSS200	1.09	(0.75; 1.59)	6.3E-01
cg04998702	<i>MEIS2</i>	chr15	1stExon	1.09	(0.75; 1.59)	6.3E-01
cg00103865	<i>TNFRSF1A</i>	chr12	Body	0.92	(0.65; 1.3)	6.3E-01
cg16014651	<i>TNRC18</i>	chr7	Body	0.82	(0.37; 1.83)	6.3E-01
cg12875205	<i>PTPRN2</i>	chr7	Body	1.07	(0.8; 1.45)	6.3E-01
cg06293787	<i>MTNR1A</i>	chr4	TSS200	0.9	(0.57; 1.4)	6.3E-01
cg11247812	<i>CSMD2</i>	chr1	Body	0.92	(0.65; 1.3)	6.3E-01
cg24388383	<i>TNFRSF11A</i>	chr18	Body	1.09	(0.76; 1.57)	6.4E-01
cg10227810	<i>RTN4R</i>	chr22	Body	1.08	(0.79; 1.47)	6.4E-01
cg05305155	<i>PTPRN2</i>	chr7	Body	0.92	(0.66; 1.29)	6.4E-01
cg23864120	<i>PTPRS</i>	chr19	Body	0.93	(0.68; 1.27)	6.4E-01
cg18028379	<i>CDH13</i>	chr16	Body	0.85	(0.43; 1.68)	6.4E-01
cg08006263	<i>NOL4L</i>	chr20	Body	0.91	(0.62; 1.34)	6.4E-01
cg21276043	<i>AKAP13</i>	chr15	5'UTR	1.09	(0.76; 1.57)	6.4E-01
cg23337361	<i>PHACTR1</i>	chr6	Body	1.09	(0.76; 1.55)	6.4E-01
cg24646035	<i>PHACTR1</i>	chr6	Body	0.93	(0.68; 1.27)	6.4E-01
cg20135776	<i>ARID1A</i>	chr1	Body	1.08	(0.8; 1.45)	6.4E-01
cg15912010	<i>NRXN1</i>	chr2	Body	0.92	(0.67; 1.28)	6.4E-01
cg05902531	<i>CTDSP2</i>	chr12	Body	0.92	(0.66; 1.29)	6.4E-01
cg11392877	<i>PDE8A</i>	chr15	TSS1500	1.08	(0.79; 1.48)	6.4E-01
cg18849847	<i>PTPRN2</i>	chr7	Body	1.08	(0.79; 1.47)	6.4E-01
cg03648523	<i>CDH13</i>	chr16	5'UTR	0.93	(0.67; 1.27)	6.4E-01
cg03648523	<i>CDH13</i>	chr16	Body	0.93	(0.67; 1.27)	6.4E-01
cg04006520	<i>CACNA1C</i>	chr12	Body	0.9	(0.58; 1.39)	6.4E-01
cg07061916	<i>DACH1</i>	chr13	TSS200	0.92	(0.65; 1.31)	6.4E-01

cg22676516	<i>PTPRN2</i>	chr7	Body	1.09	(0.77; 1.53)	6.4E-01
cg05847926	<i>POU2F1</i>	chr1	Body	1.08	(0.79; 1.48)	6.4E-01
cg05847926	<i>POU2F1</i>	chr1	TSS1500	1.08	(0.79; 1.48)	6.4E-01
cg23649326	<i>RNU5E-1</i>	chr5	Body	1.1	(0.74; 1.63)	6.4E-01
cg07688779	<i>MEIS2</i>	chr15	5'UTR	0.91	(0.61; 1.35)	6.4E-01
cg07688779	<i>MEIS2</i>	chr15	1stExon	0.91	(0.61; 1.35)	6.4E-01
cg07688779	<i>MEIS2</i>	chr15	Body	0.91	(0.61; 1.35)	6.4E-01
cg07688779	<i>MEIS2</i>	chr15	TSS1500	0.91	(0.61; 1.35)	6.4E-01
cg02481065	<i>ELAVL4</i>	chr1	Body	1.09	(0.76; 1.57)	6.4E-01
cg27529656	<i>FBXO32</i>	chr8	5'UTR	1.11	(0.71; 1.74)	6.4E-01
cg27529656	<i>FBXO32</i>	chr8	Body	1.11	(0.71; 1.74)	6.4E-01
cg00267862	<i>TNRC18</i>	chr7	Body	1.07	(0.8; 1.45)	6.4E-01
cg00806634	<i>CTNND2</i>	chr5	Body	1.09	(0.76; 1.55)	6.4E-01
cg22870666	<i>DMXL2</i>	chr15	5'UTR	1.08	(0.78; 1.49)	6.4E-01
cg22870666	<i>DMXL2</i>	chr15	1stExon	1.08	(0.78; 1.49)	6.4E-01
cg15074728	<i>ZBTB20</i>	chr3	Body	0.92	(0.65; 1.31)	6.4E-01
cg15074728	<i>ZBTB20</i>	chr3	5'UTR	0.92	(0.65; 1.31)	6.4E-01
cg05038209	<i>FBXO31</i>	chr16	TSS1500	0.92	(0.64; 1.31)	6.4E-01
cg09038266	<i>WWOX</i>	chr16	Body	0.92	(0.66; 1.29)	6.4E-01
cg12724498	<i>PTPRN2</i>	chr7	Body	0.93	(0.7; 1.25)	6.4E-01
cg12167526	<i>NRXN1</i>	chr2	Body	0.93	(0.67; 1.27)	6.4E-01
cg05199346	<i>TNFRSF1A</i>	chr12	Body	0.9	(0.57; 1.41)	6.4E-01
cg12134994	<i>TNFRSF10D</i>	chr8	Body	1.11	(0.73; 1.68)	6.4E-01
cg09532041	<i>CDH13</i>	chr16	5'UTR	1.1	(0.73; 1.66)	6.4E-01
cg09532041	<i>CDH13</i>	chr16	Body	1.1	(0.73; 1.66)	6.4E-01
cg10368049	<i>COL1A2</i>	chr7	TSS200	1.08	(0.79; 1.47)	6.4E-01
cg05879505	<i>RTN4RL1</i>	chr17	Body	1.11	(0.72; 1.72)	6.4E-01
cg02093647	<i>ACVR2A</i>	chr2	TSS200	0.92	(0.65; 1.3)	6.4E-01
cg05979819	<i>WWOX</i>	chr16	TSS200	1.08	(0.78; 1.49)	6.4E-01
cg27069263	<i>RTN4</i>	chr2	TSS1500	0.93	(0.67; 1.27)	6.4E-01
cg07819148	<i>CACNA1C</i>	chr12	Body	0.92	(0.66; 1.3)	6.4E-01
cg09048009	<i>RTN4</i>	chr2	Body	1.1	(0.74; 1.62)	6.4E-01
cg01726608	<i>PTPRN2</i>	chr7	Body	0.93	(0.68; 1.26)	6.4E-01
cg17799033	<i>PTPRN2</i>	chr7	Body	0.92	(0.64; 1.32)	6.4E-01
cg00345522	<i>NRXN1</i>	chr2	TSS1500	0.93	(0.7; 1.25)	6.4E-01
cg03368634	<i>CREBBP</i>	chr16	Body	1.08	(0.78; 1.49)	6.4E-01
cg22420514	<i>PTPRN2</i>	chr7	Body	0.91	(0.62; 1.34)	6.4E-01
cg03105604	<i>CDH13</i>	chr16	5'UTR	1.08	(0.77; 1.52)	6.4E-01
cg03105604	<i>CDH13</i>	chr16	Body	1.08	(0.77; 1.52)	6.4E-01
cg12084908	<i>SLC16A9</i>	chr10	Body	1.07	(0.8; 1.43)	6.4E-01
cg18711246	<i>DACH1</i>	chr13	Body	1.09	(0.76; 1.55)	6.4E-01
cg17811116	<i>TNRC18</i>	chr7	Body	1.1	(0.74; 1.63)	6.4E-01
cg22381955	<i>CHFR</i>	chr12	Body	1.09	(0.75; 1.6)	6.4E-01
cg24351382	<i>PTPRN2</i>	chr7	Body	1.08	(0.77; 1.53)	6.4E-01
cg17689778	<i>PTPRS</i>	chr19	Body	0.92	(0.64; 1.32)	6.4E-01
cg11330134	<i>CDH13</i>	chr16	5'UTR	0.89	(0.53; 1.48)	6.4E-01
cg11330134	<i>CDH13</i>	chr16	Body	0.89	(0.53; 1.48)	6.4E-01
cg03232056	<i>PTPRN2</i>	chr7	Body	1.09	(0.76; 1.55)	6.4E-01
cg05619202	<i>TNFRSF11A</i>	chr18	Body	0.91	(0.63; 1.33)	6.4E-01
cg15384060	<i>NRXN1</i>	chr2	5'UTR	0.92	(0.63; 1.33)	6.4E-01
cg15384060	<i>NRXN1</i>	chr2	1stExon	0.92	(0.63; 1.33)	6.4E-01
cg24932457	<i>TNR</i>	chr1	5'UTR	1.1	(0.74; 1.61)	6.4E-01
cg06950987	<i>RTN4R</i>	chr22	Body	0.91	(0.62; 1.34)	6.4E-01
cg00834924	<i>AKAP13</i>	chr15	5'UTR	0.93	(0.7; 1.25)	6.4E-01
cg07642125	<i>WWOX</i>	chr16	Body	1.09	(0.75; 1.59)	6.4E-01
cg20202430	<i>FBXO32</i>	chr8	TSS1500	0.92	(0.65; 1.3)	6.4E-01
cg20202430	<i>FBXO32</i>	chr8	Body	0.92	(0.65; 1.3)	6.4E-01
cg21797223	<i>CTNND2</i>	chr5	Body	0.93	(0.68; 1.26)	6.4E-01
cg10737671	<i>PTPRN2</i>	chr7	Body	0.92	(0.63; 1.33)	6.4E-01
cg25478157	<i>CEP350</i>	chr1	5'UTR	0.93	(0.69; 1.26)	6.4E-01
cg05307536	<i>WWOX</i>	chr16	Body	0.91	(0.63; 1.34)	6.4E-01

cg10756457	<i>NRXN1</i>	chr2	Body	0.87	(0.48; 1.57)	6.4E-01
cg03761291	<i>CREBBP</i>	chr16	Body	1.1	(0.74; 1.63)	6.4E-01
cg21628661	<i>ARID1A</i>	chr1	Body	1.08	(0.78; 1.51)	6.4E-01
cg02408103	<i>CTDSP2</i>	chr12	TSS1500	0.92	(0.65; 1.31)	6.4E-01
cg18833170	<i>TNRC6A</i>	chr16	Body	1.09	(0.76; 1.56)	6.4E-01
cg24824371	<i>PTPRN2</i>	chr7	Body	0.93	(0.67; 1.28)	6.4E-01
cg03042149	<i>PDE8A</i>	chr15	TSS1500	0.94	(0.72; 1.23)	6.4E-01
cg19877157	<i>GNA12</i>	chr7	Body	1.09	(0.76; 1.55)	6.5E-01
cg12602439	<i>RECQL5</i>	chr17	1stExon	1.08	(0.79; 1.47)	6.5E-01
cg12602439	<i>RECQL5</i>	chr17	5'UTR	1.08	(0.79; 1.47)	6.5E-01
cg21090796	<i>CPEB1</i>	chr15	1stExon	0.93	(0.68; 1.28)	6.5E-01
cg21090796	<i>CPEB1</i>	chr15	Body	0.93	(0.68; 1.28)	6.5E-01
cg21090796	<i>CPEB1</i>	chr15	5'UTR	0.93	(0.68; 1.28)	6.5E-01
cg01511814	<i>RECQL5</i>	chr17	Body	0.92	(0.66; 1.29)	6.5E-01
cg21255406	<i>TAOK3</i>	chr12	Body	1.08	(0.78; 1.5)	6.5E-01
cg03425093	<i>GNA12</i>	chr7	Body	0.91	(0.62; 1.34)	6.5E-01
cg24176540	<i>TNFRSF10B</i>	chr8	Body	0.92	(0.64; 1.31)	6.5E-01
cg03245462	<i>CTNND2</i>	chr5	Body	0.93	(0.69; 1.26)	6.5E-01
cg15243478	<i>CACNA1C</i>	chr12	Body	0.9	(0.56; 1.43)	6.5E-01
cg25107959	<i>TNRC6B</i>	chr22	Body	1.1	(0.72; 1.69)	6.5E-01
cg11439695	<i>CACNA1C</i>	chr12	Body	0.85	(0.43; 1.69)	6.5E-01
cg00494949	<i>TNRC18</i>	chr7	Body	1.08	(0.77; 1.53)	6.5E-01
cg16301036	<i>TAOK3</i>	chr12	5'UTR	0.9	(0.57; 1.42)	6.5E-01
cg22735402	<i>CNTNAP2</i>	chr7	Body	0.91	(0.61; 1.36)	6.5E-01
cg01230254	<i>FBXO31</i>	chr16	Body	0.92	(0.66; 1.3)	6.5E-01
cg04296289	<i>SGIP1</i>	chr1	Body	0.92	(0.64; 1.32)	6.5E-01
cg11019319	<i>DCUN1D4</i>	chr4	Body	0.92	(0.66; 1.3)	6.5E-01
cg11019319	<i>DCUN1D4</i>	chr4	5'UTR	0.92	(0.66; 1.3)	6.5E-01
cg11414986	<i>POU2F1</i>	chr1	Body	0.93	(0.68; 1.27)	6.5E-01
cg26975787	<i>CACNA1C</i>	chr12	Body	1.1	(0.74; 1.63)	6.5E-01
cg03170192	<i>CTDSP2</i>	chr12	Body	1.11	(0.72; 1.71)	6.5E-01
cg13268132	<i>TNFRSF11B</i>	chr8	1stExon	0.93	(0.67; 1.28)	6.5E-01
cg05682336	<i>BARX2</i>	chr11	Body	1.08	(0.78; 1.5)	6.5E-01
cg05694921	<i>PTPRU</i>	chr1	Body	1.1	(0.73; 1.66)	6.5E-01
cg25794982	<i>WWOX</i>	chr16	Body	0.93	(0.67; 1.28)	6.5E-01
cg06037603	<i>TNRC6A</i>	chr16	Body	0.91	(0.62; 1.35)	6.5E-01
cg02650170	<i>TENM2</i>	chr5	Body	0.91	(0.62; 1.35)	6.5E-01
cg24794322	<i>PTPRN2</i>	chr7	Body	1.08	(0.77; 1.51)	6.5E-01
cg08162701	<i>SUGCT</i>	chr7	Body	1.1	(0.73; 1.67)	6.5E-01
cg12593421	<i>AKAP13</i>	chr15	Body	1.09	(0.75; 1.57)	6.5E-01
cg08912210	<i>CREBBP</i>	chr16	Body	0.92	(0.63; 1.34)	6.5E-01
cg02843755	<i>CTDSPL</i>	chr3	TSS1500	1.08	(0.79; 1.47)	6.5E-01
cg06474489	<i>PTPRU</i>	chr1	ExonBnd	0.9	(0.58; 1.41)	6.5E-01
cg06474489	<i>PTPRU</i>	chr1	Body	0.9	(0.58; 1.41)	6.5E-01
cg00599124	<i>FBXO31</i>	chr16	Body	1.07	(0.8; 1.43)	6.5E-01
cg13617776	<i>PTPRS</i>	chr19	Body	0.93	(0.66; 1.3)	6.5E-01
cg16583458	<i>CUX2</i>	chr12	Body	0.93	(0.67; 1.28)	6.5E-01
cg20569999	<i>CTDSP2</i>	chr12	Body	1.09	(0.76; 1.57)	6.5E-01
cg06380249	<i>PTPRN2</i>	chr7	Body	0.91	(0.61; 1.36)	6.5E-01
cg05151055	<i>CREBBP</i>	chr16	Body	1.08	(0.78; 1.48)	6.5E-01
cg12494138	<i>PTPRN2</i>	chr7	Body	0.93	(0.67; 1.29)	6.5E-01
cg02568557	<i>BARX2</i>	chr11	Body	0.92	(0.63; 1.33)	6.5E-01
cg01891959	<i>CDH13</i>	chr16	ExonBnd	0.94	(0.7; 1.25)	6.5E-01
cg01891959	<i>CDH13</i>	chr16	Body	0.94	(0.7; 1.25)	6.5E-01
cg15279186	<i>ATF7</i>	chr12	Body	0.9	(0.58; 1.41)	6.5E-01
cg15057554	<i>PTPRN2</i>	chr7	Body	1.07	(0.8; 1.42)	6.5E-01
cg00618054	<i>HMGB4</i>	chr1	TSS200	0.93	(0.68; 1.28)	6.5E-01
cg00618054	<i>HMGB4</i>	chr1	5'UTR	0.93	(0.68; 1.28)	6.5E-01
cg00618054	<i>CSMD2</i>	chr1	Body	0.93	(0.68; 1.28)	6.5E-01
cg16515584	<i>ZNF704</i>	chr8	5'UTR	1.12	(0.68; 1.84)	6.5E-01
cg27200869	<i>PTPRN2</i>	chr7	Body	0.93	(0.69; 1.26)	6.5E-01

cg07795407	MEIS2	chr15	5'UTR	1.09	(0.75; 1.57)	6.5E-01
cg07795407	MEIS2	chr15	1stExon	1.09	(0.75; 1.57)	6.5E-01
cg07795407	MEIS2	chr15	Body	1.09	(0.75; 1.57)	6.5E-01
cg07795407	MEIS2	chr15	TSS1500	1.09	(0.75; 1.57)	6.5E-01
cg02710892	TENM2	chr5	Body	0.93	(0.7; 1.25)	6.5E-01
cg06919467	UBE2E2	chr3	Body	1.07	(0.79; 1.46)	6.5E-01
cg04566019	TENM2	chr5	Body	0.89	(0.55; 1.46)	6.5E-01
cg13871430	ELAVL4	chr1	Body	0.91	(0.6; 1.38)	6.5E-01
cg07374808	BRUNOL4	chr18	Body	1.13	(0.66; 1.93)	6.5E-01
cg12967327	RTN4RL1	chr17	Body	1.09	(0.75; 1.58)	6.5E-01
cg06740893	TNFRSF1B	chr1	Body	1.09	(0.76; 1.56)	6.5E-01
cg03308120	PTPRN2	chr7	Body	1.08	(0.77; 1.53)	6.5E-01
cg14491224	PHACTR1	chr6	Body	0.93	(0.67; 1.29)	6.5E-01
cg21850830	FBXO32	chr8	TSS200	0.93	(0.69; 1.26)	6.5E-01
cg15633128	SLC16A9	chr10	TSS1500	1.09	(0.74; 1.6)	6.5E-01
cg06438489	AKAP13	chr15	Body	0.91	(0.6; 1.38)	6.5E-01
cg00937966	CUX2	chr12	Body	0.92	(0.64; 1.32)	6.5E-01
cg09922087	TENM2	chr5	Body	1.08	(0.77; 1.52)	6.5E-01
cg12054171	PTPRN2	chr7	Body	0.92	(0.63; 1.33)	6.5E-01
cg27473215	POU2F1	chr1	Body	1.1	(0.73; 1.64)	6.5E-01
cg27473215	POU2F1	chr1	TSS1500	1.1	(0.73; 1.64)	6.5E-01
cg06741536	RAP1B	chr12	5'UTR	1.08	(0.76; 1.53)	6.5E-01
cg08580308	FBXO36	chr2	Body	0.93	(0.66; 1.3)	6.5E-01
cg03823381	PHACTR1	chr6	Body	1.08	(0.77; 1.53)	6.5E-01
cg09269891	CREBBP	chr16	Body	0.92	(0.65; 1.31)	6.5E-01
cg13442839	WWOX	chr16	Body	0.93	(0.67; 1.29)	6.5E-01
cg25023596	TAOK3	chr12	Body	1.08	(0.78; 1.49)	6.5E-01
cg15897624	CUX2	chr12	Body	0.93	(0.66; 1.29)	6.5E-01
cg08407315	SUSD4	chr1	Body	0.91	(0.62; 1.35)	6.5E-01
cg04950301	PHACTR1	chr6	Body	0.88	(0.5; 1.55)	6.5E-01
cg04031279	AKAP13	chr15	Body	0.93	(0.66; 1.3)	6.6E-01
cg12622854	AKAP13	chr15	Body	0.92	(0.66; 1.3)	6.6E-01
cg13484596	ZBTB20	chr3	5'UTR	1.18	(0.57; 2.46)	6.6E-01
cg14477514	BRUNOL4	chr18	Body	1.13	(0.66; 1.92)	6.6E-01
cg07810083	TNRC18	chr7	5'UTR	1.08	(0.78; 1.49)	6.6E-01
cg04218418	DDHD2	chr8	TSS1500	1.07	(0.79; 1.44)	6.6E-01
cg04218418	DDHD2	chr8	TSS200	1.07	(0.79; 1.44)	6.6E-01
cg21322436	CNTNAP2	chr7	TSS1500	1.09	(0.75; 1.59)	6.6E-01
cg10827859	ALCAM	chr3	Body	1.08	(0.77; 1.51)	6.6E-01
cg19209943	LOC101929698	chr20	Body	0.92	(0.63; 1.33)	6.6E-01
cg19209943	NOL4L	chr20	Body	0.92	(0.63; 1.33)	6.6E-01
cg25307097	TAOK3	chr12	5'UTR	0.86	(0.45; 1.66)	6.6E-01
cg17608931	RTN4RL1	chr17	Body	1.08	(0.78; 1.49)	6.6E-01
cg12686133	NDUFA9	chr12	Body	1.08	(0.77; 1.5)	6.6E-01
cg11027649	PTPRN2	chr7	Body	0.93	(0.67; 1.29)	6.6E-01
cg15134685	NRXN1	chr2	5'UTR	0.9	(0.56; 1.44)	6.6E-01
cg15134685	NRXN1	chr2	1stExon	0.9	(0.56; 1.44)	6.6E-01
cg15134685	NRXN1	chr2	Body	0.9	(0.56; 1.44)	6.6E-01
cg20538951	TNRC18	chr7	Body	0.93	(0.67; 1.29)	6.6E-01
cg04500377	DDHD2	chr8	5'UTR	0.91	(0.61; 1.36)	6.6E-01
cg02468355	CCDC80	chr3	Body	0.92	(0.62; 1.35)	6.6E-01
cg16602504	FBXO11	chr2	TSS200	0.93	(0.68; 1.28)	6.6E-01
cg13370485	CACNA1C	chr12	Body	0.92	(0.65; 1.31)	6.6E-01
cg12613368	CNTF	chr11	TSS1500	0.92	(0.65; 1.31)	6.6E-01
cg24983959	RTN4RL2	chr11	Body	0.93	(0.68; 1.28)	6.6E-01
cg18897041	FBXO32	chr8	TSS1500	0.94	(0.7; 1.25)	6.6E-01
cg06471194	CHD6	chr20	5'UTR	0.93	(0.67; 1.29)	6.6E-01
cg08139688	FBXO34	chr14	5'UTR	1.09	(0.75; 1.58)	6.6E-01
cg19275556	SLC16A9	chr10	TSS1500	0.92	(0.63; 1.34)	6.6E-01
cg27001250	PTPRS	chr19	Body	0.9	(0.57; 1.42)	6.6E-01
cg19363471	PTPRN2	chr7	Body	0.93	(0.69; 1.27)	6.6E-01

ch.1.893309F	<i>ARID1A</i>	chr1	Body	1.08	(0.76; 1.56)	6.6E-01
cg19313015	<i>CHFR</i>	chr12	TSS200	1.07	(0.78; 1.47)	6.6E-01
cg03631415	<i>ATF7</i>	chr12	5'UTR	1.09	(0.75; 1.59)	6.6E-01
cg03631415	<i>ATF7</i>	chr12	Body	1.09	(0.75; 1.59)	6.6E-01
cg15223713	<i>PTPRN2</i>	chr7	Body	0.93	(0.66; 1.31)	6.6E-01
cg17199010	<i>TNRC18</i>	chr7	Body	1.07	(0.78; 1.47)	6.6E-01
cg10956480	<i>CACNA1C</i>	chr12	Body	0.93	(0.69; 1.26)	6.6E-01
cg16893140	<i>EIF2S1</i>	chr14	Body	1.1	(0.71; 1.71)	6.6E-01
cg13215762	<i>PTPRN2</i>	chr7	Body	0.93	(0.68; 1.28)	6.6E-01
cg10523411	<i>PTPRN2</i>	chr7	Body	1.08	(0.76; 1.55)	6.6E-01
cg01211338	<i>MEIS2</i>	chr15	Body	0.92	(0.64; 1.32)	6.6E-01
cg26180501	<i>PTPRN2</i>	chr7	Body	1.07	(0.78; 1.48)	6.6E-01
cg25013316	<i>TNR</i>	chr1	5'UTR	0.93	(0.66; 1.3)	6.6E-01
cg26772766	<i>RTN4RL1</i>	chr17	TSS200	1.08	(0.77; 1.5)	6.6E-01
cg02243535	<i>RTN4RL1</i>	chr17	Body	0.91	(0.6; 1.38)	6.6E-01
cg26814569	<i>CUX2</i>	chr12	Body	1.09	(0.74; 1.62)	6.6E-01
cg22839394	<i>SUGCT</i>	chr7	Body	0.9	(0.58; 1.42)	6.6E-01
cg07166885	<i>AKAP3</i>	chr12	5'UTR	1.12	(0.67; 1.88)	6.6E-01
cg14072126	<i>FBXO11</i>	chr2	5'UTR	1.11	(0.7; 1.74)	6.6E-01
cg27122614	<i>PTPRN2</i>	chr7	Body	0.92	(0.62; 1.35)	6.6E-01
cg00278211	<i>CACNA1C</i>	chr12	Body	0.92	(0.64; 1.33)	6.6E-01
cg26320504	<i>PTPRN2</i>	chr7	Body	0.94	(0.71; 1.24)	6.6E-01
cg23049823	<i>MTNR1B</i>	chr11	3'UTR	1.11	(0.7; 1.75)	6.6E-01
cg02293852	<i>PTPRU</i>	chr1	Body	1.11	(0.69; 1.79)	6.6E-01
cg26740249	<i>TNRC6C</i>	chr17	5'UTR	1.07	(0.78; 1.48)	6.6E-01
cg19241327	<i>PTPRN2</i>	chr7	Body	0.94	(0.69; 1.26)	6.6E-01
cg13912824	<i>PTPRN2</i>	chr7	Body	1.07	(0.78; 1.47)	6.6E-01
cg20291033	<i>TNR</i>	chr1	TSS200	1.08	(0.77; 1.51)	6.6E-01
cg03565153	<i>PHACTR1</i>	chr6	Body	0.92	(0.63; 1.34)	6.6E-01
cg03416645	<i>ALCAM</i>	chr3	Body	1.08	(0.76; 1.55)	6.6E-01
cg07482256	<i>TNR</i>	chr1	5'UTR	1.07	(0.79; 1.46)	6.6E-01
cg05977462	<i>CUX2</i>	chr12	Body	0.93	(0.68; 1.28)	6.6E-01
cg23963419	<i>RECQL5</i>	chr17	3'UTR	0.93	(0.68; 1.28)	6.6E-01
cg23963419	<i>RECQL5</i>	chr17	Body	0.93	(0.68; 1.28)	6.6E-01
cg08970226	<i>TSHZ3</i>	chr19	TSS1500	1.11	(0.69; 1.8)	6.6E-01
cg23385492	<i>PTPRN2</i>	chr7	Body	1.08	(0.76; 1.54)	6.6E-01
cg13276165	<i>NRXN1</i>	chr2	5'UTR	0.87	(0.47; 1.61)	6.7E-01
cg18101414	<i>CUX2</i>	chr12	Body	1.09	(0.73; 1.64)	6.7E-01
cg22284828	<i>PTPRU</i>	chr1	TSS1500	0.92	(0.64; 1.33)	6.7E-01
cg07033880	<i>AKAP13</i>	chr15	TSS200	1.08	(0.76; 1.53)	6.7E-01
cg14628604	<i>PTPRN2</i>	chr7	Body	1.08	(0.75; 1.57)	6.7E-01
cg06400119	<i>PTPRN2</i>	chr7	Body	0.94	(0.7; 1.26)	6.7E-01
cg20983178	<i>TENM2</i>	chr5	Body	1.07	(0.78; 1.49)	6.7E-01
cg06338523	<i>PTPRN2</i>	chr7	Body	0.93	(0.67; 1.3)	6.7E-01
cg20205227	<i>BRUNOL4</i>	chr18	Body	0.92	(0.64; 1.33)	6.7E-01
cg19576843	<i>CTNND2</i>	chr5	Body	0.93	(0.67; 1.29)	6.7E-01
cg23509665	<i>PTPRN2</i>	chr7	Body	1.08	(0.77; 1.51)	6.7E-01
cg26637901	<i>ATF7IP</i>	chr12	TSS200	0.92	(0.63; 1.35)	6.7E-01
cg21860926	<i>RTN4RL1</i>	chr17	Body	1.08	(0.76; 1.55)	6.7E-01
cg10537277	<i>PDE8A</i>	chr15	Body	1.08	(0.76; 1.54)	6.7E-01
cg04518972	<i>UBE2E2</i>	chr3	5'UTR	0.94	(0.69; 1.27)	6.7E-01
cg04992250	<i>PTPRN2</i>	chr7	Body	1.07	(0.8; 1.43)	6.7E-01
cg05046371	<i>GNA12</i>	chr7	3'UTR	1.07	(0.79; 1.44)	6.7E-01
cg05611722	<i>FBXO32</i>	chr8	5'UTR	0.91	(0.6; 1.39)	6.7E-01
cg05611722	<i>FBXO32</i>	chr8	Body	0.91	(0.6; 1.39)	6.7E-01
cg05914935	<i>ATF7IP2</i>	chr16	TSS1500	1.07	(0.78; 1.47)	6.7E-01
cg09496385	<i>PTPRN2</i>	chr7	Body	0.93	(0.65; 1.32)	6.7E-01
cg08739399	<i>CACNA1C</i>	chr12	Body	1.07	(0.77; 1.49)	6.7E-01
cg27182133	<i>PEX14</i>	chr1	Body	0.93	(0.68; 1.27)	6.7E-01
cg17633611	<i>COL5A2</i>	chr2	Body	0.92	(0.63; 1.34)	6.7E-01
cg11018271	<i>GNA12</i>	chr7	Body	1.07	(0.78; 1.48)	6.7E-01

cg05495351	<i>NRXN1</i>	chr2	TSS200	0.92	(0.65; 1.32)	6.7E-01
cg09838115	<i>PTPRN2</i>	chr7	TSS1500	1.08	(0.76; 1.54)	6.7E-01
cg09838115	<i>PTPRN2</i>	chr7	Body	1.08	(0.76; 1.54)	6.7E-01
cg06612088	<i>CTNND2</i>	chr5	Body	0.94	(0.69; 1.26)	6.7E-01
cg12259070	<i>CSMD2</i>	chr1	Body	0.9	(0.55; 1.47)	6.7E-01
cg15803803	<i>AKAP13</i>	chr15	3'UTR	1.13	(0.64; 2.01)	6.7E-01
cg06258347	<i>CCDC80</i>	chr3	Body	1.11	(0.69; 1.79)	6.7E-01
cg23348430	<i>NRXN1</i>	chr2	Body	1.07	(0.78; 1.48)	6.7E-01
cg21688692	<i>ATP8A1</i>	chr4	Body	0.92	(0.64; 1.33)	6.7E-01
cg13270853	<i>CHFR</i>	chr12	Body	1.07	(0.78; 1.48)	6.7E-01
cg27241559	<i>GNA12</i>	chr7	TSS200	1.08	(0.77; 1.51)	6.7E-01
cg15453257	<i>AKAP13</i>	chr15	5'UTR	0.94	(0.7; 1.26)	6.7E-01
cg18187148	<i>CSMD2</i>	chr1	Body	1.08	(0.77; 1.51)	6.7E-01
cg13302994	<i>UNC80</i>	chr2	Body	1.07	(0.78; 1.47)	6.7E-01
cg03731464	<i>CACNA1C</i>	chr12	3'UTR	0.94	(0.71; 1.24)	6.7E-01
cg12058096	<i>CUX2</i>	chr12	Body	1.1	(0.72; 1.67)	6.7E-01
cg09805902	<i>CSMD2</i>	chr1	Body	1.08	(0.76; 1.54)	6.7E-01
cg00935216	<i>PTPRN2</i>	chr7	Body	1.08	(0.76; 1.52)	6.7E-01
cg14401309	<i>NOL4</i>	chr18	Body	0.93	(0.68; 1.29)	6.7E-01
cg24752821	<i>CHCHD6</i>	chr3	Body	1.09	(0.75; 1.58)	6.7E-01
cg22470248	<i>CDH13</i>	chr16	5'UTR	0.94	(0.7; 1.26)	6.7E-01
cg22470248	<i>CDH13</i>	chr16	Body	0.94	(0.7; 1.26)	6.7E-01
cg17227361	<i>TNR</i>	chr1	5'UTR	0.94	(0.71; 1.25)	6.7E-01
cg04045419	<i>WAC</i>	chr10	Body	0.93	(0.68; 1.28)	6.7E-01
cg07195011	<i>CTNND2</i>	chr5	TSS200	1.08	(0.76; 1.52)	6.7E-01
cg06437651	<i>PTPRN2</i>	chr7	Body	0.92	(0.62; 1.36)	6.7E-01
cg21437042	<i>DNAI2</i>	chr17	Body	0.92	(0.64; 1.34)	6.7E-01
cg27651480	<i>PTPRN2</i>	chr7	Body	1.06	(0.8; 1.4)	6.7E-01
cg00496251	<i>TNRC6C</i>	chr17	5'UTR	1.07	(0.79; 1.45)	6.7E-01
cg07746840	<i>NOL4L</i>	chr20	Body	0.93	(0.67; 1.3)	6.7E-01
cg19438860	<i>CTNND2</i>	chr5	Body	1.07	(0.78; 1.48)	6.7E-01
cg20752485	<i>RNU5E-1</i>	chr5	Body	1.07	(0.78; 1.46)	6.7E-01
cg06666340	<i>CACNA1C</i>	chr12	Body	0.93	(0.68; 1.28)	6.7E-01
cg27042719	<i>NRXN1</i>	chr2	5'UTR	1.09	(0.73; 1.64)	6.7E-01
cg27042719	<i>NRXN1</i>	chr2	1stExon	1.09	(0.73; 1.64)	6.7E-01
cg21843225	<i>CDH13</i>	chr16	5'UTR	0.94	(0.69; 1.27)	6.7E-01
cg21843225	<i>CDH13</i>	chr16	Body	0.94	(0.69; 1.27)	6.7E-01
cg20819956	<i>ZBTB20</i>	chr3	Body	1.07	(0.77; 1.49)	6.7E-01
cg01324883	<i>UBE2E2</i>	chr3	TSS200	0.93	(0.68; 1.29)	6.7E-01
cg22455501	<i>ZBTB20</i>	chr3	Body	0.83	(0.36; 1.93)	6.7E-01
cg22455501	<i>ZBTB20</i>	chr3	5'UTR	0.83	(0.36; 1.93)	6.7E-01
cg18506400	<i>SUSD4</i>	chr1	Body	1.13	(0.64; 2.02)	6.7E-01
cg14239494	<i>CHD6</i>	chr20	5'UTR	0.93	(0.66; 1.3)	6.7E-01
cg23217983	<i>SGIP1</i>	chr1	Body	0.89	(0.52; 1.53)	6.7E-01
cg18142413	<i>ZBTB20</i>	chr3	5'UTR	1.08	(0.76; 1.52)	6.7E-01
cg18142413	<i>ZBTB20</i>	chr3	Body	1.08	(0.76; 1.52)	6.7E-01
cg19428071	<i>NRXN1</i>	chr2	Body	0.92	(0.61; 1.37)	6.7E-01
cg23202188	<i>DNAI2</i>	chr17	Body	1.12	(0.67; 1.87)	6.7E-01
cg20379170	<i>PTPRS</i>	chr19	5'UTR	0.94	(0.69; 1.27)	6.7E-01
cg08933276	<i>GNA12</i>	chr7	3'UTR	1.07	(0.77; 1.51)	6.7E-01
cg12069652	<i>WWOX</i>	chr16	Body	0.93	(0.67; 1.3)	6.8E-01
cg26999360	<i>PTPRN2</i>	chr7	Body	0.94	(0.69; 1.27)	6.8E-01
cg22380090	<i>SLC16A9</i>	chr10	Body	1.07	(0.79; 1.45)	6.8E-01
cg23138603	<i>CDH13</i>	chr16	Body	0.94	(0.7; 1.26)	6.8E-01
cg04626603	<i>POU2F1</i>	chr1	Body	1.08	(0.75; 1.55)	6.8E-01
cg10789161	<i>RAP1B</i>	chr12	5'UTR	1.08	(0.76; 1.53)	6.8E-01
cg19840924	<i>ZNF704</i>	chr8	Body	0.91	(0.58; 1.42)	6.8E-01
cg12496211	<i>CACNA1C</i>	chr12	Body	1.14	(0.61; 2.14)	6.8E-01
cg07028533	<i>CNTNAP2</i>	chr7	TSS200	1.11	(0.69; 1.79)	6.8E-01
cg19428799	<i>ATP8A1</i>	chr4	ExonBnd	0.93	(0.66; 1.31)	6.8E-01
cg19428799	<i>ATP8A1</i>	chr4	Body	0.93	(0.66; 1.31)	6.8E-01

cg13333143	<i>CTDSP2</i>	chr12	Body	0.93	(0.68; 1.28)	6.8E-01
cg03399048	<i>PTPRN2</i>	chr7	Body	1.07	(0.78; 1.47)	6.8E-01
cg12775835	<i>TNRC18</i>	chr7	5'UTR	0.92	(0.64; 1.34)	6.8E-01
cg14370061	<i>GNA12</i>	chr7	Body	0.93	(0.68; 1.29)	6.8E-01
cg26898039	<i>CSMD2</i>	chr1	Body	1.07	(0.78; 1.47)	6.8E-01
cg19431282	<i>ATF7</i>	chr12	Body	1.07	(0.77; 1.5)	6.8E-01
cg23784675	<i>BRUNOL4</i>	chr18	Body	0.95	(0.73; 1.23)	6.8E-01
cg02590940	<i>DCUN1D4</i>	chr4	TSS200	0.94	(0.69; 1.28)	6.8E-01
cg02590940	<i>DCUN1D4</i>	chr4	TSS1500	0.94	(0.69; 1.28)	6.8E-01
cg11206667	<i>FBXO36</i>	chr2	TSS1500	1.07	(0.77; 1.5)	6.8E-01
cg25576789	<i>PTPRN2</i>	chr7	Body	1.06	(0.79; 1.43)	6.8E-01
cg09720642	<i>WVOX</i>	chr16	Body	1.11	(0.67; 1.85)	6.8E-01
cg06815950	<i>CUX2</i>	chr12	Body	0.9	(0.55; 1.48)	6.8E-01
cg02860232	<i>PTPRS</i>	chr19	5'UTR	1.07	(0.77; 1.49)	6.8E-01
cg26416887	<i>CUX2</i>	chr12	Body	1.12	(0.65; 1.96)	6.8E-01
cg09437479	<i>WVOX</i>	chr16	Body	0.94	(0.69; 1.27)	6.8E-01
cg15504666	<i>ERI3</i>	chr1	Body	0.94	(0.69; 1.27)	6.8E-01
cg10758260	<i>TNFRSF19</i>	chr13	Body	1.07	(0.79; 1.44)	6.8E-01
cg13647052	<i>CACNA1C</i>	chr12	3'UTR	1.07	(0.78; 1.48)	6.8E-01
cg11356247	<i>PTPRN2</i>	chr7	Body	0.94	(0.68; 1.28)	6.8E-01
cg11111139	<i>PTPRN2</i>	chr7	Body	1.1	(0.7; 1.74)	6.8E-01
cg08791395	<i>PTPRN2</i>	chr7	Body	1.07	(0.77; 1.48)	6.8E-01
cg07092029	<i>CDH13</i>	chr16	Body	0.94	(0.71; 1.25)	6.8E-01
cg21577836	<i>TNR</i>	chr1	5'UTR	0.93	(0.64; 1.34)	6.8E-01
cg04879722	<i>ZBTB20</i>	chr3	5'UTR	1.08	(0.76; 1.53)	6.8E-01
cg01401641	<i>TSHZ3</i>	chr19	Body	0.92	(0.62; 1.36)	6.8E-01
cg04234813	<i>CUX2</i>	chr12	Body	0.91	(0.59; 1.4)	6.8E-01
cg26463800	<i>DNAI2</i>	chr17	Body	0.92	(0.63; 1.36)	6.8E-01
cg13822242	<i>PTPRN2</i>	chr7	Body	1.07	(0.78; 1.45)	6.8E-01
cg12453033	<i>FBXO36</i>	chr2	Body	1.06	(0.8; 1.4)	6.8E-01
cg15208375	<i>TSHZ3</i>	chr19	TSS1500	1.08	(0.74; 1.58)	6.8E-01
cg17574857	<i>FBXO38</i>	chr5	TSS200	1.07	(0.77; 1.51)	6.8E-01
cg11589771	<i>RNU5E-1</i>	chr5	Body	0.92	(0.63; 1.35)	6.8E-01
cg22504024	<i>CUX2</i>	chr12	Body	0.94	(0.69; 1.28)	6.8E-01
cg16307325	<i>CACNA1C</i>	chr12	Body	0.94	(0.69; 1.28)	6.8E-01
cg02694994	<i>PTPRN2</i>	chr7	Body	1.08	(0.75; 1.54)	6.8E-01
cg08250528	<i>ATF7</i>	chr12	TSS1500	1.07	(0.77; 1.5)	6.8E-01
cg00250414	<i>PTPRN2</i>	chr7	Body	1.08	(0.74; 1.58)	6.8E-01
cg03696369	<i>SRSF10</i>	chr1	TSS200	0.94	(0.7; 1.27)	6.8E-01
cg01383997	<i>CHCHD6</i>	chr3	Body	0.92	(0.63; 1.35)	6.8E-01
cg03098704	<i>RTN4RL1</i>	chr17	Body	0.92	(0.64; 1.34)	6.8E-01
cg16638558	<i>FBXO31</i>	chr16	Body	0.93	(0.67; 1.3)	6.8E-01
cg00526275	<i>TAOK3</i>	chr12	TSS1500	0.92	(0.64; 1.34)	6.8E-01
cg17746562	<i>ELAVL4</i>	chr1	Body	0.93	(0.66; 1.31)	6.8E-01
cg16430909	<i>SLC16A9</i>	chr10	TSS200	0.93	(0.68; 1.29)	6.8E-01
cg11415369	<i>TNRC18</i>	chr7	Body	0.92	(0.62; 1.37)	6.8E-01
cg04254468	<i>PEX14</i>	chr1	Body	1.09	(0.72; 1.64)	6.8E-01
cg25278175	<i>NRXN1</i>	chr2	Body	1.06	(0.8; 1.41)	6.8E-01
cg04554506	<i>MEIS2</i>	chr15	Body	1.08	(0.75; 1.55)	6.8E-01
cg11306119	<i>PTPRS</i>	chr19	Body	1.08	(0.74; 1.58)	6.8E-01
cg08828886	<i>CHFR</i>	chr12	Body	0.94	(0.69; 1.28)	6.8E-01
cg05829749	<i>FBXO31</i>	chr16	Body	1.07	(0.78; 1.47)	6.8E-01
cg26006910	<i>MTNR1A</i>	chr4	Body	0.93	(0.67; 1.3)	6.8E-01
cg00453903	<i>TNFRSF11B</i>	chr8	3'UTR	1.09	(0.72; 1.65)	6.8E-01
cg07269364	<i>PTPRN2</i>	chr7	Body	1.07	(0.78; 1.48)	6.8E-01
cg12784167	<i>PTPRN2</i>	chr7	Body	1.06	(0.8; 1.41)	6.8E-01
cg25973835	<i>ZBTB20</i>	chr3	Body	0.89	(0.53; 1.52)	6.8E-01
cg25973835	<i>ZBTB20</i>	chr3	5'UTR	0.89	(0.53; 1.52)	6.8E-01
cg12919119	<i>CTDSPL</i>	chr3	Body	0.85	(0.39; 1.84)	6.8E-01
cg03224285	<i>RTN4RL1</i>	chr17	Body	0.92	(0.62; 1.36)	6.8E-01
cg24563907	<i>CHCHD6</i>	chr3	Body	1.08	(0.75; 1.55)	6.8E-01

cg22301272	CHFR	chr12	Body	1.08	(0.75; 1.54)	6.8E-01
cg02250680	ZFP91	chr11	TSS200	0.93	(0.67; 1.3)	6.8E-01
cg15896717	WVOX	chr16	Body	0.92	(0.61; 1.38)	6.8E-01
cg24841685	NRXN1	chr2	Body	0.92	(0.64; 1.35)	6.8E-01
cg03530940	CACNA1C	chr12	Body	0.92	(0.63; 1.35)	6.8E-01
cg13628971	GNA12	chr7	TSS1500	1.07	(0.76; 1.51)	6.8E-01
cg03796321	AKAP13	chr15	Body	1.07	(0.77; 1.48)	6.8E-01
cg09042009	PTPRN2	chr7	Body	1.08	(0.75; 1.54)	6.8E-01
cg04564233	PTPRN2	chr7	Body	1.08	(0.76; 1.53)	6.8E-01
cg25012186	TNRC6A	chr16	Body	0.93	(0.67; 1.3)	6.8E-01
cg09235185	PTPRN2	chr7	Body	0.94	(0.69; 1.28)	6.8E-01
cg06544239	GNA12	chr7	Body	1.07	(0.76; 1.51)	6.8E-01
cg10943443	TNRC6C	chr17	Body	1.08	(0.74; 1.57)	6.8E-01
cg13784796	MEIS2	chr15	Body	1.07	(0.77; 1.49)	6.8E-01
cg27441375	POU2F1	chr1	Body	0.92	(0.62; 1.36)	6.8E-01
cg05666842	CHCHD6	chr3	Body	1.07	(0.78; 1.47)	6.8E-01
cg04282886	TDRP	chr8	Body	1.07	(0.77; 1.49)	6.8E-01
cg14053764	FBXO34	chr14	5'UTR	0.89	(0.51; 1.55)	6.8E-01
cg01625945	PTPRN2	chr7	Body	0.94	(0.69; 1.28)	6.8E-01
cg25779426	SGIP1	chr1	Body	1.09	(0.71; 1.67)	6.8E-01
cg25779426	SGIP1	chr1	ExonBnd	1.09	(0.71; 1.67)	6.8E-01
cg07251887	LOC100130933	chr17	TSS1500	0.9	(0.53; 1.51)	6.8E-01
cg07251887	RECQL5	chr17	Body	0.9	(0.53; 1.51)	6.8E-01
cg09283959	TNR	chr1	5'UTR	0.92	(0.63; 1.36)	6.8E-01
cg00968541	CPEB1	chr15	Body	0.93	(0.67; 1.3)	6.8E-01
cg00968541	CPEB1	chr15	5'UTR	0.93	(0.67; 1.3)	6.8E-01
cg08017787	PTPRN2	chr7	Body	1.07	(0.76; 1.51)	6.8E-01
cg24258098	PTPRN2	chr7	Body	0.94	(0.68; 1.29)	6.8E-01
cg04821052	TNR	chr1	Body	0.91	(0.58; 1.43)	6.8E-01
cg13721404	NOL4	chr18	Body	0.91	(0.59; 1.41)	6.9E-01
cg24723129	FSTL1	chr3	Body	0.94	(0.68; 1.29)	6.9E-01
cg06437195	PHACTR1	chr6	Body	1.08	(0.73; 1.6)	6.9E-01
cg11365983	PTPRN2	chr7	Body	1.06	(0.79; 1.44)	6.9E-01
cg20195987	TNFRSF12A	chr16	Body	0.94	(0.68; 1.29)	6.9E-01
cg14081218	CTNND2	chr5	5'UTR	0.92	(0.62; 1.38)	6.9E-01
cg14081218	CTNND2	chr5	1stExon	0.92	(0.62; 1.38)	6.9E-01
cg02260059	WVOX	chr16	Body	1.09	(0.71; 1.67)	6.9E-01
cg05375813	PEX14	chr1	Body	0.92	(0.62; 1.37)	6.9E-01
cg19775269	PTPRS	chr19	5'UTR	0.92	(0.61; 1.39)	6.9E-01
cg04316898	CUX2	chr12	Body	1.13	(0.63; 2)	6.9E-01
cg05557932	CREBBP	chr16	Body	0.93	(0.65; 1.32)	6.9E-01
cg27366532	CREBBP	chr16	Body	1.09	(0.72; 1.66)	6.9E-01
cg22261866	MTNR1A	chr4	Body	1.08	(0.74; 1.57)	6.9E-01
cg21806090	CACNA1C	chr12	Body	1.06	(0.8; 1.41)	6.9E-01
cg12271047	PTPRN2	chr7	Body	1.06	(0.79; 1.43)	6.9E-01
cg05934196	TNFRSF10B	chr8	Body	0.93	(0.67; 1.3)	6.9E-01
cg23690033	MEIS2	chr15	TSS200	0.93	(0.66; 1.31)	6.9E-01
cg23690033	MEIS2	chr15	TSS1500	0.93	(0.66; 1.31)	6.9E-01
cg11844927	TNFRSF1B	chr1	Body	1.09	(0.71; 1.68)	6.9E-01
cg09124230	CSMD2	chr1	Body	0.92	(0.63; 1.36)	6.9E-01
cg12786198	FBXO34	chr14	5'UTR	0.94	(0.68; 1.3)	6.9E-01
cg15107350	TNRC18	chr7	Body	1.07	(0.76; 1.53)	6.9E-01
cg24954977	PDE8A	chr15	Body	0.94	(0.68; 1.28)	6.9E-01
cg04622731	PTPRN2	chr7	Body	1.07	(0.77; 1.48)	6.9E-01
cg02855778	PTPRN2	chr7	Body	0.92	(0.63; 1.36)	6.9E-01
cg01785566	WVOX	chr16	Body	1.08	(0.74; 1.57)	6.9E-01
cg10952591	EIF2S1	chr14	5'UTR	0.94	(0.67; 1.3)	6.9E-01
cg04914625	PHACTR1	chr6	Body	0.93	(0.64; 1.34)	6.9E-01
cg02540427	CTDSP2	chr12	Body	0.93	(0.67; 1.3)	6.9E-01
cg02441015	PTPRS	chr19	Body	1.08	(0.75; 1.56)	6.9E-01
cg18725000	POU2F1	chr1	3'UTR	1.07	(0.76; 1.51)	6.9E-01

cg18725000	<i>POU2F1</i>	chr1	Body	1.07	(0.76; 1.51)	6.9E-01
cg04882424	<i>FBXO31</i>	chr16	Body	1.07	(0.77; 1.48)	6.9E-01
cg08381776	<i>PTPRN2</i>	chr7	Body	1.07	(0.76; 1.51)	6.9E-01
cg06373764	<i>SLC16A9</i>	chr10	TSS200	0.94	(0.71; 1.25)	6.9E-01
cg12108651	<i>PTPRN2</i>	chr7	Body	0.94	(0.69; 1.28)	6.9E-01
cg05416758	<i>PTPRN2</i>	chr7	Body	1.07	(0.75; 1.53)	6.9E-01
cg18395809	<i>PTPRN2</i>	chr7	Body	0.93	(0.66; 1.32)	6.9E-01
cg12903574	<i>MEIS2</i>	chr15	Body	0.92	(0.62; 1.37)	6.9E-01
cg16652937	<i>UBE2E2</i>	chr3	TSS1500	0.93	(0.65; 1.32)	6.9E-01
cg09198517	<i>CTNND2</i>	chr5	Body	0.93	(0.65; 1.33)	6.9E-01
cg22016357	<i>ZBTB20</i>	chr3	Body	1.06	(0.78; 1.45)	6.9E-01
cg22016357	<i>ZBTB20</i>	chr3	3'UTR	1.06	(0.78; 1.45)	6.9E-01
cg27269279	<i>BARX2</i>	chr11	Body	1.1	(0.7; 1.71)	6.9E-01
cg16593030	<i>TNFRSF10B</i>	chr8	Body	1.08	(0.75; 1.55)	6.9E-01
cg13896328	<i>PTPRU</i>	chr1	3'UTR	0.94	(0.68; 1.29)	6.9E-01
cg06889607	<i>EIF2S1</i>	chr14	TSS1500	1.14	(0.6; 2.17)	6.9E-01
cg12758060	<i>CTNND2</i>	chr5	Body	0.92	(0.59; 1.42)	6.9E-01
cg12758060	<i>CTNND2</i>	chr5	5'UTR	0.92	(0.59; 1.42)	6.9E-01
cg07602744	<i>PTPRN2</i>	chr7	Body	1.07	(0.77; 1.47)	6.9E-01
cg07976976	<i>CDH11</i>	chr16	5'UTR	1.06	(0.78; 1.45)	6.9E-01
cg23581430	<i>CREBBP</i>	chr16	Body	1.08	(0.75; 1.55)	6.9E-01
cg06376186	<i>CNTNAP2</i>	chr7	Body	0.93	(0.65; 1.33)	6.9E-01
cg27532130	<i>POU2F1</i>	chr1	3'UTR	0.93	(0.66; 1.32)	6.9E-01
cg25636629	<i>CDH13</i>	chr16	5'UTR	1.12	(0.64; 1.96)	6.9E-01
cg25636629	<i>CDH13</i>	chr16	Body	1.12	(0.64; 1.96)	6.9E-01
cg18409730	<i>BRUNOL4</i>	chr18	TSS1500	1.07	(0.78; 1.46)	6.9E-01
cg20224341	<i>ALCAM</i>	chr3	Body	0.93	(0.67; 1.31)	6.9E-01
cg26805263	<i>TNFRSF19</i>	chr13	Body	1.06	(0.78; 1.45)	6.9E-01
cg03641797	<i>TNRC18</i>	chr7	Body	1.08	(0.74; 1.57)	6.9E-01
cg03214325	<i>RTN4RL1</i>	chr17	Body	1.09	(0.71; 1.68)	6.9E-01
cg15733309	<i>PTPRN2</i>	chr7	Body	0.94	(0.67; 1.3)	6.9E-01
cg01260909	<i>CACNA1C-IT2</i>	chr12	TSS1500	0.92	(0.62; 1.37)	6.9E-01
cg23442151	<i>CSMD2</i>	chr1	1stExon	0.94	(0.7; 1.27)	6.9E-01
cg06554120	<i>CTNND2</i>	chr5	Body	0.92	(0.61; 1.39)	6.9E-01
cg20468476	<i>PTPRS</i>	chr19	Body	1.07	(0.77; 1.49)	6.9E-01
cg11022060	<i>CPEB1</i>	chr15	Body	1.14	(0.6; 2.18)	6.9E-01
cg09939591	<i>CACNA1C</i>	chr12	Body	0.88	(0.48; 1.64)	6.9E-01
cg17901106	<i>CACNA1C</i>	chr12	TSS200	1.11	(0.66; 1.86)	6.9E-01
cg09068718	<i>CACNA1C</i>	chr12	Body	0.9	(0.54; 1.51)	6.9E-01
cg07171237	<i>CHFR</i>	chr12	Body	1.07	(0.76; 1.5)	6.9E-01
cg11887629	<i>PTPRS</i>	chr19	Body	1.08	(0.73; 1.61)	6.9E-01
cg27596096	<i>CDH13</i>	chr16	Body	1.07	(0.75; 1.54)	6.9E-01
cg27596096	<i>LOC101928417</i>	chr16	TSS1500	1.07	(0.75; 1.54)	6.9E-01
cg27596096	<i>CDH13</i>	chr16	5'UTR	1.07	(0.75; 1.54)	6.9E-01
cg03621156	<i>FBXO11</i>	chr2	TSS1500	0.93	(0.66; 1.31)	6.9E-01
cg03621156	<i>FBXO11</i>	chr2	Body	0.93	(0.66; 1.31)	6.9E-01
cg10989818	<i>WWOX</i>	chr16	Body	0.93	(0.66; 1.32)	6.9E-01
cg24105728	<i>PHACTR1</i>	chr6	Body	0.92	(0.6; 1.41)	6.9E-01
cg08260861	<i>CNTNAP2</i>	chr7	Body	0.92	(0.63; 1.37)	6.9E-01
cg00949479	<i>SGIP1</i>	chr1	Body	0.94	(0.68; 1.29)	6.9E-01
cg14581294	<i>FBXO36</i>	chr2	TSS1500	1.06	(0.78; 1.45)	6.9E-01
cg06955214	<i>PTPRN2</i>	chr7	Body	0.93	(0.64; 1.34)	6.9E-01
cg00616441	<i>ZBTB20</i>	chr3	Body	1.12	(0.65; 1.93)	6.9E-01
cg00616441	<i>ZBTB20</i>	chr3	5'UTR	1.12	(0.65; 1.93)	6.9E-01
cg13089335	<i>POU2F1</i>	chr1	5'UTR	0.9	(0.52; 1.55)	6.9E-01
cg16429476	<i>TNFRSF1A</i>	chr12	Body	0.93	(0.66; 1.32)	6.9E-01
cg16525045	<i>CHD6</i>	chr20	5'UTR	0.94	(0.67; 1.3)	6.9E-01
cg13245883	<i>ELAVL4</i>	chr1	Body	1.08	(0.73; 1.59)	7.0E-01
cg15055782	<i>BARX2</i>	chr11	Body	0.93	(0.66; 1.32)	7.0E-01
cg02306654	<i>PTPRN2</i>	chr7	Body	1.07	(0.76; 1.5)	7.0E-01
cg03462556	<i>SLC16A9</i>	chr10	5'UTR	1.07	(0.77; 1.49)	7.0E-01

cg09844992	ALCAM	chr3	Body	0.92	(0.59; 1.42)	7.0E-01
cg12256469	PTPRN2	chr7	Body	0.93	(0.65; 1.33)	7.0E-01
cg09218348	RTN4RL1	chr17	Body	1.12	(0.64; 1.95)	7.0E-01
cg23053506	PTPRN2	chr7	Body	0.94	(0.69; 1.28)	7.0E-01
cg14404164	PTPRN2	chr7	Body	1.07	(0.78; 1.46)	7.0E-01
cg01492538	GNA12	chr7	Body	1.18	(0.52; 2.65)	7.0E-01
cg05015185	NRXN1	chr2	Body	1.07	(0.76; 1.5)	7.0E-01
cg05015185	NRXN1	chr2	1stExon	1.07	(0.76; 1.5)	7.0E-01
cg05015185	NRXN1	chr2	5'UTR	1.07	(0.76; 1.5)	7.0E-01
cg08857677	PTPRS	chr19	TSS1500	1.07	(0.76; 1.51)	7.0E-01
cg19468528	LOC100130933	chr17	TSS1500	0.86	(0.4; 1.85)	7.0E-01
cg19468528	RECQL5	chr17	Body	0.86	(0.4; 1.85)	7.0E-01
cg04253465	PTPRS	chr19	Body	0.93	(0.66; 1.32)	7.0E-01
cg04441333	PTPRN2	chr7	Body	1.07	(0.77; 1.48)	7.0E-01
cg19308029	RNU5E-1	chr5	Body	0.92	(0.62; 1.37)	7.0E-01
cg13046957	CDH13	chr16	Body	0.94	(0.67; 1.31)	7.0E-01
cg14079445	CUX2	chr12	Body	0.94	(0.68; 1.3)	7.0E-01
cg23786763	MTCL1	chr18	Body	0.93	(0.67; 1.31)	7.0E-01
cg03660451	RECQL5	chr17	TSS1500	0.94	(0.69; 1.28)	7.0E-01
cg25503104	DMXL2	chr15	Body	0.92	(0.6; 1.41)	7.0E-01
cg08445469	ATF7	chr12	Body	0.88	(0.48; 1.64)	7.0E-01
cg18064706	PTPRN2	chr7	Body	0.94	(0.68; 1.29)	7.0E-01
cg14426421	ACVR2A	chr2	TSS1500	0.91	(0.55; 1.48)	7.0E-01
cg26229208	WVOX	chr16	TSS1500	1.07	(0.76; 1.52)	7.0E-01
cg00807464	CUX2	chr12	Body	1.11	(0.65; 1.9)	7.0E-01
cg07083023	NRXN1	chr2	Body	1.06	(0.79; 1.41)	7.0E-01
cg12845678	TNRC18	chr7	Body	0.94	(0.67; 1.31)	7.0E-01
cg01660591	TNFRSF1B	chr1	Body	1.08	(0.72; 1.62)	7.0E-01
cg19175725	PTPRN2	chr7	Body	1.07	(0.76; 1.51)	7.0E-01
cg17026475	MEIS2	chr15	5'UTR	1.06	(0.78; 1.45)	7.0E-01
cg17026475	MEIS2	chr15	1stExon	1.06	(0.78; 1.45)	7.0E-01
cg17026475	MEIS2	chr15	Body	1.06	(0.78; 1.45)	7.0E-01
cg17026475	MEIS2	chr15	TSS1500	1.06	(0.78; 1.45)	7.0E-01
cg24798493	TNRC18	chr7	TSS200	1.07	(0.77; 1.49)	7.0E-01
cg03289443	FBXO32	chr8	Body	0.93	(0.66; 1.33)	7.0E-01
cg23085929	SRSF12	chr6	TSS1500	1.07	(0.77; 1.48)	7.0E-01
cg03688938	TNFRSF19	chr13	TSS1500	1.08	(0.73; 1.6)	7.0E-01
cg22146493	CHCHD6	chr3	Body	1.08	(0.74; 1.57)	7.0E-01
cg17614582	PTPRN2	chr7	Body	0.94	(0.68; 1.3)	7.0E-01
cg25411327	PTPRS	chr19	Body	1.06	(0.78; 1.45)	7.0E-01
cg16066439	TAOK3	chr12	Body	1.07	(0.75; 1.52)	7.0E-01
cg05436825	PTPRN2	chr7	Body	0.9	(0.54; 1.51)	7.0E-01
cg19316123	COL5A2	chr2	Body	0.94	(0.7; 1.27)	7.0E-01
cg00460944	CHFR	chr12	Body	1.06	(0.79; 1.43)	7.0E-01
cg02493260	RTN4	chr2	Body	1.08	(0.74; 1.57)	7.0E-01
cg02493260	RTN4	chr2	5'UTR	1.08	(0.74; 1.57)	7.0E-01
cg25023275	BRUNOL4	chr18	TSS1500	0.94	(0.68; 1.29)	7.0E-01
cg22196130	CHFR	chr12	Body	1.07	(0.77; 1.48)	7.0E-01
cg07306108	PTPRN2	chr7	Body	0.95	(0.72; 1.25)	7.0E-01
cg18613685	PTPRS	chr19	Body	1.13	(0.61; 2.07)	7.0E-01
cg21475065	CNTNAP2	chr7	Body	0.94	(0.69; 1.28)	7.0E-01
cg14773588	PHACTR1	chr6	Body	1.08	(0.74; 1.58)	7.0E-01
cg03875668	CACNA1C	chr12	Body	1.06	(0.78; 1.46)	7.0E-01
cg25466245	SUSD4	chr1	Body	0.92	(0.61; 1.4)	7.0E-01
cg25813630	RTN4RL1	chr17	Body	0.93	(0.63; 1.37)	7.0E-01
cg11099300	SUGCT	chr7	Body	0.93	(0.66; 1.32)	7.0E-01
cg07340881	RECQL5	chr17	Body	1.07	(0.75; 1.53)	7.0E-01
cg03476864	PTPRN2	chr7	Body	1.06	(0.79; 1.43)	7.0E-01
cg16085344	ATP8A1	chr4	3'UTR	0.93	(0.66; 1.32)	7.0E-01
cg16444117	CTDSP2	chr12	TSS200	0.95	(0.71; 1.25)	7.0E-01
cg22550233	CACNA1C	chr12	Body	1.09	(0.71; 1.66)	7.0E-01

cg16627193	<i>PTPRN2</i>	chr7	Body	0.94	(0.69; 1.29)	7.0E-01
cg23229205	<i>AKAP13</i>	chr15	5'UTR	0.93	(0.66; 1.32)	7.0E-01
cg06184056	<i>FBXO32</i>	chr8	TSS1500	1.06	(0.77; 1.47)	7.0E-01
cg06184056	<i>FBXO32</i>	chr8	Body	1.06	(0.77; 1.47)	7.0E-01
cg26975265	<i>MTCL1</i>	chr18	Body	0.94	(0.7; 1.28)	7.0E-01
cg20559657	<i>PTPRS</i>	chr19	5'UTR	1.1	(0.68; 1.77)	7.0E-01
cg03750952	<i>CTDSPL2</i>	chr15	TSS1500	0.9	(0.53; 1.54)	7.0E-01
cg07816047	<i>CTDSPL</i>	chr3	Body	1.1	(0.67; 1.82)	7.0E-01
cg12032045	<i>TENM2</i>	chr5	Body	0.94	(0.66; 1.32)	7.0E-01
cg19149693	<i>ZBTB20</i>	chr3	5'UTR	0.93	(0.65; 1.33)	7.0E-01
cg09847027	<i>WAC</i>	chr10	Body	0.94	(0.67; 1.31)	7.0E-01
cg26606397	<i>RAP1B</i>	chr12	5'UTR	0.94	(0.68; 1.3)	7.0E-01
cg26606397	<i>RAP1B</i>	chr12	1stExon	0.94	(0.68; 1.3)	7.0E-01
cg25654366	<i>ERI3</i>	chr1	Body	0.91	(0.57; 1.46)	7.0E-01
cg05374412	<i>CDH13</i>	chr16	1stExon	1.08	(0.73; 1.6)	7.0E-01
cg02413048	<i>TENM2</i>	chr5	Body	0.94	(0.66; 1.32)	7.0E-01
cg00663719	<i>WVOX</i>	chr16	Body	1.09	(0.7; 1.69)	7.0E-01
cg01082843	<i>UNC80</i>	chr2	1stExon	0.94	(0.67; 1.31)	7.0E-01
cg02536545	<i>AKAP13</i>	chr15	Body	0.94	(0.68; 1.3)	7.1E-01
cg13800273	<i>TNRC6C</i>	chr17	Body	0.94	(0.68; 1.3)	7.1E-01
cg23257256	<i>ATF7IP</i>	chr12	5'UTR	1.15	(0.56; 2.35)	7.1E-01
cg23257256	<i>ATF7IP</i>	chr12	1stExon	1.15	(0.56; 2.35)	7.1E-01
cg02204363	<i>TENM2</i>	chr5	Body	0.93	(0.65; 1.35)	7.1E-01
cg06138156	<i>PTPRN2</i>	chr7	Body	0.94	(0.67; 1.31)	7.1E-01
cg13015528	<i>CDH13</i>	chr16	Body	1.06	(0.78; 1.44)	7.1E-01
cg17415451	<i>CTNND2</i>	chr5	Body	0.94	(0.7; 1.28)	7.1E-01
cg12270633	<i>SGIP1</i>	chr1	Body	1.07	(0.75; 1.54)	7.1E-01
cg05259094	<i>FBXO31</i>	chr16	Body	1.08	(0.73; 1.58)	7.1E-01
cg03611057	<i>PTPRN2</i>	chr7	Body	0.93	(0.62; 1.38)	7.1E-01
cg02822717	<i>SUGCT</i>	chr7	Body	1.06	(0.79; 1.43)	7.1E-01
cg01966636	<i>UBE2E2</i>	chr3	Body	1.07	(0.76; 1.49)	7.1E-01
cg14609593	<i>RNU5E-1</i>	chr5	Body	1.08	(0.71; 1.65)	7.1E-01
cg12415687	<i>PTPRN2</i>	chr7	Body	1.09	(0.7; 1.71)	7.1E-01
cg06884854	<i>WVOX</i>	chr16	Body	1.07	(0.76; 1.5)	7.1E-01
cg07471768	<i>RTN4RL1</i>	chr17	Body	1.1	(0.67; 1.81)	7.1E-01
cg02959759	<i>CACNA1C</i>	chr12	3'UTR	1.08	(0.73; 1.6)	7.1E-01
cg07176561	<i>PTPRN2</i>	chr7	Body	0.94	(0.7; 1.28)	7.1E-01
cg08166587	<i>CACNA1C</i>	chr12	Body	1.07	(0.74; 1.56)	7.1E-01
cg01491398	<i>PTPRN2</i>	chr7	Body	0.93	(0.63; 1.37)	7.1E-01
cg05372614	<i>FBXO36</i>	chr2	Body	1.1	(0.66; 1.84)	7.1E-01
cg19564615	<i>FBXO31</i>	chr16	Body	0.94	(0.66; 1.33)	7.1E-01
cg09136067	<i>PHACTR1</i>	chr6	Body	0.82	(0.28; 2.38)	7.1E-01
cg22507969	<i>CNTNAP2</i>	chr7	Body	0.94	(0.69; 1.28)	7.1E-01
cg06892796	<i>PTPRN2</i>	chr7	Body	0.94	(0.7; 1.28)	7.1E-01
cg14752176	<i>PTPRN2</i>	chr7	Body	0.94	(0.68; 1.3)	7.1E-01
cg19368325	<i>PTPRN2</i>	chr7	Body	1.06	(0.79; 1.42)	7.1E-01
cg13550230	<i>SRSF10</i>	chr1	Body	0.91	(0.55; 1.5)	7.1E-01
cg23808061	<i>CEP350</i>	chr1	TSS1500	0.94	(0.69; 1.29)	7.1E-01
cg08106847	<i>PTPRN2</i>	chr7	Body	1.05	(0.81; 1.37)	7.1E-01
cg14051111	<i>PTPRN2</i>	chr7	Body	1.06	(0.78; 1.45)	7.1E-01
cg26963892	<i>CDH11</i>	chr16	Body	0.93	(0.65; 1.34)	7.1E-01
cg08141495	<i>NOL4</i>	chr18	Body	0.93	(0.62; 1.38)	7.1E-01
cg08774817	<i>CNTNAP2</i>	chr7	Body	0.94	(0.66; 1.33)	7.1E-01
cg03377073	<i>PTPRN2</i>	chr7	Body	0.94	(0.7; 1.27)	7.1E-01
cg04051640	<i>CACNA1C</i>	chr12	Body	0.93	(0.62; 1.38)	7.1E-01
cg20349650	<i>ZBTB20</i>	chr3	TSS1500	1.07	(0.76; 1.5)	7.1E-01
cg20349650	<i>ZBTB20</i>	chr3	5'UTR	1.07	(0.76; 1.5)	7.1E-01
cg04996219	<i>CTNND2</i>	chr5	TSS200	0.93	(0.66; 1.33)	7.1E-01
cg21875543	<i>WVOX</i>	chr16	Body	0.93	(0.62; 1.38)	7.1E-01
cg27658314	<i>PTPRN2</i>	chr7	Body	1.06	(0.77; 1.48)	7.1E-01
cg08055667	<i>FBXO33</i>	chr14	Body	1.06	(0.79; 1.42)	7.1E-01

cg17439009	<i>ATF7IP</i>	chr12	TSS1500	0.94	(0.7; 1.28)	7.1E-01
cg22599122	<i>HMGB4</i>	chr1	5'UTR	1.09	(0.68; 1.77)	7.1E-01
cg22599122	<i>HMGB4</i>	chr1	1stExon	1.09	(0.68; 1.77)	7.1E-01
cg22599122	<i>CSMD2</i>	chr1	Body	1.09	(0.68; 1.77)	7.1E-01
cg18601017	<i>PTPRN2</i>	chr7	Body	0.94	(0.69; 1.29)	7.1E-01
cg01788159	<i>AKAP13</i>	chr15	Body	1.06	(0.77; 1.46)	7.1E-01
cg16571642	<i>PTPRN2</i>	chr7	Body	0.94	(0.69; 1.28)	7.1E-01
cg17526573	<i>NRXN1</i>	chr2	Body	0.91	(0.56; 1.49)	7.1E-01
cg17526573	<i>NRXN1</i>	chr2	1stExon	0.91	(0.56; 1.49)	7.1E-01
cg17526573	<i>NRXN1</i>	chr2	5'UTR	0.91	(0.56; 1.49)	7.1E-01
cg24018609	<i>CSMD2</i>	chr1	Body	1.06	(0.77; 1.47)	7.1E-01
cg23946623	<i>NRXN1</i>	chr2	TSS1500	1.07	(0.76; 1.49)	7.1E-01
cg18354923	<i>ACVR2A</i>	chr2	5'UTR	1.06	(0.77; 1.47)	7.1E-01
cg18354923	<i>ACVR2A</i>	chr2	TSS200	1.06	(0.77; 1.47)	7.1E-01
cg08247938	<i>COL5A2</i>	chr2	Body	1.06	(0.77; 1.47)	7.1E-01
cg03651585	<i>SUGCT</i>	chr7	Body	0.93	(0.61; 1.4)	7.1E-01
cg02445395	<i>PTPRN2</i>	chr7	Body	0.93	(0.64; 1.36)	7.1E-01
cg20973260	<i>CTDSPL2</i>	chr15	TSS1500	0.94	(0.68; 1.3)	7.1E-01
cg19208749	<i>PTPRN2</i>	chr7	Body	0.94	(0.7; 1.28)	7.1E-01
cg26296479	<i>TNFRSF10B</i>	chr8	Body	1.09	(0.69; 1.73)	7.1E-01
cg26296479	<i>TNFRSF10B</i>	chr8	3'UTR	1.09	(0.69; 1.73)	7.1E-01
cg02802834	<i>PTPRN2</i>	chr7	Body	1.07	(0.74; 1.54)	7.1E-01
cg04277812	<i>ORC4</i>	chr2	5'UTR	0.94	(0.66; 1.32)	7.1E-01
cg21417259	<i>TNRC18</i>	chr7	Body	0.93	(0.65; 1.35)	7.1E-01
cg18437625	<i>CUX2</i>	chr12	Body	1.07	(0.75; 1.51)	7.1E-01
cg11717251	<i>PTPRN2</i>	chr7	Body	1.06	(0.77; 1.47)	7.1E-01
cg21302709	<i>SUGCT</i>	chr7	Body	0.94	(0.69; 1.29)	7.1E-01
cg26247093	<i>GNA12</i>	chr7	Body	1.1	(0.65; 1.86)	7.1E-01
cg02041981	<i>PTPRN2</i>	chr7	Body	0.95	(0.7; 1.27)	7.1E-01
cg26593722	<i>FBXO31</i>	chr16	Body	1.06	(0.77; 1.45)	7.1E-01
cg01707076	<i>PTPRN2</i>	chr7	Body	1.07	(0.75; 1.53)	7.1E-01
cg25686162	<i>MBD5</i>	chr2	1stExon	1.07	(0.75; 1.52)	7.1E-01
cg16754490	<i>PTPRN2</i>	chr7	Body	0.93	(0.62; 1.39)	7.1E-01
cg11922514	<i>UNC80</i>	chr2	Body	0.93	(0.64; 1.35)	7.1E-01
cg00400370	<i>CTNND2</i>	chr5	Body	1.08	(0.7; 1.67)	7.1E-01
cg00400370	<i>CTNND2</i>	chr5	ExonBnd	1.08	(0.7; 1.67)	7.1E-01
cg15948324	<i>PTPRN2</i>	chr7	Body	1.06	(0.78; 1.43)	7.1E-01
cg23851515	<i>NRXN1</i>	chr2	Body	0.93	(0.65; 1.35)	7.1E-01
cg15820189	<i>RECQL5</i>	chr17	TSS1500	0.94	(0.69; 1.29)	7.1E-01
cg15000722	<i>PTPRN2</i>	chr7	Body	1.06	(0.78; 1.45)	7.1E-01
cg14593273	<i>PTPRN2</i>	chr7	Body	0.94	(0.67; 1.31)	7.1E-01
cg22516725	<i>WWOX</i>	chr16	Body	1.06	(0.79; 1.42)	7.2E-01
cg16175263	<i>TNFRSF10C</i>	chr8	TSS200	0.94	(0.68; 1.3)	7.2E-01
cg16100063	<i>PEX14</i>	chr1	Body	1.06	(0.79; 1.42)	7.2E-01
cg11934257	<i>PTPRN2</i>	chr7	Body	0.94	(0.68; 1.3)	7.2E-01
cg13843366	<i>CACNA1C</i>	chr12	Body	0.92	(0.57; 1.47)	7.2E-01
cg10971874	<i>PEX14</i>	chr1	TSS200	1.06	(0.78; 1.44)	7.2E-01
cg02355558	<i>CTDSPL</i>	chr3	Body	0.94	(0.69; 1.29)	7.2E-01
cg11206969	<i>TNFRSF11A</i>	chr18	Body	0.85	(0.36; 2.03)	7.2E-01
cg22788908	<i>POU2F1</i>	chr1	5'UTR	0.94	(0.67; 1.31)	7.2E-01
cg27538117	<i>TNFRSF19</i>	chr13	5'UTR	0.94	(0.67; 1.32)	7.2E-01
cg27538117	<i>TNFRSF19</i>	chr13	TSS200	0.94	(0.67; 1.32)	7.2E-01
cg17247365	<i>WWOX</i>	chr16	Body	1.06	(0.78; 1.45)	7.2E-01
cg25740602	<i>TNFRSF11A</i>	chr18	3'UTR	0.95	(0.7; 1.27)	7.2E-01
cg23320693	<i>TNFRSF1A</i>	chr12	Body	0.93	(0.64; 1.36)	7.2E-01
cg24857686	<i>FBXO36</i>	chr2	Body	1.06	(0.78; 1.44)	7.2E-01
cg20616246	<i>CEP350</i>	chr1	ExonBnd	1.06	(0.76; 1.49)	7.2E-01
cg20616246	<i>CEP350</i>	chr1	Body	1.06	(0.76; 1.49)	7.2E-01
cg12337622	<i>PTPRN2</i>	chr7	Body	1.06	(0.79; 1.42)	7.2E-01
cg07061728	<i>RTN4RL1</i>	chr17	Body	1.07	(0.74; 1.55)	7.2E-01
cg11665613	<i>TNFRSF1B</i>	chr1	3'UTR	1.07	(0.74; 1.56)	7.2E-01

cg07552731	AKAP13	chr15	Body	0.94	(0.67; 1.32)	7.2E-01
cg13214121	PTPRN2	chr7	Body	0.94	(0.66; 1.33)	7.2E-01
cg17868330	CNTNAP2	chr7	Body	1.08	(0.72; 1.61)	7.2E-01
cg12110750	TSHZ3	chr19	Body	0.92	(0.58; 1.46)	7.2E-01
cg08263214	ZBTB20	chr3	TSS1500	0.92	(0.57; 1.47)	7.2E-01
cg08263214	ZBTB20	chr3	Body	0.92	(0.57; 1.47)	7.2E-01
cg08263214	ZBTB20	chr3	5'UTR	0.92	(0.57; 1.47)	7.2E-01
cg07733471	CUX2	chr12	Body	1.06	(0.77; 1.47)	7.2E-01
cg23667104	WWOX	chr16	Body	0.93	(0.63; 1.38)	7.2E-01
cg22730626	PTPRN2	chr7	Body	1.06	(0.76; 1.48)	7.2E-01
cg06141968	SMARCD3	chr7	Body	0.95	(0.7; 1.28)	7.2E-01
cg04594619	ARID1A	chr1	Body	0.92	(0.58; 1.45)	7.2E-01
cg07352158	FSTL1	chr3	TSS1500	1.06	(0.78; 1.42)	7.2E-01
cg14141549	PTPRN2	chr7	Body	0.95	(0.71; 1.27)	7.2E-01
cg19231811	PHACTR1	chr6	Body	0.92	(0.57; 1.47)	7.2E-01
cg08677803	MTNR1A	chr4	Body	1.06	(0.78; 1.43)	7.2E-01
cg16029747	PTPRN2	chr7	Body	1.06	(0.78; 1.43)	7.2E-01
cg16777782	CDH13	chr16	Body	0.94	(0.67; 1.32)	7.2E-01
cg16775908	ZBTB20	chr3	Body	1.06	(0.76; 1.48)	7.2E-01
cg16775908	ZBTB20	chr3	5'UTR	1.06	(0.76; 1.48)	7.2E-01
cg03827813	MBD5	chr2	5'UTR	0.89	(0.47; 1.68)	7.2E-01
cg06080068	PEX14	chr1	Body	0.95	(0.72; 1.25)	7.2E-01
cg23828283	TNR	chr1	5'UTR	0.93	(0.65; 1.35)	7.2E-01
cg17803268	PTPRN2	chr7	Body	0.95	(0.71; 1.27)	7.2E-01
cg06669892	PHACTR1	chr6	Body	0.93	(0.62; 1.39)	7.2E-01
cg24860812	BRUNOL4	chr18	Body	1.05	(0.79; 1.41)	7.2E-01
cg04313978	PTPRN2	chr7	Body	0.95	(0.71; 1.27)	7.2E-01
cg22581289	SUGCT	chr7	Body	1.07	(0.75; 1.53)	7.2E-01
cg20134805	WWOX	chr16	Body	1.07	(0.74; 1.55)	7.2E-01
cg14494365	PTPRN2	chr7	Body	0.92	(0.58; 1.45)	7.2E-01
cg19341106	PTPRN2	chr7	Body	0.94	(0.69; 1.3)	7.2E-01
cg11875706	RECQL5	chr17	Body	1.06	(0.77; 1.45)	7.2E-01
cg07015203	UNC80	chr2	Body	1.06	(0.75; 1.5)	7.2E-01
cg07509352	CDH13	chr16	Body	0.95	(0.7; 1.28)	7.2E-01
cg22894604	FSTL1	chr3	3'UTR	1.06	(0.77; 1.46)	7.2E-01
cg03873608	DMXL2	chr15	Body	1.07	(0.74; 1.55)	7.2E-01
cg11797573	PTPRN2	chr7	Body	1.06	(0.77; 1.47)	7.2E-01
cg10502232	ATP6V0C	chr16	1stExon	0.94	(0.67; 1.32)	7.2E-01
cg10502232	ATP6V0C	chr16	5'UTR	0.94	(0.67; 1.32)	7.2E-01
cg08945980	CNTNAP2	chr7	Body	0.94	(0.67; 1.31)	7.2E-01
cg15479114	WAC	chr10	Body	0.94	(0.66; 1.33)	7.2E-01
cg24226884	CUX2	chr12	Body	0.92	(0.58; 1.45)	7.2E-01
cg02759595	ERI3	chr1	Body	1.06	(0.76; 1.48)	7.2E-01
cg02759595	ERI3	chr1	ExonBnd	1.06	(0.76; 1.48)	7.2E-01
cg19803671	UBE2E2	chr3	5'UTR	1.08	(0.7; 1.66)	7.2E-01
cg25036261	NRXN1	chr2	Body	1.06	(0.77; 1.45)	7.2E-01
cg20000539	DDHD2	chr8	3'UTR	0.94	(0.66; 1.33)	7.2E-01
cg00641931	WWOX	chr16	ExonBnd	1.15	(0.53; 2.5)	7.2E-01
cg00641931	WWOX	chr16	Body	1.15	(0.53; 2.5)	7.2E-01
cg16972831	GNA12	chr7	Body	1.06	(0.76; 1.49)	7.2E-01
cg02973644	PTPRN2	chr7	Body	1.06	(0.77; 1.47)	7.2E-01
cg10756881	TNRC6B	chr22	5'UTR	0.92	(0.59; 1.44)	7.2E-01
cg06012903	PTPRN2	chr7	Body	0.95	(0.73; 1.25)	7.2E-01
cg11844087	PTPRN2	chr7	Body	0.94	(0.65; 1.35)	7.2E-01
cg06975753	CTDSPL	chr3	Body	0.94	(0.68; 1.31)	7.2E-01
cg02903680	PDE8A	chr15	Body	1.08	(0.7; 1.66)	7.2E-01
cg09417234	TNRC18	chr7	Body	1.06	(0.78; 1.44)	7.2E-01
cg22093206	CACNA1C	chr12	Body	0.94	(0.66; 1.34)	7.2E-01
cg06758980	MBD5	chr2	TSS1500	0.94	(0.66; 1.34)	7.2E-01
cg20357101	ELAVL4	chr1	TSS1500	0.93	(0.63; 1.37)	7.2E-01
cg20357101	ELAVL4	chr1	TSS200	0.93	(0.63; 1.37)	7.2E-01

cg20357101	ELAVL4	chr1	Body	0.93	(0.63; 1.37)	7.2E-01
cg00244328	ATP8A1	chr4	TSS1500	1.06	(0.76; 1.5)	7.2E-01
cg02385725	CPEB1	chr15	Body	0.93	(0.63; 1.37)	7.2E-01
cg02385725	CPEB1	chr15	5'UTR	0.93	(0.63; 1.37)	7.2E-01
cg00071658	DACH1	chr13	Body	1.07	(0.73; 1.58)	7.2E-01
cg15572489	PTPRN2	chr7	Body	0.95	(0.69; 1.29)	7.2E-01
cg14891617	PTPRN2	chr7	Body	1.06	(0.77; 1.45)	7.2E-01
cg20072792	RECQL5	chr17	Body	0.95	(0.69; 1.29)	7.2E-01
cg04279629	DCUN1D4	chr4	Body	0.94	(0.68; 1.3)	7.2E-01
cg00991379	TAOK3	chr12	Body	1.07	(0.74; 1.54)	7.2E-01
cg13274437	CUX2	chr12	Body	0.93	(0.63; 1.38)	7.2E-01
cg08100806	CDH11	chr16	TSS1500	0.91	(0.52; 1.57)	7.2E-01
cg26361533	CACNA1C	chr12	Body	1.11	(0.63; 1.93)	7.2E-01
cg00665114	TNR	chr1	5'UTR	0.94	(0.67; 1.33)	7.3E-01
cg15911194	CDH13	chr16	Body	1.08	(0.71; 1.64)	7.3E-01
cg07448800	TENM2	chr5	Body	0.94	(0.65; 1.35)	7.3E-01
cg21802919	RTN4RL1	chr17	Body	1.06	(0.76; 1.47)	7.3E-01
cg02820081	MTCL1	chr18	Body	0.92	(0.59; 1.44)	7.3E-01
cg00243547	WAC	chr10	TSS1500	1.06	(0.76; 1.49)	7.3E-01
cg00243547	WAC	chr10	5'UTR	1.06	(0.76; 1.49)	7.3E-01
cg00391821	PEX14	chr1	Body	1.08	(0.72; 1.62)	7.3E-01
cg24758989	TNFRSF11A	chr18	Body	0.93	(0.63; 1.38)	7.3E-01
cg09557991	TNFRSF1B	chr1	Body	1.06	(0.78; 1.44)	7.3E-01
cg10553121	WVOX	chr16	Body	1.06	(0.76; 1.49)	7.3E-01
cg25363527	PTPRN2	chr7	Body	1.07	(0.74; 1.54)	7.3E-01
cg03525135	PTPRN2	chr7	Body	0.94	(0.66; 1.34)	7.3E-01
cg05814156	PTPRU	chr1	ExonBnd	0.94	(0.65; 1.34)	7.3E-01
cg05814156	PTPRU	chr1	Body	0.94	(0.65; 1.34)	7.3E-01
cg02150363	DNAI2	chr17	Body	0.95	(0.7; 1.28)	7.3E-01
cg07037986	CDH13	chr16	Body	0.93	(0.64; 1.36)	7.3E-01
cg13100918	ATP8A1	chr4	Body	0.95	(0.69; 1.29)	7.3E-01
cg21740631	TENM2	chr5	Body	0.94	(0.67; 1.32)	7.3E-01
cg21740631	CTB-178M22.2	chr5	TSS1500	0.94	(0.67; 1.32)	7.3E-01
cg17308981	CHFR	chr12	Body	0.94	(0.69; 1.3)	7.3E-01
cg25510609	AKAP13	chr15	Body	1.06	(0.77; 1.47)	7.3E-01
cg00375056	RNU5E-1	chr5	Body	0.93	(0.6; 1.42)	7.3E-01
cg05539750	CDH13	chr16	5'UTR	1.06	(0.75; 1.5)	7.3E-01
cg05539750	CDH13	chr16	Body	1.06	(0.75; 1.5)	7.3E-01
cg03396151	MEIS2	chr15	Body	0.95	(0.7; 1.29)	7.3E-01
cg14374754	BARX1	chr9	3'UTR	0.92	(0.59; 1.44)	7.3E-01
cg00236831	ATF7IP	chr12	5'UTR	1.06	(0.77; 1.45)	7.3E-01
cg00236831	ATF7IP	chr12	1stExon	1.06	(0.77; 1.45)	7.3E-01
cg12077319	ZNF704	chr8	TSS200	1.06	(0.76; 1.49)	7.3E-01
cg05880029	SLC16A9	chr10	5'UTR	0.95	(0.71; 1.27)	7.3E-01
cg14862829	AKAP13	chr15	Body	0.94	(0.65; 1.35)	7.3E-01
cg24604127	PTPRN2	chr7	Body	0.95	(0.69; 1.3)	7.3E-01
cg13574857	PTPRN2	chr7	Body	1.06	(0.76; 1.48)	7.3E-01
cg23220435	PTPRN2	chr7	Body	0.94	(0.67; 1.33)	7.3E-01
cg20679252	CSMD2	chr1	Body	1.05	(0.78; 1.42)	7.3E-01
cg04538404	FBXO11	chr2	TSS1500	0.92	(0.59; 1.44)	7.3E-01
cg04538404	FBXO11	chr2	Body	0.92	(0.59; 1.44)	7.3E-01
cg01672894	FBXO31	chr16	Body	1.07	(0.74; 1.53)	7.3E-01
cg01672894	FBXO31	chr16	3'UTR	1.07	(0.74; 1.53)	7.3E-01
cg11323848	CUX2	chr12	Body	1.06	(0.76; 1.48)	7.3E-01
cg18364718	NDUFA9	chr12	Body	1.09	(0.67; 1.77)	7.3E-01
cg12033578	RAP1B	chr12	Body	1.07	(0.72; 1.59)	7.3E-01
cg14994205	EIF2S1	chr14	5'UTR	0.94	(0.65; 1.35)	7.3E-01
cg07622504	TAOK3	chr12	Body	0.94	(0.65; 1.35)	7.3E-01
cg24807175	PTPRN2	chr7	Body	0.94	(0.66; 1.34)	7.3E-01
cg14092099	WVOX	chr16	Body	1.06	(0.75; 1.52)	7.3E-01
cg22709362	ERI3	chr1	Body	1.09	(0.66; 1.8)	7.3E-01

cg23849410	<i>UNC80</i>	chr2	Body	0.88	(0.42; 1.84)	7.3E-01
cg07617120	<i>PTPRN2</i>	chr7	Body	1.06	(0.78; 1.44)	7.3E-01
cg23091984	<i>TSHZ3</i>	chr19	Body	1.06	(0.77; 1.44)	7.3E-01
cg01007029	<i>FBXO32</i>	chr8	TSS200	0.95	(0.7; 1.28)	7.3E-01
cg23684218	<i>PTPRN2</i>	chr7	Body	1.06	(0.76; 1.48)	7.3E-01
cg03490965	<i>TENM2</i>	chr5	Body	0.95	(0.69; 1.29)	7.3E-01
cg12136895	<i>ARID1A</i>	chr1	3'UTR	0.93	(0.63; 1.38)	7.3E-01
cg10565996	<i>DCUN1D4</i>	chr4	TSS200	0.95	(0.71; 1.27)	7.3E-01
cg19977866	<i>MTNR1B</i>	chr11	Body	1.05	(0.78; 1.43)	7.3E-01
cg15453443	<i>PTPRN2</i>	chr7	Body	0.94	(0.67; 1.33)	7.3E-01
cg26204417	<i>PTPRN2</i>	chr7	Body	1.06	(0.77; 1.44)	7.3E-01
cg13420383	<i>LOC100130933</i>	chr17	TSS200	1.13	(0.57; 2.24)	7.3E-01
cg13420383	<i>RECQL5</i>	chr17	Body	1.13	(0.57; 2.24)	7.3E-01
cg06103031	<i>BRUNOL4</i>	chr18	TSS1500	0.94	(0.67; 1.32)	7.3E-01
cg21449444	<i>PTPRS</i>	chr19	Body	0.94	(0.67; 1.32)	7.3E-01
cg03068874	<i>PTPRN2</i>	chr7	Body	1.06	(0.75; 1.5)	7.3E-01
cg18791223	<i>PTPRN2</i>	chr7	Body	0.94	(0.67; 1.32)	7.3E-01
cg03640051	<i>ATP8A1</i>	chr4	Body	0.94	(0.66; 1.34)	7.3E-01
cg19719838	<i>DDHD2</i>	chr8	5'UTR	0.95	(0.7; 1.29)	7.3E-01
cg19719838	<i>DDHD2</i>	chr8	TSS200	0.95	(0.7; 1.29)	7.3E-01
cg13246235	<i>PHACTR1</i>	chr6	Body	0.9	(0.49; 1.66)	7.3E-01
cg24831391	<i>CACNA1C</i>	chr12	Body	1.06	(0.75; 1.49)	7.3E-01
cg03812546	<i>TAOK3</i>	chr12	5'UTR	1.06	(0.77; 1.44)	7.3E-01
cg14125904	<i>DNAI2</i>	chr17	Body	1.08	(0.68; 1.73)	7.3E-01
cg22524174	<i>TSHZ3</i>	chr19	Body	0.94	(0.68; 1.31)	7.3E-01
cg24450184	<i>PTPRN2</i>	chr7	Body	0.94	(0.66; 1.35)	7.3E-01
cg05227268	<i>TNFRSF10D</i>	chr8	Body	0.93	(0.63; 1.38)	7.3E-01
cg05227268	<i>TNFRSF10D</i>	chr8	ExonBnd	0.93	(0.63; 1.38)	7.3E-01
cg09644309	<i>DACH1</i>	chr13	Body	1.11	(0.62; 1.99)	7.3E-01
cg06649856	<i>PTPRN2</i>	chr7	Body	0.92	(0.56; 1.5)	7.3E-01
cg09565159	<i>PTPRN2</i>	chr7	Body	0.94	(0.66; 1.35)	7.3E-01
cg24466280	<i>ALCAM</i>	chr3	Body	0.93	(0.62; 1.39)	7.3E-01
cg27506975	<i>CEP350</i>	chr1	Body	1.15	(0.51; 2.57)	7.3E-01
cg13640972	<i>PTPRN2</i>	chr7	Body	0.95	(0.68; 1.31)	7.3E-01
cg17892759	<i>PTPRN2</i>	chr7	Body	1.06	(0.75; 1.49)	7.3E-01
cg23829076	<i>TSHZ3</i>	chr19	Body	1.11	(0.6; 2.05)	7.3E-01
cg25139286	<i>AKAP13</i>	chr15	Body	1.06	(0.76; 1.46)	7.3E-01
cg14858993	<i>GNA12</i>	chr7	Body	0.95	(0.69; 1.3)	7.3E-01
cg01622718	<i>PTPRN2</i>	chr7	Body	0.94	(0.68; 1.31)	7.3E-01
cg23525243	<i>CTNND2</i>	chr5	Body	1.06	(0.76; 1.47)	7.3E-01
cg21048927	<i>FBXO36</i>	chr2	Body	1.06	(0.77; 1.44)	7.4E-01
cg11976367	<i>MTCL1</i>	chr18	TSS1500	1.06	(0.76; 1.49)	7.4E-01
cg05674637	<i>CACNA1C</i>	chr12	Body	0.95	(0.68; 1.31)	7.4E-01
cg24869815	<i>LOC100130933</i>	chr17	TSS200	1.14	(0.53; 2.46)	7.4E-01
cg24869815	<i>RECQL5</i>	chr17	Body	1.14	(0.53; 2.46)	7.4E-01
cg04172561	<i>TNFRSF10D</i>	chr8	Body	0.94	(0.67; 1.32)	7.4E-01
cg00073140	<i>CACNA1C</i>	chr12	Body	0.94	(0.67; 1.32)	7.4E-01
cg15067015	<i>TNR</i>	chr1	5'UTR	0.93	(0.63; 1.38)	7.4E-01
cg17376415	<i>PTPRN2</i>	chr7	Body	0.94	(0.65; 1.35)	7.4E-01
cg17125804	<i>CUX2</i>	chr12	Body	0.94	(0.68; 1.32)	7.4E-01
cg03282283	<i>CACNA1C</i>	chr12	Body	1.12	(0.58; 2.17)	7.4E-01
cg16785161	<i>ATF7</i>	chr12	TSS1500	1.06	(0.75; 1.51)	7.4E-01
cg16785161	<i>ATF7</i>	chr12	TSS200	1.06	(0.75; 1.51)	7.4E-01
cg27078729	<i>TNRC6A</i>	chr16	3'UTR	0.95	(0.68; 1.31)	7.4E-01
cg15798999	<i>ARID1A</i>	chr1	Body	0.95	(0.69; 1.3)	7.4E-01
cg15677954	<i>ZBTB20</i>	chr3	Body	1.07	(0.72; 1.58)	7.4E-01
cg15677954	<i>ZBTB20</i>	chr3	5'UTR	1.07	(0.72; 1.58)	7.4E-01
cg00092611	<i>WAC</i>	chr10	TSS1500	0.95	(0.71; 1.27)	7.4E-01
cg00092611	<i>WAC</i>	chr10	Body	0.95	(0.71; 1.27)	7.4E-01
cg24682307	<i>TNFRSF1B</i>	chr1	1stExon	0.94	(0.68; 1.32)	7.4E-01
cg24682307	<i>TNFRSF1B</i>	chr1	5'UTR	0.94	(0.68; 1.32)	7.4E-01

cg19080839	SMARCD3	chr7	Body	1.07	(0.71; 1.63)	7.4E-01
cg00791181	ZBTB20	chr3	Body	1.09	(0.66; 1.8)	7.4E-01
cg00791181	ZBTB20	chr3	5'UTR	1.09	(0.66; 1.8)	7.4E-01
cg11202265	PTPRN2	chr7	Body	1.07	(0.71; 1.61)	7.4E-01
cg03770808	MTCL1	chr18	Body	0.94	(0.63; 1.38)	7.4E-01
cg09443467	TENM2	chr5	Body	1.07	(0.73; 1.56)	7.4E-01
cg16477744	PTPRN2	chr7	Body	0.91	(0.51; 1.61)	7.4E-01
cg20495738	CACNA1C	chr12	Body	1.06	(0.75; 1.51)	7.4E-01
cg09599586	SGIP1	chr1	Body	1.08	(0.7; 1.64)	7.4E-01
cg19963847	DCUN1D4	chr4	Body	1.05	(0.79; 1.4)	7.4E-01
cg26593067	PTPRN2	chr7	Body	0.93	(0.61; 1.42)	7.4E-01
cg02720925	TNRC18	chr7	Body	0.95	(0.7; 1.29)	7.4E-01
cg01144921	ATP6V0C	chr16	TSS1500	1.05	(0.77; 1.43)	7.4E-01
cg12271177	SGIP1	chr1	Body	1.05	(0.78; 1.42)	7.4E-01
cg09066883	PTPRN2	chr7	Body	1.05	(0.78; 1.43)	7.4E-01
cg21414048	TAOK3	chr12	5'UTR	1.06	(0.75; 1.51)	7.4E-01
cg08135136	ZBTB20	chr3	Body	0.93	(0.59; 1.45)	7.4E-01
cg08135136	ZBTB20	chr3	5'UTR	0.93	(0.59; 1.45)	7.4E-01
cg12581327	NOL4	chr18	Body	0.95	(0.7; 1.29)	7.4E-01
cg03983213	PTPRN2	chr7	Body	0.95	(0.68; 1.32)	7.4E-01
cg10749574	PTPRN2	chr7	Body	0.94	(0.64; 1.37)	7.4E-01
cg05195085	PTPRN2	chr7	Body	0.95	(0.69; 1.3)	7.4E-01
cg23816370	CNTNAP2	chr7	Body	0.95	(0.72; 1.26)	7.4E-01
cg02075713	CDH13	chr16	Body	0.95	(0.72; 1.27)	7.4E-01
cg05731713	PTPRN2	chr7	Body	0.94	(0.67; 1.32)	7.4E-01
cg01645753	CPEB1	chr15	TSS200	0.95	(0.69; 1.3)	7.4E-01
cg17343444	TENM2	chr5	Body	1.06	(0.74; 1.53)	7.4E-01
cg16248584	CDH13	chr16	Body	0.94	(0.63; 1.38)	7.4E-01
cg24581795	TNFRSF10B	chr8	Body	1.07	(0.73; 1.56)	7.4E-01
cg25259479	PTPRN2	chr7	Body	0.94	(0.65; 1.36)	7.4E-01
cg14147213	MTCL1	chr18	Body	0.95	(0.69; 1.3)	7.4E-01
cg17198937	CNTNAP2	chr7	Body	0.94	(0.66; 1.35)	7.4E-01
cg22468235	FBXO34	chr14	TSS1500	0.93	(0.63; 1.4)	7.4E-01
cg07748883	BRUNOL4	chr18	Body	1.06	(0.74; 1.54)	7.4E-01
cg22986084	FBXO33	chr14	1stExon	0.95	(0.68; 1.31)	7.4E-01
cg03727754	CACNA1C	chr12	Body	0.95	(0.68; 1.32)	7.4E-01
cg09068665	CACNA1C	chr12	TSS200	1.06	(0.76; 1.47)	7.4E-01
cg11470028	COL5A2	chr2	Body	1.06	(0.75; 1.51)	7.4E-01
cg03148419	AKAP3	chr12	TSS1500	0.95	(0.71; 1.27)	7.4E-01
cg12297440	PTPRN2	chr7	Body	1.05	(0.78; 1.42)	7.4E-01
cg17609204	PTPRN2	chr7	Body	0.93	(0.59; 1.46)	7.4E-01
cg21037610	PTPRN2	chr7	Body	0.95	(0.68; 1.32)	7.4E-01
cg21565196	PTPRN2	chr7	Body	1.08	(0.7; 1.66)	7.4E-01
cg06871008	CACNA1C	chr12	Body	1.09	(0.66; 1.8)	7.4E-01
cg20325291	ARID1A	chr1	Body	0.94	(0.66; 1.34)	7.4E-01
cg23544294	ERI3	chr1	Body	0.95	(0.68; 1.32)	7.4E-01
cg23544294	ERI3	chr1	5'UTR	0.95	(0.68; 1.32)	7.4E-01
cg12429465	SCAF8	chr6	1stExon	0.95	(0.68; 1.32)	7.4E-01
cg12429465	SCAF8	chr6	5'UTR	0.95	(0.68; 1.32)	7.4E-01
cg05508793	CHFR	chr12	Body	0.95	(0.69; 1.31)	7.4E-01
cg13589945	SCAF8	chr6	Body	1.06	(0.75; 1.51)	7.4E-01
cg03517730	CSMD2	chr1	Body	0.94	(0.66; 1.35)	7.4E-01
cg25607226	PTPRN2	chr7	Body	1.05	(0.79; 1.4)	7.4E-01
cg12238812	CHFR	chr12	TSS1500	1.06	(0.75; 1.5)	7.4E-01
cg17120445	CUX2	chr12	Body	1.06	(0.74; 1.52)	7.4E-01
cg13906811	NRXN1	chr2	Body	0.93	(0.61; 1.42)	7.4E-01
cg13906811	NRXN1	chr2	TSS200	0.93	(0.61; 1.42)	7.4E-01
cg14362920	PTPRN2	chr7	3'UTR	1.06	(0.76; 1.47)	7.4E-01
cg13323391	PTPRN2	chr7	Body	0.95	(0.69; 1.31)	7.4E-01
cg24646841	PTPRN2	chr7	Body	0.94	(0.64; 1.37)	7.4E-01
cg15785147	UBE2E2	chr3	Body	1.07	(0.72; 1.58)	7.4E-01

cg10569526	<i>CPEB1</i>	chr15	Body	1.06	(0.75; 1.49)	7.4E-01
cg10569526	<i>CPEB1</i>	chr15	5'UTR	1.06	(0.75; 1.49)	7.4E-01
cg13501507	<i>DMXL2</i>	chr15	TSS1500	0.95	(0.71; 1.28)	7.4E-01
cg18812366	<i>PHACTR1</i>	chr6	Body	0.95	(0.69; 1.31)	7.4E-01
cg22652747	<i>MEIS2</i>	chr15	Body	0.94	(0.63; 1.39)	7.4E-01
cg18694936	<i>CCDC80</i>	chr3	Body	0.94	(0.65; 1.36)	7.4E-01
cg06370528	<i>BRUNOL4</i>	chr18	Body	0.95	(0.71; 1.28)	7.4E-01
cg15717676	<i>FBXO31</i>	chr16	Body	1.05	(0.77; 1.44)	7.4E-01
cg15717676	<i>FBXO31</i>	chr16	5'UTR	1.05	(0.77; 1.44)	7.4E-01
cg10152633	<i>PTPRN2</i>	chr7	Body	1.06	(0.76; 1.48)	7.4E-01
cg01310920	<i>PTPRN2</i>	chr7	Body	0.95	(0.71; 1.27)	7.4E-01
cg08437437	<i>FBXO36</i>	chr2	Body	0.95	(0.69; 1.3)	7.4E-01
cg00387117	<i>ALCAM</i>	chr3	Body	1.06	(0.73; 1.55)	7.4E-01
cg25266621	<i>AKAP13</i>	chr15	Body	0.95	(0.7; 1.28)	7.4E-01
cg03338325	<i>DNAI2</i>	chr17	Body	0.93	(0.59; 1.45)	7.4E-01
cg03307550	<i>PTPRN2</i>	chr7	Body	0.94	(0.67; 1.34)	7.4E-01
cg03576224	<i>CDH13</i>	chr16	5'UTR	0.95	(0.72; 1.27)	7.4E-01
cg03576224	<i>CDH13</i>	chr16	Body	0.95	(0.72; 1.27)	7.4E-01
cg15980305	<i>FBXO11</i>	chr2	1stExon	1.05	(0.78; 1.42)	7.4E-01
cg07080147	<i>UNC80</i>	chr2	Body	0.95	(0.67; 1.33)	7.4E-01
cg09450352	<i>PTPRN2</i>	chr7	Body	1.06	(0.76; 1.46)	7.5E-01
cg12609140	<i>PTPRN2</i>	chr7	Body	1.06	(0.76; 1.46)	7.5E-01
cg02865230	<i>WWOX</i>	chr16	Body	0.95	(0.67; 1.33)	7.5E-01
cg13083012	<i>AKAP13</i>	chr15	5'UTR	1.06	(0.73; 1.56)	7.5E-01
cg01088352	<i>PTPRN2</i>	chr7	Body	0.95	(0.69; 1.31)	7.5E-01
cg02171206	<i>WWOX</i>	chr16	Body	1.05	(0.76; 1.46)	7.5E-01
cg26075933	<i>MEIS2</i>	chr15	Body	1.06	(0.76; 1.47)	7.5E-01
cg01838419	<i>EIF2S1</i>	chr14	TSS1500	0.95	(0.68; 1.32)	7.5E-01
cg08902987	<i>SUGCT</i>	chr7	Body	0.93	(0.61; 1.42)	7.5E-01
cg15636633	<i>AKAP3</i>	chr12	5'UTR	0.94	(0.64; 1.38)	7.5E-01
cg16061099	<i>BRUNOL4</i>	chr18	3'UTR	0.94	(0.66; 1.35)	7.5E-01
cg03129600	<i>NRXN1</i>	chr2	5'UTR	0.88	(0.4; 1.94)	7.5E-01
cg19264203	<i>MTNR1B</i>	chr11	Body	0.93	(0.62; 1.42)	7.5E-01
cg20236013	<i>UBE2E2</i>	chr3	5'UTR	0.95	(0.68; 1.31)	7.5E-01
cg09818691	<i>TNFRSF1B</i>	chr1	TSS1500	1.06	(0.75; 1.49)	7.5E-01
cg24648384	<i>GNA12</i>	chr7	Body	1.05	(0.78; 1.4)	7.5E-01
cg20539811	<i>CTNND2</i>	chr5	Body	1.05	(0.77; 1.45)	7.5E-01
cg13958567	<i>PTPRN2</i>	chr7	Body	0.95	(0.7; 1.29)	7.5E-01
cg04939944	<i>TNRC18</i>	chr7	Body	0.96	(0.72; 1.26)	7.5E-01
cg02433515	<i>MEIS2</i>	chr15	Body	1.08	(0.69; 1.68)	7.5E-01
cg23831143	<i>TNFRSF10C</i>	chr8	TSS200	0.95	(0.68; 1.33)	7.5E-01
cg06497408	<i>PTPRN2</i>	chr7	Body	0.95	(0.7; 1.29)	7.5E-01
cg10473506	<i>PEX14</i>	chr1	Body	0.94	(0.64; 1.37)	7.5E-01
cg17055895	<i>CPEB1</i>	chr15	Body	1.06	(0.74; 1.53)	7.5E-01
cg17055895	<i>CPEB1</i>	chr15	5'UTR	1.06	(0.74; 1.53)	7.5E-01
cg04426510	<i>FBXO31</i>	chr16	Body	0.95	(0.69; 1.31)	7.5E-01
cg04426510	<i>FBXO31</i>	chr16	5'UTR	0.95	(0.69; 1.31)	7.5E-01
cg15126968	<i>PTPRN2</i>	chr7	Body	1.07	(0.72; 1.58)	7.5E-01
cg02986924	<i>RTN4</i>	chr2	3'UTR	0.95	(0.69; 1.31)	7.5E-01
cg17453840	<i>CPEB1</i>	chr15	TSS1500	1.08	(0.68; 1.72)	7.5E-01
cg07250036	<i>CTDSPL2</i>	chr15	5'UTR	0.95	(0.71; 1.29)	7.5E-01
cg06547959	<i>BRUNOL4</i>	chr18	Body	0.91	(0.52; 1.6)	7.5E-01
cg24532476	<i>CHFR</i>	chr12	Body	1.07	(0.7; 1.63)	7.5E-01
cg22541509	<i>PTPRS</i>	chr19	Body	0.94	(0.64; 1.38)	7.5E-01
cg18285788	<i>PTPRN2</i>	chr7	Body	0.95	(0.69; 1.3)	7.5E-01
cg24790706	<i>PTPRN2</i>	chr7	Body	0.95	(0.68; 1.32)	7.5E-01
cg15322801	<i>ELAVL4</i>	chr1	TSS200	1.06	(0.74; 1.51)	7.5E-01
cg15322801	<i>ELAVL4</i>	chr1	Body	1.06	(0.74; 1.51)	7.5E-01
cg24743147	<i>GOLT1B</i>	chr12	Body	1.05	(0.76; 1.46)	7.5E-01
cg24743147	<i>RECQL</i>	chr12	TSS1500	1.05	(0.76; 1.46)	7.5E-01
cg20293888	<i>GNA12</i>	chr7	Body	1.07	(0.72; 1.59)	7.5E-01

cg06903477	<i>RTN4RL1</i>	chr17	Body	0.95	(0.67; 1.34)	7.5E-01
cg18588247	<i>ATP8A1</i>	chr4	Body	1.07	(0.7; 1.65)	7.5E-01
cg19081259	<i>CSMD2</i>	chr1	ExonBnd	0.95	(0.67; 1.33)	7.5E-01
cg19081259	<i>CSMD2</i>	chr1	Body	0.95	(0.67; 1.33)	7.5E-01
cg13599258	<i>CUX2</i>	chr12	Body	1.06	(0.74; 1.52)	7.5E-01
cg18274984	<i>PEX14</i>	chr1	Body	1.06	(0.76; 1.47)	7.5E-01
cg16617510	<i>TNFRSF1A</i>	chr12	3'UTR	1.05	(0.77; 1.43)	7.5E-01
cg15909077	<i>ATF7</i>	chr12	ExonBnd	0.95	(0.67; 1.33)	7.5E-01
cg15909077	<i>ATF7</i>	chr12	Body	0.95	(0.67; 1.33)	7.5E-01
cg15087571	<i>TNRC18</i>	chr7	5'UTR	0.94	(0.64; 1.38)	7.5E-01
cg03129964	<i>BARX1</i>	chr9	Body	1.05	(0.77; 1.43)	7.5E-01
cg21016956	<i>NOL4</i>	chr18	Body	0.95	(0.67; 1.34)	7.5E-01
cg08021815	<i>RECQL</i>	chr12	Body	0.93	(0.61; 1.43)	7.5E-01
cg11263042	<i>PEX14</i>	chr1	1stExon	1.05	(0.79; 1.39)	7.5E-01
cg02979325	<i>CUX2</i>	chr12	Body	1.06	(0.73; 1.56)	7.5E-01
cg10638660	<i>MTCL1</i>	chr18	TSS200	0.94	(0.64; 1.38)	7.5E-01
cg23740067	<i>FBXO11</i>	chr2	ExonBnd	0.94	(0.63; 1.39)	7.5E-01
cg23740067	<i>FBXO11</i>	chr2	Body	0.94	(0.63; 1.39)	7.5E-01
cg06209210	<i>TNFRSF12A</i>	chr16	Body	0.94	(0.66; 1.35)	7.5E-01
cg02515738	<i>CNTNAP2</i>	chr7	Body	0.94	(0.66; 1.35)	7.5E-01
cg06631771	<i>POU2F1</i>	chr1	Body	1.05	(0.76; 1.46)	7.5E-01
cg09280663	<i>CTNND2</i>	chr5	Body	0.93	(0.59; 1.46)	7.5E-01
cg09280663	<i>CTNND2</i>	chr5	5'UTR	0.93	(0.59; 1.46)	7.5E-01
cg23101138	<i>DACH1</i>	chr13	Body	0.94	(0.64; 1.37)	7.5E-01
cg10644073	<i>AKAP13</i>	chr15	5'UTR	0.95	(0.69; 1.31)	7.5E-01
cg21454760	<i>ARID1A</i>	chr1	Body	0.93	(0.59; 1.47)	7.5E-01
cg09312399	<i>FBXO38</i>	chr5	TSS1500	1.06	(0.73; 1.55)	7.5E-01
cg01645929	<i>CTDSP2</i>	chr12	Body	0.95	(0.71; 1.28)	7.5E-01
cg18842704	<i>TNRC6B</i>	chr22	Body	1.05	(0.77; 1.42)	7.5E-01
cg07177001	<i>TNFRSF10B</i>	chr8	Body	0.95	(0.69; 1.31)	7.5E-01
cg07177001	<i>TNFRSF10B</i>	chr8	5'UTR	0.95	(0.69; 1.31)	7.5E-01
cg07177001	<i>TNFRSF10B</i>	chr8	1stExon	0.95	(0.69; 1.31)	7.5E-01
cg02860921	<i>PTPRN2</i>	chr7	Body	1.04	(0.79; 1.37)	7.5E-01
cg00411413	<i>CDH13</i>	chr16	Body	0.95	(0.71; 1.28)	7.5E-01
cg01953796	<i>TAOK3</i>	chr12	Body	0.95	(0.68; 1.32)	7.5E-01
cg12242949	<i>FBXO34</i>	chr14	5'UTR	0.93	(0.59; 1.47)	7.5E-01
cg09404381	<i>WAC</i>	chr10	Body	1.06	(0.74; 1.52)	7.5E-01
cg09814468	<i>CTNND2</i>	chr5	Body	1.06	(0.72; 1.57)	7.5E-01
cg12622096	<i>UNC80</i>	chr2	Body	1.05	(0.78; 1.41)	7.6E-01
cg14910646	<i>NDUFA9</i>	chr12	3'UTR	0.95	(0.7; 1.3)	7.6E-01
cg14624444	<i>PHACTR1</i>	chr6	Body	0.94	(0.65; 1.37)	7.6E-01
cg05690580	<i>PTPRN2</i>	chr7	Body	1.05	(0.77; 1.43)	7.6E-01
cg26358968	<i>AKAP13</i>	chr15	Body	1.05	(0.76; 1.46)	7.6E-01
cg27011848	<i>NRXN1</i>	chr2	ExonBnd	0.93	(0.6; 1.45)	7.6E-01
cg27011848	<i>NRXN1</i>	chr2	Body	0.93	(0.6; 1.45)	7.6E-01
cg08157569	<i>COL1A2</i>	chr7	Body	0.93	(0.57; 1.51)	7.6E-01
cg05693307	<i>CEP350</i>	chr1	Body	0.94	(0.64; 1.39)	7.6E-01
cg11848928	<i>PTPRN2</i>	chr7	Body	1.05	(0.76; 1.46)	7.6E-01
cg03459839	<i>GNA12</i>	chr7	Body	1.05	(0.78; 1.4)	7.6E-01
cg03459839	<i>GNA12</i>	chr7	TSS200	1.05	(0.78; 1.4)	7.6E-01
cg23177406	<i>PHACTR1</i>	chr6	Body	0.93	(0.58; 1.49)	7.6E-01
cg13108098	<i>CDH13</i>	chr16	5'UTR	1.07	(0.7; 1.63)	7.6E-01
cg13108098	<i>CDH13</i>	chr16	Body	1.07	(0.7; 1.63)	7.6E-01
cg19237063	<i>PTPRN2</i>	chr7	Body	1.06	(0.73; 1.55)	7.6E-01
cg14384510	<i>PTPRN2</i>	chr7	Body	0.95	(0.7; 1.29)	7.6E-01
cg15661483	<i>CTDSPL</i>	chr3	Body	0.95	(0.66; 1.35)	7.6E-01
cg15791369	<i>ATF7IP</i>	chr12	TSS1500	1.06	(0.73; 1.55)	7.6E-01
cg01217514	<i>CHFR</i>	chr12	Body	0.94	(0.63; 1.39)	7.6E-01
cg14940779	<i>ERI3</i>	chr1	Body	1.05	(0.76; 1.46)	7.6E-01
cg26740375	<i>DMXL2</i>	chr15	Body	0.93	(0.6; 1.45)	7.6E-01
cg27390443	<i>CREBBP</i>	chr16	Body	1.05	(0.75; 1.47)	7.6E-01

cg15573998	<i>NRXN1</i>	chr2	Body	1.05	(0.75; 1.48)	7.6E-01
cg03073636	<i>ATF7IP</i>	chr12	5'UTR	1.05	(0.77; 1.44)	7.6E-01
cg03073636	<i>ATF7IP</i>	chr12	Body	1.05	(0.77; 1.44)	7.6E-01
cg20535781	<i>CHFR</i>	chr12	TSS1500	1.06	(0.73; 1.55)	7.6E-01
cg23630423	<i>RTN4RL1</i>	chr17	Body	1.06	(0.73; 1.54)	7.6E-01
cg16668176	<i>PTPRS</i>	chr19	5'UTR	1.06	(0.74; 1.5)	7.6E-01
cg24956366	<i>UBE2E2</i>	chr3	Body	0.93	(0.61; 1.44)	7.6E-01
cg17960347	<i>CACNA1C</i>	chr12	Body	1.05	(0.77; 1.44)	7.6E-01
cg08353078	<i>TNFRSF11A</i>	chr18	Body	1.05	(0.78; 1.42)	7.6E-01
cg18660891	<i>ZBTB20</i>	chr3	TSS1500	1.06	(0.75; 1.49)	7.6E-01
cg07300558	<i>BRUNOL4</i>	chr18	1stExon	0.93	(0.57; 1.5)	7.6E-01
cg26709234	<i>CDH13</i>	chr16	Body	1.06	(0.74; 1.51)	7.6E-01
cg02495045	<i>MBD5</i>	chr2	5'UTR	1.05	(0.75; 1.48)	7.6E-01
cg26295921	<i>PTPRN2</i>	chr7	Body	1.06	(0.74; 1.52)	7.6E-01
cg12983704	<i>FBXO36</i>	chr2	Body	1.05	(0.78; 1.42)	7.6E-01
cg11631450	<i>TENM2</i>	chr5	Body	0.95	(0.71; 1.29)	7.6E-01
cg21858772	<i>WWOX</i>	chr16	Body	1.06	(0.73; 1.53)	7.6E-01
cg25700789	<i>GNA12</i>	chr7	Body	0.95	(0.69; 1.31)	7.6E-01
cg25700789	<i>GNA12</i>	chr7	TSS1500	0.95	(0.69; 1.31)	7.6E-01
cg14017942	<i>TSHZ3</i>	chr19	3'UTR	1.06	(0.73; 1.53)	7.6E-01
cg17207772	<i>AKAP13</i>	chr15	Body	0.93	(0.58; 1.48)	7.6E-01
cg14275148	<i>FBXO11</i>	chr2	Body	1.06	(0.71; 1.6)	7.6E-01
cg03845289	<i>BARX2</i>	chr11	TSS200	0.94	(0.61; 1.44)	7.6E-01
cg00656990	<i>WWOX</i>	chr16	Body	0.92	(0.55; 1.54)	7.6E-01
cg11131810	<i>PHACTR1</i>	chr6	Body	0.94	(0.63; 1.41)	7.6E-01
cg04100532	<i>UNC80</i>	chr2	TSS200	0.93	(0.58; 1.5)	7.6E-01
cg24736886	<i>DACH1</i>	chr13	Body	1.06	(0.74; 1.5)	7.6E-01
cg14994242	<i>PTPRN2</i>	chr7	Body	1.05	(0.75; 1.48)	7.6E-01
cg00322486	<i>ELAVL4</i>	chr1	Body	1.05	(0.76; 1.45)	7.6E-01
cg16001682	<i>SGIP1</i>	chr1	TSS1500	0.95	(0.66; 1.36)	7.6E-01
cg20668834	<i>NRXN1</i>	chr2	Body	1.06	(0.73; 1.53)	7.6E-01
cg00716277	<i>PTPRN2</i>	chr7	Body	1.05	(0.75; 1.49)	7.6E-01
cg21006600	<i>CACNA1C</i>	chr12	Body	0.95	(0.66; 1.36)	7.6E-01
cg01021552	<i>CDH11</i>	chr16	5'UTR	0.95	(0.67; 1.34)	7.6E-01
cg19009220	<i>GOLT1B</i>	chr12	TSS1500	0.95	(0.68; 1.32)	7.6E-01
cg19009220	<i>RECQL</i>	chr12	5'UTR	0.95	(0.68; 1.32)	7.6E-01
cg12189962	<i>LOC101929698</i>	chr20	Body	1.1	(0.6; 2.02)	7.6E-01
cg12189962	<i>NOL4L</i>	chr20	Body	1.1	(0.6; 2.02)	7.6E-01
cg06701627	<i>PTPRS</i>	chr19	Body	1.05	(0.76; 1.45)	7.6E-01
cg15318176	<i>PTPRN2</i>	chr7	Body	0.94	(0.62; 1.41)	7.6E-01
cg23654019	<i>CUX2</i>	chr12	Body	1.05	(0.77; 1.42)	7.6E-01
cg10756618	<i>CHCHD6</i>	chr3	Body	0.9	(0.45; 1.79)	7.6E-01
cg08339915	<i>PTPRN2</i>	chr7	Body	1.07	(0.7; 1.63)	7.6E-01
cg26295618	<i>CEP350</i>	chr1	3'UTR	1.05	(0.77; 1.44)	7.6E-01
cg08385422	<i>ACVR2A</i>	chr2	TSS1500	1.05	(0.75; 1.48)	7.6E-01
cg08385422	<i>ACVR2A</i>	chr2	TSS200	1.05	(0.75; 1.48)	7.6E-01
cg03301831	<i>RTN4</i>	chr2	Body	1.05	(0.78; 1.41)	7.6E-01
cg18545076	<i>TNFRSF10C</i>	chr8	TSS1500	0.88	(0.39; 2)	7.6E-01
cg12565261	<i>WAC</i>	chr10	Body	1.08	(0.67; 1.72)	7.6E-01
cg14438755	<i>RNU5E-1</i>	chr5	Body	0.95	(0.69; 1.31)	7.6E-01
cg04862197	<i>PTPRN2</i>	chr7	1stExon	0.95	(0.67; 1.34)	7.6E-01
cg04862197	<i>PTPRN2</i>	chr7	Body	0.95	(0.67; 1.34)	7.6E-01
cg04862197	<i>PTPRN2</i>	chr7	5'UTR	0.95	(0.67; 1.34)	7.6E-01
cg17790241	<i>TNFRSF10C</i>	chr8	TSS200	0.95	(0.66; 1.35)	7.6E-01
cg11328270	<i>RTN4</i>	chr2	Body	0.95	(0.66; 1.35)	7.6E-01
cg22606703	<i>MEIS2</i>	chr15	Body	0.95	(0.66; 1.36)	7.6E-01
cg27427207	<i>ATP8A1</i>	chr4	Body	0.96	(0.72; 1.28)	7.6E-01
cg04044684	<i>CHFR</i>	chr12	TSS1500	1.05	(0.76; 1.46)	7.6E-01
cg13171761	<i>CACNA1C</i>	chr12	Body	1.05	(0.75; 1.48)	7.6E-01
cg25699925	<i>CDH13</i>	chr16	5'UTR	1.05	(0.75; 1.47)	7.7E-01
cg25699925	<i>CDH13</i>	chr16	Body	1.05	(0.75; 1.47)	7.7E-01

cg07575501	<i>CUX2</i>	chr12	Body	0.95	(0.7; 1.3)	7.7E-01
cg24051202	<i>TNR</i>	chr1	5'UTR	0.93	(0.59; 1.48)	7.7E-01
cg11856697	<i>DNAI2</i>	chr17	5'UTR	1.05	(0.77; 1.42)	7.7E-01
cg00807462	<i>CUX2</i>	chr12	Body	0.94	(0.65; 1.38)	7.7E-01
cg12446209	<i>NRXN1</i>	chr2	Body	0.94	(0.65; 1.38)	7.7E-01
cg18286894	<i>PTPRN2</i>	chr7	Body	1.09	(0.61; 1.95)	7.7E-01
cg19112158	<i>POU2F1</i>	chr1	3'UTR	1.06	(0.73; 1.53)	7.7E-01
cg19112158	<i>POU2F1</i>	chr1	Body	1.06	(0.73; 1.53)	7.7E-01
cg15442907	<i>CACNA1C</i>	chr12	3'UTR	0.95	(0.7; 1.3)	7.7E-01
cg03054819	<i>PTPRN2</i>	chr7	Body	1.07	(0.7; 1.64)	7.7E-01
cg08150843	<i>PTPRS</i>	chr19	Body	1.06	(0.71; 1.6)	7.7E-01
cg00947599	<i>GNA12</i>	chr7	Body	0.95	(0.7; 1.3)	7.7E-01
cg18769909	<i>PTPRN2</i>	chr7	Body	0.95	(0.69; 1.32)	7.7E-01
cg26942275	<i>COL1A2</i>	chr7	TSS200	0.94	(0.65; 1.38)	7.7E-01
cg25842602	<i>BRUNOL4</i>	chr18	TSS200	1.06	(0.74; 1.51)	7.7E-01
cg14584961	<i>PTPRN2</i>	chr7	Body	1.06	(0.71; 1.6)	7.7E-01
cg04995537	<i>SCAF8</i>	chr6	Body	0.94	(0.64; 1.39)	7.7E-01
cg08014150	<i>NOL4L</i>	chr20	Body	1.06	(0.72; 1.57)	7.7E-01
cg08837200	<i>PTPRN2</i>	chr7	Body	1.06	(0.72; 1.56)	7.7E-01
cg20729586	<i>CDH13</i>	chr16	Body	1.04	(0.78; 1.4)	7.7E-01
cg05852523	<i>CDH13</i>	chr16	TSS1500	0.95	(0.66; 1.36)	7.7E-01
cg23660064	<i>SUSD4</i>	chr1	3'UTR	0.95	(0.67; 1.34)	7.7E-01
cg12884814	<i>NRXN1</i>	chr2	Body	0.95	(0.65; 1.37)	7.7E-01
cg15283737	<i>CUX2</i>	chr12	Body	0.93	(0.59; 1.47)	7.7E-01
cg08359717	<i>ZBTB20</i>	chr3	5'UTR	1.06	(0.73; 1.55)	7.7E-01
cg01958086	<i>MEIS2</i>	chr15	Body	0.95	(0.67; 1.35)	7.7E-01
cg13566648	<i>PHACTR1</i>	chr6	Body	0.93	(0.55; 1.55)	7.7E-01
cg03916382	<i>PTPRN2</i>	chr7	Body	1.05	(0.75; 1.48)	7.7E-01
cg24305127	<i>PTPRN2</i>	chr7	Body	0.95	(0.7; 1.3)	7.7E-01
cg07455496	<i>ZNF704</i>	chr8	Body	1.06	(0.72; 1.57)	7.7E-01
cg22960901	<i>PTPRN2</i>	chr7	Body	0.95	(0.7; 1.3)	7.7E-01
cg02290623	<i>PDE8A</i>	chr15	5'UTR	0.94	(0.64; 1.38)	7.7E-01
cg02290623	<i>PDE8A</i>	chr15	Body	0.94	(0.64; 1.38)	7.7E-01
cg03262885	<i>PTPRN2</i>	chr7	Body	1.05	(0.75; 1.48)	7.7E-01
cg04569831	<i>CNTNAP2</i>	chr7	Body	0.96	(0.71; 1.29)	7.7E-01
cg04912993	<i>ALCAM</i>	chr3	Body	0.88	(0.38; 2.06)	7.7E-01
cg05506292	<i>AKAP13</i>	chr15	5'UTR	1.06	(0.73; 1.54)	7.7E-01
cg04236980	<i>FBXO34</i>	chr14	5'UTR	0.9	(0.45; 1.79)	7.7E-01
cg13689169	<i>WVOX</i>	chr16	Body	0.95	(0.7; 1.3)	7.7E-01
cg07680649	<i>ZNF704</i>	chr8	5'UTR	1.05	(0.76; 1.46)	7.7E-01
cg08502856	<i>PDE8A</i>	chr15	TSS200	0.96	(0.71; 1.29)	7.7E-01
cg08502856	<i>PDE8A</i>	chr15	TSS1500	0.96	(0.71; 1.29)	7.7E-01
cg18993254	<i>ARID1A</i>	chr1	Body	0.95	(0.68; 1.33)	7.7E-01
cg26233866	<i>ERI3</i>	chr1	Body	1.05	(0.76; 1.44)	7.7E-01
cg12197062	<i>ZBTB20</i>	chr3	Body	1.05	(0.75; 1.47)	7.7E-01
cg12197062	<i>ZBTB20</i>	chr3	5'UTR	1.05	(0.75; 1.47)	7.7E-01
cg07617764	<i>CTDSP2</i>	chr12	Body	1.05	(0.74; 1.49)	7.7E-01
cg12297652	<i>SCAF8</i>	chr6	1stExon	1.05	(0.76; 1.46)	7.7E-01
cg12297652	<i>SCAF8</i>	chr6	Body	1.05	(0.76; 1.46)	7.7E-01
cg12297652	<i>SCAF8</i>	chr6	5'UTR	1.05	(0.76; 1.46)	7.7E-01
cg03937180	<i>POU2F1</i>	chr1	Body	1.06	(0.72; 1.56)	7.7E-01
cg03937180	<i>POU2F1</i>	chr1	TSS1500	1.06	(0.72; 1.56)	7.7E-01
cg24002388	<i>DDHD2</i>	chr8	TSS1500	0.95	(0.68; 1.34)	7.7E-01
cg20223687	<i>PTPRN2</i>	chr7	Body	1.05	(0.74; 1.49)	7.7E-01
cg15086994	<i>CHCHD6</i>	chr3	Body	0.94	(0.63; 1.42)	7.7E-01
cg26947721	<i>PTPRS</i>	chr19	5'UTR	0.96	(0.71; 1.28)	7.7E-01
cg00087420	<i>CSMD2</i>	chr1	Body	1.05	(0.75; 1.46)	7.7E-01
cg23601521	<i>NRXN1</i>	chr2	Body	0.95	(0.66; 1.37)	7.7E-01
cg20851802	<i>MTNR1A</i>	chr4	TSS1500	1.05	(0.77; 1.43)	7.7E-01
cg02734463	<i>AKAP13</i>	chr15	3'UTR	0.95	(0.67; 1.35)	7.7E-01
cg10594075	<i>TNFRSF19</i>	chr13	5'UTR	1.08	(0.66; 1.76)	7.7E-01

cg09798977	NDUFA9	chr12	Body	1.05	(0.74; 1.51)	7.7E-01
cg14030258	PTPRU	chr1	Body	0.94	(0.64; 1.4)	7.7E-01
cg11060349	PTPRN2	chr7	Body	1.06	(0.72; 1.55)	7.7E-01
cg08955548	PTPRN2	chr7	Body	0.96	(0.72; 1.27)	7.7E-01
cg01557260	RTN4RL2	chr11	Body	0.92	(0.51; 1.64)	7.7E-01
cg16937126	DDHD2	chr8	TSS1500	0.95	(0.67; 1.34)	7.7E-01
cg16937126	DDHD2	chr8	TSS200	0.95	(0.67; 1.34)	7.7E-01
cg24948079	RTN4RL1	chr17	Body	1.05	(0.75; 1.47)	7.7E-01
cg23361114	PTPRN2	chr7	Body	1.1	(0.58; 2.1)	7.7E-01
cg18173450	WVOX	chr16	Body	0.95	(0.69; 1.32)	7.7E-01
cg14253924	GNA12	chr7	Body	0.95	(0.69; 1.32)	7.7E-01
cg03118674	ACVR2A	chr2	3'UTR	1.06	(0.73; 1.53)	7.7E-01
cg22090098	NDUFA9	chr12	ExonBnd	0.96	(0.7; 1.3)	7.7E-01
cg22090098	NDUFA9	chr12	Body	0.96	(0.7; 1.3)	7.7E-01
cg06018853	PTPRN2	chr7	Body	0.96	(0.71; 1.29)	7.7E-01
cg15526535	TNFRSF1B	chr1	Body	1.12	(0.51; 2.45)	7.7E-01
cg04770900	CUX2	chr12	Body	0.95	(0.66; 1.36)	7.7E-01
cg19882179	CPEB1	chr15	Body	1.06	(0.71; 1.59)	7.7E-01
cg19882179	CPEB1	chr15	TSS1500	1.06	(0.71; 1.59)	7.7E-01
cg19882179	CPEB1	chr15	5'UTR	1.06	(0.71; 1.59)	7.7E-01
cg09779902	AKAP13	chr15	Body	1.05	(0.74; 1.51)	7.7E-01
cg11345955	AKAP13	chr15	Body	0.96	(0.7; 1.3)	7.7E-01
cg23702727	LOC100130933	chr17	TSS200	1.1	(0.57; 2.14)	7.7E-01
cg23702727	RECQL5	chr17	Body	1.1	(0.57; 2.14)	7.7E-01
cg02664515	DMXL2	chr15	Body	0.91	(0.48; 1.73)	7.7E-01
cg02842711	FSTL1	chr3	Body	1.05	(0.76; 1.44)	7.7E-01
cg04809093	ZBTB20	chr3	5'UTR	0.95	(0.66; 1.36)	7.7E-01
cg22928999	FBXO11	chr2	Body	1.06	(0.72; 1.54)	7.7E-01
cg13374432	AKAP13	chr15	Body	0.89	(0.39; 2)	7.7E-01
cg04545268	PTPRN2	chr7	Body	0.94	(0.62; 1.43)	7.7E-01
cg27510667	CTDSPL2	chr15	5'UTR	1.05	(0.75; 1.46)	7.7E-01
cg23112745	PTPRN2	chr7	Body	1.05	(0.75; 1.47)	7.7E-01
cg07121340	CACNA1C	chr12	Body	1.05	(0.76; 1.43)	7.8E-01
cg02184609	GNA12	chr7	Body	0.94	(0.64; 1.4)	7.8E-01
cg02753722	CDH13	chr16	5'UTR	1.05	(0.76; 1.45)	7.8E-01
cg02753722	CDH13	chr16	Body	1.05	(0.76; 1.45)	7.8E-01
cg26967186	PTPRN2	chr7	Body	1.04	(0.78; 1.4)	7.8E-01
cg00920348	SGIP1	chr1	TSS1500	1.05	(0.76; 1.45)	7.8E-01
cg14628799	NOL4L	chr20	Body	0.94	(0.62; 1.43)	7.8E-01
cg08309809	TNFRSF10C	chr8	5'UTR	1.05	(0.74; 1.5)	7.8E-01
cg08309809	TNFRSF10C	chr8	1stExon	1.05	(0.74; 1.5)	7.8E-01
cg20393882	PTPRN2	chr7	Body	0.95	(0.67; 1.34)	7.8E-01
cg11687389	PHACTR1	chr6	Body	1.05	(0.75; 1.46)	7.8E-01
cg14292869	PTPRN2	chr7	Body	0.96	(0.71; 1.3)	7.8E-01
cg11626052	PTPRN2	chr7	Body	0.96	(0.7; 1.31)	7.8E-01
cg05484687	CTNND2	chr5	Body	0.95	(0.69; 1.32)	7.8E-01
cg22588445	PTPRN2	chr7	Body	1.04	(0.79; 1.38)	7.8E-01
cg04644049	PTPRN2	chr7	Body	0.96	(0.7; 1.3)	7.8E-01
cg16028599	TNRC18	chr7	Body	0.96	(0.71; 1.29)	7.8E-01
cg11951808	CEP350	chr1	Body	0.95	(0.68; 1.34)	7.8E-01
cg15010714	CDH11	chr16	TSS1500	0.93	(0.54; 1.58)	7.8E-01
cg22364158	TNRC6B	chr22	5'UTR	0.95	(0.67; 1.34)	7.8E-01
cg21458032	CDH13	chr16	Body	1.04	(0.78; 1.39)	7.8E-01
cg08041408	PTPRN2	chr7	Body	1.05	(0.75; 1.48)	7.8E-01
cg19717061	ZBTB20	chr3	5'UTR	0.95	(0.66; 1.37)	7.8E-01
cg03435201	AKAP13	chr15	Body	1.05	(0.75; 1.47)	7.8E-01
cg02609551	FBXO31	chr16	Body	1.06	(0.72; 1.55)	7.8E-01
cg04260737	RTN4	chr2	TSS1500	0.96	(0.7; 1.31)	7.8E-01
cg04260737	RTN4	chr2	Body	0.96	(0.7; 1.31)	7.8E-01
cg13213165	SGIP1	chr1	Body	0.95	(0.66; 1.37)	7.8E-01
cg13192695	MTNR1A	chr4	Body	0.95	(0.69; 1.32)	7.8E-01

cg08631397	<i>CDH13</i>	chr16	Body	0.95	(0.68; 1.33)	7.8E-01
cg00878240	<i>PTPRN2</i>	chr7	Body	1.05	(0.75; 1.47)	7.8E-01
cg08462941	<i>PTPRS</i>	chr19	5'UTR	1.08	(0.64; 1.8)	7.8E-01
cg06318274	<i>AKAP13</i>	chr15	Body	0.96	(0.72; 1.28)	7.8E-01
cg17559206	<i>CREBBP</i>	chr16	Body	0.96	(0.7; 1.31)	7.8E-01
cg22508831	<i>TNRC6B</i>	chr22	Body	0.94	(0.63; 1.42)	7.8E-01
cg22508831	<i>TNRC6B</i>	chr22	TSS1500	0.94	(0.63; 1.42)	7.8E-01
cg03146394	<i>TNFRSF1B</i>	chr1	Body	1.05	(0.76; 1.43)	7.8E-01
cg05329915	<i>MTNR1A</i>	chr4	Body	0.96	(0.7; 1.31)	7.8E-01
cg05001009	<i>NRXN1</i>	chr2	5'UTR	1.05	(0.73; 1.52)	7.8E-01
cg05001009	<i>NRXN1</i>	chr2	1stExon	1.05	(0.73; 1.52)	7.8E-01
cg13451497	<i>PTPRN2</i>	chr7	Body	1.06	(0.69; 1.63)	7.8E-01
cg15288845	<i>UBE2E2</i>	chr3	Body	0.95	(0.65; 1.39)	7.8E-01
cg01049293	<i>GNA12</i>	chr7	Body	0.95	(0.67; 1.34)	7.8E-01
cg04371321	<i>SUGCT</i>	chr7	Body	0.94	(0.58; 1.5)	7.8E-01
cg15754829	<i>TAOK3</i>	chr12	Body	1.05	(0.76; 1.45)	7.8E-01
cg00937012	<i>CPEB1</i>	chr15	Body	1.06	(0.69; 1.63)	7.8E-01
cg00937012	<i>CPEB1</i>	chr15	TSS1500	1.06	(0.69; 1.63)	7.8E-01
cg08901057	<i>PTPRS</i>	chr19	Body	1.05	(0.74; 1.49)	7.8E-01
cg04085808	<i>PTPRN2</i>	chr7	Body	0.96	(0.72; 1.28)	7.8E-01
cg11362604	<i>MEIS2</i>	chr15	Body	1.04	(0.77; 1.42)	7.8E-01
cg15903887	<i>FBXO36</i>	chr2	TSS200	0.95	(0.68; 1.34)	7.8E-01
cg09362578	<i>GNA12</i>	chr7	Body	1.05	(0.75; 1.47)	7.8E-01
cg04264072	<i>CACNA1C</i>	chr12	Body	0.94	(0.61; 1.45)	7.8E-01
cg04158891	<i>PTPRN2</i>	chr7	Body	0.96	(0.74; 1.26)	7.8E-01
cg10919889	<i>NRXN1</i>	chr2	Body	1.05	(0.74; 1.49)	7.8E-01
cg24406898	<i>COL1A2</i>	chr7	TSS1500	1.04	(0.78; 1.38)	7.8E-01
cg16743752	<i>NRXN1</i>	chr2	Body	1.06	(0.71; 1.58)	7.8E-01
cg04150777	<i>SUGCT</i>	chr7	Body	0.92	(0.52; 1.64)	7.8E-01
cg03039399	<i>CREBBP</i>	chr16	TSS1500	1.05	(0.76; 1.44)	7.8E-01
cg12529212	<i>CPEB1</i>	chr15	Body	0.94	(0.59; 1.48)	7.8E-01
cg12529212	<i>CPEB1</i>	chr15	5'UTR	0.94	(0.59; 1.48)	7.8E-01
cg24771104	<i>SUSD4</i>	chr1	Body	0.95	(0.65; 1.39)	7.8E-01
cg07761328	<i>ZNF704</i>	chr8	Body	0.95	(0.65; 1.39)	7.8E-01
cg00919987	<i>TAOK3</i>	chr12	TSS1500	0.96	(0.7; 1.31)	7.8E-01
cg09193477	<i>PTPRN2</i>	chr7	Body	0.96	(0.71; 1.3)	7.8E-01
cg02289020	<i>CDH13</i>	chr16	Body	0.94	(0.62; 1.44)	7.8E-01
cg27358165	<i>AKAP13</i>	chr15	Body	0.96	(0.71; 1.29)	7.8E-01
cg14196195	<i>CHFR</i>	chr12	Body	1.05	(0.76; 1.44)	7.8E-01
cg25025247	<i>CSMD2</i>	chr1	TSS1500	1.04	(0.77; 1.41)	7.8E-01
cg06000610	<i>PTPRN2</i>	chr7	Body	0.95	(0.68; 1.33)	7.8E-01
cg06420962	<i>ERI3</i>	chr1	Body	0.96	(0.7; 1.3)	7.8E-01
cg12756945	<i>PTPRN2</i>	chr7	Body	0.95	(0.64; 1.41)	7.8E-01
cg04854462	<i>MTCL1</i>	chr18	Body	1.05	(0.75; 1.46)	7.8E-01
cg17516945	<i>DDHD2</i>	chr8	TSS1500	0.96	(0.7; 1.31)	7.8E-01
cg19139509	<i>CNTNAP2</i>	chr7	Body	0.94	(0.63; 1.42)	7.8E-01
cg21587319	<i>PTPRN2</i>	chr7	Body	0.96	(0.71; 1.29)	7.8E-01
cg05697849	<i>ELAVL4</i>	chr1	1stExon	1.06	(0.71; 1.56)	7.8E-01
cg05697849	<i>ELAVL4</i>	chr1	5'UTR	1.06	(0.71; 1.56)	7.8E-01
cg13553120	<i>PEX14</i>	chr1	Body	1.05	(0.75; 1.45)	7.8E-01
cg18634690	<i>GNA12</i>	chr7	Body	1.05	(0.74; 1.48)	7.8E-01
cg20785956	<i>CACNA1C</i>	chr12	Body	1.04	(0.77; 1.41)	7.9E-01
cg09840968	<i>MEIS2</i>	chr15	TSS1500	0.95	(0.68; 1.33)	7.9E-01
cg25500204	<i>TNR</i>	chr1	5'UTR	0.96	(0.7; 1.3)	7.9E-01
cg05986374	<i>PTPRN2</i>	chr7	Body	1.07	(0.66; 1.73)	7.9E-01
cg20770435	<i>BRUNOL4</i>	chr18	Body	1.05	(0.74; 1.49)	7.9E-01
cg01954585	<i>AKAP13</i>	chr15	Body	0.96	(0.69; 1.33)	7.9E-01
cg10295773	<i>WWOX</i>	chr16	Body	1.08	(0.63; 1.85)	7.9E-01
cg09863630	<i>MEIS2</i>	chr15	Body	1.04	(0.76; 1.43)	7.9E-01
cg07191791	<i>SUSD4</i>	chr1	Body	0.95	(0.63; 1.42)	7.9E-01
cg27011355	<i>CTNND2</i>	chr5	Body	0.96	(0.7; 1.31)	7.9E-01

cg12950817	CACNA1C	chr12	Body	1.05	(0.74; 1.48)	7.9E-01
cg22531685	PTPRN2	chr7	Body	1.05	(0.73; 1.52)	7.9E-01
cg00232445	WWOX	chr16	Body	1.05	(0.74; 1.5)	7.9E-01
cg05038432	NDUFA9	chr12	Body	0.96	(0.69; 1.32)	7.9E-01
cg02639601	TNRC18	chr7	Body	0.96	(0.72; 1.28)	7.9E-01
cg11353647	PTPRN2	chr7	Body	0.96	(0.7; 1.31)	7.9E-01
cg06622286	RTN4	chr2	Body	1.06	(0.69; 1.62)	7.9E-01
cg06622286	RTN4	chr2	5'UTR	1.06	(0.69; 1.62)	7.9E-01
cg12334034	CUX2	chr12	Body	1.05	(0.73; 1.52)	7.9E-01
cg18830831	MTNR1A	chr4	3'UTR	1.05	(0.73; 1.5)	7.9E-01
cg17368558	CACNA1C	chr12	Body	1.05	(0.73; 1.51)	7.9E-01
cg27559224	HMGB4	chr1	5'UTR	1.06	(0.68; 1.66)	7.9E-01
cg27559224	HMGB4	chr1	TSS1500	1.06	(0.68; 1.66)	7.9E-01
cg27559224	CSMD2	chr1	Body	1.06	(0.68; 1.66)	7.9E-01
cg26161045	RTN4	chr2	TSS1500	0.96	(0.69; 1.32)	7.9E-01
cg26161045	RTN4	chr2	1stExon	0.96	(0.69; 1.32)	7.9E-01
cg08373769	PTPRN2	chr7	Body	1.04	(0.76; 1.44)	7.9E-01
cg05985663	CREBBP	chr16	TSS1500	0.96	(0.71; 1.29)	7.9E-01
cg14849447	NOL4L	chr20	Body	0.93	(0.57; 1.53)	7.9E-01
cg23859303	PTPRN2	chr7	Body	0.96	(0.7; 1.31)	7.9E-01
cg11128956	PTPRN2	chr7	Body	0.95	(0.67; 1.35)	7.9E-01
cg13538299	PTPRN2	chr7	Body	0.94	(0.6; 1.47)	7.9E-01
cg01704939	ACVR2A	chr2	Body	0.94	(0.57; 1.53)	7.9E-01
cg18944685	CDH13	chr16	Body	0.95	(0.65; 1.38)	7.9E-01
cg04450200	AKAP13	chr15	Body	1.06	(0.69; 1.64)	7.9E-01
cg08600054	PTPRN2	chr7	Body	0.96	(0.69; 1.33)	7.9E-01
cg05171921	PTPRN2	chr7	Body	1.04	(0.77; 1.42)	7.9E-01
cg18577239	ATF7	chr12	Body	0.94	(0.61; 1.45)	7.9E-01
cg26573492	PTPRS	chr19	Body	1.05	(0.73; 1.5)	7.9E-01
cg16358453	TAOK3	chr12	Body	1.04	(0.76; 1.44)	7.9E-01
cg26990527	WWOX	chr16	Body	1.05	(0.75; 1.46)	7.9E-01
cg22795471	PTPRU	chr1	Body	1.06	(0.69; 1.62)	7.9E-01
cg06835392	CUX2	chr12	Body	0.95	(0.66; 1.37)	7.9E-01
cg06715136	PTPRN2	chr7	Body	0.96	(0.7; 1.31)	7.9E-01
cg17949170	SMARCD3	chr7	TSS200	1.04	(0.79; 1.35)	7.9E-01
cg17949170	SMARCD3	chr7	Body	1.04	(0.79; 1.35)	7.9E-01
cg23727674	ACVR2A	chr2	Body	0.95	(0.68; 1.35)	7.9E-01
cg17170812	TENM2	chr5	Body	0.96	(0.69; 1.32)	7.9E-01
cg05378233	NRXN1	chr2	5'UTR	0.95	(0.63; 1.42)	7.9E-01
cg05378233	NRXN1	chr2	1stExon	0.95	(0.63; 1.42)	7.9E-01
cg04870498	TNRC6B	chr22	Body	1.05	(0.75; 1.45)	7.9E-01
cg04870498	TNRC6B	chr22	TSS200	1.05	(0.75; 1.45)	7.9E-01
cg01706445	ATF7IP	chr12	TSS1500	0.95	(0.65; 1.39)	7.9E-01
cg11677524	PTPRN2	chr7	Body	0.96	(0.68; 1.34)	7.9E-01
cg06695027	FBXO38	chr5	5'UTR	1.04	(0.76; 1.44)	7.9E-01
cg23834301	TNRC6B	chr22	Body	1.06	(0.69; 1.62)	7.9E-01
cg07466622	PHACTR1	chr6	Body	0.95	(0.63; 1.43)	7.9E-01
cg21641814	WWOX	chr16	Body	0.95	(0.65; 1.4)	7.9E-01
cg15898192	CHFR	chr12	Body	1.04	(0.76; 1.43)	7.9E-01
cg25314840	WAC	chr10	TSS200	0.96	(0.69; 1.33)	7.9E-01
cg25314840	WAC	chr10	TSS1500	0.96	(0.69; 1.33)	7.9E-01
cg08589270	SMARCD3	chr7	Body	0.96	(0.71; 1.3)	7.9E-01
cg00604729	ARID1A	chr1	ExonBnd	1.05	(0.75; 1.46)	7.9E-01
cg00604729	ARID1A	chr1	Body	1.05	(0.75; 1.46)	7.9E-01
cg15408828	TDRP	chr8	TSS1500	0.93	(0.55; 1.57)	7.9E-01
cg15408828	TDRP	chr8	TSS200	0.93	(0.55; 1.57)	7.9E-01
cg27629384	PTPRN2	chr7	Body	1.05	(0.71; 1.57)	7.9E-01
cg14345978	GNA12	chr7	Body	0.96	(0.7; 1.32)	7.9E-01
cg14345978	GNA12	chr7	TSS1500	0.96	(0.7; 1.32)	7.9E-01
cg04132891	CCDC80	chr3	Body	0.95	(0.63; 1.42)	7.9E-01
cg14733103	CUX2	chr12	Body	0.96	(0.68; 1.35)	7.9E-01

cg16081185	NOL4	chr18	5'UTR	0.95	(0.65; 1.39)	7.9E-01
cg16081185	NOL4	chr18	Body	0.95	(0.65; 1.39)	7.9E-01
cg04776122	TNRC6B	chr22	5'UTR	1.05	(0.74; 1.48)	7.9E-01
cg24241530	PTPRN2	chr7	Body	1.05	(0.75; 1.46)	7.9E-01
cg15920906	CUX2	chr12	Body	0.91	(0.43; 1.91)	8.0E-01
cg06261354	COL1A2	chr7	TSS1500	0.96	(0.72; 1.29)	8.0E-01
cg15819646	TNFRSF1B	chr1	TSS200	1.04	(0.75; 1.45)	8.0E-01
cg12489727	TNRC6C	chr17	3'UTR	0.96	(0.69; 1.33)	8.0E-01
cg25907853	TNFRSF19	chr13	5'UTR	0.96	(0.7; 1.31)	8.0E-01
cg14949892	CHFR	chr12	Body	1.04	(0.76; 1.44)	8.0E-01
cg22620803	PTPRN2	chr7	Body	1.04	(0.76; 1.42)	8.0E-01
cg19629899	AKAP13	chr15	5'UTR	1.04	(0.76; 1.43)	8.0E-01
cg07421393	PTPRN2	chr7	Body	0.96	(0.69; 1.33)	8.0E-01
cg27119715	NOL4L	chr20	Body	1.07	(0.64; 1.8)	8.0E-01
cg23475725	CACNA1C	chr12	Body	1.07	(0.65; 1.75)	8.0E-01
cg04605148	SLC16A9	chr10	5'UTR	1.05	(0.74; 1.47)	8.0E-01
cg27282206	PTPRN2	chr7	Body	0.96	(0.69; 1.33)	8.0E-01
cg01735147	CACNA1C	chr12	Body	1.07	(0.63; 1.82)	8.0E-01
cg00094303	CDH11	chr16	5'UTR	0.96	(0.68; 1.34)	8.0E-01
cg25671785	CDH13	chr16	5'UTR	0.96	(0.68; 1.34)	8.0E-01
cg25671785	CDH13	chr16	Body	0.96	(0.68; 1.34)	8.0E-01
cg08738340	CDH13	chr16	5'UTR	0.95	(0.65; 1.39)	8.0E-01
cg08738340	CDH13	chr16	Body	0.95	(0.65; 1.39)	8.0E-01
cg21029505	CDH13	chr16	Body	1.04	(0.75; 1.45)	8.0E-01
cg06185440	PHACTR1	chr6	Body	1.13	(0.45; 2.85)	8.0E-01
cg14641333	PTPRN2	chr7	Body	0.95	(0.67; 1.37)	8.0E-01
cg08677916	MEIS2	chr15	Body	1.06	(0.69; 1.61)	8.0E-01
cg24055239	LOC101929698	chr20	Body	0.95	(0.65; 1.39)	8.0E-01
cg24055239	NOL4L	chr20	Body	0.95	(0.65; 1.39)	8.0E-01
cg13055436	ZBTB20	chr3	5'UTR	0.94	(0.6; 1.49)	8.0E-01
cg18250135	TNRC18	chr7	Body	0.96	(0.71; 1.3)	8.0E-01
cg24084872	ZBTB20	chr3	Body	1.07	(0.65; 1.73)	8.0E-01
cg24084872	ZBTB20	chr3	5'UTR	1.07	(0.65; 1.73)	8.0E-01
cg18056414	CDH11	chr16	5'UTR	1.04	(0.76; 1.43)	8.0E-01
cg12472483	PTPRN2	chr7	Body	1.05	(0.74; 1.48)	8.0E-01
cg14831325	FBXO38	chr5	Body	0.95	(0.65; 1.4)	8.0E-01
cg07632790	DDHD2	chr8	Body	0.96	(0.69; 1.34)	8.0E-01
cg02828078	TNRC6B	chr22	Body	0.95	(0.66; 1.38)	8.0E-01
cg03714495	NRXN1	chr2	Body	0.96	(0.72; 1.29)	8.0E-01
cg02645407	ALCAM	chr3	Body	0.96	(0.72; 1.28)	8.0E-01
cg16619352	CUX2	chr12	Body	0.92	(0.5; 1.72)	8.0E-01
cg01657422	WWOX	chr16	Body	1.04	(0.75; 1.44)	8.0E-01
cg19297703	WWOX	chr16	Body	0.96	(0.68; 1.35)	8.0E-01
cg15542608	PHACTR1	chr6	Body	1.05	(0.73; 1.51)	8.0E-01
cg04499601	RECQL	chr12	Body	1.05	(0.71; 1.55)	8.0E-01
cg09301222	MBD5	chr2	Body	0.95	(0.66; 1.37)	8.0E-01
cg00379657	CHFR	chr12	Body	0.96	(0.68; 1.35)	8.0E-01
cg00398510	ATF7IP2	chr16	5'UTR	1.04	(0.76; 1.42)	8.0E-01
cg00398510	ATF7IP2	chr16	Body	1.04	(0.76; 1.42)	8.0E-01
cg27336392	TSHZ3	chr19	Body	0.94	(0.58; 1.52)	8.0E-01
cg24441888	DMXL2	chr15	5'UTR	0.97	(0.74; 1.27)	8.0E-01
cg24441888	DMXL2	chr15	1stExon	0.97	(0.74; 1.27)	8.0E-01
cg05851741	ALCAM	chr3	Body	1.05	(0.72; 1.53)	8.0E-01
cg23432930	CHFR	chr12	TSS1500	1.05	(0.74; 1.48)	8.0E-01
cg08526894	RTN4RL1	chr17	Body	0.95	(0.64; 1.42)	8.0E-01
cg25003628	CDH13	chr16	5'UTR	0.96	(0.68; 1.35)	8.0E-01
cg25003628	CDH13	chr16	Body	0.96	(0.68; 1.35)	8.0E-01
cg02105042	TNFRSF12A	chr16	TSS1500	0.96	(0.68; 1.35)	8.0E-01
cg02660277	PTPRN2	chr7	Body	0.93	(0.55; 1.58)	8.0E-01
cg24301101	PHACTR1	chr6	Body	1.04	(0.75; 1.46)	8.0E-01
cg05559155	NRXN1	chr2	Body	0.94	(0.6; 1.49)	8.0E-01

cg09966375	<i>PTPRN2</i>	chr7	Body	0.96	(0.7; 1.32)	8.0E-01
cg22308600	<i>NOL4</i>	chr18	Body	1.05	(0.74; 1.48)	8.0E-01
cg22308600	<i>NOL4</i>	chr18	TSS200	1.05	(0.74; 1.48)	8.0E-01
cg18020547	<i>SUSD4</i>	chr1	TSS1500	1.05	(0.74; 1.48)	8.0E-01
cg07331576	<i>NDUFA9</i>	chr12	Body	0.93	(0.52; 1.67)	8.0E-01
cg26275242	<i>ERI3</i>	chr1	1stExon	1.04	(0.78; 1.38)	8.0E-01
cg26275242	<i>ERI3</i>	chr1	5'UTR	1.04	(0.78; 1.38)	8.0E-01
cg11762629	<i>CTDSP2</i>	chr12	1stExon	0.96	(0.7; 1.32)	8.0E-01
cg03185022	<i>GNA12</i>	chr7	TSS200	1.04	(0.76; 1.43)	8.0E-01
cg10940066	<i>PTPRN2</i>	chr7	Body	1.05	(0.73; 1.51)	8.0E-01
cg27219574	<i>CHFR</i>	chr12	Body	0.96	(0.71; 1.3)	8.0E-01
cg10129944	<i>PHACTR1</i>	chr6	5'UTR	1.04	(0.77; 1.41)	8.0E-01
cg26345619	<i>CACNA1C</i>	chr12	Body	0.95	(0.63; 1.42)	8.0E-01
cg06768423	<i>TNFRSF10D</i>	chr8	TSS1500	1.05	(0.74; 1.49)	8.0E-01
cg23749005	<i>PTPRN2</i>	chr7	Body	0.96	(0.7; 1.32)	8.0E-01
cg08747777	<i>CDH11</i>	chr16	TSS1500	0.95	(0.65; 1.4)	8.0E-01
cg12070069	<i>PHACTR1</i>	chr6	TSS1500	1.04	(0.76; 1.43)	8.0E-01
cg06339573	<i>PTPRN2</i>	chr7	Body	0.96	(0.71; 1.31)	8.0E-01
cg22744587	<i>BARX2</i>	chr11	3'UTR	0.97	(0.73; 1.28)	8.0E-01
cg13083427	<i>PTPRN2</i>	chr7	Body	0.96	(0.69; 1.33)	8.0E-01
cg02902395	<i>POU2F1</i>	chr1	TSS1500	1.04	(0.76; 1.42)	8.0E-01
cg10533597	<i>SMARCD3</i>	chr7	Body	1.05	(0.71; 1.57)	8.0E-01
cg07926178	<i>PTPRN2</i>	chr7	Body	0.95	(0.62; 1.45)	8.0E-01
cg13781197	<i>PDE8A</i>	chr15	Body	1.04	(0.76; 1.44)	8.0E-01
cg14759472	<i>PTPRN2</i>	chr7	Body	0.97	(0.74; 1.27)	8.1E-01
cg18021623	<i>PTPRN2</i>	chr7	Body	0.95	(0.64; 1.41)	8.1E-01
cg22744831	<i>ZBTB20</i>	chr3	Body	1.05	(0.7; 1.58)	8.1E-01
cg22744831	<i>ZBTB20</i>	chr3	5'UTR	1.05	(0.7; 1.58)	8.1E-01
cg02174588	<i>ZNF704</i>	chr8	TSS1500	0.96	(0.67; 1.36)	8.1E-01
cg21863172	<i>PDE8A</i>	chr15	5'UTR	1.05	(0.72; 1.51)	8.1E-01
cg21863172	<i>PDE8A</i>	chr15	Body	1.05	(0.72; 1.51)	8.1E-01
cg24294013	<i>PEX14</i>	chr1	Body	0.96	(0.72; 1.29)	8.1E-01
cg06097048	<i>WAC</i>	chr10	Body	1.06	(0.68; 1.63)	8.1E-01
cg16980098	<i>FBXO36</i>	chr2	Body	0.96	(0.72; 1.29)	8.1E-01
cg09360824	<i>PTPRN2</i>	chr7	Body	1.04	(0.76; 1.43)	8.1E-01
cg05540431	<i>ACVR2A</i>	chr2	5'UTR	1.05	(0.71; 1.54)	8.1E-01
cg05540431	<i>ACVR2A</i>	chr2	Body	1.05	(0.71; 1.54)	8.1E-01
cg23667391	<i>CSMD2</i>	chr1	Body	0.96	(0.7; 1.32)	8.1E-01
cg02058859	<i>TAOK3</i>	chr12	Body	0.96	(0.66; 1.38)	8.1E-01
cg08171483	<i>CTDSPL</i>	chr3	Body	1.04	(0.76; 1.41)	8.1E-01
cg01928968	<i>CNTNAP2</i>	chr7	Body	1.04	(0.77; 1.4)	8.1E-01
cg09217522	<i>GOLT1B</i>	chr12	Body	0.96	(0.7; 1.32)	8.1E-01
cg09217522	<i>RECQL</i>	chr12	TSS1500	0.96	(0.7; 1.32)	8.1E-01
cg15061647	<i>PTPRN2</i>	chr7	Body	0.95	(0.66; 1.38)	8.1E-01
cg17160317	<i>NOL4</i>	chr18	5'UTR	1.04	(0.74; 1.46)	8.1E-01
cg17160317	<i>NOL4</i>	chr18	Body	1.04	(0.74; 1.46)	8.1E-01
cg22417032	<i>PTPRN2</i>	chr7	Body	0.96	(0.69; 1.33)	8.1E-01
cg06152586	<i>PTPRN2</i>	chr7	Body	1.03	(0.79; 1.36)	8.1E-01
cg01930524	<i>RECQL5</i>	chr17	Body	1.04	(0.75; 1.44)	8.1E-01
cg17162069	<i>PTPRN2</i>	chr7	Body	1.07	(0.62; 1.84)	8.1E-01
cg16419421	<i>PTPRN2</i>	chr7	Body	0.96	(0.71; 1.31)	8.1E-01
cg01820584	<i>DCUN1D4</i>	chr4	Body	1.04	(0.74; 1.48)	8.1E-01
cg26484073	<i>RTN4RL1</i>	chr17	Body	0.96	(0.67; 1.37)	8.1E-01
cg07217499	<i>CACNA1C</i>	chr12	Body	0.94	(0.57; 1.54)	8.1E-01
cg11376706	<i>PTPRN2</i>	chr7	Body	1.04	(0.76; 1.43)	8.1E-01
cg25619609	<i>MBD5</i>	chr2	3'UTR	0.94	(0.55; 1.6)	8.1E-01
cg07638822	<i>PTPRN2</i>	chr7	Body	1.04	(0.74; 1.46)	8.1E-01
cg04432137	<i>CREBBP</i>	chr16	Body	1.05	(0.73; 1.51)	8.1E-01
cg01014438	<i>CACNA1C</i>	chr12	Body	0.96	(0.72; 1.29)	8.1E-01
cg18295261	<i>FBXO34</i>	chr14	TSS1500	0.96	(0.7; 1.32)	8.1E-01
cg00927151	<i>SCAF8</i>	chr6	Body	0.94	(0.56; 1.57)	8.1E-01

cg10051634	<i>MTCL1</i>	chr18	Body	1.06	(0.67; 1.68)	8.1E-01
cg02100604	<i>CEP350</i>	chr1	Body	0.96	(0.69; 1.33)	8.1E-01
cg22807241	<i>CNTNAP2</i>	chr7	Body	1.05	(0.72; 1.52)	8.1E-01
cg09632458	<i>PTPRN2</i>	chr7	Body	0.96	(0.71; 1.31)	8.1E-01
cg04970144	<i>CTNND2</i>	chr5	Body	0.96	(0.69; 1.34)	8.1E-01
cg04970144	<i>CTNND2</i>	chr5	5'UTR	0.96	(0.69; 1.34)	8.1E-01
cg19963142	<i>ZFP91</i>	chr11	TSS1500	0.96	(0.71; 1.3)	8.1E-01
cg23669611	<i>RTN4RL1</i>	chr17	Body	0.95	(0.64; 1.42)	8.1E-01
cg20733017	<i>PTPRN2</i>	chr7	Body	1.05	(0.69; 1.61)	8.1E-01
cg05956920	<i>WWOX</i>	chr16	Body	0.96	(0.7; 1.33)	8.1E-01
cg09397542	<i>PHACTR1</i>	chr6	5'UTR	1.04	(0.76; 1.41)	8.1E-01
cg17138151	<i>TAOK3</i>	chr12	5'UTR	1.04	(0.77; 1.39)	8.1E-01
cg10386660	<i>WWOX</i>	chr16	Body	1.04	(0.75; 1.45)	8.1E-01
cg16494747	<i>CDH13</i>	chr16	TSS1500	1.04	(0.75; 1.45)	8.1E-01
cg13531018	<i>NRXN1</i>	chr2	Body	0.95	(0.64; 1.42)	8.1E-01
cg05550328	<i>CHCHD6</i>	chr3	Body	0.96	(0.69; 1.33)	8.1E-01
cg24041338	<i>TNR</i>	chr1	5'UTR	0.96	(0.69; 1.34)	8.1E-01
cg15618071	<i>CHCHD6</i>	chr3	Body	0.96	(0.69; 1.33)	8.1E-01
cg27353346	<i>BRUNOL4</i>	chr18	Body	0.96	(0.68; 1.35)	8.1E-01
cg05547059	<i>WWOX</i>	chr16	Body	1.04	(0.74; 1.46)	8.1E-01
cg12082283	<i>CEP350</i>	chr1	5'UTR	1.04	(0.74; 1.47)	8.1E-01
cg12814185	<i>CHD6</i>	chr20	5'UTR	0.96	(0.69; 1.34)	8.1E-01
cg07794150	<i>CSMD2</i>	chr1	Body	1.04	(0.76; 1.42)	8.1E-01
cg18045878	<i>TNRC6A</i>	chr16	Body	0.96	(0.66; 1.38)	8.1E-01
cg16754374	<i>ELAVL4</i>	chr1	TSS1500	1.04	(0.78; 1.38)	8.1E-01
cg16710124	<i>ERI3</i>	chr1	Body	0.96	(0.7; 1.32)	8.1E-01
cg11046772	<i>CACNA1C</i>	chr12	Body	0.96	(0.67; 1.37)	8.1E-01
cg10138919	<i>AKAP13</i>	chr15	TSS200	1.04	(0.76; 1.42)	8.1E-01
cg00049102	<i>DACH1</i>	chr13	Body	1.04	(0.75; 1.45)	8.1E-01
cg10364896	<i>CREBBP</i>	chr16	Body	1.04	(0.77; 1.39)	8.1E-01
cg07658449	<i>CUX2</i>	chr12	Body	1.04	(0.75; 1.43)	8.1E-01
cg04368945	<i>NOL4L</i>	chr20	Body	1.04	(0.76; 1.43)	8.1E-01
cg26548251	<i>CNTNAP2</i>	chr7	Body	0.96	(0.66; 1.39)	8.1E-01
cg11968286	<i>TNFRSF19</i>	chr13	5'UTR	0.95	(0.64; 1.41)	8.1E-01
cg26009245	<i>ERI3</i>	chr1	TSS200	0.97	(0.72; 1.29)	8.1E-01
cg27446566	<i>TXNDC9</i>	chr2	TSS200	1.04	(0.76; 1.41)	8.1E-01
cg00911813	<i>TNRC18</i>	chr7	5'UTR	1.05	(0.72; 1.53)	8.1E-01
cg22519705	<i>FBXO11</i>	chr2	ExonBnd	1.06	(0.65; 1.73)	8.1E-01
cg22519705	<i>FBXO11</i>	chr2	Body	1.06	(0.65; 1.73)	8.1E-01
cg19619064	<i>PTPRU</i>	chr1	TSS1500	1.04	(0.75; 1.45)	8.1E-01
cg02941085	<i>PTPRN2</i>	chr7	Body	1.04	(0.75; 1.43)	8.1E-01
cg23599716	<i>ERI3</i>	chr1	3'UTR	0.95	(0.64; 1.43)	8.1E-01
cg11424674	<i>ERI3</i>	chr1	Body	0.96	(0.68; 1.36)	8.1E-01
cg12744722	<i>CUX2</i>	chr12	Body	1.07	(0.63; 1.82)	8.1E-01
cg06788172	<i>DMXL2</i>	chr15	TSS200	0.96	(0.67; 1.37)	8.2E-01
cg15208519	<i>TNFRSF1B</i>	chr1	Body	0.96	(0.67; 1.38)	8.2E-01
cg09146903	<i>COL1A2</i>	chr7	TSS200	1.05	(0.69; 1.6)	8.2E-01
cg03935579	<i>ALCAM</i>	chr3	Body	0.96	(0.71; 1.31)	8.2E-01
cg19205498	<i>CHFR</i>	chr12	Body	0.96	(0.7; 1.32)	8.2E-01
cg00036710	<i>FBXO36</i>	chr2	3'UTR	0.95	(0.59; 1.52)	8.2E-01
cg26896179	<i>FBXO11</i>	chr2	Body	0.96	(0.7; 1.33)	8.2E-01
cg00973286	<i>TNFRSF1A</i>	chr12	5'UTR	1.04	(0.74; 1.46)	8.2E-01
cg00973286	<i>TNFRSF1A</i>	chr12	1stExon	1.04	(0.74; 1.46)	8.2E-01
cg12765562	<i>ERI3</i>	chr1	Body	1.04	(0.77; 1.4)	8.2E-01
cg08822689	<i>WWOX</i>	chr16	Body	0.96	(0.67; 1.37)	8.2E-01
cg11817192	<i>GNA12</i>	chr7	Body	1.04	(0.73; 1.49)	8.2E-01
cg02214305	<i>PTPRN2</i>	chr7	Body	0.96	(0.65; 1.41)	8.2E-01
cg26474048	<i>PTPRN2</i>	chr7	Body	0.96	(0.69; 1.35)	8.2E-01
cg11367149	<i>ATF7</i>	chr12	Body	1.04	(0.77; 1.39)	8.2E-01
cg09483067	<i>TNFRSF1A</i>	chr12	TSS200	1.04	(0.74; 1.47)	8.2E-01
cg11318054	<i>PTPRN2</i>	chr7	Body	0.96	(0.69; 1.34)	8.2E-01

cg12783346	<i>FBXO11</i>	chr2	5'UTR	0.95	(0.62; 1.45)	8.2E-01
cg21262834	<i>PTPRN2</i>	chr7	Body	1.05	(0.71; 1.54)	8.2E-01
cg23494458	<i>SUSD4</i>	chr1	5'UTR	0.96	(0.7; 1.32)	8.2E-01
cg07753525	<i>WVOX</i>	chr16	Body	1.04	(0.73; 1.5)	8.2E-01
cg11072645	<i>PTPRN2</i>	chr7	Body	1.04	(0.74; 1.46)	8.2E-01
cg09024685	<i>AKAP13</i>	chr15	Body	0.91	(0.42; 1.99)	8.2E-01
cg15552845	<i>TNR</i>	chr1	Body	0.96	(0.71; 1.31)	8.2E-01
cg04336561	<i>PTPRN2</i>	chr7	Body	0.95	(0.61; 1.47)	8.2E-01
cg11449689	<i>FBXO34</i>	chr14	TSS200	1.04	(0.76; 1.42)	8.2E-01
cg11449689	<i>FBXO34</i>	chr14	5'UTR	1.04	(0.76; 1.42)	8.2E-01
cg04849508	<i>GNA12</i>	chr7	Body	1.04	(0.74; 1.48)	8.2E-01
cg02519218	<i>CHFR</i>	chr12	Body	0.94	(0.54; 1.62)	8.2E-01
cg19571504	<i>CUX2</i>	chr12	Body	0.95	(0.64; 1.42)	8.2E-01
cg25447144	<i>MEIS2</i>	chr15	Body	0.95	(0.64; 1.42)	8.2E-01
cg07015608	<i>PTPRN2</i>	chr7	Body	0.96	(0.66; 1.38)	8.2E-01
cg26517831	<i>GNA12</i>	chr7	3'UTR	0.96	(0.69; 1.34)	8.2E-01
cg13710390	<i>TENM2</i>	chr5	Body	0.97	(0.73; 1.28)	8.2E-01
cg08365738	<i>CCDC80</i>	chr3	Body	1.05	(0.68; 1.64)	8.2E-01
cg06408759	<i>RTN4R</i>	chr22	Body	0.94	(0.55; 1.6)	8.2E-01
cg19207930	<i>TAOK3</i>	chr12	Body	1.04	(0.73; 1.49)	8.2E-01
cg20682895	<i>PTPRN2</i>	chr7	Body	1.04	(0.76; 1.41)	8.2E-01
cg06952529	<i>WVOX</i>	chr16	Body	1.04	(0.73; 1.49)	8.2E-01
cg20499859	<i>CTDSP2</i>	chr12	TSS200	0.96	(0.7; 1.33)	8.2E-01
cg23145996	<i>CACNA1C</i>	chr12	Body	1.04	(0.75; 1.43)	8.2E-01
cg27211158	<i>ATP6V0C</i>	chr16	Body	1.04	(0.75; 1.43)	8.2E-01
cg04155750	<i>CDH13</i>	chr16	5'UTR	0.97	(0.72; 1.3)	8.2E-01
cg04155750	<i>CDH13</i>	chr16	Body	0.97	(0.72; 1.3)	8.2E-01
cg08748098	<i>WVOX</i>	chr16	Body	1.04	(0.74; 1.45)	8.2E-01
cg19711800	<i>ERI3</i>	chr1	Body	1.04	(0.73; 1.48)	8.2E-01
cg25564954	<i>AKAP13</i>	chr15	Body	1.05	(0.71; 1.54)	8.2E-01
cg06781608	<i>PTPRN2</i>	chr7	Body	1.04	(0.74; 1.45)	8.2E-01
cg25735076	<i>PTPRN2</i>	chr7	Body	1.04	(0.76; 1.41)	8.2E-01
cg23209537	<i>TNRC18</i>	chr7	TSS1500	1.05	(0.67; 1.66)	8.2E-01
cg00635695	<i>PTPRN2</i>	chr7	Body	0.97	(0.71; 1.31)	8.2E-01
cg08021865	<i>CSMD2</i>	chr1	Body	0.96	(0.7; 1.33)	8.2E-01
cg27331316	<i>CSMD2</i>	chr1	Body	0.96	(0.68; 1.36)	8.2E-01
cg05142929	<i>TNFRSF11A</i>	chr18	Body	1.04	(0.73; 1.49)	8.2E-01
cg06133671	<i>CHCHD6</i>	chr3	Body	1.04	(0.76; 1.4)	8.2E-01
cg04395875	<i>CUX2</i>	chr12	Body	1.04	(0.74; 1.45)	8.2E-01
cg21232767	<i>PTPRN2</i>	chr7	Body	0.96	(0.67; 1.37)	8.2E-01
cg17430920	<i>PHACTR1</i>	chr6	Body	0.96	(0.68; 1.36)	8.2E-01
cg20528787	<i>PTPRN2</i>	chr7	Body	0.97	(0.71; 1.31)	8.2E-01
cg07624595	<i>SGIP1</i>	chr1	Body	0.95	(0.6; 1.5)	8.2E-01
cg20633024	<i>CEP350</i>	chr1	Body	1.05	(0.7; 1.57)	8.2E-01
cg05176146	<i>FBXO38</i>	chr5	TSS200	1.03	(0.77; 1.38)	8.2E-01
cg10700275	<i>CEP350</i>	chr1	TSS1500	1.04	(0.75; 1.43)	8.2E-01
cg00423811	<i>PTPRN2</i>	chr7	Body	1.04	(0.75; 1.43)	8.2E-01
cg10279167	<i>CREBBP</i>	chr16	Body	0.97	(0.72; 1.3)	8.2E-01
cg23677103	<i>PTPRN2</i>	chr7	Body	1.04	(0.73; 1.48)	8.2E-01
cg14725952	<i>PTPRS</i>	chr19	5'UTR	0.96	(0.64; 1.43)	8.2E-01
cg15272173	<i>PTPRN2</i>	chr7	Body	0.97	(0.72; 1.3)	8.2E-01
cg09031719	<i>SGIP1</i>	chr1	Body	1.04	(0.73; 1.47)	8.2E-01
cg13000125	<i>NRXN1</i>	chr2	Body	1.04	(0.75; 1.44)	8.2E-01
cg01951170	<i>GNA12</i>	chr7	Body	1.04	(0.73; 1.49)	8.2E-01
cg00621187	<i>AKAP3</i>	chr12	TSS200	0.96	(0.7; 1.33)	8.2E-01
cg00621187	<i>NDUFA9</i>	chr12	1stExon	0.96	(0.7; 1.33)	8.2E-01
cg16747717	<i>WVOX</i>	chr16	Body	0.96	(0.7; 1.33)	8.2E-01
cg25158958	<i>DMXL2</i>	chr15	Body	1.06	(0.64; 1.74)	8.2E-01
cg05307957	<i>ARID1A</i>	chr1	Body	0.96	(0.66; 1.39)	8.2E-01
cg26130729	<i>TNRC18</i>	chr7	Body	1.04	(0.73; 1.48)	8.2E-01
cg25073700	<i>PTPRN2</i>	chr7	Body	0.97	(0.71; 1.32)	8.2E-01

cg14623927	<i>PTPRU</i>	chr1	Body	1.05	(0.69; 1.59)	8.2E-01
cg14689355	<i>ACVR2A</i>	chr2	TSS200	0.96	(0.67; 1.37)	8.3E-01
cg20867820	<i>CDH13</i>	chr16	Body	0.95	(0.63; 1.45)	8.3E-01
cg04605940	<i>PTPRN2</i>	chr7	Body	1.04	(0.74; 1.45)	8.3E-01
cg04240062	<i>ALCAM</i>	chr3	Body	1.04	(0.73; 1.48)	8.3E-01
cg27531356	<i>CNTNAP2</i>	chr7	Body	0.97	(0.71; 1.32)	8.3E-01
cg13018447	<i>RNU5E-1</i>	chr5	Body	0.96	(0.68; 1.36)	8.3E-01
cg01669242	<i>PTPRN2</i>	chr7	Body	1.05	(0.7; 1.55)	8.3E-01
cg14494661	<i>WAC</i>	chr10	3'UTR	0.96	(0.69; 1.35)	8.3E-01
cg15350062	<i>PTPRN2</i>	chr7	Body	1.04	(0.76; 1.41)	8.3E-01
cg20962234	<i>ELAVL4</i>	chr1	Body	1.04	(0.76; 1.42)	8.3E-01
cg00786658	<i>TSHZ3</i>	chr19	TSS1500	1.04	(0.75; 1.43)	8.3E-01
cg19594254	<i>ATF7</i>	chr12	Body	1.04	(0.72; 1.5)	8.3E-01
cg16627911	<i>PTPRN2</i>	chr7	Body	0.97	(0.72; 1.3)	8.3E-01
cg13782388	<i>CHCHD6</i>	chr3	Body	1.04	(0.75; 1.44)	8.3E-01
cg21761232	<i>FBXO34</i>	chr14	TSS1500	1.04	(0.71; 1.53)	8.3E-01
cg21761232	<i>FBXO34</i>	chr14	TSS200	1.04	(0.71; 1.53)	8.3E-01
cg01224922	<i>CACNA1C</i>	chr12	Body	1.04	(0.75; 1.43)	8.3E-01
cg16821068	<i>BARX2</i>	chr11	TSS200	1.05	(0.7; 1.56)	8.3E-01
cg10964421	<i>TNFRSF10D</i>	chr8	Body	0.97	(0.7; 1.33)	8.3E-01
cg13138137	<i>BRUNOL4</i>	chr18	TSS1500	1.04	(0.73; 1.49)	8.3E-01
cg26505371	<i>PTPRS</i>	chr19	Body	1.04	(0.75; 1.44)	8.3E-01
cg01607771	<i>NOL4L</i>	chr20	Body	1.03	(0.77; 1.39)	8.3E-01
cg01607771	<i>NOL4L</i>	chr20	5'UTR	1.03	(0.77; 1.39)	8.3E-01
cg06420129	<i>TNRC6A</i>	chr16	Body	0.96	(0.68; 1.37)	8.3E-01
cg24862984	<i>PTPRN2</i>	chr7	Body	0.96	(0.7; 1.34)	8.3E-01
cg17654470	<i>RTN4R</i>	chr22	Body	0.96	(0.66; 1.39)	8.3E-01
cg13486056	<i>PTPRN2</i>	chr7	Body	1.03	(0.76; 1.4)	8.3E-01
cg19717773	<i>GNA12</i>	chr7	Body	0.97	(0.71; 1.31)	8.3E-01
cg11629955	<i>CHCHD6</i>	chr3	3'UTR	0.96	(0.67; 1.38)	8.3E-01
cg08579279	<i>FBXO31</i>	chr16	5'UTR	0.96	(0.66; 1.4)	8.3E-01
cg22987575	<i>TAOK3</i>	chr12	5'UTR	1.08	(0.54; 2.16)	8.3E-01
cg18705861	<i>CTDSPL2</i>	chr15	TSS1500	1.04	(0.71; 1.54)	8.3E-01
cg07755794	<i>TNRC6B</i>	chr22	Body	1.06	(0.63; 1.79)	8.3E-01
cg16516888	<i>C11orf67</i>	chr11	5'UTR	0.96	(0.68; 1.36)	8.3E-01
cg17527969	<i>PTPRN2</i>	chr7	Body	0.96	(0.68; 1.37)	8.3E-01
cg05164449	<i>PTPRN2</i>	chr7	Body	0.97	(0.72; 1.29)	8.3E-01
cg13999106	<i>NRXN1</i>	chr2	TSS1500	1.04	(0.75; 1.43)	8.3E-01
cg17422574	<i>RTN4</i>	chr2	Body	1.08	(0.55; 2.12)	8.3E-01
cg20641798	<i>RTN4RL1</i>	chr17	TSS200	1.04	(0.74; 1.46)	8.3E-01
cg23348014	<i>COL1A2</i>	chr7	TSS1500	1.03	(0.78; 1.37)	8.3E-01
cg04427566	<i>RNU5E-1</i>	chr5	Body	0.94	(0.56; 1.6)	8.3E-01
cg03575798	<i>WWOX</i>	chr16	Body	1.04	(0.73; 1.49)	8.3E-01
cg21034183	<i>TNRC6B</i>	chr22	5'UTR	0.96	(0.66; 1.4)	8.3E-01
cg15340431	<i>AKAP13</i>	chr15	Body	0.96	(0.69; 1.35)	8.3E-01
cg09665520	<i>CUX2</i>	chr12	Body	0.96	(0.66; 1.39)	8.3E-01
cg21052960	<i>TSHZ3</i>	chr19	Body	1.09	(0.5; 2.34)	8.3E-01
cg05990080	<i>CTDSPL</i>	chr3	Body	0.96	(0.65; 1.41)	8.3E-01
cg03784375	<i>PTPRN2</i>	chr7	Body	1.04	(0.75; 1.42)	8.3E-01
cg20956114	<i>PTPRN2</i>	chr7	Body	1.04	(0.71; 1.52)	8.3E-01
cg15244327	<i>TNFRSF10D</i>	chr8	TSS200	1.04	(0.75; 1.44)	8.3E-01
cg12572748	<i>FBXO34</i>	chr14	5'UTR	0.96	(0.63; 1.46)	8.3E-01
cg04415434	<i>CHCHD6</i>	chr3	TSS200	1.03	(0.77; 1.38)	8.3E-01
cg15972922	<i>ATF7</i>	chr12	Body	0.96	(0.69; 1.35)	8.3E-01
cg18099070	<i>PTPRN2</i>	chr7	Body	1.05	(0.69; 1.58)	8.3E-01
cg18051740	<i>PTPRN2</i>	chr7	Body	1.03	(0.76; 1.41)	8.3E-01
cg16803621	<i>ARID1A</i>	chr1	Body	0.96	(0.66; 1.4)	8.3E-01
cg13493071	<i>GNA12</i>	chr7	Body	1.04	(0.74; 1.46)	8.3E-01
cg13558924	<i>WWOX</i>	chr16	TSS200	1.04	(0.75; 1.43)	8.3E-01
cg24848535	<i>FBXO31</i>	chr16	Body	1.04	(0.74; 1.46)	8.3E-01
cg24848535	<i>FBXO31</i>	chr16	TSS200	1.04	(0.74; 1.46)	8.3E-01

cg00781633	<i>CDH13</i>	chr16	5'UTR	0.97	(0.73; 1.29)	8.3E-01
cg00781633	<i>CDH13</i>	chr16	Body	0.97	(0.73; 1.29)	8.3E-01
cg01243538	<i>SUGCT</i>	chr7	Body	1.04	(0.72; 1.51)	8.3E-01
cg10254605	<i>CHCHD6</i>	chr3	Body	1.03	(0.76; 1.41)	8.3E-01
cg08376924	<i>PTPRN2</i>	chr7	Body	0.97	(0.7; 1.34)	8.3E-01
cg16479386	<i>PTPRN2</i>	chr7	Body	1.04	(0.74; 1.45)	8.3E-01
cg03631078	<i>ZBTB20</i>	chr3	5'UTR	1.04	(0.73; 1.48)	8.3E-01
cg16876348	<i>TNFRSF10D</i>	chr8	TSS1500	1.03	(0.76; 1.4)	8.3E-01
cg09894040	<i>CHCHD6</i>	chr3	TSS200	0.97	(0.71; 1.32)	8.3E-01
cg03181212	<i>AKAP13</i>	chr15	5'UTR	1.04	(0.69; 1.58)	8.3E-01
cg20833161	<i>CUX2</i>	chr12	Body	1.04	(0.74; 1.44)	8.4E-01
cg06697151	<i>ZBTB20</i>	chr3	TSS1500	0.96	(0.68; 1.37)	8.4E-01
cg06697151	<i>ZBTB20</i>	chr3	5'UTR	0.96	(0.68; 1.37)	8.4E-01
cg16518986	<i>PTPRN2</i>	chr7	Body	1.04	(0.73; 1.48)	8.4E-01
cg15179725	<i>BRUNOL4</i>	chr18	TSS1500	0.97	(0.69; 1.35)	8.4E-01
cg04360147	<i>ARID1A</i>	chr1	TSS1500	1.03	(0.78; 1.37)	8.4E-01
cg18943936	<i>TNR</i>	chr1	Body	0.97	(0.7; 1.34)	8.4E-01
cg03250223	<i>UBE2E2</i>	chr3	5'UTR	0.95	(0.61; 1.5)	8.4E-01
cg27260886	<i>RTN4RL2</i>	chr11	Body	0.96	(0.64; 1.44)	8.4E-01
cg02236679	<i>WWOX</i>	chr16	Body	0.96	(0.69; 1.36)	8.4E-01
cg09583915	<i>TAOK3</i>	chr12	Body	0.9	(0.34; 2.38)	8.4E-01
cg13535663	<i>POU2F1</i>	chr1	5'UTR	1.03	(0.76; 1.41)	8.4E-01
cg08988698	<i>RTN4</i>	chr2	Body	0.96	(0.66; 1.41)	8.4E-01
cg12745536	<i>PTPRN2</i>	chr7	Body	1.03	(0.75; 1.43)	8.4E-01
cg27508408	<i>PTPRN2</i>	chr7	Body	1.04	(0.71; 1.52)	8.4E-01
cg00029284	<i>CUX2</i>	chr12	Body	1.04	(0.69; 1.59)	8.4E-01
cg10368655	<i>TAOK3</i>	chr12	Body	1.04	(0.71; 1.51)	8.4E-01
cg12226306	<i>ALCAM</i>	chr3	Body	1.03	(0.75; 1.42)	8.4E-01
cg26884027	<i>PTPRU</i>	chr1	Body	1.03	(0.76; 1.4)	8.4E-01
cg20918537	<i>DMXL2</i>	chr15	Body	0.97	(0.71; 1.32)	8.4E-01
cg11813690	<i>CUX2</i>	chr12	Body	1.04	(0.73; 1.48)	8.4E-01
cg15230900	<i>PTPRN2</i>	chr7	Body	1.04	(0.72; 1.5)	8.4E-01
cg03391055	<i>CSMD2</i>	chr1	Body	0.96	(0.68; 1.37)	8.4E-01
cg25264630	<i>PTPRN2</i>	chr7	Body	0.96	(0.67; 1.38)	8.4E-01
cg06415900	<i>TENM2</i>	chr5	Body	0.97	(0.69; 1.36)	8.4E-01
cg05008825	<i>COL1A2</i>	chr7	Body	1.03	(0.75; 1.42)	8.4E-01
cg13338595	<i>PTPRU</i>	chr1	TSS1500	0.97	(0.69; 1.35)	8.4E-01
cg25626273	<i>CUX2</i>	chr12	Body	0.95	(0.59; 1.52)	8.4E-01
cg03472539	<i>CREBBP</i>	chr16	Body	0.96	(0.66; 1.39)	8.4E-01
cg20842326	<i>PTPRN2</i>	chr7	Body	0.96	(0.64; 1.44)	8.4E-01
cg26059287	<i>PTPRN2</i>	chr7	Body	1.03	(0.75; 1.43)	8.4E-01
cg05475530	<i>ZBTB20</i>	chr3	Body	1.04	(0.69; 1.57)	8.4E-01
cg05475530	<i>ZBTB20</i>	chr3	5'UTR	1.04	(0.69; 1.57)	8.4E-01
cg24899209	<i>ZFP91</i>	chr11	TSS200	1.03	(0.77; 1.37)	8.4E-01
cg22988572	<i>CTNND2</i>	chr5	Body	0.97	(0.7; 1.33)	8.4E-01
cg04014190	<i>CUX2</i>	chr12	Body	0.9	(0.34; 2.39)	8.4E-01
cg15571705	<i>BARX2</i>	chr11	Body	0.96	(0.63; 1.46)	8.4E-01
cg05296024	<i>WWOX</i>	chr16	Body	0.95	(0.61; 1.49)	8.4E-01
cg13017013	<i>CHD6</i>	chr20	Body	1.03	(0.75; 1.43)	8.4E-01
cg19026233	<i>UNC80</i>	chr2	Body	0.97	(0.7; 1.33)	8.4E-01
cg08776627	<i>MTCL1</i>	chr18	Body	1.05	(0.66; 1.68)	8.4E-01
cg02744459	<i>RECQL</i>	chr12	1stExon	0.97	(0.72; 1.3)	8.4E-01
cg02744459	<i>GOLT1B</i>	chr12	TSS1500	0.97	(0.72; 1.3)	8.4E-01
cg02744459	<i>RECQL</i>	chr12	5'UTR	0.97	(0.72; 1.3)	8.4E-01
cg23334467	<i>AKAP13</i>	chr15	Body	0.97	(0.71; 1.31)	8.4E-01
cg06863310	<i>WWOX</i>	chr16	Body	0.97	(0.71; 1.31)	8.4E-01
cg19680441	<i>PTPRN2</i>	chr7	Body	1.03	(0.75; 1.44)	8.4E-01
cg23636419	<i>FBXO31</i>	chr16	TSS1500	0.97	(0.71; 1.33)	8.4E-01
cg11604519	<i>PTPRN2</i>	chr7	Body	0.96	(0.68; 1.37)	8.4E-01
cg18818282	<i>CDH13</i>	chr16	5'UTR	1.03	(0.75; 1.42)	8.4E-01
cg18818282	<i>CDH13</i>	chr16	Body	1.03	(0.75; 1.42)	8.4E-01

cg13181974	MEIS2	chr15	Body	0.97	(0.69; 1.35)	8.4E-01
cg09656639	PTPRN2	chr7	Body	0.94	(0.53; 1.68)	8.4E-01
cg05489332	GNA12	chr7	Body	0.96	(0.68; 1.38)	8.4E-01
cg05489332	GNA12	chr7	TSS1500	0.96	(0.68; 1.38)	8.4E-01
cg23873145	TNRC6A	chr16	Body	0.95	(0.55; 1.64)	8.4E-01
cg26732155	MEIS2	chr15	Body	1.03	(0.77; 1.37)	8.4E-01
cg12779445	PTPRN2	chr7	Body	1.03	(0.75; 1.42)	8.4E-01
cg24489561	TENM2	chr5	Body	1.03	(0.75; 1.43)	8.4E-01
cg23022034	PTPRS	chr19	5'UTR	0.97	(0.71; 1.33)	8.4E-01
cg14624806	CDH13	chr16	5'UTR	0.97	(0.72; 1.31)	8.4E-01
cg14624806	CDH13	chr16	Body	0.97	(0.72; 1.31)	8.4E-01
cg20764780	PTPRN2	chr7	Body	1.03	(0.76; 1.39)	8.4E-01
cg10953723	CSMD2	chr1	Body	0.97	(0.69; 1.36)	8.4E-01
cg18900012	PTPRN2	chr7	Body	1.03	(0.78; 1.35)	8.4E-01
cg13708055	AKAP13	chr15	Body	0.96	(0.62; 1.48)	8.4E-01
cg03339592	TENM2	chr5	Body	1.04	(0.71; 1.51)	8.4E-01
cg00409842	AKAP13	chr15	Body	0.96	(0.68; 1.38)	8.4E-01
cg12412575	AKAP13	chr15	Body	0.95	(0.55; 1.63)	8.4E-01
cg19126954	PTPRN2	chr7	Body	0.96	(0.67; 1.38)	8.4E-01
cg07070077	ZBTB20	chr3	Body	1.03	(0.74; 1.44)	8.4E-01
cg07070077	ZBTB20	chr3	5'UTR	1.03	(0.74; 1.44)	8.4E-01
cg00543524	TNRC6B	chr22	Body	1.04	(0.71; 1.51)	8.4E-01
cg19241175	CSMD2	chr1	Body	0.96	(0.67; 1.38)	8.4E-01
cg05640346	CNTNAP2	chr7	Body	0.97	(0.72; 1.31)	8.4E-01
cg06694945	CHD6	chr20	ExonBnd	0.97	(0.7; 1.34)	8.4E-01
cg06694945	CHD6	chr20	Body	0.97	(0.7; 1.34)	8.4E-01
cg26410016	CDH13	chr16	Body	0.97	(0.72; 1.31)	8.4E-01
cg02913089	PDE8A	chr15	Body	1.04	(0.71; 1.52)	8.4E-01
cg06747087	PTPRN2	chr7	Body	1.03	(0.73; 1.46)	8.5E-01
cg21584493	PTPRN2	chr7	Body	0.97	(0.72; 1.31)	8.5E-01
cg17408166	MEX3A	chr1	TSS1500	0.96	(0.65; 1.42)	8.5E-01
cg26783086	CNTNAP2	chr7	Body	0.96	(0.65; 1.42)	8.5E-01
cg00837594	RTN4RL2	chr11	Body	1.08	(0.5; 2.32)	8.5E-01
cg21375490	PTPRN2	chr7	Body	0.97	(0.69; 1.35)	8.5E-01
cg24517837	TENM2	chr5	Body	1.04	(0.72; 1.49)	8.5E-01
cg17547972	TNR	chr1	5'UTR	0.97	(0.7; 1.33)	8.5E-01
cg20318829	SGIP1	chr1	Body	0.97	(0.71; 1.33)	8.5E-01
cg13835272	SUGCT	chr7	Body	0.96	(0.62; 1.49)	8.5E-01
cg06618686	PTPRN2	chr7	Body	0.95	(0.55; 1.62)	8.5E-01
cg19616687	TENM2	chr5	Body	0.97	(0.7; 1.34)	8.5E-01
cg24007907	WVOX	chr16	Body	0.95	(0.59; 1.55)	8.5E-01
cg14850477	DACH1	chr13	Body	0.96	(0.65; 1.42)	8.5E-01
cg09789991	BARX2	chr11	Body	0.96	(0.61; 1.5)	8.5E-01
cg04136699	PTPRN2	chr7	Body	1.04	(0.67; 1.62)	8.5E-01
cg03513850	CUX2	chr12	Body	1.03	(0.74; 1.44)	8.5E-01
cg12930683	SUGCT	chr7	Body	1.05	(0.62; 1.78)	8.5E-01
cg23574403	DDHD2	chr8	5'UTR	0.97	(0.7; 1.34)	8.5E-01
cg23574403	DDHD2	chr8	TSS200	0.97	(0.7; 1.34)	8.5E-01
cg07410108	TNR	chr1	Body	0.97	(0.71; 1.33)	8.5E-01
cg10633479	PTPRN2	chr7	Body	0.97	(0.7; 1.34)	8.5E-01
cg16686255	SGIP1	chr1	Body	0.97	(0.69; 1.36)	8.5E-01
cg05579861	PTPRN2	chr7	Body	1.03	(0.76; 1.4)	8.5E-01
cg14168939	CHFR	chr12	3'UTR	0.97	(0.7; 1.34)	8.5E-01
cg26888153	ELAVL4	chr1	TSS200	1.03	(0.75; 1.42)	8.5E-01
cg26888153	ELAVL4	chr1	Body	1.03	(0.75; 1.42)	8.5E-01
cg14395444	CACNA1C	chr12	Body	1.04	(0.7; 1.54)	8.5E-01
cg10015051	CDH11	chr16	5'UTR	0.97	(0.71; 1.33)	8.5E-01
cg15938905	TNRC18	chr7	Body	1.03	(0.73; 1.46)	8.5E-01
cg05152899	DCUN1D4	chr4	TSS200	0.97	(0.69; 1.35)	8.5E-01
cg05152899	DCUN1D4	chr4	TSS1500	0.97	(0.69; 1.35)	8.5E-01
cg27050818	RECQL5	chr17	Body	0.96	(0.65; 1.42)	8.5E-01

cg14908168	<i>TNRC6A</i>	chr16	Body	0.97	(0.69; 1.35)	8.5E-01
cg04216310	<i>CTNND2</i>	chr5	Body	1.03	(0.75; 1.41)	8.5E-01
cg17171920	<i>MEIS2</i>	chr15	Body	0.97	(0.71; 1.33)	8.5E-01
cg17705152	<i>RTN4</i>	chr2	Body	1.05	(0.63; 1.76)	8.5E-01
cg09123693	<i>PTPRN2</i>	chr7	Body	0.97	(0.71; 1.32)	8.5E-01
cg18939664	<i>PTPRN2</i>	chr7	Body	0.97	(0.7; 1.33)	8.5E-01
cg10310310	<i>PTPRN2</i>	chr7	Body	0.96	(0.61; 1.5)	8.5E-01
cg26228218	<i>FBXO38</i>	chr5	5'UTR	0.97	(0.68; 1.37)	8.5E-01
cg15756917	<i>CSMD2</i>	chr1	Body	1.04	(0.68; 1.61)	8.5E-01
cg23161250	<i>ELAVL4</i>	chr1	TSS1500	1.03	(0.75; 1.41)	8.5E-01
cg23161250	<i>ELAVL4</i>	chr1	Body	1.03	(0.75; 1.41)	8.5E-01
cg01509920	<i>RAP1B</i>	chr12	5'UTR	0.96	(0.65; 1.43)	8.5E-01
cg09239016	<i>AKAP13</i>	chr15	Body	0.96	(0.66; 1.4)	8.5E-01
cg20156300	<i>CDH13</i>	chr16	Body	0.97	(0.69; 1.36)	8.5E-01
cg25000696	<i>PTPRN2</i>	chr7	Body	0.97	(0.68; 1.37)	8.5E-01
cg25264348	<i>NOL4L</i>	chr20	Body	1.03	(0.76; 1.4)	8.5E-01
cg18396357	<i>NRXN1</i>	chr2	Body	1.03	(0.74; 1.43)	8.5E-01
cg02242372	<i>TNFRSF11B</i>	chr8	Body	0.97	(0.71; 1.33)	8.5E-01
cg16104636	<i>CTNND2</i>	chr5	Body	1.03	(0.77; 1.37)	8.5E-01
cg16104636	<i>CTNND2</i>	chr5	5'UTR	1.03	(0.77; 1.37)	8.5E-01
cg01123250	<i>UNC80</i>	chr2	Body	1.03	(0.73; 1.45)	8.5E-01
cg04228235	<i>PTPRN2</i>	chr7	Body	0.97	(0.7; 1.34)	8.5E-01
cg09812963	<i>TNRC18</i>	chr7	Body	1.03	(0.74; 1.45)	8.5E-01
cg05550893	<i>RTN4RL1</i>	chr17	Body	1.04	(0.7; 1.53)	8.5E-01
cg23830653	<i>PTPRN2</i>	chr7	Body	1.03	(0.77; 1.37)	8.5E-01
cg26488808	<i>SUSD4</i>	chr1	Body	1.03	(0.73; 1.46)	8.5E-01
cg02515354	<i>CNTNAP2</i>	chr7	Body	1.03	(0.77; 1.38)	8.5E-01
cg11207515	<i>CNTNAP2</i>	chr7	Body	1.03	(0.72; 1.48)	8.5E-01
cg24043604	<i>CACNA1C</i>	chr12	Body	0.97	(0.66; 1.4)	8.5E-01
cg18846845	<i>CACNA1C-AS4</i>	chr12	TSS1500	0.97	(0.71; 1.33)	8.5E-01
cg18846845	<i>CACNA1C</i>	chr12	Body	0.97	(0.71; 1.33)	8.5E-01
cg08487696	<i>SMARCD3</i>	chr7	TSS200	0.97	(0.7; 1.35)	8.5E-01
cg08487696	<i>SMARCD3</i>	chr7	Body	0.97	(0.7; 1.35)	8.5E-01
cg06188198	<i>PTPRN2</i>	chr7	Body	1.03	(0.74; 1.45)	8.5E-01
cg25109663	<i>ZBTB20</i>	chr3	TSS1500	0.97	(0.67; 1.4)	8.5E-01
cg25109663	<i>ZBTB20</i>	chr3	5'UTR	0.97	(0.67; 1.4)	8.5E-01
cg09175915	<i>PEX14</i>	chr1	Body	1.03	(0.74; 1.44)	8.5E-01
cg10907484	<i>AKAP3</i>	chr12	5'UTR	1.03	(0.78; 1.35)	8.5E-01
cg10907484	<i>NDUFA9</i>	chr12	TSS1500	1.03	(0.78; 1.35)	8.5E-01
cg01255527	<i>FBXO32</i>	chr8	5'UTR	1.04	(0.71; 1.52)	8.5E-01
cg01255527	<i>FBXO32</i>	chr8	Body	1.04	(0.71; 1.52)	8.5E-01
cg00135038	<i>TNRC18</i>	chr7	Body	1.03	(0.72; 1.48)	8.5E-01
cg10804726	<i>DNAI2</i>	chr17	5'UTR	1.03	(0.73; 1.45)	8.5E-01
cg10804726	<i>DNAI2</i>	chr17	1stExon	1.03	(0.73; 1.45)	8.5E-01
cg27201750	<i>CACNA1C</i>	chr12	Body	1.04	(0.66; 1.66)	8.5E-01
cg05319711	<i>PTPRN2</i>	chr7	Body	0.97	(0.71; 1.32)	8.5E-01
cg06580959	<i>FBXO36</i>	chr2	Body	1.03	(0.77; 1.38)	8.5E-01
cg21273703	<i>CHFR</i>	chr12	TSS200	0.97	(0.7; 1.35)	8.5E-01
cg07910560	<i>PTPRN2</i>	chr7	Body	0.97	(0.71; 1.32)	8.5E-01
cg13889541	<i>CHFR</i>	chr12	Body	1.03	(0.76; 1.4)	8.6E-01
cg01638592	<i>CUX2</i>	chr12	Body	1.03	(0.73; 1.45)	8.6E-01
cg16951941	<i>FBXO36</i>	chr2	TSS1500	0.97	(0.71; 1.32)	8.6E-01
cg18075396	<i>SUGCT</i>	chr7	Body	1.03	(0.73; 1.47)	8.6E-01
cg18202449	<i>ELAVL4</i>	chr1	TSS200	1.04	(0.67; 1.61)	8.6E-01
cg12247968	<i>DACH1</i>	chr13	TSS1500	0.96	(0.64; 1.46)	8.6E-01
cg00844901	<i>ZBTB20</i>	chr3	TSS1500	1.03	(0.74; 1.44)	8.6E-01
cg00844901	<i>ZBTB20</i>	chr3	Body	1.03	(0.74; 1.44)	8.6E-01
cg00844901	<i>ZBTB20</i>	chr3	5'UTR	1.03	(0.74; 1.44)	8.6E-01
cg17625381	<i>CPEB1</i>	chr15	TSS200	1.03	(0.72; 1.48)	8.6E-01
cg17625381	<i>CPEB1</i>	chr15	TSS1500	1.03	(0.72; 1.48)	8.6E-01
cg23803311	<i>FBXO38</i>	chr5	TSS1500	1.03	(0.73; 1.45)	8.6E-01

cg07633256	TENM2	chr5	Body	1.03	(0.74; 1.43)	8.6E-01
cg21605122	TENM2	chr5	Body	0.97	(0.67; 1.4)	8.6E-01
cg27014435	PTPRN2	chr7	Body	0.97	(0.71; 1.34)	8.6E-01
cg02098414	PHACTR1	chr6	Body	1.07	(0.5; 2.3)	8.6E-01
cg00884606	NOL4	chr18	TSS200	1.05	(0.65; 1.69)	8.6E-01
cg06963346	PTPRN2	chr7	Body	0.97	(0.71; 1.33)	8.6E-01
cg04404540	DNAI2	chr17	5'UTR	0.97	(0.68; 1.37)	8.6E-01
cg04404540	DNAI2	chr17	1stExon	0.97	(0.68; 1.37)	8.6E-01
cg09096054	DACH1	chr13	Body	1.04	(0.67; 1.61)	8.6E-01
cg19612376	CUX2	chr12	Body	0.97	(0.69; 1.36)	8.6E-01
cg19929166	DCUN1D4	chr4	TSS1500	1.03	(0.75; 1.42)	8.6E-01
cg26281685	NRXN1	chr2	TSS1500	1.03	(0.74; 1.42)	8.6E-01
cg01344056	CDH13	chr16	Body	1.03	(0.77; 1.37)	8.6E-01
cg01435574	BARX2	chr11	TSS200	0.96	(0.6; 1.52)	8.6E-01
cg16235891	PTPRN2	chr7	Body	0.97	(0.71; 1.33)	8.6E-01
cg20914464	NOL4	chr18	TSS1500	0.96	(0.58; 1.58)	8.6E-01
cg24632458	ATF7	chr12	Body	0.97	(0.72; 1.32)	8.6E-01
cg26911948	CACNA1C-IT2	chr12	TSS1500	1.03	(0.78; 1.35)	8.6E-01
cg21910390	DCUN1D4	chr4	Body	0.97	(0.71; 1.32)	8.6E-01
cg05124021	PTPRN2	chr7	Body	0.97	(0.72; 1.31)	8.6E-01
cg03530683	SMARCD3	chr7	Body	1.03	(0.75; 1.42)	8.6E-01
cg00338702	CHFR	chr12	Body	1.03	(0.73; 1.45)	8.6E-01
cg07032987	PTPRN2	chr7	Body	0.97	(0.72; 1.31)	8.6E-01
cg15688888	ERI3	chr1	Body	1.04	(0.67; 1.63)	8.6E-01
cg04256065	TNRC6C	chr17	3'UTR	1.04	(0.67; 1.61)	8.6E-01
cg25052180	GOLT1B	chr12	5'UTR	1.03	(0.73; 1.46)	8.6E-01
cg25052180	GOLT1B	chr12	1stExon	1.03	(0.73; 1.46)	8.6E-01
cg25052180	RECQL	chr12	TSS200	1.03	(0.73; 1.46)	8.6E-01
cg01944450	RTN4R	chr22	Body	0.96	(0.64; 1.45)	8.6E-01
cg15902390	MEIS2	chr15	Body	0.97	(0.71; 1.34)	8.6E-01
cg26565719	CPEB1	chr15	Body	1.03	(0.72; 1.49)	8.6E-01
cg20490175	CACNA1C	chr12	Body	0.97	(0.68; 1.38)	8.6E-01
cg04496810	CACNA1C	chr12	TSS200	1.03	(0.74; 1.44)	8.6E-01
cg07491199	PTPRN2	chr7	Body	1.03	(0.76; 1.4)	8.6E-01
cg16824225	TENM2	chr5	Body	0.97	(0.68; 1.38)	8.6E-01
cg24402935	NRXN1	chr2	Body	0.97	(0.69; 1.36)	8.6E-01
cg13701249	CHD6	chr20	TSS1500	1.03	(0.73; 1.47)	8.6E-01
cg08457620	RTN4RL1	chr17	Body	1.03	(0.75; 1.41)	8.6E-01
cg09377301	PTPRN2	chr7	Body	1.03	(0.75; 1.42)	8.6E-01
cg12589140	CUX2	chr12	Body	0.97	(0.71; 1.32)	8.6E-01
cg25601319	ARID1A	chr1	TSS1500	1.03	(0.74; 1.44)	8.6E-01
cg01991687	PTPRS	chr19	5'UTR	1.03	(0.7; 1.52)	8.6E-01
cg15827617	RNU5E-1	chr5	Body	1.03	(0.75; 1.41)	8.6E-01
cg05965015	TNR	chr1	5'UTR	1.03	(0.75; 1.41)	8.6E-01
cg14744741	TNRC6A	chr16	Body	1.03	(0.74; 1.44)	8.6E-01
cg03902160	PTPRU	chr1	Body	0.97	(0.72; 1.32)	8.6E-01
cg09714912	CHD6	chr20	Body	0.97	(0.72; 1.32)	8.6E-01
cg19147944	FSTL1	chr3	Body	1.03	(0.71; 1.51)	8.6E-01
cg02618485	PTPRS	chr19	TSS1500	0.97	(0.71; 1.33)	8.6E-01
cg08545213	CTDSPL	chr3	Body	1.03	(0.73; 1.45)	8.6E-01
cg06299997	COL1A2	chr7	TSS1500	1.03	(0.76; 1.39)	8.6E-01
cg01142212	PHACTR1	chr6	Body	0.97	(0.7; 1.35)	8.6E-01
cg12647030	FBXO38	chr5	TSS200	1.03	(0.75; 1.4)	8.6E-01
cg20857275	TNRC6C	chr17	5'UTR	1.06	(0.56; 2.01)	8.6E-01
cg26026297	ATP8A1	chr4	Body	0.97	(0.67; 1.4)	8.6E-01
cg09920531	PTPRN2	chr7	Body	1.03	(0.74; 1.43)	8.6E-01
cg00004257	CSMD2	chr1	Body	1.03	(0.75; 1.4)	8.6E-01
cg08832817	EIF2S1	chr14	TSS1500	1.03	(0.75; 1.42)	8.6E-01
cg06610464	CHD6	chr20	5'UTR	1.03	(0.72; 1.49)	8.6E-01
cg14789524	WWOX	chr16	Body	0.96	(0.59; 1.57)	8.6E-01
cg09270525	PTPRN2	chr7	Body	0.97	(0.69; 1.37)	8.6E-01

cg01902081	WWOX	chr16	Body	0.97	(0.69; 1.37)	8.6E-01
cg07663813	ZNF704	chr8	5'UTR	1.03	(0.75; 1.41)	8.6E-01
cg23236908	FBXO34	chr14	3'UTR	1.03	(0.75; 1.41)	8.7E-01
cg14268784	MBD5	chr2	5'UTR	1.04	(0.69; 1.56)	8.7E-01
cg15141267	RTN4RL1	chr17	Body	0.96	(0.64; 1.46)	8.7E-01
cg05064673	PTPRU	chr1	TSS1500	0.97	(0.71; 1.33)	8.7E-01
cg04274883	PHACTR1	chr6	Body	1.03	(0.74; 1.44)	8.7E-01
cg13912714	AKAP13	chr15	Body	0.93	(0.38; 2.25)	8.7E-01
cg18242139	ELAVL4	chr1	1stExon	1.03	(0.75; 1.41)	8.7E-01
cg18242139	ELAVL4	chr1	Body	1.03	(0.75; 1.41)	8.7E-01
cg18242139	ELAVL4	chr1	5'UTR	1.03	(0.75; 1.41)	8.7E-01
cg25161425	TENM2	chr5	Body	1.03	(0.72; 1.48)	8.7E-01
cg09589586	TNRC6A	chr16	Body	1.03	(0.74; 1.44)	8.7E-01
cg09845387	PDE8A	chr15	5'UTR	0.97	(0.68; 1.38)	8.7E-01
cg09845387	PDE8A	chr15	Body	0.97	(0.68; 1.38)	8.7E-01
cg25449441	PTPRN2	chr7	Body	1.03	(0.74; 1.42)	8.7E-01
cg02876293	PTPRN2	chr7	Body	0.97	(0.67; 1.4)	8.7E-01
cg21600563	FBXO33	chr14	TSS200	1.03	(0.75; 1.41)	8.7E-01
cg12364136	PTPRN2	chr7	Body	1.06	(0.53; 2.11)	8.7E-01
cg26636917	CNTNAP2	chr7	Body	0.97	(0.68; 1.39)	8.7E-01
cg09100286	CTNND2	chr5	Body	0.96	(0.6; 1.54)	8.7E-01
cg09100286	CTNND2	chr5	5'UTR	0.96	(0.6; 1.54)	8.7E-01
cg04114351	CUX2	chr12	Body	1.03	(0.76; 1.39)	8.7E-01
cg13666677	CEP350	chr1	TSS200	1.03	(0.74; 1.42)	8.7E-01
cg19140630	NDUFA9	chr12	Body	0.97	(0.69; 1.37)	8.7E-01
cg19140630	AKAP3	chr12	TSS1500	0.97	(0.69; 1.37)	8.7E-01
cg06948658	CACNA1C	chr12	Body	0.97	(0.65; 1.44)	8.7E-01
cg03012452	PHACTR1	chr6	Body	1.03	(0.73; 1.45)	8.7E-01
cg01228469	AKAP13	chr15	TSS1500	1.03	(0.75; 1.4)	8.7E-01
cg23285459	GNA12	chr7	Body	1.03	(0.75; 1.41)	8.7E-01
cg12908952	POU2F1	chr1	5'UTR	1.03	(0.71; 1.49)	8.7E-01
cg20279950	AKAP13	chr15	Body	0.97	(0.65; 1.44)	8.7E-01
cg18433423	CDH13	chr16	5'UTR	0.96	(0.63; 1.48)	8.7E-01
cg18433423	CDH13	chr16	Body	0.96	(0.63; 1.48)	8.7E-01
cg18120999	TENM2	chr5	Body	1.03	(0.75; 1.4)	8.7E-01
cg21904851	TNR	chr1	Body	0.97	(0.72; 1.32)	8.7E-01
cg24194698	WAC	chr10	Body	1.03	(0.71; 1.5)	8.7E-01
cg24636969	ZNF704	chr8	TSS200	1.03	(0.74; 1.43)	8.7E-01
cg19370097	ZBTB20	chr3	TSS1500	0.97	(0.68; 1.38)	8.7E-01
cg19370097	ZBTB20	chr3	Body	0.97	(0.68; 1.38)	8.7E-01
cg19370097	ZBTB20	chr3	5'UTR	0.97	(0.68; 1.38)	8.7E-01
cg19370097	ZBTB20	chr3	TSS200	0.97	(0.68; 1.38)	8.7E-01
cg14281315	POU2F1	chr1	Body	1.04	(0.65; 1.67)	8.7E-01
cg00292636	SGIP1	chr1	Body	1.03	(0.72; 1.46)	8.7E-01
cg07355688	BARX2	chr11	Body	1.03	(0.76; 1.38)	8.7E-01
cg11632321	PTPRN2	chr7	Body	0.97	(0.72; 1.33)	8.7E-01
cg06365577	CREBBP	chr16	Body	0.97	(0.7; 1.35)	8.7E-01
cg24787443	FBXO38	chr5	Body	0.97	(0.67; 1.4)	8.7E-01
cg09319435	PEX14	chr1	Body	1.02	(0.77; 1.36)	8.7E-01
cg24782459	FSTL1	chr3	Body	1.03	(0.73; 1.45)	8.7E-01
cg00419990	PTPRN2	chr7	Body	1.03	(0.75; 1.42)	8.7E-01
cg11271415	FBXO32	chr8	TSS1500	0.97	(0.71; 1.33)	8.7E-01
cg11271415	FBXO32	chr8	Body	0.97	(0.71; 1.33)	8.7E-01
cg14615152	CSMD2	chr1	Body	1.06	(0.54; 2.07)	8.7E-01
cg04126852	POU2F1	chr1	TSS1500	1.03	(0.75; 1.41)	8.7E-01
cg02692405	TNFRSF19	chr13	5'UTR	1.03	(0.71; 1.5)	8.7E-01
cg02692405	TNFRSF19	chr13	TSS1500	1.03	(0.71; 1.5)	8.7E-01
cg09337043	PTPRN2	chr7	Body	0.98	(0.72; 1.32)	8.7E-01
cg27324698	PTPRN2	chr7	Body	0.97	(0.69; 1.37)	8.7E-01
cg23186959	MEIS2	chr15	5'UTR	0.97	(0.69; 1.36)	8.7E-01
cg23186959	MEIS2	chr15	1stExon	0.97	(0.69; 1.36)	8.7E-01

cg23186959	MEIS2	chr15	Body	0.97	(0.69; 1.36)	8.7E-01
cg23186959	MEIS2	chr15	TSS200	0.97	(0.69; 1.36)	8.7E-01
cg23186959	MEIS2	chr15	TSS1500	0.97	(0.69; 1.36)	8.7E-01
cg09282805	PTPRS	chr19	5'UTR	0.96	(0.62; 1.51)	8.7E-01
cg15064868	PHACTR1	chr6	Body	0.97	(0.69; 1.37)	8.7E-01
cg23747731	TNR	chr1	5'UTR	1.03	(0.72; 1.47)	8.7E-01
cg25575079	EIF2S1	chr14	5'UTR	0.97	(0.7; 1.35)	8.7E-01
cg00152838	TNRC6A	chr16	Body	0.98	(0.72; 1.32)	8.7E-01
cg07849460	PTPRN2	chr7	Body	1.03	(0.73; 1.46)	8.7E-01
cg22648638	MTCL1	chr18	Body	0.95	(0.5; 1.81)	8.7E-01
cg20457580	NOL4L	chr20	Body	0.96	(0.62; 1.5)	8.7E-01
cg11076181	EIF2S1	chr14	5'UTR	1.04	(0.63; 1.72)	8.7E-01
cg17167790	PTPRN2	chr7	Body	0.97	(0.65; 1.44)	8.7E-01
cg06527535	PTPRN2	chr7	Body	1.03	(0.74; 1.42)	8.7E-01
cg18072439	CTDSP2	chr12	Body	1.03	(0.72; 1.48)	8.7E-01
cg18048562	RTN4RL2	chr11	Body	1.06	(0.5; 2.27)	8.7E-01
cg26254667	TNFRSF1A	chr12	TSS1500	0.98	(0.73; 1.31)	8.7E-01
cg26221631	BARX2	chr11	1stExon	0.97	(0.68; 1.38)	8.7E-01
cg00325390	TNRC18	chr7	Body	1.03	(0.7; 1.52)	8.7E-01
cg19200285	CACNA1C	chr12	3'UTR	0.97	(0.71; 1.33)	8.7E-01
cg27317842	TNFRSF19	chr13	5'UTR	1.03	(0.7; 1.52)	8.7E-01
cg27317842	TNFRSF19	chr13	Body	1.03	(0.7; 1.52)	8.7E-01
cg27549963	ATF7	chr12	Body	0.97	(0.69; 1.38)	8.7E-01
cg24240077	C11orf67	chr11	Body	0.97	(0.66; 1.43)	8.7E-01
cg09473510	MTNR1A	chr4	TSS200	0.96	(0.59; 1.56)	8.7E-01
cg04437233	RECQL5	chr17	Body	0.97	(0.69; 1.37)	8.7E-01
cg00285941	UNC80	chr2	Body	1.03	(0.74; 1.43)	8.7E-01
cg13537240	CACNA1C	chr12	Body	1.04	(0.65; 1.65)	8.7E-01
cg26337322	TNRC6B	chr22	Body	1.04	(0.63; 1.72)	8.7E-01
cg26337322	TNRC6B	chr22	TSS1500	1.04	(0.63; 1.72)	8.7E-01
cg24996491	PTPRN2	chr7	Body	0.97	(0.69; 1.36)	8.7E-01
cg25306499	PTPRS	chr19	5'UTR	1.02	(0.76; 1.38)	8.7E-01
cg13076784	FBXO11	chr2	Body	1.04	(0.68; 1.59)	8.7E-01
cg02187307	TNR	chr1	5'UTR	1.03	(0.71; 1.5)	8.7E-01
cg01388498	FBXO31	chr16	TSS1500	1.03	(0.72; 1.48)	8.7E-01
cg15598946	WVOX	chr16	Body	1.03	(0.74; 1.43)	8.7E-01
cg19655675	ZBTB20	chr3	TSS1500	1.02	(0.76; 1.39)	8.7E-01
cg19655675	ZBTB20	chr3	Body	1.02	(0.76; 1.39)	8.7E-01
cg19655675	ZBTB20	chr3	5'UTR	1.02	(0.76; 1.39)	8.7E-01
cg08689556	WVOX	chr16	Body	1.02	(0.77; 1.35)	8.7E-01
cg27451424	CDH13	chr16	Body	0.97	(0.69; 1.38)	8.7E-01
cg02868521	PTPRN2	chr7	Body	0.96	(0.61; 1.52)	8.7E-01
cg22831949	PTPRN2	chr7	Body	0.98	(0.75; 1.28)	8.8E-01
cg03015144	ZBTB20	chr3	Body	1.03	(0.74; 1.43)	8.8E-01
cg16753420	PTPRN2	chr7	Body	1.03	(0.73; 1.45)	8.8E-01
cg03091751	SMARCD3	chr7	Body	1.03	(0.73; 1.44)	8.8E-01
cg03891302	PHACTR1	chr6	Body	0.97	(0.69; 1.37)	8.8E-01
cg05707324	SUSD4	chr1	Body	1.03	(0.75; 1.41)	8.8E-01
cg10844712	TAOK3	chr12	Body	0.97	(0.62; 1.51)	8.8E-01
cg24486540	SUSD4	chr1	Body	0.97	(0.7; 1.35)	8.8E-01
cg15919857	PTPRN2	chr7	Body	0.98	(0.72; 1.32)	8.8E-01
cg03088446	CTNND2	chr5	Body	0.97	(0.64; 1.45)	8.8E-01
cg03088446	CTNND2	chr5	5'UTR	0.97	(0.64; 1.45)	8.8E-01
cg27066321	PEX14	chr1	TSS1500	0.97	(0.71; 1.35)	8.8E-01
cg24518017	ELAVL4	chr1	TSS1500	1.03	(0.73; 1.44)	8.8E-01
cg24518017	ELAVL4	chr1	Body	1.03	(0.73; 1.44)	8.8E-01
cg14015044	TNFRSF10C	chr8	5'UTR	0.97	(0.68; 1.39)	8.8E-01
cg14015044	TNFRSF10C	chr8	1stExon	0.97	(0.68; 1.39)	8.8E-01
cg06578832	NRXN1	chr2	Body	0.97	(0.68; 1.39)	8.8E-01
cg04727043	PTPRU	chr1	Body	1.04	(0.64; 1.7)	8.8E-01
cg19658444	TNRC18	chr7	Body	0.97	(0.65; 1.45)	8.8E-01

cg08844988	TNRC6A	chr16	1stExon	0.97	(0.64; 1.46)	8.8E-01
cg08844988	TNRC6A	chr16	5'UTR	0.97	(0.64; 1.46)	8.8E-01
cg04184836	CPEB1	chr15	1stExon	0.98	(0.71; 1.34)	8.8E-01
cg04184836	CPEB1	chr15	5'UTR	0.98	(0.71; 1.34)	8.8E-01
cg22321810	COL5A2	chr2	TSS1500	0.97	(0.7; 1.36)	8.8E-01
cg01294338	PTPRN2	chr7	Body	1.03	(0.73; 1.44)	8.8E-01
cg17964750	TENM2	chr5	Body	1.03	(0.71; 1.48)	8.8E-01
cg16861508	TNFRSF10B	chr8	TSS1500	0.98	(0.73; 1.31)	8.8E-01
cg25174264	TNRC6B	chr22	Body	1.03	(0.74; 1.42)	8.8E-01
cg07267600	CACNA1C	chr12	Body	1.04	(0.64; 1.68)	8.8E-01
cg25618597	CHFR	chr12	Body	0.97	(0.68; 1.38)	8.8E-01
cg07516702	PTPRS	chr19	Body	1.03	(0.72; 1.47)	8.8E-01
cg04781638	CPEB1	chr15	Body	1.04	(0.62; 1.74)	8.8E-01
cg04781638	CPEB1	chr15	TSS1500	1.04	(0.62; 1.74)	8.8E-01
cg19271013	WWOX	chr16	TSS1500	1.03	(0.7; 1.52)	8.8E-01
cg18843944	PTPRN2	chr7	Body	1.03	(0.75; 1.41)	8.8E-01
cg06822340	CNTNAP2	chr7	Body	1.02	(0.75; 1.39)	8.8E-01
cg15938090	PEX14	chr1	Body	0.97	(0.66; 1.42)	8.8E-01
cg27655246	TNR	chr1	5'UTR	0.97	(0.69; 1.37)	8.8E-01
cg17022244	PTPRN2	chr7	Body	0.98	(0.71; 1.34)	8.8E-01
cg10767260	CTNND2	chr5	Body	0.97	(0.7; 1.36)	8.8E-01
cg10767260	CTNND2	chr5	5'UTR	0.97	(0.7; 1.36)	8.8E-01
cg08695855	COL1A2	chr7	TSS200	1.03	(0.72; 1.46)	8.8E-01
cg16013919	PTPRN2	chr7	Body	1.03	(0.74; 1.43)	8.8E-01
cg23696212	ATF7	chr12	TSS1500	0.97	(0.67; 1.41)	8.8E-01
cg01707275	PHACTR1	chr6	Body	1.03	(0.73; 1.45)	8.8E-01
cg01901654	PTPRN2	chr7	Body	0.98	(0.72; 1.32)	8.8E-01
cg22881266	PTPRN2	chr7	Body	0.97	(0.63; 1.49)	8.8E-01
cg12980549	PTPRN2	chr7	Body	1.02	(0.76; 1.37)	8.8E-01
cg25354206	PTPRN2	chr7	Body	1.06	(0.47; 2.42)	8.8E-01
cg16574154	PEX14	chr1	Body	1.03	(0.73; 1.43)	8.8E-01
cg26271086	FBXO33	chr14	5'UTR	1.03	(0.74; 1.42)	8.8E-01
cg26271086	FBXO33	chr14	1stExon	1.03	(0.74; 1.42)	8.8E-01
cg24786530	AKAP3	chr12	TSS200	0.98	(0.71; 1.34)	8.8E-01
cg24786530	NDUFA9	chr12	Body	0.98	(0.71; 1.34)	8.8E-01
cg18849737	MTNR1A	chr4	Body	0.98	(0.7; 1.35)	8.8E-01
cg24809525	POU2F1	chr1	TSS200	1.03	(0.72; 1.46)	8.8E-01
cg05020273	TNRC18	chr7	Body	1.03	(0.73; 1.44)	8.8E-01
cg21449640	PTPRN2	chr7	Body	1.03	(0.71; 1.5)	8.8E-01
cg25689129	PTPRS	chr19	Body	1.02	(0.75; 1.41)	8.8E-01
cg04339553	MEIS2	chr15	Body	1.03	(0.71; 1.49)	8.8E-01
cg24567591	CREBBP	chr16	TSS1500	0.97	(0.61; 1.54)	8.8E-01
cg26490671	PTPRN2	chr7	Body	0.98	(0.75; 1.29)	8.8E-01
cg21709263	FBXO34	chr14	5'UTR	0.97	(0.68; 1.39)	8.8E-01
cg09274237	CCDC80	chr3	5'UTR	0.95	(0.48; 1.86)	8.8E-01
cg09274237	CCDC80	chr3	1stExon	0.95	(0.48; 1.86)	8.8E-01
cg12444411	GNA12	chr7	Body	1.02	(0.75; 1.41)	8.8E-01
cg01000576	TNR	chr1	5'UTR	0.97	(0.64; 1.47)	8.8E-01
cg00926053	PTPRN2	chr7	Body	0.97	(0.69; 1.37)	8.8E-01
cg25232967	AKAP13	chr15	Body	1.02	(0.75; 1.4)	8.8E-01
cg20809036	PTPRN2	chr7	Body	1.02	(0.77; 1.35)	8.8E-01
cg08730885	CNTNAP2	chr7	Body	1.04	(0.64; 1.69)	8.8E-01
cg26158710	PTPRN2	chr7	Body	1.03	(0.72; 1.47)	8.8E-01
cg01383349	CREBBP	chr16	Body	1.03	(0.69; 1.53)	8.8E-01
cg10632094	UBE2E2	chr3	TSS1500	0.96	(0.6; 1.56)	8.8E-01
cg09974253	MTCL1	chr18	Body	0.98	(0.7; 1.35)	8.8E-01
cg12977317	SCAF8	chr6	Body	1.03	(0.7; 1.52)	8.8E-01
cg13071778	PTPRN2	chr7	Body	0.97	(0.69; 1.38)	8.8E-01
cg18384063	RECQL5	chr17	Body	0.98	(0.73; 1.32)	8.8E-01
cg19665365	RTN4R	chr22	TSS1500	1.03	(0.73; 1.45)	8.8E-01
cg04177479	ATF7	chr12	5'UTR	0.98	(0.72; 1.32)	8.8E-01

cg04177479	<i>ATF7</i>	chr12	TSS200	0.98	(0.72; 1.32)	8.8E-01
cg04177479	<i>ATF7</i>	chr12	Body	0.98	(0.72; 1.32)	8.8E-01
cg13896105	<i>CACNA1C</i>	chr12	Body	0.98	(0.72; 1.33)	8.8E-01
cg19824059	<i>NRXN1</i>	chr2	Body	0.98	(0.73; 1.31)	8.8E-01
cg17236519	<i>PTPRU</i>	chr1	Body	1.03	(0.7; 1.52)	8.8E-01
cg01880908	<i>TNRC6C</i>	chr17	3'UTR	0.98	(0.72; 1.33)	8.8E-01
cg14981546	<i>TNRC18</i>	chr7	5'UTR	1.02	(0.76; 1.37)	8.9E-01
cg14981546	<i>TNRC18</i>	chr7	1stExon	1.02	(0.76; 1.37)	8.9E-01
cg07251477	<i>TNR</i>	chr1	Body	0.97	(0.69; 1.38)	8.9E-01
cg10249243	<i>CDH13</i>	chr16	5'UTR	1.03	(0.69; 1.54)	8.9E-01
cg10249243	<i>CDH13</i>	chr16	Body	1.03	(0.69; 1.54)	8.9E-01
cg06751583	<i>TNRC6B</i>	chr22	TSS200	0.98	(0.71; 1.34)	8.9E-01
cg24603972	<i>SLC16A9</i>	chr10	Body	1.03	(0.73; 1.45)	8.9E-01
cg13661172	<i>PTPRN2</i>	chr7	Body	0.98	(0.74; 1.3)	8.9E-01
cg24217917	<i>RNU5E-1</i>	chr5	Body	0.97	(0.65; 1.46)	8.9E-01
cg13422701	<i>CACNA1C</i>	chr12	Body	1.03	(0.72; 1.47)	8.9E-01
cg05241143	<i>PTPRN2</i>	chr7	Body	1.02	(0.76; 1.38)	8.9E-01
cg06791321	<i>RTN4RL1</i>	chr17	Body	1.03	(0.66; 1.61)	8.9E-01
cg19620294	<i>TNFRSF11B</i>	chr8	TSS1500	0.98	(0.72; 1.33)	8.9E-01
cg25459931	<i>UBE2E2</i>	chr3	Body	1.02	(0.74; 1.43)	8.9E-01
cg09642825	<i>FBXO31</i>	chr16	Body	1.03	(0.68; 1.58)	8.9E-01
cg27002639	<i>WWOX</i>	chr16	Body	1.02	(0.75; 1.4)	8.9E-01
cg22151985	<i>PTPRS</i>	chr19	Body	0.97	(0.67; 1.42)	8.9E-01
cg00005390	<i>ATP6V0C</i>	chr16	Body	1.03	(0.64; 1.66)	8.9E-01
cg00717995	<i>ERI3</i>	chr1	Body	0.98	(0.71; 1.35)	8.9E-01
cg05707690	<i>PTPRN2</i>	chr7	Body	0.98	(0.7; 1.37)	8.9E-01
cg21712732	<i>PTPRN2</i>	chr7	Body	0.97	(0.68; 1.39)	8.9E-01
cg11340881	<i>PTPRN2</i>	chr7	Body	1.02	(0.74; 1.41)	8.9E-01
cg17843256	<i>CDH13</i>	chr16	Body	0.98	(0.7; 1.36)	8.9E-01
cg10860771	<i>EIF2S1</i>	chr14	5'UTR	1.02	(0.75; 1.4)	8.9E-01
cg10860771	<i>EIF2S1</i>	chr14	1stExon	1.02	(0.75; 1.4)	8.9E-01
cg04927789	<i>TENM2</i>	chr5	Body	0.98	(0.69; 1.39)	8.9E-01
cg03904534	<i>WWOX</i>	chr16	Body	1.02	(0.75; 1.4)	8.9E-01
cg26969937	<i>PTPRN2</i>	chr7	Body	0.98	(0.73; 1.31)	8.9E-01
cg14368117	<i>MEIS2</i>	chr15	Body	0.97	(0.63; 1.49)	8.9E-01
cg11053171	<i>PTPRN2</i>	chr7	Body	1.02	(0.75; 1.39)	8.9E-01
cg00524377	<i>FSTL1</i>	chr3	Body	0.96	(0.53; 1.73)	8.9E-01
cg13444005	<i>TNR</i>	chr1	Body	1.02	(0.76; 1.38)	8.9E-01
cg08211120	<i>CREBBP</i>	chr16	Body	0.98	(0.69; 1.38)	8.9E-01
cg15868652	<i>PTPRU</i>	chr1	Body	1.02	(0.75; 1.39)	8.9E-01
cg03284095	<i>PTPRS</i>	chr19	5'UTR	1.03	(0.71; 1.47)	8.9E-01
cg27241907	<i>UBE2E2</i>	chr3	TSS200	0.98	(0.73; 1.31)	8.9E-01
cg27406925	<i>PTPRN2</i>	chr7	Body	0.98	(0.73; 1.31)	8.9E-01
cg08672720	<i>PTPRN2</i>	chr7	Body	0.97	(0.67; 1.41)	8.9E-01
cg27476248	<i>CUX2</i>	chr12	Body	0.97	(0.67; 1.41)	8.9E-01
cg07605799	<i>ATF7IP2</i>	chr16	TSS1500	0.98	(0.69; 1.38)	8.9E-01
cg07663492	<i>WWOX</i>	chr16	Body	0.98	(0.7; 1.37)	8.9E-01
cg11509269	<i>TNRC6B</i>	chr22	TSS1500	0.98	(0.68; 1.4)	8.9E-01
cg19943799	<i>CHD6</i>	chr20	5'UTR	0.98	(0.7; 1.36)	8.9E-01
cg02748089	<i>WWOX</i>	chr16	Body	1.02	(0.73; 1.44)	8.9E-01
cg10967789	<i>FBXO31</i>	chr16	Body	1.02	(0.73; 1.44)	8.9E-01
cg10967789	<i>FBXO31</i>	chr16	5'UTR	1.02	(0.73; 1.44)	8.9E-01
cg21160944	<i>PTPRN2</i>	chr7	Body	0.98	(0.72; 1.32)	8.9E-01
cg00115741	<i>PTPRU</i>	chr1	Body	1.02	(0.73; 1.44)	8.9E-01
cg16708264	<i>PTPRN2</i>	chr7	Body	1.02	(0.76; 1.36)	8.9E-01
cg01160733	<i>DDHD2</i>	chr8	Body	0.98	(0.67; 1.41)	8.9E-01
cg11987816	<i>GNA12</i>	chr7	Body	0.98	(0.72; 1.33)	8.9E-01
cg11987816	<i>GNA12</i>	chr7	TSS1500	0.98	(0.72; 1.33)	8.9E-01
cg12946210	<i>CTDSP2</i>	chr12	Body	0.97	(0.66; 1.44)	8.9E-01
cg23995931	<i>ATF7</i>	chr12	Body	0.97	(0.58; 1.6)	8.9E-01
cg22216157	<i>PTPRN2</i>	chr7	Body	1.02	(0.77; 1.35)	8.9E-01

cg17619804	<i>PHACTR1</i>	chr6	TSS1500	1.02	(0.75; 1.4)	8.9E-01
cg15693729	<i>CHD6</i>	chr20	5'UTR	1.02	(0.73; 1.42)	8.9E-01
cg14338779	<i>PTPRN2</i>	chr7	Body	1.02	(0.73; 1.44)	8.9E-01
cg15302705	<i>GNA12</i>	chr7	TSS1500	0.97	(0.65; 1.46)	8.9E-01
cg02933742	<i>ATF7</i>	chr12	3'UTR	1.02	(0.75; 1.4)	8.9E-01
cg02933742	<i>ATF7</i>	chr12	Body	1.02	(0.75; 1.4)	8.9E-01
cg02717454	<i>CREBBP</i>	chr16	Body	0.96	(0.53; 1.75)	8.9E-01
cg10078132	<i>PTPRN2</i>	chr7	Body	1.02	(0.78; 1.34)	8.9E-01
cg13327129	<i>PTPRN2</i>	chr7	Body	0.97	(0.66; 1.44)	8.9E-01
cg21341435	<i>PTPRN2</i>	chr7	Body	0.98	(0.68; 1.39)	8.9E-01
cg02831727	<i>WWOX</i>	chr16	Body	1.02	(0.75; 1.38)	8.9E-01
cg04764187	<i>ORC4</i>	chr2	Body	0.98	(0.69; 1.38)	8.9E-01
cg18570383	<i>NRXN1</i>	chr2	Body	0.97	(0.63; 1.49)	9.0E-01
cg16995768	<i>PTPRN2</i>	chr7	Body	1.02	(0.74; 1.4)	9.0E-01
cg02356647	<i>PTPRN2</i>	chr7	Body	1.02	(0.73; 1.43)	9.0E-01
cg19210352	<i>CREBBP</i>	chr16	Body	1.03	(0.66; 1.6)	9.0E-01
cg01182742	<i>RNU5E-1</i>	chr5	Body	0.98	(0.74; 1.31)	9.0E-01
cg24623046	<i>PTPRN2</i>	chr7	Body	1.02	(0.74; 1.42)	9.0E-01
cg13961990	<i>CDH13</i>	chr16	5'UTR	1.02	(0.72; 1.46)	9.0E-01
cg13961990	<i>CDH13</i>	chr16	Body	1.02	(0.72; 1.46)	9.0E-01
cg17552686	<i>ZBTB20</i>	chr3	5'UTR	1.04	(0.54; 2.01)	9.0E-01
cg13445575	<i>NOL4L</i>	chr20	Body	0.98	(0.71; 1.36)	9.0E-01
cg19131049	<i>TNRC6B</i>	chr22	TSS200	0.98	(0.72; 1.33)	9.0E-01
cg24963653	<i>PTPRN2</i>	chr7	Body	0.97	(0.66; 1.45)	9.0E-01
cg20748143	<i>CACNA1C</i>	chr12	5'UTR	0.98	(0.72; 1.33)	9.0E-01
cg20748143	<i>CACNA1C</i>	chr12	1stExon	0.98	(0.72; 1.33)	9.0E-01
cg24072927	<i>PTPRN2</i>	chr7	Body	1.02	(0.75; 1.4)	9.0E-01
cg00100375	<i>TENM2</i>	chr5	Body	0.98	(0.73; 1.32)	9.0E-01
cg05264279	<i>PTPRN2</i>	chr7	Body	0.98	(0.71; 1.36)	9.0E-01
cg05577736	<i>MTCL1</i>	chr18	Body	1.02	(0.74; 1.41)	9.0E-01
cg09017928	<i>PTPRN2</i>	chr7	Body	1.02	(0.73; 1.43)	9.0E-01
cg24359717	<i>FBXO32</i>	chr8	Body	0.96	(0.52; 1.77)	9.0E-01
cg10455486	<i>CDH11</i>	chr16	ExonBnd	0.98	(0.7; 1.37)	9.0E-01
cg10455486	<i>CDH11</i>	chr16	Body	0.98	(0.7; 1.37)	9.0E-01
cg17525025	<i>TNRC6A</i>	chr16	TSS1500	1.02	(0.75; 1.4)	9.0E-01
cg25069772	<i>PHACTR1</i>	chr6	Body	1.02	(0.76; 1.38)	9.0E-01
cg16852792	<i>NRXN1</i>	chr2	Body	1.02	(0.72; 1.44)	9.0E-01
cg02352722	<i>CDH11</i>	chr16	5'UTR	1.03	(0.64; 1.65)	9.0E-01
cg12302983	<i>UBE2E2</i>	chr3	5'UTR	0.97	(0.63; 1.49)	9.0E-01
cg10656742	<i>TNFRSF19</i>	chr13	5'UTR	0.97	(0.64; 1.48)	9.0E-01
cg10656742	<i>TNFRSF19</i>	chr13	TSS1500	0.97	(0.64; 1.48)	9.0E-01
cg10555307	<i>CTNND2</i>	chr5	Body	0.98	(0.69; 1.39)	9.0E-01
cg02485588	<i>TNRC18</i>	chr7	Body	1.03	(0.69; 1.53)	9.0E-01
cg15018217	<i>WWOX</i>	chr16	Body	0.98	(0.71; 1.35)	9.0E-01
cg01791684	<i>RECQL5</i>	chr17	TSS1500	0.98	(0.7; 1.36)	9.0E-01
cg25276892	<i>TNRC6B</i>	chr22	Body	0.97	(0.56; 1.65)	9.0E-01
cg25276892	<i>TNRC6B</i>	chr22	TSS1500	0.97	(0.56; 1.65)	9.0E-01
cg11251135	<i>RTN4RL1</i>	chr17	Body	1.02	(0.73; 1.43)	9.0E-01
cg00661512	<i>ATP8A1</i>	chr4	Body	0.98	(0.7; 1.36)	9.0E-01
cg08987482	<i>PEX14</i>	chr1	Body	1.03	(0.63; 1.7)	9.0E-01
cg23544566	<i>PTPRN2</i>	chr7	Body	0.98	(0.69; 1.39)	9.0E-01
cg06659019	<i>TENM2</i>	chr5	Body	1.02	(0.73; 1.42)	9.0E-01
cg15097617	<i>CNTNAP2</i>	chr7	Body	0.98	(0.69; 1.39)	9.0E-01
cg09159856	<i>SRSF10</i>	chr1	Body	1.03	(0.65; 1.63)	9.0E-01
cg09159856	<i>SRSF10</i>	chr1	3'UTR	1.03	(0.65; 1.63)	9.0E-01
cg00930755	<i>TENM2</i>	chr5	Body	0.95	(0.45; 2.01)	9.0E-01
cg20943251	<i>COL1A2</i>	chr7	3'UTR	0.98	(0.72; 1.33)	9.0E-01
cg24204878	<i>PTPRN2</i>	chr7	Body	0.98	(0.67; 1.43)	9.0E-01
cg09728869	<i>AKAP13</i>	chr15	5'UTR	0.97	(0.57; 1.63)	9.0E-01
cg03258760	<i>TNFRSF19</i>	chr13	5'UTR	1.02	(0.75; 1.39)	9.0E-01
cg03258760	<i>TNFRSF19</i>	chr13	TSS1500	1.02	(0.75; 1.39)	9.0E-01

cg02927136	ACVR2A	chr2	Body	0.98	(0.72; 1.34)	9.0E-01
cg16678412	ATF7IP2	chr16	Body	0.98	(0.67; 1.42)	9.0E-01
cg25102472	CACNA1C	chr12	Body	0.98	(0.69; 1.38)	9.0E-01
cg18928956	NDUFA9	chr12	Body	0.98	(0.7; 1.38)	9.0E-01
cg18928956	AKAP3	chr12	TSS1500	0.98	(0.7; 1.38)	9.0E-01
cg00095626	GNA12	chr7	Body	1.02	(0.73; 1.43)	9.0E-01
cg02994349	SGIP1	chr1	TSS200	1.03	(0.67; 1.58)	9.0E-01
cg03424860	PTPRN2	chr7	Body	0.98	(0.72; 1.33)	9.0E-01
cg27466709	RTN4RL1	chr17	Body	0.97	(0.61; 1.55)	9.0E-01
cg26054057	CTDSPL	chr3	Body	0.98	(0.67; 1.42)	9.0E-01
cg23862140	PHACTR1	chr6	Body	0.98	(0.66; 1.44)	9.0E-01
cg03436967	CNTNAP2	chr7	Body	0.98	(0.71; 1.35)	9.0E-01
cg26001056	AKAP13	chr15	5'UTR	1.05	(0.49; 2.22)	9.0E-01
cg14895029	GNA12	chr7	Body	0.98	(0.71; 1.36)	9.0E-01
cg13266188	UBE2E2	chr3	Body	0.98	(0.7; 1.38)	9.0E-01
cg07298917	DMXL2	chr15	Body	0.98	(0.68; 1.4)	9.0E-01
cg14973055	DNAI2	chr17	Body	1.03	(0.63; 1.68)	9.0E-01
cg21364020	TNRC18	chr7	Body	0.98	(0.74; 1.3)	9.0E-01
cg14355023	CNTNAP2	chr7	Body	0.98	(0.72; 1.34)	9.0E-01
cg26281728	AKAP13	chr15	5'UTR	1.02	(0.75; 1.39)	9.0E-01
cg26281728	AKAP13	chr15	1stExon	1.02	(0.75; 1.39)	9.0E-01
cg24635257	TNFRSF1B	chr1	TSS200	1.02	(0.72; 1.44)	9.0E-01
cg24077076	PTPRN2	chr7	Body	1.02	(0.76; 1.35)	9.0E-01
cg01434465	TENM2	chr5	Body	1.02	(0.69; 1.51)	9.0E-01
cg09388810	TNRC18	chr7	Body	0.98	(0.7; 1.37)	9.0E-01
cg15704521	GNA12	chr7	Body	1.05	(0.47; 2.34)	9.0E-01
cg27616595	CNTNAP2	chr7	Body	0.97	(0.64; 1.49)	9.0E-01
cg12232006	WWOX	chr16	Body	0.98	(0.71; 1.36)	9.0E-01
cg13974683	DMXL2	chr15	Body	0.97	(0.56; 1.68)	9.0E-01
cg17737875	PTPRN2	chr7	Body	1.02	(0.76; 1.37)	9.0E-01
cg02620569	CTNND2	chr5	Body	1.02	(0.75; 1.38)	9.0E-01
cg18882910	CACNA1C	chr12	Body	0.98	(0.68; 1.42)	9.1E-01
cg18639374	PTPRN2	chr7	Body	0.98	(0.72; 1.33)	9.1E-01
cg26786017	WWOX	chr16	Body	1.02	(0.74; 1.41)	9.1E-01
cg00501111	ZFP91	chr11	TSS1500	1.02	(0.72; 1.44)	9.1E-01
cg15199594	TENM2	chr5	TSS1500	1.02	(0.68; 1.54)	9.1E-01
cg10934821	TAOK3	chr12	5'UTR	1.02	(0.75; 1.39)	9.1E-01
cg16510127	MEX3A	chr1	Body	0.98	(0.7; 1.38)	9.1E-01
cg16066771	CACNA1C	chr12	Body	1.02	(0.72; 1.45)	9.1E-01
cg04481045	TNRC18	chr7	Body	0.98	(0.71; 1.36)	9.1E-01
cg27196442	WWOX	chr16	Body	1.02	(0.75; 1.38)	9.1E-01
cg13836770	TNFRSF1B	chr1	TSS200	1.02	(0.75; 1.39)	9.1E-01
cg05231753	TNFRSF10B	chr8	Body	0.98	(0.71; 1.35)	9.1E-01
cg26942930	CNTNAP2	chr7	Body	0.98	(0.7; 1.37)	9.1E-01
cg10754395	PTPRN2	chr7	Body	1.02	(0.7; 1.49)	9.1E-01
cg26926387	CUX2	chr12	Body	1.02	(0.74; 1.4)	9.1E-01
cg11889808	PTPRN2	chr7	Body	1.02	(0.72; 1.45)	9.1E-01
cg03879673	SGIP1	chr1	5'UTR	0.97	(0.61; 1.54)	9.1E-01
cg03879673	SGIP1	chr1	1stExon	0.97	(0.61; 1.54)	9.1E-01
cg05841636	MBD5	chr2	5'UTR	1.02	(0.7; 1.49)	9.1E-01
cg13060572	TNRC6B	chr22	Body	1.03	(0.66; 1.59)	9.1E-01
cg20978220	AKAP13	chr15	Body	1.03	(0.67; 1.56)	9.1E-01
cg10518481	PTPRS	chr19	TSS1500	0.98	(0.72; 1.33)	9.1E-01
cg13857601	WWOX	chr16	TSS1500	1.02	(0.72; 1.46)	9.1E-01
cg12879569	CACNA1C	chr12	Body	1.02	(0.76; 1.37)	9.1E-01
cg16821426	CHCHD6	chr3	Body	0.98	(0.67; 1.42)	9.1E-01
cg02920900	PTPRN2	chr7	Body	1.02	(0.75; 1.39)	9.1E-01
cg27099497	PTPRN2	chr7	Body	1.02	(0.76; 1.36)	9.1E-01
cg04693494	NOL4L	chr20	Body	1.02	(0.72; 1.46)	9.1E-01
cg11813009	CTDSPL2	chr15	5'UTR	1.02	(0.75; 1.38)	9.1E-01
cg08424893	TNRC6B	chr22	Body	0.96	(0.51; 1.82)	9.1E-01

cg04244873	ORC4	chr2	5'UTR	0.98	(0.71; 1.36)	9.1E-01
cg24671229	CSMD2	chr1	Body	1.02	(0.76; 1.37)	9.1E-01
cg22719146	CTNND2	chr5	Body	1.02	(0.75; 1.38)	9.1E-01
cg12692286	SUGCT	chr7	Body	0.98	(0.73; 1.32)	9.1E-01
cg19349713	CPEB1	chr15	Body	0.97	(0.53; 1.77)	9.1E-01
cg15243702	CTDSPL2	chr15	5'UTR	0.98	(0.68; 1.4)	9.1E-01
cg10535597	CUX2	chr12	Body	1.02	(0.72; 1.44)	9.1E-01
cg27195778	ZBTB20	chr3	5'UTR	1.02	(0.69; 1.51)	9.1E-01
cg27195778	ZBTB20	chr3	Body	1.02	(0.69; 1.51)	9.1E-01
cg17385674	ARID1A	chr1	TSS1500	0.98	(0.72; 1.34)	9.1E-01
cg26641455	PTPRN2	chr7	Body	1.02	(0.74; 1.41)	9.1E-01
cg00418027	BARX1	chr9	Body	0.97	(0.59; 1.6)	9.1E-01
cg12770149	SUSD4	chr1	5'UTR	0.98	(0.68; 1.42)	9.1E-01
cg21733150	SGIP1	chr1	Body	1.02	(0.71; 1.46)	9.1E-01
cg22498223	PTPRN2	chr7	Body	0.98	(0.67; 1.43)	9.1E-01
cg14289852	PTPRN2	chr7	Body	0.98	(0.73; 1.32)	9.1E-01
cg06251773	CSMD2	chr1	Body	0.97	(0.59; 1.6)	9.1E-01
cg14422759	RTN4R	chr22	Body	1.02	(0.71; 1.46)	9.1E-01
cg12820461	PTPRN2	chr7	Body	0.98	(0.69; 1.39)	9.1E-01
cg08549497	WWOX	chr16	Body	1.02	(0.74; 1.4)	9.1E-01
cg00765111	TENM2	chr5	Body	0.98	(0.71; 1.35)	9.1E-01
cg00765111	CTB-178M22.2	chr5	TSS1500	0.98	(0.71; 1.35)	9.1E-01
cg13987304	TENM2	chr5	Body	1.02	(0.74; 1.4)	9.1E-01
cg13987304	CTB-178M22.2	chr5	Body	1.02	(0.74; 1.4)	9.1E-01
cg09784523	ELAVL4	chr1	TSS1500	1.02	(0.69; 1.51)	9.1E-01
cg09784523	ELAVL4	chr1	TSS200	1.02	(0.69; 1.51)	9.1E-01
cg09784523	ELAVL4	chr1	Body	1.02	(0.69; 1.51)	9.1E-01
cg12108849	TNR	chr1	Body	0.98	(0.64; 1.49)	9.1E-01
cg18241780	TAOK3	chr12	Body	0.98	(0.71; 1.35)	9.1E-01
cg23263176	TENM2	chr5	Body	1.02	(0.74; 1.39)	9.1E-01
cg11028496	PTPRN2	chr7	Body	1.02	(0.75; 1.39)	9.1E-01
cg10253902	DACH1	chr13	Body	1.02	(0.69; 1.52)	9.1E-01
cg19524238	GNA12	chr7	Body	1.02	(0.76; 1.37)	9.1E-01
cg14211350	PTPRN2	chr7	Body	1.02	(0.72; 1.45)	9.1E-01
cg25037841	RTN4R	chr22	Body	0.98	(0.7; 1.38)	9.1E-01
cg14430141	TNR	chr1	5'UTR	0.98	(0.63; 1.52)	9.1E-01
cg25387685	PTPRN2	chr7	Body	0.98	(0.69; 1.39)	9.1E-01
cg03161673	PTPRN2	chr7	Body	0.98	(0.68; 1.41)	9.1E-01
cg12015310	MEIS2	chr15	5'UTR	1.02	(0.71; 1.46)	9.1E-01
cg12015310	MEIS2	chr15	1stExon	1.02	(0.71; 1.46)	9.1E-01
cg12015310	MEIS2	chr15	TSS1500	1.02	(0.71; 1.46)	9.1E-01
cg27190366	RTN4	chr2	TSS200	0.98	(0.72; 1.34)	9.1E-01
cg09709951	ATF7	chr12	5'UTR	1.02	(0.77; 1.35)	9.1E-01
cg14002960	NOL4	chr18	Body	0.98	(0.63; 1.5)	9.1E-01
cg01961965	PTPRN2	chr7	Body	1.02	(0.74; 1.39)	9.1E-01
cg03987919	CTNND2	chr5	Body	0.98	(0.64; 1.5)	9.1E-01
cg03987919	CTNND2	chr5	5'UTR	0.98	(0.64; 1.5)	9.1E-01
cg23168264	MEIS2	chr15	5'UTR	0.98	(0.72; 1.35)	9.1E-01
cg23168264	MEIS2	chr15	1stExon	0.98	(0.72; 1.35)	9.1E-01
cg23168264	MEIS2	chr15	TSS1500	0.98	(0.72; 1.35)	9.1E-01
cg27254040	NRXN1	chr2	Body	1.02	(0.7; 1.49)	9.2E-01
cg22400059	PEX14	chr1	Body	0.98	(0.7; 1.37)	9.2E-01
cg26995924	RTN4	chr2	TSS1500	0.98	(0.68; 1.41)	9.2E-01
cg26995924	RTN4	chr2	Body	0.98	(0.68; 1.41)	9.2E-01
cg13632655	PTPRN2	chr7	Body	1.02	(0.72; 1.44)	9.2E-01
cg04910840	FBXO36	chr2	TSS200	0.98	(0.71; 1.35)	9.2E-01
cg21832978	ALCAM	chr3	Body	0.98	(0.7; 1.38)	9.2E-01
cg07385090	WWOX	chr16	5'UTR	0.98	(0.71; 1.36)	9.2E-01
cg07385090	WWOX	chr16	Body	0.98	(0.71; 1.36)	9.2E-01
cg07385090	WWOX	chr16	1stExon	0.98	(0.71; 1.36)	9.2E-01
cg27347936	CTNND2	chr5	Body	1.02	(0.68; 1.53)	9.2E-01

cg27347936	<i>CTNND2</i>	chr5	5'UTR	1.02	(0.68; 1.53)	9.2E-01
cg25402818	<i>PTPRN2</i>	chr7	Body	0.98	(0.7; 1.38)	9.2E-01
cg10434814	<i>PTPRN2</i>	chr7	Body	0.98	(0.74; 1.31)	9.2E-01
cg00762354	<i>CEP350</i>	chr1	Body	1.02	(0.76; 1.35)	9.2E-01
cg24728456	<i>CSMD2</i>	chr1	Body	1.02	(0.74; 1.4)	9.2E-01
cg26411041	<i>ATF7</i>	chr12	Body	0.98	(0.71; 1.36)	9.2E-01
cg02019508	<i>ATF7</i>	chr12	TSS1500	0.98	(0.72; 1.35)	9.2E-01
cg02019508	<i>ATF7</i>	chr12	5'UTR	0.98	(0.72; 1.35)	9.2E-01
cg12134752	<i>PTPRS</i>	chr19	Body	0.97	(0.6; 1.59)	9.2E-01
cg19593344	<i>PTPRN2</i>	chr7	Body	0.98	(0.72; 1.34)	9.2E-01
cg01148766	<i>CTNND2</i>	chr5	Body	1.02	(0.76; 1.36)	9.2E-01
cg21221712	<i>AKAP13</i>	chr15	Body	1.02	(0.71; 1.45)	9.2E-01
cg09947615	<i>ATP8A1</i>	chr4	TSS1500	0.98	(0.71; 1.36)	9.2E-01
cg08944961	<i>CUX2</i>	chr12	Body	0.98	(0.66; 1.44)	9.2E-01
cg00461149	<i>PTPRN2</i>	chr7	Body	0.98	(0.68; 1.41)	9.2E-01
cg08401143	<i>PTPRN2</i>	chr7	Body	0.98	(0.72; 1.34)	9.2E-01
cg15460516	<i>TNFRSF12A</i>	chr16	TSS200	0.98	(0.73; 1.33)	9.2E-01
cg05635096	<i>CCDC80</i>	chr3	Body	1.02	(0.73; 1.41)	9.2E-01
cg19437757	<i>PTPRN2</i>	chr7	Body	0.98	(0.72; 1.34)	9.2E-01
cg23131026	<i>FBXO31</i>	chr16	TSS1500	0.98	(0.69; 1.39)	9.2E-01
cg11020333	<i>GNA12</i>	chr7	Body	1.03	(0.63; 1.66)	9.2E-01
cg17133734	<i>AKAP13</i>	chr15	Body	0.98	(0.7; 1.38)	9.2E-01
cg12937684	<i>PTPRN2</i>	chr7	Body	1.02	(0.72; 1.44)	9.2E-01
cg09130676	<i>PTPRN2</i>	chr7	Body	0.98	(0.69; 1.4)	9.2E-01
cg23887878	<i>NRXN1</i>	chr2	Body	1.02	(0.67; 1.57)	9.2E-01
cg12888632	<i>PTPRU</i>	chr1	Body	1.02	(0.68; 1.53)	9.2E-01
cg24457614	<i>NRXN1</i>	chr2	Body	0.98	(0.68; 1.41)	9.2E-01
cg23538400	<i>RTN4RL1</i>	chr17	Body	1.02	(0.7; 1.48)	9.2E-01
cg27322071	<i>FBXO31</i>	chr16	Body	0.98	(0.69; 1.4)	9.2E-01
cg03859906	<i>ACVR2A</i>	chr2	5'UTR	0.99	(0.74; 1.32)	9.2E-01
cg03859906	<i>ACVR2A</i>	chr2	Body	0.99	(0.74; 1.32)	9.2E-01
cg24591824	<i>CACNA1C</i>	chr12	Body	0.98	(0.71; 1.36)	9.2E-01
cg22959894	<i>PTPRN2</i>	chr7	Body	0.98	(0.62; 1.55)	9.2E-01
cg07806164	<i>UBE2E2</i>	chr3	TSS200	1.02	(0.74; 1.4)	9.2E-01
cg04234424	<i>CNTNAP2</i>	chr7	Body	1.02	(0.74; 1.4)	9.2E-01
cg24436689	<i>DCUN1D4</i>	chr4	TSS1500	0.98	(0.65; 1.47)	9.2E-01
cg21934675	<i>SGIP1</i>	chr1	Body	0.98	(0.7; 1.39)	9.2E-01
cg16665765	<i>CTDSPL</i>	chr3	Body	0.97	(0.55; 1.71)	9.2E-01
cg21301642	<i>CTDSPL</i>	chr3	Body	0.95	(0.37; 2.43)	9.2E-01
cg01235172	<i>PTPRN2</i>	chr7	Body	0.98	(0.61; 1.55)	9.2E-01
cg06073499	<i>CSMD2</i>	chr1	Body	1.02	(0.74; 1.4)	9.2E-01
cg14897316	<i>CUX2</i>	chr12	Body	0.98	(0.72; 1.35)	9.2E-01
cg01916446	<i>FBXO31</i>	chr16	TSS200	0.99	(0.73; 1.32)	9.2E-01
cg20844469	<i>CDH13</i>	chr16	5'UTR	1.02	(0.7; 1.47)	9.2E-01
cg20844469	<i>CDH13</i>	chr16	Body	1.02	(0.7; 1.47)	9.2E-01
cg22729960	<i>PTPRU</i>	chr1	Body	0.98	(0.71; 1.36)	9.2E-01
cg18327157	<i>PTPRN2</i>	chr7	Body	1.02	(0.74; 1.4)	9.2E-01
cg09258788	<i>PTPRN2</i>	chr7	Body	0.98	(0.71; 1.37)	9.2E-01
cg11889800	<i>AKAP13</i>	chr15	Body	0.97	(0.54; 1.76)	9.2E-01
cg13104745	<i>TNRC18</i>	chr7	Body	1.02	(0.68; 1.53)	9.2E-01
cg13144857	<i>PDE8A</i>	chr15	5'UTR	0.98	(0.65; 1.47)	9.2E-01
cg13144857	<i>PDE8A</i>	chr15	Body	0.98	(0.65; 1.47)	9.2E-01
cg05308556	<i>PTPRN2</i>	chr7	Body	0.99	(0.73; 1.33)	9.2E-01
cg16772598	<i>COL5A2</i>	chr2	TSS1500	0.98	(0.65; 1.47)	9.2E-01
cg04860285	<i>CHCHD6</i>	chr3	Body	0.98	(0.66; 1.46)	9.2E-01
cg18459233	<i>TAOK3</i>	chr12	5'UTR	0.98	(0.72; 1.34)	9.2E-01
cg06890761	<i>PTPRN2</i>	chr7	Body	1.02	(0.74; 1.4)	9.2E-01
cg10358780	<i>GOLT1B</i>	chr12	5'UTR	1.01	(0.76; 1.35)	9.2E-01
cg10358780	<i>GOLT1B</i>	chr12	1stExon	1.01	(0.76; 1.35)	9.2E-01
cg10358780	<i>RECQL</i>	chr12	TSS200	1.01	(0.76; 1.35)	9.2E-01
cg12169153	<i>CREBBP</i>	chr16	Body	1.02	(0.74; 1.39)	9.2E-01

cg08927975	<i>FSTL1</i>	chr3	Body	0.98	(0.7; 1.39)	9.2E-01
cg21658616	<i>PTPRS</i>	chr19	Body	0.98	(0.72; 1.35)	9.2E-01
cg04134048	<i>TNFRSF10D</i>	chr8	TSS200	1.02	(0.73; 1.41)	9.2E-01
cg08455926	<i>AKAP13</i>	chr15	Body	1.02	(0.73; 1.42)	9.2E-01
cg08455926	<i>AKAP13</i>	chr15	ExonBnd	1.02	(0.73; 1.42)	9.2E-01
cg15913875	<i>RTN4</i>	chr2	3'UTR	0.99	(0.72; 1.34)	9.2E-01
cg00946507	<i>RECQL5</i>	chr17	Body	0.98	(0.69; 1.4)	9.2E-01
cg03473270	<i>TENM2</i>	chr5	TSS1500	1.02	(0.68; 1.54)	9.2E-01
cg15521382	<i>WVOX</i>	chr16	Body	1.02	(0.73; 1.41)	9.2E-01
cg22148433	<i>TENM2</i>	chr5	Body	0.98	(0.58; 1.65)	9.2E-01
cg25751788	<i>RTN4RL2</i>	chr11	Body	1.02	(0.69; 1.5)	9.2E-01
cg05527604	<i>PTPRN2</i>	chr7	Body	0.99	(0.74; 1.32)	9.2E-01
cg16006415	<i>PTPRN2</i>	chr7	Body	1.02	(0.68; 1.53)	9.3E-01
cg16155453	<i>CACNA1C</i>	chr12	Body	1.02	(0.71; 1.46)	9.3E-01
cg19756611	<i>DACH1</i>	chr13	TSS1500	0.98	(0.68; 1.43)	9.3E-01
cg09831558	<i>SCAF8</i>	chr6	Body	1.02	(0.71; 1.47)	9.3E-01
cg03340215	<i>CPEB1</i>	chr15	Body	0.99	(0.73; 1.33)	9.3E-01
cg11985321	<i>PTPRN2</i>	chr7	Body	0.98	(0.69; 1.4)	9.3E-01
cg17020516	<i>TAOK3</i>	chr12	5'UTR	0.98	(0.68; 1.42)	9.3E-01
cg23633413	<i>CHFR</i>	chr12	Body	1.01	(0.75; 1.37)	9.3E-01
cg19374303	<i>PTPRS</i>	chr19	Body	0.98	(0.7; 1.38)	9.3E-01
cg23328412	<i>SGIP1</i>	chr1	Body	0.98	(0.64; 1.51)	9.3E-01
cg23316732	<i>ZBTB20</i>	chr3	5'UTR	1.02	(0.7; 1.47)	9.3E-01
cg12912426	<i>ATF7IP</i>	chr12	5'UTR	1.03	(0.59; 1.77)	9.3E-01
cg15672331	<i>AKAP13</i>	chr15	TSS200	1.01	(0.76; 1.36)	9.3E-01
cg21705926	<i>PTPRN2</i>	chr7	Body	0.98	(0.7; 1.38)	9.3E-01
cg10318906	<i>BARX1</i>	chr9	TSS1500	0.98	(0.69; 1.4)	9.3E-01
cg23235971	<i>PTPRN2</i>	chr7	Body	1.02	(0.71; 1.46)	9.3E-01
cg00660163	<i>MEX3A</i>	chr1	TSS1500	1.01	(0.74; 1.39)	9.3E-01
cg01252513	<i>CUX2</i>	chr12	Body	1.01	(0.76; 1.36)	9.3E-01
cg13949213	<i>ERI3</i>	chr1	Body	0.99	(0.73; 1.33)	9.3E-01
cg05316650	<i>GNA12</i>	chr7	Body	1.03	(0.51; 2.09)	9.3E-01
cg01083894	<i>ZNF704</i>	chr8	3'UTR	0.98	(0.62; 1.54)	9.3E-01
cg13763577	<i>UNC80</i>	chr2	Body	0.98	(0.59; 1.61)	9.3E-01
cg13034073	<i>GNA12</i>	chr7	3'UTR	0.98	(0.68; 1.43)	9.3E-01
cg13721576	<i>TENM2</i>	chr5	Body	0.98	(0.71; 1.37)	9.3E-01
cg20120197	<i>PTPRN2</i>	chr7	Body	0.98	(0.71; 1.37)	9.3E-01
cg09365942	<i>SUGCT</i>	chr7	Body	1.02	(0.7; 1.47)	9.3E-01
cg08792057	<i>BARX2</i>	chr11	Body	0.99	(0.73; 1.34)	9.3E-01
cg23636833	<i>PTPRN2</i>	chr7	Body	0.98	(0.62; 1.54)	9.3E-01
cg00097432	<i>ZBTB20</i>	chr3	5'UTR	1.01	(0.75; 1.38)	9.3E-01
cg00097432	<i>ZBTB20</i>	chr3	TSS200	1.01	(0.75; 1.38)	9.3E-01
cg14064193	<i>PTPRN2</i>	chr7	Body	1.01	(0.76; 1.36)	9.3E-01
cg22626260	<i>PTPRN2</i>	chr7	Body	0.98	(0.68; 1.42)	9.3E-01
cg13735493	<i>NOL4L</i>	chr20	Body	0.96	(0.37; 2.46)	9.3E-01
cg11358565	<i>ELAVL4</i>	chr1	Body	1.02	(0.71; 1.46)	9.3E-01
cg05325288	<i>ATP6V0C</i>	chr16	Body	1.01	(0.75; 1.36)	9.3E-01
cg22173311	<i>PTPRS</i>	chr19	Body	1.01	(0.73; 1.41)	9.3E-01
cg26150071	<i>CSMD2</i>	chr1	Body	1.01	(0.73; 1.41)	9.3E-01
cg05139870	<i>SMARCD3</i>	chr7	TSS200	0.98	(0.57; 1.68)	9.3E-01
cg05139870	<i>SMARCD3</i>	chr7	Body	0.98	(0.57; 1.68)	9.3E-01
cg13604276	<i>PTPRN2</i>	chr7	Body	0.98	(0.68; 1.42)	9.3E-01
cg09604180	<i>POU2F1</i>	chr1	Body	0.97	(0.49; 1.92)	9.3E-01
cg06094238	<i>PTPRN2</i>	chr7	Body	0.99	(0.72; 1.35)	9.3E-01
cg06805236	<i>CUX2</i>	chr12	Body	1.02	(0.72; 1.44)	9.3E-01
cg08330366	<i>ZFP91</i>	chr11	Body	0.99	(0.71; 1.36)	9.3E-01
cg23243463	<i>BRUNOL4</i>	chr18	TSS1500	1.02	(0.69; 1.51)	9.3E-01
cg01932827	<i>RTN4RL2</i>	chr11	TSS1500	1.02	(0.72; 1.44)	9.3E-01
cg01372212	<i>CTNND2</i>	chr5	Body	0.98	(0.69; 1.4)	9.3E-01
cg01372212	<i>CTNND2</i>	chr5	5'UTR	0.98	(0.69; 1.4)	9.3E-01
cg07041341	<i>ATP6V0C</i>	chr16	TSS200	0.98	(0.69; 1.41)	9.3E-01

cg07179329	<i>CDH13</i>	chr16	Body	1.02	(0.68; 1.52)	9.3E-01
cg20993270	<i>SUGCT</i>	chr7	Body	1.01	(0.74; 1.38)	9.3E-01
cg19013174	<i>ZBTB20</i>	chr3	Body	0.98	(0.69; 1.41)	9.3E-01
cg19013174	<i>ZBTB20</i>	chr3	5'UTR	0.98	(0.69; 1.41)	9.3E-01
cg27040423	<i>CHFR</i>	chr12	TSS1500	1.01	(0.73; 1.4)	9.3E-01
cg23987876	<i>PTPRU</i>	chr1	TSS1500	1.02	(0.7; 1.48)	9.3E-01
cg02303933	<i>MTNR1A</i>	chr4	Body	1.01	(0.74; 1.38)	9.3E-01
cg02302183	<i>CDH13</i>	chr16	5'UTR	1.01	(0.75; 1.36)	9.3E-01
cg02302183	<i>CDH13</i>	chr16	Body	1.01	(0.75; 1.36)	9.3E-01
cg06879394	<i>PHACTR1</i>	chr6	Body	0.99	(0.74; 1.32)	9.3E-01
cg05078438	<i>CDH13</i>	chr16	Body	1.01	(0.72; 1.43)	9.3E-01
cg18332677	<i>RTN4R</i>	chr22	Body	1.03	(0.52; 2.02)	9.3E-01
cg11872672	<i>PTPRN2</i>	chr7	Body	1.01	(0.72; 1.43)	9.3E-01
cg21368462	<i>ACVR2A</i>	chr2	Body	1.01	(0.75; 1.37)	9.3E-01
cg27109125	<i>DMXL2</i>	chr15	3'UTR	1.02	(0.69; 1.51)	9.3E-01
cg04538770	<i>TENM2</i>	chr5	Body	1.01	(0.73; 1.41)	9.3E-01
cg25675668	<i>ATP6V0C</i>	chr16	TSS1500	1.01	(0.73; 1.41)	9.3E-01
cg25675668	<i>ATP6V0C</i>	chr16	TSS200	1.01	(0.73; 1.41)	9.3E-01
cg23752548	<i>BRUNOL4</i>	chr18	Body	0.99	(0.71; 1.37)	9.3E-01
cg17401720	<i>PTPRN2</i>	chr7	Body	1.02	(0.71; 1.44)	9.3E-01
cg22824265	<i>FBXO33</i>	chr14	1stExon	1.01	(0.73; 1.41)	9.3E-01
cg24463469	<i>FBXO33</i>	chr14	Body	0.99	(0.72; 1.35)	9.3E-01
cg23253053	<i>CUX2</i>	chr12	Body	0.98	(0.65; 1.48)	9.3E-01
cg23066280	<i>PTPRN2</i>	chr7	Body	0.99	(0.74; 1.32)	9.3E-01
cg05492172	<i>SGIP1</i>	chr1	Body	1.01	(0.74; 1.39)	9.3E-01
cg00067702	<i>TENM2</i>	chr5	Body	0.98	(0.64; 1.5)	9.3E-01
cg21604450	<i>SGIP1</i>	chr1	TSS1500	0.98	(0.64; 1.5)	9.3E-01
cg14260709	<i>PTPRN2</i>	chr7	Body	1.01	(0.74; 1.39)	9.3E-01
cg08326660	<i>CNTF</i>	chr11	TSS1500	1.01	(0.77; 1.33)	9.3E-01
cg11620689	<i>ALCAM</i>	chr3	Body	1.02	(0.7; 1.48)	9.4E-01
cg05453434	<i>CDH13</i>	chr16	Body	0.99	(0.69; 1.41)	9.4E-01
cg15657287	<i>ERI3</i>	chr1	Body	1.01	(0.72; 1.44)	9.4E-01
cg13275908	<i>COL5A2</i>	chr2	Body	0.98	(0.68; 1.43)	9.4E-01
cg08091526	<i>WWOX</i>	chr16	Body	0.99	(0.72; 1.36)	9.4E-01
cg05670275	<i>FBXO36</i>	chr2	1stExon	1.01	(0.73; 1.4)	9.4E-01
cg08221669	<i>RTN4R</i>	chr22	Body	1.01	(0.74; 1.38)	9.4E-01
cg21724547	<i>TNR</i>	chr1	5'UTR	0.99	(0.69; 1.4)	9.4E-01
cg27088726	<i>CDH13</i>	chr16	Body	1.01	(0.74; 1.38)	9.4E-01
cg16423638	<i>CREBBP</i>	chr16	Body	0.99	(0.69; 1.41)	9.4E-01
cg24114762	<i>TNFRSF10C</i>	chr8	TSS1500	0.99	(0.7; 1.4)	9.4E-01
cg08685853	<i>ERI3</i>	chr1	Body	0.98	(0.6; 1.6)	9.4E-01
cg07771123	<i>PTPRU</i>	chr1	Body	1.02	(0.65; 1.6)	9.4E-01
cg26892401	<i>GNA12</i>	chr7	Body	0.99	(0.7; 1.39)	9.4E-01
cg06089298	<i>SCAF8</i>	chr6	Body	0.99	(0.74; 1.32)	9.4E-01
cg16323245	<i>ZBTB20</i>	chr3	5'UTR	0.97	(0.48; 1.98)	9.4E-01
cg00409812	<i>CACNA1C</i>	chr12	Body	0.98	(0.56; 1.71)	9.4E-01
cg01955203	<i>FBXO32</i>	chr8	3'UTR	0.99	(0.69; 1.4)	9.4E-01
cg26896499	<i>SUSD4</i>	chr1	Body	1.01	(0.72; 1.42)	9.4E-01
cg18293555	<i>RTN4R</i>	chr22	Body	0.99	(0.69; 1.4)	9.4E-01
cg27609967	<i>ELAVL4</i>	chr1	1stExon	1.02	(0.59; 1.77)	9.4E-01
cg27609967	<i>ELAVL4</i>	chr1	Body	1.02	(0.59; 1.77)	9.4E-01
cg27609967	<i>ELAVL4</i>	chr1	5'UTR	1.02	(0.59; 1.77)	9.4E-01
cg00674848	<i>CREBBP</i>	chr16	Body	0.98	(0.67; 1.45)	9.4E-01
cg19334350	<i>PTPRN2</i>	chr7	Body	0.98	(0.66; 1.47)	9.4E-01
cg27503577	<i>TNRC6C</i>	chr17	Body	1.01	(0.71; 1.44)	9.4E-01
cg01123783	<i>CNTNAP2</i>	chr7	Body	0.99	(0.72; 1.35)	9.4E-01
cg11879902	<i>CACNA1C</i>	chr12	Body	1.01	(0.72; 1.42)	9.4E-01
cg12971683	<i>ARID1A</i>	chr1	Body	1.02	(0.68; 1.51)	9.4E-01
cg03361379	<i>PTPRN2</i>	chr7	Body	0.98	(0.63; 1.53)	9.4E-01
cg11073447	<i>CUX2</i>	chr12	Body	1.01	(0.75; 1.37)	9.4E-01
cg11918372	<i>FBXO11</i>	chr2	5'UTR	1.01	(0.74; 1.39)	9.4E-01

cg11918372	<i>FBXO11</i>	chr2	1stExon	1.01	(0.74; 1.39)	9.4E-01
cg03088104	<i>FBXO34</i>	chr14	1stExon	1.01	(0.75; 1.36)	9.4E-01
cg03088104	<i>FBXO34</i>	chr14	TSS1500	1.01	(0.75; 1.36)	9.4E-01
cg03088104	<i>FBXO34</i>	chr14	5'UTR	1.01	(0.75; 1.36)	9.4E-01
cg13878536	<i>PTPRN2</i>	chr7	Body	0.98	(0.66; 1.47)	9.4E-01
cg24589514	<i>FBXO33</i>	chr14	1stExon	0.99	(0.7; 1.39)	9.4E-01
cg20595490	<i>MBD5</i>	chr2	TSS1500	1.01	(0.71; 1.45)	9.4E-01
cg01255782	<i>CPEB1</i>	chr15	Body	0.99	(0.66; 1.47)	9.4E-01
cg19505398	<i>DDHD2</i>	chr8	ExonBnd	0.99	(0.66; 1.47)	9.4E-01
cg19505398	<i>DDHD2</i>	chr8	Body	0.99	(0.66; 1.47)	9.4E-01
cg08247053	<i>CSMD2</i>	chr1	Body	0.99	(0.72; 1.35)	9.4E-01
cg12577925	<i>DNAI2</i>	chr17	5'UTR	0.98	(0.55; 1.75)	9.4E-01
cg26220316	<i>CTDSPL2</i>	chr15	Body	0.99	(0.7; 1.38)	9.4E-01
cg02373104	<i>CNTNAP2</i>	chr7	Body	1.01	(0.73; 1.4)	9.4E-01
cg07317983	<i>ZBTB20</i>	chr3	TSS1500	1.01	(0.72; 1.42)	9.4E-01
cg07317983	<i>ZBTB20</i>	chr3	5'UTR	1.01	(0.72; 1.42)	9.4E-01
cg15535177	<i>AKAP13</i>	chr15	Body	0.98	(0.65; 1.5)	9.4E-01
cg17975235	<i>ZNF704</i>	chr8	Body	1.02	(0.63; 1.64)	9.4E-01
cg27299588	<i>PTPRS</i>	chr19	Body	1.02	(0.64; 1.62)	9.4E-01
cg11373212	<i>CTDSPL</i>	chr3	Body	1.03	(0.41; 2.6)	9.4E-01
cg15928247	<i>UBE2E2</i>	chr3	Body	0.99	(0.69; 1.41)	9.4E-01
cg18581392	<i>CUX2</i>	chr12	Body	1.02	(0.66; 1.57)	9.4E-01
cg09794469	<i>TNRC18</i>	chr7	Body	1.01	(0.71; 1.45)	9.4E-01
cg07846348	<i>TENM2</i>	chr5	Body	0.99	(0.73; 1.35)	9.4E-01
cg12329318	<i>COL5A2</i>	chr2	Body	0.99	(0.67; 1.44)	9.4E-01
cg25221496	<i>MEIS2</i>	chr15	Body	1.01	(0.73; 1.4)	9.4E-01
cg08297140	<i>FBXO32</i>	chr8	TSS1500	0.99	(0.74; 1.33)	9.4E-01
cg07144984	<i>ZBTB20</i>	chr3	5'UTR	1.01	(0.69; 1.48)	9.4E-01
cg09592903	<i>RTN4</i>	chr2	Body	1.01	(0.75; 1.36)	9.4E-01
cg07135835	<i>CUX2</i>	chr12	Body	0.97	(0.39; 2.4)	9.4E-01
cg00841784	<i>UBE2E2</i>	chr3	Body	0.99	(0.72; 1.36)	9.4E-01
cg12860753	<i>FBXO33</i>	chr14	Body	1.01	(0.72; 1.42)	9.4E-01
cg05765703	<i>PTPRN2</i>	chr7	Body	1.01	(0.75; 1.36)	9.4E-01
cg25406735	<i>FBXO32</i>	chr8	1stExon	1.01	(0.76; 1.35)	9.4E-01
cg22380476	<i>CTDSPL</i>	chr3	Body	0.99	(0.66; 1.48)	9.4E-01
ch.7.3089487R	<i>CNTNAP2</i>	chr7	Body	1.01	(0.73; 1.4)	9.4E-01
cg25496967	<i>CSMD2</i>	chr1	TSS200	1.01	(0.68; 1.51)	9.4E-01
cg25496967	<i>CSMD2</i>	chr1	Body	1.01	(0.68; 1.51)	9.4E-01
cg21931713	<i>PEX14</i>	chr1	Body	1.02	(0.62; 1.68)	9.4E-01
cg27200730	<i>CDH13</i>	chr16	Body	1.01	(0.74; 1.39)	9.4E-01
cg21926698	<i>EIF2S1</i>	chr14	TSS1500	0.99	(0.7; 1.4)	9.4E-01
cg23762306	<i>CREBBP</i>	chr16	Body	1.02	(0.66; 1.57)	9.4E-01
cg07365274	<i>ZBTB20</i>	chr3	TSS200	1.01	(0.74; 1.38)	9.4E-01
cg11803278	<i>PTPRN2</i>	chr7	Body	0.99	(0.73; 1.33)	9.4E-01
cg04078093	<i>PTPRS</i>	chr19	Body	0.98	(0.64; 1.52)	9.4E-01
cg15092544	<i>RAP1B</i>	chr12	5'UTR	1.01	(0.76; 1.35)	9.4E-01
cg15092544	<i>RAP1B</i>	chr12	1stExon	1.01	(0.76; 1.35)	9.4E-01
cg18159323	<i>PTPRN2</i>	chr7	Body	1.01	(0.7; 1.47)	9.4E-01
cg12844290	<i>CUX2</i>	chr12	Body	1.01	(0.73; 1.41)	9.4E-01
cg22824674	<i>PTPRN2</i>	chr7	Body	1.01	(0.73; 1.4)	9.4E-01
cg14826185	<i>TENM2</i>	chr5	Body	0.99	(0.73; 1.34)	9.4E-01
cg22598247	<i>PTPRN2</i>	chr7	Body	1.01	(0.72; 1.42)	9.5E-01
cg05503905	<i>CSMD2</i>	chr1	Body	1.02	(0.66; 1.55)	9.5E-01
cg11412766	<i>RTN4</i>	chr2	Body	0.98	(0.62; 1.56)	9.5E-01
cg11412766	<i>RTN4</i>	chr2	1stExon	0.98	(0.62; 1.56)	9.5E-01
cg11412766	<i>RTN4</i>	chr2	5'UTR	0.98	(0.62; 1.56)	9.5E-01
cg05204754	<i>NOL4L</i>	chr20	Body	1.02	(0.58; 1.8)	9.5E-01
cg07526221	<i>ACVR2A</i>	chr2	Body	1.01	(0.75; 1.36)	9.5E-01
cg22402902	<i>RTN4RL1</i>	chr17	1stExon	1.01	(0.75; 1.37)	9.5E-01
cg22402902	<i>RTN4RL1</i>	chr17	5'UTR	1.01	(0.75; 1.37)	9.5E-01
cg01199923	<i>CSMD2</i>	chr1	Body	0.99	(0.68; 1.44)	9.5E-01

cg27210764	WVOX	chr16	Body	0.99	(0.71; 1.38)	9.5E-01
cg23300267	CUX2	chr12	3'UTR	0.99	(0.67; 1.45)	9.5E-01
cg17142404	RTN4RL1	chr17	3'UTR	0.99	(0.64; 1.51)	9.5E-01
cg12976399	CHD6	chr20	Body	0.99	(0.7; 1.39)	9.5E-01
cg20572472	ERI3	chr1	Body	1.01	(0.69; 1.49)	9.5E-01
cg17336584	PHACTR1	chr6	Body	1.01	(0.67; 1.53)	9.5E-01
cg14425722	ACVR2A	chr2	TSS1500	1.01	(0.72; 1.41)	9.5E-01
cg10688790	CNTNAP2	chr7	Body	0.99	(0.73; 1.34)	9.5E-01
cg20525229	CUX2	chr12	Body	1.01	(0.73; 1.41)	9.5E-01
cg05410763	FBXO31	chr16	Body	0.99	(0.72; 1.36)	9.5E-01
cg05410763	FBXO31	chr16	5'UTR	0.99	(0.72; 1.36)	9.5E-01
cg06453997	MTNR1A	chr4	Body	1.01	(0.74; 1.38)	9.5E-01
cg03740132	CNTNAP2	chr7	Body	0.99	(0.71; 1.38)	9.5E-01
cg19606289	AKAP13	chr15	5'UTR	1.02	(0.61; 1.69)	9.5E-01
cg13798112	ZBTB20	chr3	Body	1.01	(0.72; 1.41)	9.5E-01
cg16884099	PTPRN2	chr7	Body	0.99	(0.71; 1.37)	9.5E-01
cg09955928	MBD5	chr2	5'UTR	0.99	(0.66; 1.48)	9.5E-01
cg16933578	EIF2S1	chr14	TSS1500	1.01	(0.71; 1.44)	9.5E-01
cg00550052	WVOX	chr16	Body	1.01	(0.71; 1.44)	9.5E-01
cg25919797	PTPRN2	chr7	Body	1.01	(0.75; 1.36)	9.5E-01
cg02619005	FBXO31	chr16	Body	1.01	(0.73; 1.39)	9.5E-01
cg05861697	RTN4RL1	chr17	Body	0.99	(0.74; 1.32)	9.5E-01
cg24111259	ZBTB20	chr3	Body	0.99	(0.67; 1.46)	9.5E-01
cg24111259	ZBTB20	chr3	3'UTR	0.99	(0.67; 1.46)	9.5E-01
cg05130081	PTPRN2	chr7	Body	0.99	(0.73; 1.33)	9.5E-01
cg21608691	PTPRN2	chr7	Body	0.99	(0.73; 1.34)	9.5E-01
cg01820285	CACNA1C	chr12	Body	1.01	(0.68; 1.52)	9.5E-01
cg05939647	UBE2E2	chr3	Body	0.99	(0.73; 1.34)	9.5E-01
cg00747661	CREBBP	chr16	TSS1500	1.01	(0.73; 1.4)	9.5E-01
cg16657615	TNFRSF12A	chr16	Body	1.01	(0.75; 1.37)	9.5E-01
cg02054964	PTPRN2	chr7	Body	1.01	(0.73; 1.39)	9.5E-01
cg07465794	PTPRN2	chr7	Body	0.99	(0.71; 1.37)	9.5E-01
cg12084076	NOL4	chr18	TSS1500	1.01	(0.68; 1.5)	9.5E-01
cg12084076	NOL4	chr18	TSS200	1.01	(0.68; 1.5)	9.5E-01
cg07354008	PTPRN2	chr7	Body	1.01	(0.74; 1.38)	9.5E-01
cg08898446	TNRC6C	chr17	Body	1.01	(0.76; 1.34)	9.5E-01
cg06848521	PTPRN2	chr7	Body	0.99	(0.65; 1.5)	9.5E-01
cg25196812	POU2F1	chr1	Body	1.01	(0.68; 1.52)	9.5E-01
cg25196812	POU2F1	chr1	TSS1500	1.01	(0.68; 1.52)	9.5E-01
cg14492551	TENM2	chr5	Body	1.01	(0.65; 1.58)	9.5E-01
cg13229363	PTPRN2	chr7	Body	0.99	(0.73; 1.34)	9.5E-01
cg20522673	ATP8A1	chr4	Body	0.99	(0.64; 1.53)	9.5E-01
cg04577657	CPEB1	chr15	Body	1.01	(0.74; 1.39)	9.5E-01
cg04577657	CPEB1	chr15	5'UTR	1.01	(0.74; 1.39)	9.5E-01
cg17955126	SGIP1	chr1	Body	1.01	(0.75; 1.36)	9.5E-01
cg12558358	UBE2E2	chr3	5'UTR	0.99	(0.69; 1.42)	9.5E-01
cg12558358	UBE2E2	chr3	1stExon	0.99	(0.69; 1.42)	9.5E-01
cg05430201	SGIP1	chr1	Body	1.01	(0.63; 1.63)	9.5E-01
cg15208525	CNTNAP2	chr7	Body	1.01	(0.68; 1.51)	9.5E-01
cg01960233	TNRC6B	chr22	Body	0.99	(0.73; 1.35)	9.5E-01
cg10117016	ERI3	chr1	Body	1.01	(0.73; 1.39)	9.5E-01
cg24990327	CNTNAP2	chr7	Body	1.01	(0.68; 1.5)	9.5E-01
cg20190127	CACNA1C	chr12	Body	1.01	(0.69; 1.48)	9.5E-01
cg20696049	PTPRN2	chr7	Body	1.01	(0.68; 1.52)	9.5E-01
cg22239322	TENM2	chr5	Body	0.99	(0.62; 1.58)	9.5E-01
cg04850976	CREBBP	chr16	Body	0.99	(0.64; 1.51)	9.5E-01
cg15771432	PTPRN2	chr7	Body	0.99	(0.67; 1.46)	9.5E-01
cg25378818	POU2F1	chr1	TSS200	0.99	(0.7; 1.41)	9.5E-01
cg25378818	POU2F1	chr1	TSS1500	0.99	(0.7; 1.41)	9.5E-01
cg25215295	BRUNOL4	chr18	Body	1.01	(0.72; 1.42)	9.5E-01
cg00120481	CUX2	chr12	Body	1.01	(0.63; 1.63)	9.5E-01

cg24258439	<i>TNFRSF11A</i>	chr18	Body	0.99	(0.74; 1.34)	9.5E-01
cg19796617	<i>CNTNAP2</i>	chr7	Body	1.01	(0.75; 1.36)	9.5E-01
cg01056853	<i>PHACTR1</i>	chr6	Body	0.99	(0.68; 1.45)	9.5E-01
cg09364373	<i>SGIP1</i>	chr1	Body	1.01	(0.74; 1.38)	9.5E-01
cg05966059	<i>UNC80</i>	chr2	Body	1.01	(0.72; 1.42)	9.5E-01
cg11449777	<i>CHCHD6</i>	chr3	Body	1.01	(0.72; 1.41)	9.5E-01
cg09916651	<i>CUX2</i>	chr12	Body	0.99	(0.6; 1.62)	9.5E-01
cg13937841	<i>WAC</i>	chr10	TSS1500	1.01	(0.75; 1.36)	9.5E-01
cg09527886	<i>GNA12</i>	chr7	Body	0.99	(0.68; 1.44)	9.5E-01
cg14743683	<i>PTPRN2</i>	chr7	Body	1.01	(0.75; 1.36)	9.5E-01
cg25594390	<i>EIF2S1</i>	chr14	TSS1500	1.01	(0.73; 1.4)	9.5E-01
cg08527313	<i>PTPRU</i>	chr1	Body	1.01	(0.74; 1.38)	9.5E-01
cg01169981	<i>PDE8A</i>	chr15	Body	0.99	(0.69; 1.41)	9.5E-01
cg11811816	<i>CUX2</i>	chr12	Body	1.01	(0.72; 1.41)	9.5E-01
cg05454781	<i>PEX14</i>	chr1	Body	0.98	(0.45; 2.11)	9.5E-01
cg01371842	<i>PTPRN2</i>	chr7	Body	0.99	(0.71; 1.38)	9.5E-01
cg27508180	<i>COL1A2</i>	chr7	Body	0.99	(0.71; 1.37)	9.5E-01
cg10079022	<i>CDH13</i>	chr16	Body	1.01	(0.7; 1.47)	9.5E-01
cg26944382	<i>NOL4</i>	chr18	Body	0.99	(0.7; 1.4)	9.5E-01
cg26944382	<i>NOL4</i>	chr18	TSS200	0.99	(0.7; 1.4)	9.5E-01
cg23877344	<i>WWOX</i>	chr16	Body	1.01	(0.72; 1.41)	9.6E-01
cg01253289	<i>PTPRU</i>	chr1	Body	1.01	(0.73; 1.39)	9.6E-01
cg23165166	<i>COL5A2</i>	chr2	Body	0.99	(0.64; 1.52)	9.6E-01
cg22530232	<i>PTPRN2</i>	chr7	Body	1.01	(0.72; 1.42)	9.6E-01
cg05926314	<i>PTPRN2</i>	chr7	Body	1.01	(0.76; 1.34)	9.6E-01
cg18081171	<i>ALCAM</i>	chr3	Body	1.01	(0.75; 1.36)	9.6E-01
cg17537683	<i>RTN4</i>	chr2	Body	0.99	(0.67; 1.45)	9.6E-01
cg17436727	<i>TAOK3</i>	chr12	5'UTR	1.01	(0.68; 1.5)	9.6E-01
cg24241410	<i>PTPRN2</i>	chr7	Body	1.01	(0.74; 1.38)	9.6E-01
cg16345171	<i>BRUNOL4</i>	chr18	Body	0.99	(0.72; 1.36)	9.6E-01
cg10611831	<i>CACNA1C</i>	chr12	Body	1.01	(0.66; 1.54)	9.6E-01
cg04507925	<i>UNC80</i>	chr2	Body	1.01	(0.64; 1.6)	9.6E-01
cg10397322	<i>UBE2E2</i>	chr3	TSS1500	1.01	(0.65; 1.57)	9.6E-01
cg15035217	<i>PTPRN2</i>	chr7	Body	1.01	(0.71; 1.43)	9.6E-01
cg23431382	<i>MEIS2</i>	chr15	Body	1.01	(0.7; 1.45)	9.6E-01
cg13453162	<i>CDH13</i>	chr16	5'UTR	1.01	(0.72; 1.41)	9.6E-01
cg13453162	<i>CDH13</i>	chr16	Body	1.01	(0.72; 1.41)	9.6E-01
cg25483140	<i>FBXO34</i>	chr14	5'UTR	0.99	(0.72; 1.37)	9.6E-01
cg24429310	<i>CNTNAP2</i>	chr7	Body	1.01	(0.71; 1.43)	9.6E-01
cg09319617	<i>TNR</i>	chr1	5'UTR	0.99	(0.68; 1.43)	9.6E-01
cg16358867	<i>DNAI2</i>	chr17	Body	1.01	(0.62; 1.66)	9.6E-01
cg10368284	<i>CACNA1C</i>	chr12	Body	0.99	(0.7; 1.41)	9.6E-01
cg09993929	<i>CACNA1C</i>	chr12	Body	1.01	(0.7; 1.45)	9.6E-01
cg06645081	<i>PDE8A</i>	chr15	5'UTR	1.01	(0.71; 1.43)	9.6E-01
cg06645081	<i>PDE8A</i>	chr15	Body	1.01	(0.71; 1.43)	9.6E-01
cg13342684	<i>MEIS2</i>	chr15	Body	1.01	(0.71; 1.43)	9.6E-01
cg01010931	<i>CREBBP</i>	chr16	Body	0.99	(0.72; 1.36)	9.6E-01
cg09497103	<i>ERI3</i>	chr1	Body	0.99	(0.71; 1.38)	9.6E-01
cg20060394	<i>HMGB4</i>	chr1	5'UTR	1.01	(0.74; 1.38)	9.6E-01
cg20060394	<i>HMGB4</i>	chr1	TSS1500	1.01	(0.74; 1.38)	9.6E-01
cg20060394	<i>CSMD2</i>	chr1	Body	1.01	(0.74; 1.38)	9.6E-01
cg04132731	<i>WWOX</i>	chr16	Body	0.98	(0.49; 1.95)	9.6E-01
cg10099415	<i>NRXN1</i>	chr2	Body	0.99	(0.69; 1.43)	9.6E-01
cg10099415	<i>NRXN1</i>	chr2	TSS200	0.99	(0.69; 1.43)	9.6E-01
cg19098763	<i>ELAVL4</i>	chr1	TSS200	1.01	(0.65; 1.58)	9.6E-01
cg08425543	<i>NRXN1</i>	chr2	Body	0.99	(0.73; 1.34)	9.6E-01
cg16562619	<i>WWOX</i>	chr16	Body	0.99	(0.72; 1.37)	9.6E-01
cg11980493	<i>ARID1A</i>	chr1	Body	0.98	(0.52; 1.87)	9.6E-01
cg14886857	<i>MEIS2</i>	chr15	Body	0.99	(0.71; 1.39)	9.6E-01
cg18145806	<i>TNFRSF10D</i>	chr8	TSS1500	1.01	(0.73; 1.39)	9.6E-01
cg09949366	<i>PHACTR1</i>	chr6	Body	1.01	(0.68; 1.5)	9.6E-01

cg08364730	CREBBP	chr16	Body	0.99	(0.67; 1.46)	9.6E-01
cg01354866	NRXN1	chr2	Body	1.01	(0.71; 1.42)	9.6E-01
cg08592146	FBXO38	chr5	TSS200	1.01	(0.7; 1.46)	9.6E-01
cg05112254	CACNA1C	chr12	Body	0.99	(0.62; 1.58)	9.6E-01
cg23641032	TNR	chr1	5'UTR	0.99	(0.55; 1.75)	9.6E-01
cg11003780	PTPRN2	chr7	Body	0.99	(0.71; 1.38)	9.6E-01
cg11208376	WVOX	chr16	Body	0.99	(0.74; 1.34)	9.6E-01
cg09592430	CNTNAP2	chr7	Body	0.99	(0.68; 1.44)	9.6E-01
cg05344902	SUGCT	chr7	Body	1.01	(0.68; 1.49)	9.6E-01
cg02225855	AKAP13	chr15	Body	1.01	(0.75; 1.36)	9.6E-01
cg15439377	CACNA1C-IT2	chr12	TSS200	1.01	(0.68; 1.49)	9.6E-01
cg09279763	GNA12	chr7	Body	1.01	(0.73; 1.4)	9.6E-01
cg04797180	TENM2	chr5	Body	1.01	(0.59; 1.73)	9.6E-01
cg18640966	CSMD2	chr1	Body	1.01	(0.63; 1.61)	9.6E-01
cg08374341	CNTNAP2	chr7	Body	0.99	(0.73; 1.36)	9.6E-01
cg17139035	DDHD2	chr8	TSS1500	0.99	(0.74; 1.33)	9.6E-01
cg15031780	PEX14	chr1	Body	0.99	(0.74; 1.33)	9.6E-01
cg22291711	MEIS2	chr15	Body	1.01	(0.67; 1.53)	9.6E-01
cg02495250	CDH13	chr16	Body	0.99	(0.71; 1.38)	9.6E-01
cg08279304	CTDSPL2	chr15	TSS200	0.99	(0.71; 1.38)	9.6E-01
cg17152355	AKAP13	chr15	Body	1.01	(0.7; 1.45)	9.6E-01
cg04670922	PTPRN2	chr7	Body	0.99	(0.66; 1.49)	9.6E-01
cg03694569	DMXL2	chr15	Body	0.99	(0.68; 1.44)	9.6E-01
cg13348293	WAC	chr10	TSS1500	1.01	(0.74; 1.36)	9.6E-01
cg13348293	WAC	chr10	Body	1.01	(0.74; 1.36)	9.6E-01
cg09315614	TNFRSF19	chr13	5'UTR	1.01	(0.71; 1.44)	9.6E-01
cg05233160	PDE8A	chr15	Body	1.01	(0.7; 1.44)	9.6E-01
cg00627447	CDH13	chr16	5'UTR	0.99	(0.71; 1.4)	9.6E-01
cg00627447	CDH13	chr16	Body	0.99	(0.71; 1.4)	9.6E-01
cg00238283	PTPRN2	chr7	Body	1.01	(0.74; 1.38)	9.6E-01
cg08678429	CHD6	chr20	TSS1500	0.99	(0.73; 1.36)	9.6E-01
cg03023681	FBXO32	chr8	Body	0.99	(0.72; 1.36)	9.6E-01
cg24173411	ALCAM	chr3	TSS1500	0.99	(0.72; 1.36)	9.6E-01
cg10589720	DACH1	chr13	Body	0.99	(0.64; 1.53)	9.7E-01
cg12563520	COL1A2	chr7	Body	1.01	(0.68; 1.49)	9.7E-01
cg05378324	WAC	chr10	TSS200	1.01	(0.74; 1.38)	9.7E-01
cg05378324	WAC	chr10	5'UTR	1.01	(0.74; 1.38)	9.7E-01
cg17838516	MTNR1B	chr11	Body	1.01	(0.74; 1.37)	9.7E-01
cg00478362	POU2F1	chr1	Body	1.01	(0.7; 1.45)	9.7E-01
cg05965106	TSHZ3	chr19	Body	0.99	(0.7; 1.4)	9.7E-01
cg25758137	ALCAM	chr3	Body	0.99	(0.68; 1.46)	9.7E-01
cg08917738	RTN4RL1	chr17	Body	1.01	(0.71; 1.43)	9.7E-01
cg05386140	MEX3A	chr1	Body	1.01	(0.63; 1.61)	9.7E-01
cg25553638	CUX2	chr12	Body	1.01	(0.71; 1.43)	9.7E-01
cg20033731	CACNA1C	chr12	TSS1500	0.99	(0.63; 1.56)	9.7E-01
cg00572756	PTPRN2	chr7	Body	0.99	(0.7; 1.42)	9.7E-01
cg00395277	ATP8A1	chr4	Body	1.01	(0.65; 1.56)	9.7E-01
cg06263843	CPEB1	chr15	1stExon	1.01	(0.68; 1.49)	9.7E-01
cg06263843	CPEB1	chr15	Body	1.01	(0.68; 1.49)	9.7E-01
cg06263843	CPEB1	chr15	5'UTR	1.01	(0.68; 1.49)	9.7E-01
cg27308130	CHCHD6	chr3	TSS1500	1.01	(0.75; 1.35)	9.7E-01
cg08690482	CPEB1	chr15	TSS200	0.99	(0.7; 1.41)	9.7E-01
cg08690482	CPEB1	chr15	Body	0.99	(0.7; 1.41)	9.7E-01
cg00927495	BARX1	chr9	Body	0.99	(0.7; 1.41)	9.7E-01
cg06671146	ZBTB20	chr3	5'UTR	0.99	(0.68; 1.45)	9.7E-01
cg06106126	MTNR1B	chr11	Body	1.01	(0.69; 1.47)	9.7E-01
cg11156416	TNRC6B	chr22	Body	0.99	(0.51; 1.92)	9.7E-01
cg12917938	CHFR	chr12	Body	1.01	(0.73; 1.39)	9.7E-01
cg06749295	NRXN1	chr2	Body	1.01	(0.7; 1.46)	9.7E-01
cg03734058	PTPRN2	chr7	Body	0.99	(0.5; 1.94)	9.7E-01
cg23535882	AKAP13	chr15	Body	1.01	(0.68; 1.49)	9.7E-01

cg14838474	<i>RECQL</i>	chr12	1stExon	0.99	(0.73; 1.35)	9.7E-01
cg14838474	<i>GOLT1B</i>	chr12	TSS1500	0.99	(0.73; 1.35)	9.7E-01
cg14838474	<i>RECQL</i>	chr12	5'UTR	0.99	(0.73; 1.35)	9.7E-01
cg26663279	<i>CHCHD6</i>	chr3	Body	0.99	(0.71; 1.39)	9.7E-01
cg21584710	<i>DNAI2</i>	chr17	Body	0.99	(0.69; 1.42)	9.7E-01
cg08110076	<i>CDH11</i>	chr16	Body	0.99	(0.7; 1.41)	9.7E-01
cg15064873	<i>TXNDC9</i>	chr2	TSS200	0.99	(0.71; 1.39)	9.7E-01
cg25764700	<i>NOL4L</i>	chr20	Body	0.99	(0.7; 1.41)	9.7E-01
cg16363189	<i>SCAF8</i>	chr6	Body	0.99	(0.66; 1.48)	9.7E-01
cg12948619	<i>CUX2</i>	chr12	Body	0.99	(0.63; 1.56)	9.7E-01
cg22001533	<i>NRXN1</i>	chr2	Body	0.99	(0.62; 1.58)	9.7E-01
cg22001533	<i>NRXN1</i>	chr2	1stExon	0.99	(0.62; 1.58)	9.7E-01
cg22001533	<i>NRXN1</i>	chr2	5'UTR	0.99	(0.62; 1.58)	9.7E-01
cg14307471	<i>NOL4</i>	chr18	3'UTR	1.01	(0.72; 1.41)	9.7E-01
cg17764549	<i>PTPRN2</i>	chr7	Body	0.99	(0.69; 1.42)	9.7E-01
cg21649205	<i>PTPRN2</i>	chr7	Body	1.01	(0.73; 1.39)	9.7E-01
ch.16.759907F	<i>TNRC6A</i>	chr16	Body	0.99	(0.51; 1.91)	9.7E-01
cg13538517	<i>PTPRN2</i>	chr7	Body	0.99	(0.72; 1.38)	9.7E-01
cg20284508	<i>CHCHD6</i>	chr3	Body	0.99	(0.74; 1.34)	9.7E-01
cg17896072	<i>BARX2</i>	chr11	Body	1.01	(0.73; 1.39)	9.7E-01
cg07303259	<i>WVOX</i>	chr16	Body	0.99	(0.73; 1.36)	9.7E-01
cg17599236	<i>SMARCD3</i>	chr7	TSS1500	1.01	(0.58; 1.77)	9.7E-01
cg17599236	<i>SMARCD3</i>	chr7	Body	1.01	(0.58; 1.77)	9.7E-01
cg13759328	<i>CDH13</i>	chr16	Body	1.01	(0.61; 1.66)	9.7E-01
cg09369524	<i>WVOX</i>	chr16	Body	0.99	(0.71; 1.39)	9.7E-01
cg05664127	<i>ATF7IP2</i>	chr16	3'UTR	1.01	(0.71; 1.43)	9.7E-01
cg04996300	<i>PTPRN2</i>	chr7	Body	1.01	(0.74; 1.37)	9.7E-01
cg17563447	<i>POU2F1</i>	chr1	Body	0.98	(0.44; 2.21)	9.7E-01
cg01164618	<i>WVOX</i>	chr16	Body	1.01	(0.71; 1.43)	9.7E-01
cg26183948	<i>PTPRN2</i>	chr7	Body	1.01	(0.71; 1.43)	9.7E-01
cg05605135	<i>TNRC18</i>	chr7	5'UTR	0.99	(0.73; 1.36)	9.7E-01
cg19388312	<i>SRSF10</i>	chr1	Body	1.01	(0.58; 1.76)	9.7E-01
cg04615668	<i>CTNND2</i>	chr5	Body	0.99	(0.71; 1.39)	9.7E-01
cg08475042	<i>UNC80</i>	chr2	Body	0.99	(0.71; 1.39)	9.7E-01
cg26359730	<i>TNR</i>	chr1	5'UTR	1.01	(0.7; 1.45)	9.7E-01
cg10432654	<i>GNA12</i>	chr7	Body	1.01	(0.67; 1.5)	9.7E-01
cg22049038	<i>CNTNAP2</i>	chr7	Body	0.99	(0.71; 1.39)	9.7E-01
cg10346416	<i>TNFRSF10D</i>	chr8	Body	1.01	(0.74; 1.37)	9.7E-01
cg21024835	<i>PTPRN2</i>	chr7	Body	0.99	(0.71; 1.38)	9.7E-01
cg25873335	<i>DCUN1D4</i>	chr4	TSS200	1.01	(0.74; 1.37)	9.7E-01
cg25873335	<i>DCUN1D4</i>	chr4	TSS1500	1.01	(0.74; 1.37)	9.7E-01
cg05789099	<i>TENM2</i>	chr5	Body	0.99	(0.74; 1.34)	9.7E-01
cg01787798	<i>TNR</i>	chr1	5'UTR	1.01	(0.72; 1.4)	9.7E-01
cg20244763	<i>FBXO33</i>	chr14	Body	1.01	(0.73; 1.38)	9.7E-01
cg24460711	<i>CACNA1C</i>	chr12	Body	1.01	(0.62; 1.64)	9.7E-01
cg21963042	<i>TNFRSF10B</i>	chr8	Body	1.01	(0.73; 1.39)	9.7E-01
cg21963042	<i>TNFRSF10B</i>	chr8	5'UTR	1.01	(0.73; 1.39)	9.7E-01
cg21963042	<i>TNFRSF10B</i>	chr8	1stExon	1.01	(0.73; 1.39)	9.7E-01
cg21235025	<i>DACH1</i>	chr13	Body	0.99	(0.56; 1.76)	9.7E-01
cg00691830	<i>MEIS2</i>	chr15	Body	1.01	(0.74; 1.37)	9.7E-01
cg10731951	<i>PTPRN2</i>	chr7	Body	0.99	(0.73; 1.36)	9.7E-01
cg10854767	<i>PTPRN2</i>	chr7	Body	0.99	(0.71; 1.39)	9.7E-01
cg02348989	<i>TSHZ3</i>	chr19	Body	1	(0.77; 1.28)	9.7E-01
cg16127691	<i>ZBTB20</i>	chr3	Body	1.01	(0.71; 1.43)	9.7E-01
cg16127691	<i>ZBTB20</i>	chr3	5'UTR	1.01	(0.71; 1.43)	9.7E-01
cg22888214	<i>CACNA1C</i>	chr12	Body	0.99	(0.64; 1.55)	9.7E-01
cg08235947	<i>PTPRN2</i>	chr7	Body	0.99	(0.72; 1.38)	9.7E-01
cg25113008	<i>RAP1B</i>	chr12	Body	1.01	(0.71; 1.43)	9.7E-01
cg24172774	<i>ACVR2A</i>	chr2	Body	0.99	(0.68; 1.45)	9.7E-01
cg23221723	<i>TNFRSF10C</i>	chr8	Body	1.01	(0.47; 2.18)	9.7E-01
cg03377396	<i>ZBTB20</i>	chr3	Body	0.99	(0.7; 1.41)	9.7E-01

cg24684739	ZFP91	chr11	TSS1500	0.99	(0.69; 1.44)	9.7E-01
cg02628790	TAOK3	chr12	Body	1.01	(0.68; 1.5)	9.7E-01
cg10732601	CSMD2	chr1	Body	0.99	(0.71; 1.39)	9.7E-01
cg08538032	ELAVL4	chr1	TSS200	0.99	(0.67; 1.47)	9.7E-01
cg08538032	ELAVL4	chr1	Body	0.99	(0.67; 1.47)	9.7E-01
cg27270830	PTPRS	chr19	Body	1	(0.73; 1.35)	9.7E-01
cg03223126	CUX2	chr12	TSS1500	1.01	(0.73; 1.38)	9.7E-01
cg05300440	ARID1A	chr1	Body	1	(0.74; 1.37)	9.8E-01
cg04495969	FBXO11	chr2	5'UTR	0.99	(0.7; 1.42)	9.8E-01
cg02240291	SMARCD3	chr7	Body	1.01	(0.69; 1.47)	9.8E-01
cg25740250	PTPRN2	chr7	Body	1	(0.75; 1.35)	9.8E-01
cg25788533	TNFRSF19	chr13	Body	1	(0.73; 1.35)	9.8E-01
cg04496204	DACH1	chr13	Body	0.99	(0.71; 1.4)	9.8E-01
cg01389234	ZBTB20	chr3	Body	0.99	(0.66; 1.5)	9.8E-01
cg01389234	ZBTB20	chr3	5'UTR	0.99	(0.66; 1.5)	9.8E-01
cg16964025	PTPRN2	chr7	Body	0.99	(0.7; 1.42)	9.8E-01
cg12531919	WVOX	chr16	Body	1	(0.74; 1.36)	9.8E-01
cg13800209	MEIS2	chr15	5'UTR	0.99	(0.62; 1.6)	9.8E-01
cg13800209	MEIS2	chr15	1stExon	0.99	(0.62; 1.6)	9.8E-01
cg13800209	MEIS2	chr15	Body	0.99	(0.62; 1.6)	9.8E-01
cg21185990	PTPRN2	chr7	Body	1	(0.74; 1.34)	9.8E-01
cg08903584	FBXO31	chr16	Body	1	(0.72; 1.38)	9.8E-01
cg02323550	PTPRN2	chr7	Body	1	(0.72; 1.38)	9.8E-01
cg09230014	PTPRN2	chr7	Body	1.01	(0.72; 1.4)	9.8E-01
cg20708280	CEP350	chr1	Body	1.01	(0.67; 1.51)	9.8E-01
cg20933713	TNR	chr1	TSS1500	1	(0.73; 1.37)	9.8E-01
cg10588150	CSMD2	chr1	Body	1.01	(0.7; 1.45)	9.8E-01
cg03632782	CDH13	chr16	Body	0.99	(0.7; 1.41)	9.8E-01
cg25358212	CTNND2	chr5	Body	1.01	(0.7; 1.45)	9.8E-01
cg17661112	PTPRN2	chr7	Body	1	(0.73; 1.39)	9.8E-01
cg24372762	WVOX	chr16	Body	1	(0.73; 1.38)	9.8E-01
cg08915603	MTNR1A	chr4	TSS200	0.99	(0.59; 1.66)	9.8E-01
cg00963169	ELAVL4	chr1	Body	1.01	(0.6; 1.68)	9.8E-01
cg01190168	CTDSP2	chr12	Body	1.01	(0.69; 1.47)	9.8E-01
cg06723898	CSMD2	chr1	Body	1.01	(0.6; 1.69)	9.8E-01
cg03034070	COL5A2	chr2	TSS1500	1	(0.73; 1.36)	9.8E-01
cg08544510	RECQL5	chr17	Body	0.99	(0.68; 1.45)	9.8E-01
cg02795629	WVOX	chr16	Body	0.99	(0.69; 1.43)	9.8E-01
cg11757124	PTPRN2	chr7	Body	1	(0.74; 1.34)	9.8E-01
cg27531327	CDH13	chr16	Body	0.99	(0.67; 1.48)	9.8E-01
cg27531327	LOC101928417	chr16	TSS1500	0.99	(0.67; 1.48)	9.8E-01
cg27531327	CDH13	chr16	5'UTR	0.99	(0.67; 1.48)	9.8E-01
cg10771779	PTPRN2	chr7	Body	1	(0.76; 1.32)	9.8E-01
cg08081323	RTN4RL2	chr11	Body	0.99	(0.57; 1.72)	9.8E-01
cg01798168	POU2F1	chr1	ExonBnd	1.01	(0.59; 1.73)	9.8E-01
cg01798168	POU2F1	chr1	Body	1.01	(0.59; 1.73)	9.8E-01
cg02037858	RTN4	chr2	Body	1	(0.72; 1.38)	9.8E-01
cg08218437	PHACTR1	chr6	Body	1.01	(0.56; 1.82)	9.8E-01
cg19983815	ATP6V0C	chr16	TSS200	1	(0.72; 1.4)	9.8E-01
cg14561985	PTPRN2	chr7	Body	1	(0.7; 1.42)	9.8E-01
cg03127750	PTPRN2	chr7	Body	1	(0.7; 1.44)	9.8E-01
cg11445764	FBXO38	chr5	5'UTR	1	(0.72; 1.37)	9.8E-01
cg00806490	CDH13	chr16	Body	0.99	(0.64; 1.54)	9.8E-01
cg09962086	RTN4	chr2	Body	1.01	(0.68; 1.49)	9.8E-01
cg09962086	RTN4	chr2	5'UTR	1.01	(0.68; 1.49)	9.8E-01
cg21506053	WVOX	chr16	Body	1	(0.72; 1.37)	9.8E-01
cg06779232	PTPRN2	chr7	Body	1	(0.77; 1.31)	9.8E-01
cg16385724	TENM2	chr5	Body	1.01	(0.64; 1.57)	9.8E-01
cg16875498	CACNA1C	chr12	Body	0.99	(0.46; 2.13)	9.8E-01
cg00838934	MTCL1	chr18	ExonBnd	1	(0.7; 1.44)	9.8E-01
cg00838934	MTCL1	chr18	Body	1	(0.7; 1.44)	9.8E-01

cg11611549	<i>ATF7IP2</i>	chr16	Body	1	(0.7; 1.44)	9.8E-01
cg20123706	<i>TNRC6B</i>	chr22	Body	1	(0.7; 1.41)	9.8E-01
cg15279308	<i>CACNA1C</i>	chr12	3'UTR	1	(0.74; 1.35)	9.8E-01
cg26189983	<i>TNFRSF1B</i>	chr1	Body	1	(0.73; 1.36)	9.8E-01
cg05381423	<i>PTPRS</i>	chr19	1stExon	1	(0.7; 1.45)	9.8E-01
cg05381423	<i>PTPRS</i>	chr19	5'UTR	1	(0.7; 1.45)	9.8E-01
cg25752163	<i>CUX2</i>	chr12	TSS1500	1	(0.74; 1.36)	9.8E-01
cg16530730	<i>CDH13</i>	chr16	5'UTR	1	(0.71; 1.43)	9.8E-01
cg16530730	<i>CDH13</i>	chr16	Body	1	(0.71; 1.43)	9.8E-01
cg18756498	<i>ALCAM</i>	chr3	5'UTR	1	(0.73; 1.39)	9.8E-01
cg18756498	<i>ALCAM</i>	chr3	1stExon	1	(0.73; 1.39)	9.8E-01
cg20812318	<i>SGIP1</i>	chr1	Body	1	(0.74; 1.37)	9.8E-01
cg25445104	<i>AKAP13</i>	chr15	Body	1	(0.76; 1.32)	9.8E-01
cg25445104	<i>AKAP13</i>	chr15	TSS1500	1	(0.76; 1.32)	9.8E-01
cg00799631	<i>TNRC18</i>	chr7	Body	1	(0.74; 1.36)	9.8E-01
cg00321927	<i>CDH13</i>	chr16	5'UTR	1	(0.72; 1.39)	9.8E-01
cg00321927	<i>CDH13</i>	chr16	Body	1	(0.72; 1.39)	9.8E-01
cg05944174	<i>PTPRN2</i>	chr7	Body	1	(0.73; 1.38)	9.8E-01
cg26790663	<i>PTPRN2</i>	chr7	Body	1	(0.74; 1.36)	9.8E-01
cg12660963	<i>CDH11</i>	chr16	5'UTR	1	(0.72; 1.4)	9.8E-01
cg27299484	<i>ATP8A1</i>	chr4	Body	1	(0.74; 1.34)	9.8E-01
cg21579360	<i>RECQL</i>	chr12	ExonBnd	1	(0.72; 1.37)	9.8E-01
cg21579360	<i>RECQL</i>	chr12	Body	1	(0.72; 1.37)	9.8E-01
cg16241421	<i>CUX2</i>	chr12	Body	1	(0.71; 1.43)	9.8E-01
cg15809571	<i>NDUFA9</i>	chr12	TSS1500	1	(0.7; 1.41)	9.8E-01
cg04135434	<i>PTPRN2</i>	chr7	Body	1	(0.72; 1.39)	9.8E-01
cg27517185	<i>CDH13</i>	chr16	5'UTR	1	(0.73; 1.36)	9.8E-01
cg27517185	<i>CDH13</i>	chr16	Body	1	(0.73; 1.36)	9.8E-01
cg25348130	<i>TNFRSF11B</i>	chr8	Body	1	(0.69; 1.44)	9.8E-01
cg00638020	<i>PTPRN2</i>	chr7	Body	1	(0.72; 1.4)	9.8E-01
cg01536668	<i>CREBBP</i>	chr16	Body	1	(0.7; 1.43)	9.8E-01
cg16910042	<i>PTPRN2</i>	chr7	Body	1	(0.71; 1.39)	9.8E-01
cg11600326	<i>PTPRN2</i>	chr7	Body	1.01	(0.53; 1.91)	9.8E-01
cg02825561	<i>TNRC18</i>	chr7	Body	1	(0.68; 1.47)	9.8E-01
cg06243124	<i>PTPRU</i>	chr1	Body	1	(0.71; 1.41)	9.8E-01
cg10845232	<i>PHACTR1</i>	chr6	Body	1	(0.74; 1.35)	9.8E-01
cg16474791	<i>RTN4R</i>	chr22	3'UTR	1	(0.66; 1.54)	9.8E-01
cg05786812	<i>CDH13</i>	chr16	5'UTR	1	(0.72; 1.39)	9.8E-01
cg05786812	<i>CDH13</i>	chr16	Body	1	(0.72; 1.39)	9.8E-01
cg05697637	<i>ATP8A1</i>	chr4	TSS1500	1	(0.73; 1.36)	9.8E-01
cg06248560	<i>BRUNOL4</i>	chr18	Body	1	(0.67; 1.48)	9.9E-01
cg12125241	<i>PDE8A</i>	chr15	Body	1	(0.66; 1.53)	9.9E-01
cg07951949	<i>CDH11</i>	chr16	Body	1	(0.65; 1.54)	9.9E-01
cg12179826	<i>BARX1</i>	chr9	Body	1	(0.74; 1.36)	9.9E-01
cg09328283	<i>CACNA1C</i>	chr12	TSS1500	1	(0.73; 1.36)	9.9E-01
cg04461013	<i>TNRC18</i>	chr7	Body	1	(0.71; 1.4)	9.9E-01
cg01592526	<i>RECQL5</i>	chr17	TSS200	1	(0.71; 1.41)	9.9E-01
cg03424342	<i>FSTL1</i>	chr3	5'UTR	1	(0.72; 1.4)	9.9E-01
cg03424342	<i>FSTL1</i>	chr3	1stExon	1	(0.72; 1.4)	9.9E-01
cg19254830	<i>ALCAM</i>	chr3	Body	1	(0.73; 1.37)	9.9E-01
cg07924708	<i>PTPRN2</i>	chr7	Body	1	(0.74; 1.35)	9.9E-01
cg20235871	<i>PTPRN2</i>	chr7	Body	1	(0.73; 1.37)	9.9E-01
cg17869960	<i>PHACTR1</i>	chr6	5'UTR	1	(0.71; 1.41)	9.9E-01
cg17698886	<i>PTPRS</i>	chr19	TSS1500	1	(0.71; 1.42)	9.9E-01
cg15558448	<i>NRXN1</i>	chr2	Body	1	(0.72; 1.4)	9.9E-01
cg09250656	<i>MTCL1</i>	chr18	Body	1	(0.72; 1.4)	9.9E-01
cg03885818	<i>CACNA1C</i>	chr12	Body	1	(0.73; 1.37)	9.9E-01
cg08763063	<i>CNTNAP2</i>	chr7	Body	1	(0.67; 1.48)	9.9E-01
cg04893733	<i>TSHZ3</i>	chr19	Body	1	(0.74; 1.35)	9.9E-01
cg11532229	<i>NOL4</i>	chr18	TSS1500	1	(0.65; 1.55)	9.9E-01
cg11532229	<i>NOL4</i>	chr18	Body	1	(0.65; 1.55)	9.9E-01

cg24764279	<i>PTPRN2</i>	chr7	Body	1	(0.71; 1.4)	9.9E-01
cg07176609	<i>TNR</i>	chr1	5'UTR	1	(0.71; 1.43)	9.9E-01
cg14571000	<i>PTPRN2</i>	chr7	Body	1	(0.68; 1.46)	9.9E-01
cg08960498	<i>PHACTR1</i>	chr6	Body	1	(0.57; 1.73)	9.9E-01
cg15151052	<i>PTPRU</i>	chr1	Body	1	(0.59; 1.7)	9.9E-01
cg02938601	<i>TNFRSF10C</i>	chr8	Body	1	(0.73; 1.37)	9.9E-01
cg27584713	<i>PHACTR1</i>	chr6	TSS1500	1	(0.64; 1.55)	9.9E-01
cg19852344	<i>CHFR</i>	chr12	5'UTR	1	(0.71; 1.39)	9.9E-01
cg14034092	<i>CHFR</i>	chr12	Body	1	(0.71; 1.39)	9.9E-01
cg17984612	<i>FBXO34</i>	chr14	5'UTR	1	(0.72; 1.37)	9.9E-01
cg09044294	<i>NRXN1</i>	chr2	Body	1	(0.65; 1.55)	9.9E-01
cg21244990	<i>PTPRN2</i>	chr7	Body	1	(0.73; 1.37)	9.9E-01
cg18629514	<i>TNRC18</i>	chr7	Body	1	(0.7; 1.42)	9.9E-01
cg20283505	<i>TNR</i>	chr1	5'UTR	1	(0.74; 1.35)	9.9E-01
cg07458150	<i>ZBTB20</i>	chr3	Body	1	(0.51; 1.94)	9.9E-01
cg07458150	<i>ZBTB20</i>	chr3	3'UTR	1	(0.51; 1.94)	9.9E-01
cg20068747	<i>FBXO34</i>	chr14	5'UTR	1	(0.63; 1.58)	9.9E-01
cg10242494	<i>SCAF8</i>	chr6	Body	1	(0.68; 1.46)	9.9E-01
cg17973164	<i>BRUNOL4</i>	chr18	TSS1500	1	(0.59; 1.7)	9.9E-01
cg09545368	<i>PTPRN2</i>	chr7	Body	1	(0.73; 1.37)	9.9E-01
cg26367456	<i>ALCAM</i>	chr3	Body	1	(0.7; 1.42)	9.9E-01
cg07386898	<i>CPEB1</i>	chr15	Body	1	(0.73; 1.37)	9.9E-01
cg16560495	<i>ZBTB20</i>	chr3	TSS1500	1	(0.72; 1.39)	9.9E-01
cg16560495	<i>ZBTB20</i>	chr3	5'UTR	1	(0.72; 1.39)	9.9E-01
cg16055195	<i>ATF7</i>	chr12	Body	1	(0.73; 1.36)	9.9E-01
cg15700587	<i>CNTNAP2</i>	chr7	Body	1	(0.69; 1.46)	9.9E-01
cg14270392	<i>PTPRN2</i>	chr7	Body	1	(0.74; 1.36)	9.9E-01
cg16980854	<i>MTCL1</i>	chr18	Body	1	(0.72; 1.37)	9.9E-01
cg14621522	<i>PDE8A</i>	chr15	TSS200	1	(0.72; 1.39)	9.9E-01
cg14621522	<i>PDE8A</i>	chr15	5'UTR	1	(0.72; 1.39)	9.9E-01
cg27194152	<i>PTPRN2</i>	chr7	Body	1	(0.74; 1.36)	9.9E-01
cg19466046	<i>TAOK3</i>	chr12	5'UTR	1	(0.63; 1.58)	9.9E-01
cg15995846	<i>CSMD2</i>	chr1	Body	1	(0.65; 1.54)	9.9E-01
cg00172597	<i>SUSD4</i>	chr1	TSS1500	1	(0.66; 1.51)	9.9E-01
cg14870792	<i>CACNA1C</i>	chr12	Body	1	(0.69; 1.46)	9.9E-01
cg13051302	<i>MEIS2</i>	chr15	Body	1	(0.7; 1.43)	9.9E-01
cg13173286	<i>BARX2</i>	chr11	Body	1	(0.71; 1.39)	9.9E-01
cg13606434	<i>TNRC18</i>	chr7	TSS1500	1	(0.67; 1.48)	9.9E-01
cg06182923	<i>CSMD2</i>	chr1	Body	1	(0.75; 1.33)	9.9E-01
cg05702548	<i>AKAP13</i>	chr15	Body	1	(0.48; 2.1)	9.9E-01
cg09026706	<i>CTDSPL2</i>	chr15	5'UTR	1	(0.6; 1.66)	9.9E-01
cg24047390	<i>LOC101928700</i>	chr7	TSS1500	1	(0.67; 1.48)	9.9E-01
cg24047390	<i>CNTNAP2</i>	chr7	Body	1	(0.67; 1.48)	9.9E-01
cg11320208	<i>TENM2</i>	chr5	Body	1	(0.67; 1.49)	9.9E-01
cg16137742	<i>ELAVL4</i>	chr1	Body	1	(0.73; 1.36)	9.9E-01
cg13086402	<i>UNC80</i>	chr2	Body	1	(0.72; 1.4)	9.9E-01
cg09784932	<i>RTN4R</i>	chr22	Body	1	(0.7; 1.44)	9.9E-01
cg22783088	<i>FBXO38</i>	chr5	Body	1	(0.73; 1.38)	9.9E-01
cg12541879	<i>PTPRN2</i>	chr7	Body	1	(0.72; 1.38)	9.9E-01
cg13808141	<i>TENM2</i>	chr5	Body	1	(0.71; 1.42)	9.9E-01
cg24571553	<i>COL5A2</i>	chr2	Body	1	(0.65; 1.52)	9.9E-01
cg20765665	<i>DACH1</i>	chr13	Body	1	(0.69; 1.46)	9.9E-01
cg11163497	<i>FBXO36</i>	chr2	TSS1500	1	(0.69; 1.44)	9.9E-01
cg25566285	<i>PTPRN2</i>	chr7	Body	1	(0.74; 1.35)	9.9E-01
cg00924624	<i>CHCHD6</i>	chr3	Body	1	(0.58; 1.71)	9.9E-01
cg17021875	<i>MTNR1A</i>	chr4	Body	1	(0.72; 1.4)	9.9E-01
cg12129715	<i>CACNA1C</i>	chr12	Body	1	(0.53; 1.9)	9.9E-01
cg08452870	<i>PTPRN2</i>	chr7	Body	1	(0.72; 1.38)	9.9E-01
cg02219447	<i>AKAP13</i>	chr15	Body	1	(0.74; 1.35)	9.9E-01
cg16142531	<i>MBD5</i>	chr2	5'UTR	1	(0.7; 1.42)	9.9E-01
cg19904666	<i>CTNND2</i>	chr5	Body	1	(0.47; 2.13)	9.9E-01

cg09383172	<i>PTPRN2</i>	chr7	Body	1	(0.7; 1.42)	9.9E-01
cg27247590	<i>CDH13</i>	chr16	Body	1	(0.7; 1.42)	9.9E-01
cg18951543	<i>PTPRN2</i>	chr7	Body	1	(0.76; 1.32)	9.9E-01
cg17070234	<i>NRXN1</i>	chr2	Body	1	(0.71; 1.41)	9.9E-01
cg06099703	<i>ATP6V0C</i>	chr16	3'UTR	1	(0.73; 1.37)	9.9E-01
cg15740346	<i>CACNA1C</i>	chr12	Body	1	(0.72; 1.39)	9.9E-01
cg05342250	<i>CTDSP2</i>	chr12	TSS200	1	(0.74; 1.35)	9.9E-01
cg25890575	<i>PTPRN2</i>	chr7	Body	1	(0.75; 1.33)	1.0E+00
cg27576259	<i>ATP6V0C</i>	chr16	Body	1	(0.59; 1.71)	1.0E+00
cg05429123	<i>ZNF704</i>	chr8	Body	1	(0.74; 1.36)	1.0E+00
cg17286491	<i>CEP350</i>	chr1	TSS1500	1	(0.74; 1.35)	1.0E+00
cg06248741	<i>TXNDC9</i>	chr2	TSS1500	1	(0.71; 1.4)	1.0E+00
cg25382821	<i>UBE2E2</i>	chr3	Body	1	(0.7; 1.43)	1.0E+00
cg08336832	<i>FBXO34</i>	chr14	TSS1500	1	(0.7; 1.43)	1.0E+00
cg08336832	<i>FBXO34</i>	chr14	TSS200	1	(0.7; 1.43)	1.0E+00
ch.16.192535R	<i>CREBBP</i>	chr16	Body	1	(0.72; 1.39)	1.0E+00
cg07506599	<i>PTPRN2</i>	chr7	Body	1	(0.69; 1.46)	1.0E+00
cg22897511	<i>WAC</i>	chr10	Body	1	(0.69; 1.44)	1.0E+00
cg16228716	<i>RNU5E-1</i>	chr5	Body	1	(0.67; 1.48)	1.0E+00
cg15993873	<i>CTDSPL2</i>	chr15	1stExon	1	(0.71; 1.41)	1.0E+00
cg15993873	<i>CTDSPL2</i>	chr15	5'UTR	1	(0.71; 1.41)	1.0E+00
cg07801742	<i>CHCHD6</i>	chr3	Body	1	(0.73; 1.38)	1.0E+00
cg10855967	<i>WVOX</i>	chr16	1stExon	1	(0.68; 1.47)	1.0E+00
cg23181590	<i>ZNF704</i>	chr8	TSS1500	1	(0.74; 1.35)	1.0E+00
cg00587329	<i>BARX2</i>	chr11	Body	1	(0.69; 1.45)	1.0E+00
cg11589567	<i>TNR</i>	chr1	5'UTR	1	(0.63; 1.58)	1.0E+00
cg17475323	<i>TNFRSF11A</i>	chr18	Body	1	(0.73; 1.36)	1.0E+00
cg13556468	<i>CDH13</i>	chr16	5'UTR	1	(0.72; 1.39)	1.0E+00
cg13556468	<i>CDH13</i>	chr16	Body	1	(0.72; 1.39)	1.0E+00
cg14706245	<i>PTPRN2</i>	chr7	Body	1	(0.75; 1.34)	1.0E+00
cg05012126	<i>PTPRN2</i>	chr7	Body	1	(0.44; 2.24)	1.0E+00
cg01599159	<i>WVOX</i>	chr16	Body	1	(0.72; 1.38)	1.0E+00
cg01706361	<i>TNRC6B</i>	chr22	Body	1	(0.71; 1.41)	1.0E+00
cg08073142	<i>TNRC6A</i>	chr16	TSS1500	1	(0.72; 1.38)	1.0E+00
cg04641731	<i>ZNF704</i>	chr8	TSS1500	1	(0.69; 1.45)	1.0E+00
cg19689679	<i>PTPRN2</i>	chr7	Body	1	(0.7; 1.42)	1.0E+00
cg18147280	<i>PEX14</i>	chr1	Body	1	(0.69; 1.44)	1.0E+00
cg03509193	<i>BARX2</i>	chr11	Body	1	(0.72; 1.39)	1.0E+00
cg06315745	<i>CTNND2</i>	chr5	Body	1	(0.63; 1.58)	1.0E+00
cg06536951	<i>MTCL1</i>	chr18	Body	1	(0.73; 1.37)	1.0E+00
cg08627619	<i>POU2F1</i>	chr1	Body	1	(0.67; 1.49)	1.0E+00
cg27526761	<i>MEIS2</i>	chr15	Body	1	(0.73; 1.38)	1.0E+00
cg10481617	<i>PHACTR1</i>	chr6	Body	1	(0.66; 1.51)	1.0E+00
cg07246187	<i>CTDSP2</i>	chr12	3'UTR	1	(0.73; 1.37)	1.0E+00
cg11967407	<i>SRSF10</i>	chr1	Body	1	(0.66; 1.51)	1.0E+00
cg06578117	<i>SLC16A9</i>	chr10	5'UTR	1	(0.68; 1.48)	1.0E+00
cg18242990	<i>GNA12</i>	chr7	TSS200	1	(0.72; 1.38)	1.0E+00
cg05191928	<i>GNA12</i>	chr7	TSS200	1	(0.71; 1.41)	1.0E+00
cg03288942	<i>TENM2</i>	chr5	Body	1	(0.72; 1.38)	1.0E+00
cg08402498	<i>CREBBP</i>	chr16	Body	1	(0.69; 1.45)	1.0E+00

Supplementary Table S9: Genes ordered by predictive capacity of the respectively annotated CpG sites

Gene symbol	Total n CpG sites in EPIC array	CpG selected in LASSO	ROC-AUC (95%-CI)
<i>AKAP13</i>	191	16	0.73 (0.69, 0.77)
<i>TENM2</i>	139	6	0.7 (0.66, 0.74)
<i>CTDSPL</i>	59	11	0.68 (0.64, 0.73)
<i>PTPRN2</i>	1485	6	0.68 (0.64, 0.72)
<i>PTPRS</i>	123	7	0.67 (0.62, 0.71)
<i>ARID1A</i>	55	6	0.66 (0.61, 0.7)
<i>CUX2</i>	176	6	0.66 (0.61, 0.7)
<i>TNRC6C</i>	53	7	0.65 (0.61, 0.7)
<i>TNRC6B</i>	85	3	0.64 (0.59, 0.69)
<i>PEX14</i>	80	4	0.64 (0.59, 0.68)
<i>CTNND2</i>	153	4	0.64 (0.59, 0.68)
<i>DACH1</i>	53	4	0.64 (0.59, 0.68)
<i>ATF7IP</i>	45	4	0.63 (0.58, 0.68)
<i>TXNDC9</i>	23	3	0.63 (0.58, 0.68)
<i>TNRC18</i>	157	3	0.63 (0.58, 0.67)
<i>PDE8A</i>	84	2	0.62 (0.58, 0.67)
<i>WWOX</i>	234	4	0.62 (0.58, 0.67)
<i>CACNA1C</i>	295	3	0.62 (0.58, 0.67)
<i>CNTNAP2</i>	152	2	0.62 (0.57, 0.67)
<i>CHD6</i>	59	4	0.62 (0.57, 0.67)
<i>TNRC6A</i>	57	3	0.62 (0.57, 0.66)
<i>TAOK3</i>	88	3	0.62 (0.57, 0.66)
<i>MEIS2</i>	182	2	0.62 (0.57, 0.66)
<i>FBXO31</i>	128	2	0.61 (0.56, 0.66)
<i>ZBTB20</i>	289	4	0.61 (0.57, 0.66)
<i>CPEB1</i>	108	2	0.61 (0.57, 0.66)
<i>TNFRSF1B</i>	49	4	0.61 (0.57, 0.66)
<i>RTN4</i>	78	2	0.61 (0.57, 0.66)
<i>SGIP1</i>	74	2	0.61 (0.57, 0.66)
<i>SUSD4</i>	42	2	0.61 (0.56, 0.66)
<i>RTN4R</i>	36	4	0.61 (0.56, 0.65)
<i>BARX2</i>	39	3	0.61 (0.56, 0.65)
<i>FBXO11</i>	52	2	0.61 (0.56, 0.65)
<i>AKAP3</i>	20	5	0.6 (0.56, 0.65)
<i>CREBBP</i>	98	1	0.6 (0.55, 0.65)
<i>MBD5</i>	34	5	0.6 (0.56, 0.65)
<i>CCDC80</i>	36	3	0.6 (0.55, 0.65)
<i>BARX1</i>	19	2	0.6 (0.55, 0.65)
<i>PTPRU</i>	80	1	0.6 (0.55, 0.65)
<i>ERI3</i>	90	2	0.6 (0.55, 0.65)
<i>CSMD2</i>	168	1	0.6 (0.55, 0.65)
<i>RECQL5</i>	76	4	0.6 (0.55, 0.65)
<i>BRUNOL4</i>	98	2	0.6 (0.55, 0.65)
<i>NRXN1</i>	168	3	0.6 (0.55, 0.64)
<i>ATF7</i>	80	3	0.6 (0.55, 0.64)
<i>CTDSPL2</i>	36	1	0.6 (0.55, 0.64)

<i>GNA12</i>	146	2	0.6 (0.55, 0.64)
<i>POU2F1</i>	76	3	0.59 (0.55, 0.64)
<i>SCAF8</i>	26	3	0.59 (0.54, 0.64)
<i>TNFRSF12A</i>	15	2	0.59 (0.55, 0.64)
<i>CDH11</i>	48	3	0.59 (0.54, 0.64)
<i>TNFRSF1A</i>	36	2	0.59 (0.54, 0.64)
<i>MEX3A</i>	30	1	0.59 (0.54, 0.64)
<i>SMARCD3</i>	69	2	0.59 (0.54, 0.64)
<i>RECQL</i>	27	1	0.59 (0.54, 0.64)
<i>GOLT1B</i>	22	1	0.59 (0.54, 0.64)
<i>ATP6V0C</i>	47	2	0.59 (0.54, 0.64)
<i>DDHD2</i>	54	1	0.59 (0.54, 0.64)
<i>DMXL2</i>	45	3	0.59 (0.54, 0.64)
<i>DCUN1D4</i>	48	2	0.59 (0.54, 0.64)
<i>CDH13</i>	291	3	0.59 (0.54, 0.64)
<i>NOL4L</i>	73	1	0.59 (0.54, 0.63)
<i>LOC101929698</i>	9	1	0.59 (0.54, 0.63)
<i>TNR</i>	82	1	0.59 (0.54, 0.63)
<i>NOL4</i>	88	1	0.59 (0.54, 0.63)
<i>UBE2E2</i>	72	2	0.59 (0.54, 0.63)
<i>ATP8A1</i>	53	2	0.58 (0.54, 0.63)
<i>FBXO33</i>	24	2	0.58 (0.54, 0.63)
<i>COL1A2</i>	30	3	0.58 (0.54, 0.63)
<i>TNFRSF10B</i>	40	1	0.58 (0.53, 0.63)
<i>WAC</i>	73	1	0.58 (0.53, 0.63)
<i>NDUFA9</i>	30	3	0.58 (0.54, 0.63)
<i>CTDSP2</i>	54	2	0.58 (0.53, 0.63)
<i>RTN4RL1</i>	97	1	0.58 (0.53, 0.63)
<i>TNFRSF11B</i>	24	1	0.58 (0.53, 0.63)
<i>PHACTR1</i>	144	1	0.58 (0.53, 0.63)
<i>MTCL1</i>	51	2	0.58 (0.53, 0.63)
<i>ELAVL4</i>	100	1	0.58 (0.53, 0.63)
<i>SRSF10</i>	26	1	0.58 (0.53, 0.62)
<i>FBXO34</i>	71	1	0.58 (0.53, 0.62)
<i>SUGCT</i>	64	1	0.58 (0.53, 0.62)
<i>TDRP</i>	23	1	0.58 (0.53, 0.62)
<i>TNFRSF10D</i>	27	2	0.58 (0.53, 0.62)
<i>CHFR</i>	96	1	0.58 (0.53, 0.63)
<i>FBXO36</i>	43	2	0.57 (0.53, 0.62)
<i>FSTL1</i>	37	1	0.57 (0.53, 0.62)
<i>C11orf67</i>	14	1	0.57 (0.52, 0.62)
<i>CHCHD6</i>	86	1	0.57 (0.52, 0.62)
<i>SLC16A9</i>	28	3	0.57 (0.52, 0.62)
<i>FBXO38</i>	40	1	0.57 (0.52, 0.62)
<i>TNFRSF19</i>	73	2	0.57 (0.52, 0.62)
<i>ACVR2A</i>	47	2	0.57 (0.52, 0.62)
<i>HMGB4</i>	21	1	0.57 (0.52, 0.61)
<i>CEP350</i>	35	2	0.57 (0.52, 0.61)
<i>RAP1B</i>	32	2	0.56 (0.52, 0.61)
<i>UNC80</i>	47	2	0.56 (0.52, 0.61)
<i>TSHZ3</i>	32	1	0.56 (0.51, 0.61)
<i>DNAI2</i>	39	2	0.56 (0.51, 0.61)
<i>MTNR1A</i>	29	1	0.56 (0.51, 0.61)

<i>LOC100130933</i>	13	1	0.56 (0.51, 0.61)
<i>ORC4</i>	16	1	0.56 (0.51, 0.61)
<i>ZFP91</i>	27	2	0.56 (0.51, 0.61)
<i>ALCAM</i>	73	1	0.56 (0.51, 0.61)
<i>RTN4RL2</i>	20	2	0.56 (0.51, 0.61)
<i>COL5A2</i>	41	1	0.56 (0.51, 0.61)
<i>TNFRSF11A</i>	40	1	0.56 (0.51, 0.6)
<i>RNU5E-1</i>	42	2	0.56 (0.51, 0.6)
<i>ZNF704</i>	54	3	0.56 (0.51, 0.6)
<i>MTNR1B</i>	19	1	0.56 (0.51, 0.61)
<i>FBXO32</i>	54	3	0.55 (0.5, 0.6)
<i>CTB-178M22.2</i>	4	1	0.55 (0.5, 0.6)
<i>CNTF</i>	9	2	0.55 (0.5, 0.6)
<i>ATF7IP2</i>	20	2	0.55 (0.5, 0.6)
<i>EIF2S1</i>	34	1	0.55 (0.5, 0.6)
<i>LOC101928417</i>	7	1	0.55 (0.5, 0.59)
<i>CACNA1C-IT2</i>	8	1	0.54 (0.49, 0.59)
<i>CACNA1C-AS4</i>	4	1	0.54 (0.49, 0.59)
<i>SRSF12</i>	4	1	0.53 (0.48, 0.58)
<i>TNFRSF10C</i>	24	1	0.53 (0.48, 0.58)
<i>LOC101928700</i>	3	1	0.5 (0.45, 0.55)

Supplementary Table S10: The overlap of 120 genes identified in the current study with eQTL and T2D-GWAS data

Num	islet eQTL	GWAS T2D
1	<i>AKAP3</i>	
2	<i>ATP8A1</i>	
3	<i>CDH13</i>	
4		<i>PTPRS</i>
5		<i>CUX2</i>
6	<i>DMXL2</i>	
7	<i>CHD6</i>	
8	<i>COL5A2</i>	
9	<i>WAC</i>	
10	<i>CHFR</i>	
11		<i>ERI3</i>
12	<i>WWOX</i>	
13		<i>TNFRSF11B</i>
14	<i>ZBTB20</i>	<i>ZBTB20</i>
15		<i>RTN4RL1</i>
16	<i>RTN4</i>	
17	<i>DCUN1D4</i>	
18	<i>TNFRSF1A</i>	
19		<i>CHCHD6</i>
20	<i>MTNR1B</i>	
21	<i>NRXN1</i>	
22	<i>UBE2E2</i>	
23		<i>MTNR1B</i>
24		<i>NRXN1</i>
25		<i>UBE2E2</i>
26		<i>POU2F1</i>
27		<i>TNRC6A</i>
28		<i>PTPRN2</i>

[illegible]

cg00000000	2.76E-01	1.28E-01	0.872	70.177	0.753	65.317	0.006	2.576	0.041	4.118	37	7	158.178.627	PTFRNF.PTFRNF.PTFRNF	Body/Body/Body
cg0474864	2.74E-01	1.27E-01	0.814	60.181	0.656	65.637	0.001	6.130	0.098	6.095	37	7	157.612.081	PTFRNF.PTFRNF.PTFRNF	Body/Body/Body
cg17016210	2.76E-01	1.28E-01	0.812	70.177	0.753	65.317	0.006	2.576	0.041	4.118	37	7	157.612.081	PTFRNF.PTFRNF.PTFRNF	Body/Body/Body
cg2003718	2.78E-01	1.28E-01	0.793	79.336	0.754	79.446	0.008	3.288	0.038	3.789	37	17	73.63.083	LOC10130933.RECOLS	3'UTR/Body
cg2003718	2.78E-01	1.28E-01	0.420	42.007	0.485	48.449	0.072	7.107	0.073	7.313	37	17	157.612.081	PTFRNF.PTFRNF.PTFRNF	Body/Body/Body
cg0391854	2.78E-01	1.28E-01	0.810	60.181	0.656	65.637	0.001	6.130	0.098	6.095	37	7	157.612.081	PTFRNF.PTFRNF.PTFRNF	Body/Body/Body
cg0895425	2.84E-01	1.29E-01	0.832	83.187	0.847	84.803	0.023	2.226	0.020	2.007	37	7	157.605.884	PTFRNF.PTFRNF.PTFRNF	Body/Body/Body
cg40702744	2.84E-01	1.29E-01	0.810	60.181	0.656	65.637	0.001	6.130	0.098	6.095	37	7	157.612.081	PTFRNF.PTFRNF.PTFRNF	Body/Body/Body
cg0810647	2.94E-01	1.31E-01	0.814	60.181	0.656	65.637	0.001	6.130	0.098	6.095	37	7	157.612.081	PTFRNF.PTFRNF.PTFRNF	Body/Body/Body
cg0810647	2.94E-01	1.31E-01	0.814	60.181	0.656	65.637	0.001	6.130	0.098	6.095	37	7	157.612.081	PTFRNF.PTFRNF.PTFRNF	Body/Body/Body
cg0810647	2.94E-01	1.31E-01	0.814	60.181	0.656	65.637	0.001	6.130	0.098	6.095	37	7	157.612.081	PTFRNF.PTFRNF.PTFRNF	Body/Body/Body
cg0810647	2.94E-01	1.31E-01	0.814	60.181	0.656	65.637	0.001	6.130	0.098	6.095	37	7	157.612.081	PTFRNF.PTFRNF.PTFRNF	Body/Body/Body
cg0810647	2.94E-01	1.31E-01	0.814	60.181	0.656	65.637	0.001	6.130	0.098	6.095	37	7	157.612.081	PTFRNF.PTFRNF.PTFRNF	Body/Body/Body
cg0810647	2.94E-01	1.31E-01	0.814	60.181	0.656	65.637	0.001	6.130	0.098	6.095	37	7	157.612.081	PTFRNF.PTFRNF.PTFRNF	Body/Body/Body
cg0810647	2.94E-01	1.31E-01	0.814	60.181	0.656	65.637	0.001	6.130	0.098	6.095	37	7	157.612.081	PTFRNF.PTFRNF.PTFRNF	Body/Body/Body
cg0810647	2.94E-01	1.31E-01	0.814	60.181	0.656	65.637	0.001	6.130	0.098	6.095	37	7	157.612.081	PTFRNF.PTFRNF.PTFRNF	Body/Body/Body
cg0810647	2.94E-01	1.31E-01	0.814	60.181	0.656	65.637	0.001	6.130	0.098	6.095	37	7	157.612.081	PTFRNF.PTFRNF.PTFRNF	Body/Body/Body
cg0810647	2.94E-01	1.31E-01	0.814	60.181	0.656	65.637	0.001	6.130	0.098	6.095	37	7	157.612.081	PTFRNF.PTFRNF.PTFRNF	Body/Body/Body
cg0810647	2.94E-01	1.31E-01	0.814	60.181	0.656	65.637	0.001	6.130	0.098	6.095	37	7	157.612.081	PTFRNF.PTFRNF.PTFRNF	Body/Body/Body
cg0810647	2.94E-01	1.31E-01	0.814	60.181	0.656	65.637	0.001	6.130	0.098	6.095	37	7	157.612.081	PTFRNF.PTFRNF.PTFRNF	Body/Body/Body
cg0810647	2.94E-01	1.31E-01	0.814	60.181	0.656	65.637	0.001	6.130	0.098	6.095	37	7	157.612.081	PTFRNF.PTFRNF.PTFRNF	Body/Body/Body
cg0810647	2.94E-01	1.31E-01	0.814	60.181	0.656	65.637	0.001	6.130	0.098	6.095	37	7	157.612.081	PTFRNF.PTFRNF.PTFRNF	Body/Body/Body
cg0810647	2.94E-01	1.31E-01	0.814	60.181	0.656	65.637	0.001	6.130	0.098	6.095	37	7	157.612.081	PTFRNF.PTFRNF.PTFRNF	Body/Body/Body
cg0810647	2.94E-01	1.31E-01	0.814	60.181	0.656	65.637	0.001	6.130	0.098	6.095	37	7	157.612.081	PTFRNF.PTFRNF.PTFRNF	Body/Body/Body
cg0810647	2.94E-01	1.31E-01	0.814	60.181	0.656	65.637	0.001	6.130	0.098	6.095	37	7	157.612.081	PTFRNF.PTFRNF.PTFRNF	Body/Body/Body
cg0810647	2.94E-01	1.31E-01	0.814	60.181	0.656	65.637	0.001	6.130	0.098	6.095	37	7	157.612.081	PTFRNF.PTFRNF.PTFRNF	Body/Body/Body
cg0810647	2.94E-01	1.31E-01	0.814	60.181	0.656	65.637	0.001	6.130	0.098	6.095	37	7	157.612.081	PTFRNF.PTFRNF.PTFRNF	Body/Body/Body
cg0810647	2.94E-01	1.31E-01	0.814	60.181	0.656	65.637	0.001	6.130	0.098	6.095	37	7	157.612.081	PTFRNF.PTFRNF.PTFRNF	Body/Body/Body
cg0810647	2.94E-01	1.31E-01	0.814	60.181	0.656	65.637	0.001	6.130	0.098	6.095	37	7	157.612.081	PTFRNF.PTFRNF.PTFRNF	Body/Body/Body
cg0810647	2.94E-01	1.31E-01	0.814	60.181	0.656	65.637	0.001	6.130	0.098	6.095	37	7	157.612.081	PTFRNF.PTFRNF.PTFRNF	Body/Body/Body
cg0810647	2.94E-01	1.31E-01	0.814	60.181	0.656	65.637	0.001	6.130	0.098	6.095	37	7	157.612.081	PTFRNF.PTFRNF.PTFRNF	Body/Body/Body
cg0810647	2.94E-01	1.31E-01	0.814	60.181	0.656	65.637	0.001	6.130	0.098	6.095	37	7	157.612.081	PTFRNF.PTFRNF.PTFRNF	Body/Body/Body
cg0810647	2.94E-01	1.31E-01	0.814	60.181	0.656	65.637	0.001	6.130	0.098	6.095	37	7	157.612.081	PTFRNF.PTFRNF.PTFRNF	Body/Body/Body
cg0810647	2.94E-01	1.31E-01	0.814	60.181	0.656	65.637	0.001	6.130	0.098	6.095	37	7	157.612.081	PTFRNF.PTFRNF.PTFRNF	Body/Body/Body
cg0810647	2.94E-01	1.31E-01	0.814	60.181	0.656	65.637	0.001	6.130	0.098	6.095	37	7	157.612.081	PTFRNF.PTFRNF.PTFRNF	Body/Body/Body
cg0810647	2.94E-01	1.31E-01	0.814	60.181	0.656	65.637	0.001	6.130	0.098	6.095	37	7	157.612.081	PTFRNF.PTFRNF.PTFRNF	Body/Body/Body
cg0810647	2.94E-01	1.31E-01	0.814	60.181	0.656	65.637	0.001	6.130	0.098	6.095	37	7	157.612.081	PTFRNF.PTFRNF.PTFRNF	Body/Body/Body
cg0810647	2.94E-01	1.31E-01	0.814	60.181	0.656	65.637	0.001	6.130	0.098	6.095	37	7	157.612.081	PTFRNF.PTFRNF.PTFRNF	Body/Body/Body
cg0810647	2.94E-01	1.31E-01	0.814	60.181	0.656	65.637	0.001	6.130	0.098	6.095	37	7	157.612.081	PTFRNF.PTFRNF.PTFRNF	Body/Body/Body
cg0810647	2.94E-01	1.31E-01	0.814	60.181	0.656	65.637	0.001	6.130	0.098	6.095	37	7	157.612.081	PTFRNF.PTFRNF.PTFRNF	Body/Body/Body
cg0810647	2.94E-01	1.31E-01	0.814	60.181	0.656	65.637	0.001	6.130	0.098	6.095	37	7	157.612.081	PTFRNF.PTFRNF.PTFRNF	Body/Body/Body
cg0810647	2.94E-01	1.31E-01	0.814	60.181	0.656	65.637	0.001	6.130	0.098	6.095	37	7	157.612.081	PTFRNF.PTFRNF.PTFRNF	Body/Body/Body
cg0810647	2.94E-01	1.31E-01	0.814	60.181	0.656	65.637	0.001	6.130	0.098	6.095	37	7	157.612.081	PTFRNF.PTFRNF.PTFRNF	Body/Body/Body
cg0810647	2.94E-01	1.31E-01	0.814	60.181	0.656	65.637	0.001	6.130	0.098	6.095	37	7	157.612.081	PTFRNF.PTFRNF.PTFRNF	Body/Body/Body
cg0810647	2.94E-01	1.31E-01	0.814	60.181	0.656	65.637	0.001	6.130	0.098	6.095	37	7	157.612.081	PTFRNF.PTFRNF.PTFRNF	Body/Body/Body
cg0810647	2.94E-01	1.31E-01	0.814	60.181	0.656	65.637	0.001	6.130	0.098	6.095	37	7	157.612.081	PTFRNF.PTFRNF.PTFRNF	Body/Body/Body
cg0810647	2.94E-01	1.31E-01	0.814	60.181	0.656	65.637	0.001	6.130	0.098	6.095	37	7	157.612.081	PTFRNF.PTFRNF.PTFRNF	Body/Body/Body
cg0810647	2.94E-01	1.31E-01	0.814	60.181	0.656	65.637	0.001	6.130	0.098	6.095	37	7	157.612.081	PTFRNF.PTFRNF.PTFRNF	Body/Body/Body
cg0810647	2.94E-01	1.31E-01	0.814	60.181	0.656	65.637	0.001	6.130	0.098	6.095	37	7	157.612.081	PTFRNF.PTFRNF.PTFRNF	Body/Body/Body
cg0810647	2.94E-01	1.31E-01	0.814	60.181	0.656	65.637	0.001	6.130	0.098	6.095	37	7	157.612.081	PTFRNF.PTFRNF.PTFRNF	Body/Body/Body
cg0810647	2.94E-01	1.31E-01	0.814	60.181	0.656	65.637	0.001	6.130	0.098	6.095	37	7	157.612.081	PTFRNF.PTFRNF.PTFRNF	Body/Body/Body
cg0810647	2.94E-01	1.31E-01	0.814	60.181	0.656	65.637	0.001	6.130	0.098	6.095	37	7	157.612.081	PTFRNF.PTFRNF.PTFRNF	Body/Body/Body
cg0810647	2.94E-01	1.31E-01	0.814	60.181	0.656	65.637	0.001	6.130	0.098	6.095	37	7	157.612.081	PTFRNF.PTFRNF.PTFRNF	Body/Body/Body
cg0810647	2.94E-01	1.31E-01	0.814	60.181	0.656	65.637	0.001	6.130	0.098	6.095	37	7	157.612.081	PTFRNF.PTFRNF.PTFRNF	Body/Body/Body
cg0810647	2.94E-01	1.31E-01	0.814	60.181	0.656	65.637	0.001	6.130	0.098	6.095	37	7	157.612.081	PTFRNF.PTFRNF.PTFRNF	Body/Body/Body
cg0810647	2.94E-01	1.31E-01	0.814	60.181	0.656	65.637	0.001	6.130	0.098	6.095	37	7	157.612.081	PTFRNF.PTFRNF.PTFRNF	Body/Body/Body
cg0810647	2.94E-01	1.31E-01	0.814	60.181	0.656	65.637	0.001	6.130	0.098	6.095	37	7	157.612.081	PTFRNF.PTFRNF.PTFRNF	Body/Body/Body
cg0810647	2.94E-01	1.31E-01	0.814	60.181	0.656	65.637	0.001	6.130	0.098	6.095	37	7	157.612.081	PTFRNF.PTFRNF.PTFRNF	Body/Body/Body
cg0810647	2.94E-01	1.31E-01	0.814	60.181	0.656	65.637	0.001	6.130	0.098	6.095	37	7	157.612.081	PTFRNF.PTFRNF.PTFRNF	Body/Body/Body
cg0810647	2.94E-01	1.31E-01	0.814	60.181	0.656	65.637	0.001	6.130	0.098	6.095	37	7	157.612.081	PTFRNF.PTFRNF.PTFRNF	Body/Body/Body
cg0810647	2.94E-01	1.31E-01	0.814	60.181	0.656	65.637	0.001	6.130	0.098	6.095	37	7	157.612.081	PTFRNF.PTFRNF.PTFRNF	Body/Body/Body
cg0810647	2.94E-01	1.31E-01	0.814	60.181	0.656	65.637	0.001	6.130	0.098	6.095	37	7	157.612.081	PTFRNF.PTFRNF.PTFRNF	Body/Body/Body
cg0810647	2.94E-01	1.31E-01	0.814	60.181	0.656	65.637	0.001	6.130	0.098	6.095	37	7	157.612.081	PTFRNF.PTFRNF.PTFRNF	Body/Body/Body
cg0810647	2.94E-01	1.31E-01	0.814	60.181	0.656	65.637	0.001	6.130	0.098	6.095	37	7	157.612.081	PTFRNF.PTFRNF.PTFRNF	Body/Body/Body
cg0810647	2.94E-01	1.31E-01	0.814	60.181	0.656	65.637	0.001	6.130	0.098	6.095	37	7	157.612.081	PTFRNF.PTFRNF.PTFRNF	Body/Body/Body
cg0810647	2.94E-01	1.31E-01	0.814	60.181	0.656	65.637	0.001	6.130	0.098	6.095	37	7	157.612.081	PTFRNF.PTFRNF.PTFRNF	Body/Body/Body
cg0810647	2.94E-01	1.31E-01	0.814	60.181	0.656	65.637	0.001	6.130	0.098	6.095	37	7	157.612.081	PTFRNF.PTFRNF.PTFRNF	Body/Body/Body
cg0810647	2.94E-01	1.31E-01	0.814	60.181	0.656	65.637	0.001	6.130	0.098	6.095	37	7	157.612.081	PTFRNF.PTFRNF.PTFRNF	Body/Body/Body
cg0810647	2.94E-01	1.31E-01	0.814	60.181	0.656	65.637	0.001	6.130	0.098	6.095	37	7			

[illegible]

000260340	3.61E-02	4.02E-01	0.805	80.476	0.832	83.204	0.042	4.226	0.025	2.450	37	7	158.107.728	PPFRGZ.PPFRGZ.PPFRGZ	Body
000260340	3.64E-02	4.04E-01	0.804	10.447	0.080	8.039	0.021	2.139	0.021	2.139	37	7	150.513.749	ELAVL4.ELAVL4	1stEon5UTR
000260340	3.64E-02	4.04E-01	0.804	12.710	0.080	8.238	0.027	2.346	0.027	2.346	37	7	150.513.749	CHNPA5	Body
000130748	3.66E-02	4.04E-01	0.828	82.278	0.846	84.581	0.024	2.991	0.024	2.991	7	3	157.474.965	PPFRGZ.PPFRGZ.PPFRGZ	Body
000247378	3.70E-02	4.06E-01	0.868	66.830	0.632	63.188	0.028	2.768	0.028	2.768	37	3	105.221.308	ALCAM	Body
000260391	3.71E-02	4.06E-01	0.828	82.033	0.815	82.033	0.028	2.987	0.028	2.987	37	3	157.384.035	PPFRGZ.PPFRGZ.PPFRGZ	Body
000169430	3.71E-02	4.06E-01	0.800	60.001	0.619	61.895	0.050	5.016	0.047	4.698	37	3	111.484.977	CBX01	Body
000260310	3.71E-02	4.07E-01	4.135	4.135	0.000	4.881	0.010	0.881	0.010	0.881	12	18	87.425.102	MAPLCCB.FBXO31	1stUTR.TSS100
000904120	3.73E-02	4.07E-01	0.052	8.213	0.008	5.771	0.016	0.933	0.012	1.199	37	3	87.417.818	FBXO31.FBXO31	TSS100Body
000260280	3.78E-02	4.07E-01	0.810	80.865	0.831	83.057	0.024	2.432	0.024	2.434	37	3	157.760.055	PPFRGZ.PPFRGZ.PPFRGZ	Body
000102176	3.77E-02	4.10E-01	0.762	67.671	0.708	69.815	0.086	8.911	0.086	8.911	37	3	37.303.114	MES2.MES2.MES2.MES2.MES2	Body
000102176	3.77E-02	4.10E-01	0.762	75.562	0.785	76.499	0.049	4.888	0.043	4.206	37	3	157.93.035	MES2.MES2.MES2.MES2.MES2	Body
000102176	3.77E-02	4.10E-01	0.762	75.562	0.785	76.499	0.049	4.888	0.043	4.206	37	3	157.93.035	MES2.MES2.MES2.MES2.MES2	Body
000102176	3.77E-02	4.10E-01	0.762	75.562	0.785	76.499	0.049	4.888	0.043	4.206	37	3	157.93.035	MES2.MES2.MES2.MES2.MES2	Body
000102176	3.77E-02	4.10E-01	0.762	75.562	0.785	76.499	0.049	4.888	0.043	4.206	37	3	157.93.035	MES2.MES2.MES2.MES2.MES2	Body
000102176	3.77E-02	4.10E-01	0.762	75.562	0.785	76.499	0.049	4.888	0.043	4.206	37	3	157.93.035	MES2.MES2.MES2.MES2.MES2	Body
000102176	3.77E-02	4.10E-01	0.762	75.562	0.785	76.499	0.049	4.888	0.043	4.206	37	3	157.93.035	MES2.MES2.MES2.MES2.MES2	Body
000102176	3.77E-02	4.10E-01	0.762	75.562	0.785	76.499	0.049	4.888	0.043	4.206	37	3	157.93.035	MES2.MES2.MES2.MES2.MES2	Body
000102176	3.77E-02	4.10E-01	0.762	75.562	0.785	76.499	0.049	4.888	0.043	4.206	37	3	157.93.035	MES2.MES2.MES2.MES2.MES2	Body
000102176	3.77E-02	4.10E-01	0.762	75.562	0.785	76.499	0.049	4.888	0.043	4.206	37	3	157.93.035	MES2.MES2.MES2.MES2.MES2	Body
000102176	3.77E-02	4.10E-01	0.762	75.562	0.785	76.499	0.049	4.888	0.043	4.206	37	3	157.93.035	MES2.MES2.MES2.MES2.MES2	Body
000102176	3.77E-02	4.10E-01	0.762	75.562	0.785	76.499	0.049	4.888	0.043	4.206	37	3	157.93.035	MES2.MES2.MES2.MES2.MES2	Body
000102176	3.77E-02	4.10E-01	0.762	75.562	0.785	76.499	0.049	4.888	0.043	4.206	37	3	157.93.035	MES2.MES2.MES2.MES2.MES2	Body
000102176	3.77E-02	4.10E-01	0.762	75.562	0.785	76.499	0.049	4.888	0.043	4.206	37	3	157.93.035	MES2.MES2.MES2.MES2.MES2	Body
000102176	3.77E-02	4.10E-01	0.762	75.562	0.785	76.499	0.049	4.888	0.043	4.206	37	3	157.93.035	MES2.MES2.MES2.MES2.MES2	Body
000102176	3.77E-02	4.10E-01	0.762	75.562	0.785	76.499	0.049	4.888	0.043	4.206	37	3	157.93.035	MES2.MES2.MES2.MES2.MES2	Body
000102176	3.77E-02	4.10E-01	0.762	75.562	0.785	76.499	0.049	4.888	0.043	4.206	37	3	157.93.035	MES2.MES2.MES2.MES2.MES2	Body
000102176	3.77E-02	4.10E-01	0.762	75.562	0.785	76.499	0.049	4.888	0.043	4.206	37	3	157.93.035	MES2.MES2.MES2.MES2.MES2	Body
000102176	3.77E-02	4.10E-01	0.762	75.562	0.785	76.499	0.049	4.888	0.043	4.206	37	3	157.93.035	MES2.MES2.MES2.MES2.MES2	Body
000102176	3.77E-02	4.10E-01	0.762	75.562	0.785	76.499	0.049	4.888	0.043	4.206	37	3	157.93.035	MES2.MES2.MES2.MES2.MES2	Body
000102176	3.77E-02	4.10E-01	0.762	75.562	0.785	76.499	0.049	4.888	0.043	4.206	37	3	157.93.035	MES2.MES2.MES2.MES2.MES2	Body
000102176	3.77E-02	4.10E-01	0.762	75.562	0.785	76.499	0.049	4.888	0.043	4.206	37	3	157.93.035	MES2.MES2.MES2.MES2.MES2	Body
000102176	3.77E-02	4.10E-01	0.762	75.562	0.785	76.499	0.049	4.888	0.043	4.206	37	3	157.93.035	MES2.MES2.MES2.MES2.MES2	Body
000102176	3.77E-02	4.10E-01	0.762	75.562	0.785	76.499	0.049	4.888	0.043	4.206	37	3	157.93.035	MES2.MES2.MES2.MES2.MES2	Body
000102176	3.77E-02	4.10E-01	0.762	75.562	0.785	76.499	0.049	4.888	0.043	4.206	37	3	157.93.035	MES2.MES2.MES2.MES2.MES2	Body
000102176	3.77E-02	4.10E-01	0.762	75.562	0.785	76.499	0.049	4.888	0.043	4.206	37	3	157.93.035	MES2.MES2.MES2.MES2.MES2	Body
000102176	3.77E-02	4.10E-01	0.762	75.562	0.785	76.499	0.049	4.888	0.043	4.206	37	3	157.93.035	MES2.MES2.MES2.MES2.MES2	Body
000102176	3.77E-02	4.10E-01	0.762	75.562	0.785	76.499	0.049	4.888	0.043	4.206	37	3	157.93.035	MES2.MES2.MES2.MES2.MES2	Body
000102176	3.77E-02	4.10E-01	0.762	75.562	0.785	76.499	0.049	4.888	0.043	4.206	37	3	157.93.035	MES2.MES2.MES2.MES2.MES2	Body
000102176	3.77E-02	4.10E-01	0.762	75.562	0.785	76.499	0.049	4.888	0.043	4.206	37	3	157.93.035	MES2.MES2.MES2.MES2.MES2	Body
000102176	3.77E-02	4.10E-01	0.762	75.562	0.785	76.499	0.049	4.888	0.043	4.206	37	3	157.93.035	MES2.MES2.MES2.MES2.MES2	Body
000102176	3.77E-02	4.10E-01	0.762	75.562	0.785	76.499	0.049	4.888	0.043	4.206	37	3	157.93.035	MES2.MES2.MES2.MES2.MES2	Body
000102176	3.77E-02	4.10E-01	0.762	75.562	0.785	76.499	0.049	4.888	0.043	4.206	37	3	157.93.035	MES2.MES2.MES2.MES2.MES2	Body
000102176	3.77E-02	4.10E-01	0.762	75.562	0.785	76.499	0.049	4.888	0.043	4.206	37	3	157.93.035	MES2.MES2.MES2.MES2.MES2	Body
000102176	3.77E-02	4.10E-01	0.762	75.562	0.785	76.499	0.049	4.888	0.043	4.206	37	3	157.93.035	MES2.MES2.MES2.MES2.MES2	Body
000102176	3.77E-02	4.10E-01	0.762	75.562	0.785	76.499	0.049	4.888	0.043	4.206	37	3	157.93.035	MES2.MES2.MES2.MES2.MES2	Body
000102176	3.77E-02	4.10E-01	0.762	75.562	0.785	76.499	0.049	4.888	0.043	4.206	37	3	157.93.035	MES2.MES2.MES2.MES2.MES2	Body
000102176	3.77E-02	4.10E-01	0.762	75.562	0.785	76.499	0.049	4.888	0.043	4.206	37	3	157.93.035	MES2.MES2.MES2.MES2.MES2	Body
000102176	3.77E-02	4.10E-01	0.762	75.562	0.785	76.499	0.049	4.888	0.043	4.206	37	3	157.93.035	MES2.MES2.MES2.MES2.MES2	Body
000102176	3.77E-02	4.10E-01	0.762	75.562	0.785	76.499	0.049	4.888	0.043	4.206	37	3	157.93.035	MES2.MES2.MES2.MES2.MES2	Body
000102176	3.77E-02	4.10E-01	0.762	75.562	0.785	76.499	0.049	4.888	0.043	4.206	37	3	157.93.035	MES2.MES2.MES2.MES2.MES2	Body
000102176	3.77E-02	4.10E-01	0.762	75.562	0.785	76.499	0.049	4.888	0.043	4.206	37	3	157.93.035	MES2.MES2.MES2.MES2.MES2	Body
000102176	3.77E-02	4.10E-01	0.762	75.562	0.785	76.499	0.049	4.888	0.043	4.206	37	3	157.93.035	MES2.MES2.MES2.MES2.MES2	Body
000102176	3.77E-02	4.10E-01	0.762	75.562	0.785	76.499	0.049	4.888	0.043	4.206	37	3	157.93.035	MES2.MES2.MES2.MES2.MES2	Body
000102176	3.77E-02	4.10E-01	0.762	75.562	0.785	76.499	0.049	4.888	0.043	4.206	37	3	157.93.035	MES2.MES2.MES2.MES2.MES2	Body
000102176	3.77E-02	4.10E-01	0.762	75.562	0.785	76.499	0.049	4.888	0.043	4.206	37	3	157.93.035	MES2.MES2.MES2.MES2.MES2	Body
000102176	3.77E-02	4.10E-01	0.762	75.562	0.785	76.499	0.049	4.888	0.043	4.206	37	3	157.93.035	MES2.MES2.MES2.MES2.MES2	Body
000102176	3.77E-02	4.10E-01	0.762	75.562	0.785	76.499	0.049	4.888	0.043	4.206	37	3	157.93.035	MES2.MES2.MES2.MES2.MES2	Body
000102176	3.77E-02	4.10E-01	0.762	75.562	0.785	76.499	0.049	4.888	0.043	4.206	37	3	157.93.035	MES2.MES2.MES2.MES2.MES2	Body
000102176	3.77E-02	4.10E-01	0.762	75.562	0.785	76.499	0.049	4.888	0.043	4.206	37	3	157.93.035	MES2.MES2.MES2.MES2.MES2	Body
000102176	3.77E-02	4.10E-01	0.762	75.562	0.785	76.499	0.049	4.888	0.043	4.206	37	3	157.93.035	MES2.MES2.MES2.MES2.MES2	Body
000102176	3.77E-02	4.10E-01	0.762	75.562	0.785	76.499	0.049	4.888	0.043	4.206	37	3	157.93.035	MES2.MES2.MES2.MES2.MES2	Body
000102176	3.77E-02	4.10E-01	0.762	75.562	0.785	76.499	0.049	4.888	0.043	4.206	37	3	157.93.035	MES2.MES2.MES2.MES2.MES2	Body
000102176	3.77E-02	4.10E-01	0.762	75.562	0.785	76.499	0.049	4.888	0.043	4.206	37	3	157.93.035	MES2.MES2.MES2.MES2.MES2	Body
000102176	3.77E-02	4.10E-01	0.762	75.562	0.785	76.499	0.049	4.888	0.043	4.206	37	3	157.93.035	MES2.MES2.MES2.MES2.MES2	Body
000102176	3.77E-02	4.10E-01	0.762	75.562	0.785	76.499	0.049	4.888	0.043	4.206	37	3	157.93.035	MES2.MES2.MES2.MES2.MES2	Body
000102176	3.77E-02	4.10E-01	0.762	75.562	0.785	76.499	0.049	4.888	0.043	4.206	37	3	157.93.035	MES2.MES2.MES2.MES2.MES2	Body
000102176	3.77E-02	4.10E-01	0.762	75.562	0.785	76.499	0.049	4.888	0.043	4.206	37	3	157.93.035	MES2.MES2.MES2.MES2.MES2	Body
000102176	3.77E-02	4.10E-01	0.762	75.562	0.785	76.499	0.049	4.888	0.043	4.206	37	3	157.93.035	MES2.MES2.MES2.MES2.MES2	Body
000102176	3.77E-02	4.10E-01	0.762	75.											

Supplementary Table S2: Overlap of differentially expressed transcript aligned probes with Ben-Hochberg correction and differentially methylated QSS sites in data of CP compared to CR without taking in consideration of human conservation (see Figure 6).

Chromosome	Position	Strand	QSS	unadjusted p	adj p-value	Delta CR	Methylation CR in %	Delta CP	Methylation CP in %	adj ADR	adj ADR	SDM CR in %	adj ADR	adj ADR	SDM CP in %	Delta	Delta	Human conservation	QSS local cat	Delta cat local cat	Gene symbol	Gene ID	Locus	Tracking ID	Mean FPKM CR	Mean FPKM CP	adj DR	adj DR	FC	unadjusted p	adj p-value	Delta pri on
chr1	5,364,941	+	QSS	0.0036	0.0037	0.602	50.237	0.346	50.605	0.356	10.446	4.759	0.165	10.257	0.351	-0.306	0.001	0.7	S Share	Interact 1/4	AluJb1	ENRNOG0000000000	chr11:1050049-1050708	ENRNOG0000000000	1.166	0.795	0.240	0.206	1.507	0.0007	0.0009	African 1A transposon, transcribed 5' strand, 11 [Source MGI: MGI:109486]
chr1	13,300,020	+	QSS	0.0041	0.0041	0.907	16.867	0.607	16.867	0.607	19.441	3.932	0.363	19.334	3.645	0.500	0.000	0.7	Open Sea	Interact 1/21	Novad	ENRNOG0000000000	chr11:1070101-1070483	ENRNOG0000000000	7.166	5.061	0.560	0.603	-1.496	0.0006	0.0004	nuclear receptor co-repressor 1 [Source MGI: MGI:107000]
chr1	13,300,200	+	QSS	0.0077	0.0133	0.436	45.000	0.703	70.270	0.369	26.849	5.374	0.160	19.207	3.641	0.267	0.040	0.6	Open Sea	Interact 1/21	Novad	ENRNOG0000000000	chr11:1070101-1070483	ENRNOG0000000000	7.166	5.061	0.560	0.603	-1.496	0.0006	0.0004	nuclear receptor co-repressor 1 [Source MGI: MGI:107000]
chr1	13,300,260	+	QSS	0.0082	0.0107	0.520	50.000	0.703	70.240	0.580	6.952	1.700	0.146	14.805	3.641	0.203	0.040	0.6	Open Sea	Interact 1/21	Novad	ENRNOG0000000000	chr11:1070101-1070483	ENRNOG0000000000	7.166	5.061	0.560	0.603	-1.496	0.0006	0.0004	nuclear receptor co-repressor 1 [Source MGI: MGI:107000]
chr1	15,052,260	+	QSS	0.0033	0.0034	0.217	21.750	0.510	51.610	0.110	11.026	2.385	0.191	10.913	3.615	0.280	0.074	14	Open Sea	Interact 2/5	JRS	ENRNOG0000000000	chr11:1070101-1070483	ENRNOG0000000000	1.111	3.007	0.166	0.075	2.706	0.002	0.070	polyoma virus 12 [Source MGI: MGI:104000]
chr1	36,914,960	+	QSS	0.0008	0.0000	0.600	60.000	0.306	30.760	0.167	16.447	3.333	0.231	20.039	4.000	-0.200	-0.200	---	Open Sea	Interact 1/40	Novad137	ENRNOG0000000000	chr11:3720402-3740000	ENRNOG0000000000	12.406	9.207	0.340	0.743	-1.323	0.003	0.040	transmembrane protein 137 [Source MGI: MGI:107010]
chr1	37,280,510	+	QSS	0.0051	0.0113	0.706	76.471	0.475	47.000	0.130	12.210	2.442	0.130	12.946	2.599	-0.200	-0.200	0.6	N Share	TSS 1000	Topolys	ENRNOG0000000010	chr11:3720402-3740000	ENRNOG0000000000	22.121	15.620	1.615	3.138	-1.623	0.007	0.070	histidyl polyphosphatase 4-phosphatase, type 1 [Source MGI: MGI:109110]
chr1	37,284,020	+	QSS	0.0008	0.0008	0.717	71.717	0.862	86.207	0.126	12.510	2.706	0.091	9.001	1.618	0.140	14.460	0.7	Open Sea	Interact 2/7	Topolys	ENRNOG0000000010	chr11:3720402-3740000	ENRNOG0000000000	4.165	2.151	0.257	0.641	-1.506	0.010	0.001	hepatitis 10 [Source MGI: MGI:109000]
chr1	37,281,460	+	QSS	0.0190	0.1716	0.605	65.017	0.303	30.204	0.201	20.100	4.021	0.240	24.004	4.601	-0.300	-0.200	14	N Share	Interact 1/7	Topolys	ENRNOG0000000010	chr11:3720402-3740000	ENRNOG0000000000	4.165	2.151	0.257	0.641	-1.506	0.010	0.001	hepatitis 10 [Source MGI: MGI:109000]
chr1	43,717,810	+	QSS	0.0044	0.4106	0.889	88.889	0.772	77.174	0.065	6.451	1.290	0.069	8.881	1.776	-0.117	-11.716	---	Open Sea	Interact 1/14	Unat	ENRNOG0000000020	chr11:4216011-4267741	ENRNOG0000000000	4.504	6.720	0.526	0.727	1.445	0.010	0.005	UDP-glucuronate deacetylase 1 [Source MGI: MGI:109510]
chr1	43,717,820	+	QSS	0.0041	0.3078	0.682	68.217	0.704	70.235	0.053	5.205	1.051	0.058	8.627	0.545	0.110	11.100	---	Open Sea	Interact 1/14	Unat	ENRNOG0000000020	chr11:4216011-4267741	ENRNOG0000000000	4.504	6.720	0.526	0.727	1.445	0.010	0.005	UDP-glucuronate deacetylase 1 [Source MGI: MGI:109510]
chr1	43,718,720	+	QSS	0.0059	0.1714	0.606	60.581	0.700	70.210	0.059	5.822	1.170	0.062	6.110	1.224	0.167	16.700	---	Open Sea	Interact 1/14	Unat	ENRNOG0000000020	chr11:4216011-4267741	ENRNOG0000000000	4.504	6.720	0.526	0.727	1.445	0.010	0.005	UDP-glucuronate deacetylase 1 [Source MGI: MGI:109510]
chr1	58,582,440	+	QSS	0.0030	0.3860	0.887	89.744	0.667	66.607	0.083	8.341	1.448	0.183	19.333	3.884	-0.201	-0.200	---	Open Sea	Interact 2/2	NAL3A	ENRNOG0000000030	chr11:5858000-5858004	ENRNOG0000000000	46.962	64.251	2.623	5.004	1.309	0.005	0.003	NADH dehydrogenase (ubiquinone), 1 subunit 3 [Source MGI: MGI:109100]
chr1	60,948,160	+	QSS	0.0002	0.0000	0.704	70.370	0.403	40.308	0.387	38.710	7.147	0.166	16.563	3.317	-0.200	-0.200	0.5	Open Sea	Interact 1/60	Unat	ENRNOG0000000040	chr11:6094800-6094804	ENRNOG0000000000	10.321	6.944	0.729	1.372	-1.008	0.003	0.000	urocortin 3 [Source MGI: MGI:109500]
chr1	60,948,660	+	QSS	0.0003	0.0004	0.609	60.807	0.805	80.464	0.210	21.187	4.237	0.154	16.413	2.083	0.208	20.627	---	Open Sea	Interact 2/5	Unat	ENRNOG0000000040	chr11:6094800-6094804	ENRNOG0000000000	7.248	4.008	0.620	1.403	-1.796	0.004	0.004	urocortin 3 [Source MGI: MGI:109500]
chr1	60,948,660	+	QSS	0.0003	0.0004	0.609	60.807	0.805	80.464	0.210	21.187	4.237	0.154	16.413	2.083	0.208	20.627	---	Open Sea	Interact 1/60	Unat	ENRNOG0000000040	chr11:6094800-6094804	ENRNOG0000000000	7.248	4.008	0.620	1.403	-1.796	0.004	0.004	urocortin 3 [Source MGI: MGI:109500]
chr1	60,948,660	+	QSS	0.0003	0.0004	0.609	60.807	0.805	80.464	0.210	21.187	4.237	0.154	16.413	2.083	0.208	20.627	---	Open Sea	Interact 1/60	Unat	ENRNOG0000000040	chr11:6094800-6094804	ENRNOG0000000000	7.248	4.008	0.620	1.403	-1.796	0.004	0.004	urocortin 3 [Source MGI: MGI:109500]
chr1	60,948,760	+	QSS	0.0051	0.1121	0.440	44.000	0.760	76.160	0.202	20.200	5.040	0.156	16.502	3.140	0.302	30.160	7.7	N Share	Interact 2/2	Unat	ENRNOG0000000040	chr11:6094800-6094804	ENRNOG0000000000	7.248	4.008	0.620	1.403	-1.796	0.004	0.004	urocortin 3 [Source MGI: MGI:109500]
chr1	60,948,760	+	QSS	0.0051	0.1121	0.440	44.000	0.760	76.160	0.202	20.200	5.040	0.156	16.502	3.140	0.302	30.160	7.7	N Share	Check manually	Unat	ENRNOG0000000040	chr11:6094800-6094804	ENRNOG0000000000	7.248	4.008	0.620	1.403	-1.796	0.004	0.004	urocortin 3 [Source MGI: MGI:109500]
chr1	76,948,060	+	QSS	0.0077	0.0003	0.610	60.076	0.803	80.330	0.260	26.190	5.100	0.141	17.141	3.029	0.204	20.260	14	Open Sea	Interact 1/10	Novad	ENRNOG0000000050	chr11:7694800-7694804	ENRNOG0000000000	1.051	2.013	0.677	0.608	1.943	0.002	0.002	phenylethanolamine N-methyltransferase 1 [Source MGI: MGI:104000]
chr1	82,126,060	+	QSS	0.0044	0.0007	0.406	40.626	0.700	70.471	0.246	24.411	4.022	0.140	14.018	3.004	0.308	30.860	10	Open Sea	Interact 5/6	Novad	ENRNOG0000000060	chr11:8212600-8212604	ENRNOG0000000000	12.015	9.713	0.774	1.044	-1.237	0.004	0.000	phosphatidylcholine transferase 1 [Source MGI: MGI:109410]
chr1	82,121,167	+	QSS	0.0036	0.0044	0.607	60.714	0.760	76.947	0.278	27.838	5.164	0.151	17.111	3.432	0.162	16.200	---	Open Sea	Interact 6/7	Gen 0504	ENRNOG0000000070	chr11:8212600-8212604	ENRNOG0000000000	2.057	1.914	0.218	0.323	-1.386	0.004	0.010	proteoglycan 4 [Source MGI: MGI:109100]
chr1	82,129,960	+	QSS	0.0036	0.0044	0.607	60.714	0.760	76.947	0.278	27.838	5.164	0.151	17.111	3.432	0.162	16.200	---	Open Sea	Interact 6/7	Gen 0504	ENRNOG0000000070	chr11:8212600-8212604	ENRNOG0000000000	2.057	1.914	0.218	0.323	-1.386	0.004	0.010	proteoglycan 4 [Source MGI: MGI:109100]
chr1	130,124,440	+	QSS	0.0004	0.1617	0.214	27.419	0.514	51.428	0.166	16.311	3.214	0.260	26.026	4.005	0.240	24.000	74	N Share	Interact 3/5	Novad	ENRNOG0000000080	chr11:1301240-1301244	ENRNOG0000000000	6.071	4.244	0.866	1.027	-1.036	0.004	0.000	6-phosphogluconate 3-epimerase 2 [Source MGI: MGI:109100]
chr1	132,948,200	+	QSS	0.0067	0.0033	0.303	30.700	0.710	70.910	0.303	30.219	4.444	0.262	26.171	5.025	0.246	24.607	0.7	Open Sea	Interact 1/21	Novad	ENRNOG0000000090	chr11:1329480-1329484	ENRNOG0000000000	9.360	8.208	0.403	0.616	-1.212	0.005	0.006	Shp 2 binding, cytosolic isoform of SHP2 domain factor 1 [Source MGI: MGI:109500]
chr1	132,948,200	+	QSS	0.0067	0.0033	0.303	30.700	0.710	70.910	0.303	30.219	4.444	0.262	26.171	5.025	0.246	24.607	0.7	Open Sea	Interact 1/21	Novad	ENRNOG0000000090	chr11:1329480-1329484	ENRNOG0000000000	9.360	8.208	0.403	0.616	-1.212	0.005	0.006	Shp 2 binding, cytosolic isoform of SHP2 domain factor 1 [Source MGI: MGI:109500]
chr1	132,948,200	+	QSS	0.0067	0.0033	0.303	30.700	0.710	70.910	0.303	30.219	4.444	0.262	26.171	5.025	0.246	24.607	0.7	Open Sea	Interact 1/21	Novad	ENRNOG0000000090	chr11:1329480-1329484	ENRNOG0000000000	9.360	8.208	0.403	0.616	-1.212	0.005	0.006	Shp 2 binding, cytosolic isoform of SHP2 domain factor 1 [Source MGI: MGI:109500]
chr1	132,948,200	+	QSS	0.0067	0.0033	0.303	30.700	0.710	70.910	0.303	30.219	4.444	0.262	26.171	5.025	0.246	24.607	0.7	Open Sea	Interact 1/21	Novad	ENRNOG0000000090	chr11:1329480-1329484	ENRNOG0000000000	9.360	8.208	0.403	0.616	-1.212	0.005	0.006	Shp 2 binding, cytosolic isoform of SHP2 domain factor 1 [Source MGI: MGI:109500]
chr1	132,948,200	+	QSS	0.0067	0.0033	0.303	30.700	0.710	70.910	0.303	30.219	4.444	0.262	26.171	5.025	0.246	24.607	0.7	Open Sea	Interact 1/21	Novad	ENRNOG0000000090	chr11:1329480-1329484	ENRNOG0000000000	9.360	8.208	0.403	0.616	-1.212	0.005	0.006	Shp 2 binding, cytosolic isoform of SHP2 domain factor 1 [Source MGI: MGI:109500]
chr1	132,948,200	+	QSS	0.0067	0.0033	0.303	30.700	0.710	70.910	0.303	30.219	4.444	0.262	26.171	5.025	0.246	24.607	0.7	Open Sea	Interact 1/21	Novad	ENRNOG0000000090	chr11:1329480-1329484	ENRNOG0000000000	9.360	8.208	0.403	0.616	-1.212	0.005	0.006	Shp 2 binding, cytosolic isoform of SHP2 domain factor 1 [Source MGI: MGI:109500]
chr1	132,948,200	+	QSS	0.0067	0.0033	0.303	30.700	0.710	70.910	0.303	30.219	4.444	0.262	26.171	5.025	0.246	24.607	0.7	Open Sea	Interact 1/21	Novad	ENRNOG0000000090	chr11:1329480-1329484	ENRNOG0000000000	9.360	8.208	0.403	0.616	-1.212	0.005	0.006	Shp 2 binding, cytosolic isoform of SHP2 domain factor 1 [Source MGI: MGI:109500]
chr1	132,948,200	+	QSS	0.0067	0.0033	0.303	30.700	0.710	70.910	0.303	30.219	4.444	0.262	26.171	5.025	0.246	24.607	0.7	Open Sea	Interact 1/21	Novad	ENRNOG0000										

chr11	74,411,729	+	CG	0.0421	0.0074	0.839	83.871	0.542	54.107	0.211	21.063	4.213	0.362	38.231	7.146	-0.207	-28.794	---	Open Sea	Interact 14/24	RefSeq1	ENM1JG51000000807	chr11:74082025-7408186	ENM1JG51000001021	26.601	15.848	5.333	6.221	-1.886	0.0053	0.0075	BNP1 G'Wash including protein 2 [Source MGI; Synthesized MGI; 3008262]
chr11	74,430,680	+	CG	0.0402	0.0584	0.384	26.356	0.802	66.216	0.337	33.721	4.746	0.173	17.309	3.442	0.279	27.803	---	Open Sea	Interact 8/24	RefSeq1	ENM1JG51000000807	chr11:74082025-7408186	ENM1JG51000001021	26.601	15.848	5.333	6.221	-1.886	0.0053	0.0075	BNP1 G'Wash including protein 2 [Source MGI; Synthesized MGI; 3008262]
chr11	74,430,140	+	CG	0.0401	0.0583	0.227	22.727	0.503	34.269	0.349	34.028	4.166	0.254	23.418	4.484	0.235	35.523	---	Open Sea	Interact 8/24	RefSeq1	ENM1JG51000000807	chr11:74082025-7408186	ENM1JG51000001021	26.601	15.848	5.333	6.221	-1.886	0.0053	0.0075	BNP1 G'Wash including protein 2 [Source MGI; Synthesized MGI; 3008262]
chr11	74,432,723	+	CG	0.0086	0.0080	0.235	23.529	0.581	59.041	0.260	19.162	3.146	0.285	28.519	5.154	0.266	35.561	Check manually	Open Sea	Interact 2/24	RefSeq1	ENM1JG51000000807	chr11:74082025-7408186	ENM1JG51000001021	26.601	15.848	5.333	6.221	-1.886	0.0053	0.0075	BNP1 G'Wash including protein 2 [Source MGI; Synthesized MGI; 3008262]
chr11	74,870,626	+	CG	0.0401	0.004	0.875	87.507	0.652	65.217	0.452	42.160	4.138	0.368	38.644	7.169	-0.223	-28.263	---	Open Sea	Interact 2/23	Splice2	ENM1JG51000000801	chr11:74084025-7408180	ENM1JG51000000799	4.309	2.808	0.528	0.654	-1.525	0.0047	0.0051	sm G' protein signaling module 2 [Source MGI; Synthesized MGI; 2144602]
chr11	75,574,685	+	CG	0.0086	0.1070	0.435	43.503	0.645	64.580	0.145	14.533	2.407	0.087	5.735	1.145	0.230	22.030	-A	Open Sea	Interact 57/57	Ref 1	ENM1JG51000000274	chr11:75588405-7558412	ENM1JG51000000735	4.580	3.809	0.243	0.303	-1.199	0.0036	0.0763	neurofilament 1 [Source MGI; Synthesized MGI; 37506]
chr11	75,574,685	+	CG	0.0086	0.1070	0.435	43.503	0.645	64.580	0.145	14.533	2.407	0.087	5.735	1.145	0.230	22.030	-A	Open Sea	Interact 19/17	Ref 1	ENM1JG51000000274	chr11:75588405-7558412	ENM1JG51000000737	2.210	1.641	0.119	0.264	-1.347	0.0035	0.0886	neurofilament 1 [Source MGI; Synthesized MGI; 37506]
chr11	84,585,550	+	CG	0.0011	0.0011	0.182	18.182	0.550	55.000	0.375	37.502	7.000	0.182	18.203	3.441	0.368	36.918	TC	Open Sea	Interact 1/25	Splice1	ENM1JG51000000803	chr11:84584025-8458180	ENM1JG51000000168	4.427	2.054	0.240	0.309	-2.105	0.0051	0.0346	src family associated antigen 9 [Source MGI; Synthesized MGI; 1189844]
chr11	86,583,140	+	CG	0.0052	0.0052	0.871	87.087	0.638	63.636	0.085	5.121	1.054	0.362	36.119	7.236	-0.225	-28.463	---	Open Sea	Interact 2/11	Splice1	ENM1JG51000000803	chr11:84584025-8458180	ENM1JG51000000168	34.335	17.870	2.750	3.771	-1.501	0.0051	0.0061	src family associated antigen 9 [Source MGI; Synthesized MGI; 1189844]
chr11	87,275,894	+	CG	0.0040	0.0031	0.550	55.000	0.804	80.353	0.307	30.693	4.139	0.211	21.139	4.238	0.334	33.353	---	Open Sea	Interact 19/22	Splice1	ENM1JG51000000441	chr11:87275893-8728038	ENM1JG51000000140	36.435	20.446	1.400	2.711	-1.283	0.0046	0.0030	neurofilament 1 [Source MGI; Synthesized MGI; 1193358]
chr11	87,275,393	+	CG	0.0041	0.0044	0.472	47.222	0.646	64.615	0.244	24.364	4.873	0.079	7.162	1.152	0.174	17.303	CS: meeting	Open Sea	Interact 1/22	Splice1	ENM1JG51000000441	chr11:87275893-8728038	ENM1JG51000000140	36.435	20.446	1.400	2.711	-1.283	0.0046	0.0030	neurofilament 1 [Source MGI; Synthesized MGI; 1193358]
chr11	88,006,860	+	CG	0.0039	0.0033	0.308	30.834	0.500	50.000	0.175	17.536	3.107	0.300	30.021	4.456	0.280	28.167	CA	Open Sea	Interact 19/26	Splice1	ENM1JG51000000441	chr11:88004025-8800180	ENM1JG51000000021	1.082	3.220	0.333	0.305	3.001	0.0051	0.0349	topoisomerase (DNA II) alpha [Source MGI; Synthesized MGI; 18706]
chr11	105,701,142	+	CG	0.0027	0.0024	0.362	36.104	0.517	51.607	0.117	11.708	2.342	0.100	11.669	2.384	0.255	25.513	CA	S: Shore	Interact 1/25	Splice1	ENM1JG51000000340	chr11:10559805-1055924	ENM1JG51000000333	4.973	3.620	0.361	0.642	-1.374	0.0057	0.0065	fat rat adipocyte protein 1 [Source MGI; Synthesized MGI; 2444021]
chr11	105,702,165	+	CG	0.0032	0.0033	0.444	44.361	0.639	63.909	0.289	28.946	5.199	0.079	7.756	1.151	0.165	16.546	---	Open Sea	Interact 2/25	Splice1	ENM1JG51000000340	chr11:10559805-1055924	ENM1JG51000000333	4.973	3.620	0.361	0.642	-1.374	0.0057	0.0065	fat rat adipocyte protein 1 [Source MGI; Synthesized MGI; 2444021]
chr11	105,721,871	+	CG	0.0029	0.0035	0.330	33.373	0.513	51.309	0.114	11.427	2.287	0.172	17.210	2.442	0.163	16.366	IC	Open Sea	Interact 4/25	Splice1	ENM1JG51000000340	chr11:10559805-1055924	ENM1JG51000000333	4.973	3.620	0.361	0.642	-1.374	0.0057	0.0065	fat rat adipocyte protein 1 [Source MGI; Synthesized MGI; 2444021]
chr11	105,815,389	+	CG	0.0100	0.0100	0.500	50.000	0.846	84.615	0.185	18.486	3.897	0.211	21.095	4.239	0.346	34.615	---	Open Sea	Interact 8/25	Splice1	ENM1JG51000000340	chr11:10559805-1055924	ENM1JG51000000333	4.973	3.620	0.361	0.642	-1.374	0.0057	0.0065	fat rat adipocyte protein 1 [Source MGI; Synthesized MGI; 2444021]
chr11	116,363,652	+	CG	0.0408	0.0037	0.759	75.862	0.583	58.333	0.347	34.714	4.143	0.268	26.845	4.148	-0.15	-17.535	---	Open Sea	Interact 2/18	Ref 107	ENM1JG51000000340	chr11:11636362-11641304	ENM1JG51000000332	4.425	2.153	0.504	0.718	-2.033	0.0036	0.0564	ring finger protein 107 [Source MGI; Synthesized MGI; 2444046]
chr11	117,168,140	+	CG	0.0425	0.1029	0.640	64.000	0.367	36.687	0.362	36.247	5.149	0.276	27.624	5.125	-0.273	-27.333	---	N: Shore	TSB: 1000	RefSeq1	ENM1JG51000000776	chr11:11716812-11715732	ENM1JG51000000187	0.516	2.447	0.246	0.800	4.744	0.0042	0.0062	hazardous 1 RP repeat-containing 5 [Source MGI; Synthesized MGI; 1003071]
chr12	3,424,350	+	CG	0.0408	0.0486	0.300	24.000	0.577	57.682	0.132	13.235	2.447	0.264	26.345	5.125	0.307	37.682	---	Open Sea	Interact 1/11	RefSeq1	ENM1JG51000000746	chr12:340888-3408180	ENM1JG51000000125	6.504	4.580	0.795	0.277	-1.376	0.0055	0.0066	midkine-like protein 2, 11 [Source MGI; Synthesized MGI; 1003052]
chr12	21,388,225	+	CG	0.0064	0.0063	0.550	55.000	0.786	78.571	0.319	31.862	4.372	0.138	13.899	2.162	0.227	22.680	CA	Open Sea	Interact 3/6	Wedge	ENM1JG51000000746	chr12:340888-3408180	ENM1JG51000000125	2.001	4.381	0.638	0.857	0.901	0.0023	0.0755	lysozyme 3-mammalian type 1 cytoplasmic 5-mammalian isoform protein 1 [Source MGI; Synthesized MGI; 891986]
chr12	21,435,221	+	CG	0.0046	0.0068	0.503	50.300	0.233	23.333	0.263	26.286	5.857	0.119	11.769	2.340	-0.339	-33.917	TS	Open Sea	Interact 2/6	Wedge	ENM1JG51000000746	chr12:340888-3408180	ENM1JG51000000125	2.001	4.381	0.638	0.857	0.901	0.0023	0.0755	lysozyme 3-mammalian type 1 cytoplasmic 5-mammalian isoform protein 1 [Source MGI; Synthesized MGI; 891986]
chr12	21,411,653	+	CG	0.0043	0.0037	0.162	16.216	0.500	50.000	0.401	40.064	8.013	0.289	28.714	5.155	0.338	33.784	---	Open Sea	Interact 2/6	Wedge	ENM1JG51000000746	chr12:340888-3408180	ENM1JG51000000125	2.001	4.381	0.638	0.857	0.901	0.0023	0.0755	lysozyme 3-mammalian type 1 cytoplasmic 5-mammalian isoform protein 1 [Source MGI; Synthesized MGI; 891986]
chr12	50,357,852	+	CG	0.0449	0.0449	0.860	86.000	0.750	75.000	0.071	7.106	1.472	0.057	5.742	1.168	-0.110	-10.961	CT	Open Sea	Interact 17/18	RefSeq1	ENM1JG51000000340	chr12:50343025-5034048	ENM1JG51000000075	14.213	6.830	0.810	0.237	-1.647	0.0041	0.0060	protein kinase CH [Source MGI; Synthesized MGI; 198976]
chr12	50,347,863	+	CG	0.0476	0.0190	0.207	20.690	0.444	44.444	0.369	36.932	7.386	0.271	27.090	5.438	0.238	23.755	TT	Open Sea	Interact 1/18	RefSeq1	ENM1JG51000000340	chr12:50343025-5034048	ENM1JG51000000075	14.213	6.830	0.810	0.237	-1.647	0.0041	0.0060	protein kinase CH [Source MGI; Synthesized MGI; 198976]
chr12	50,327,421	+	CG	0.074	0.0552	0.800	80.000	0.458	45.833	0.212	21.189	4.238	0.265	26.553	5.101	-0.342	-34.107	CA	Open Sea	Interact 1/18	RefSeq1	ENM1JG51000000340	chr12:50343025-5034048	ENM1JG51000000075	14.213	6.830	0.810	0.237	-1.647	0.0041	0.0060	protein kinase CH [Source MGI; Synthesized MGI; 198976]
chr12	50,355,578	+	CG	0.0469	0.1021	0.871	87.087	0.687	68.687	0.138	13.833	2.747	0.138	13.819	2.744	-0.345	-34.430	CA	Open Sea	Interact 1/18	RefSeq1	ENM1JG51000000340	chr12:50343025-5034048	ENM1JG51000000075	14.213	6.830	0.810	0.237	-1.647	0.0041	0.0060	protein kinase CH [Source MGI; Synthesized MGI; 198976]
chr12	75,543,588	+	CG	0.074	0.0524	0.769	76.923	0.534	53.361	0.138	13.756	2.751	0.237	23.674	2.755	-0.24	-24.543	RefSeq1	Open Sea	Interact 1/18	RefSeq1	ENM1JG51000000340	chr12:75543583-7554362	ENM1JG51000000034	8.054	5.640	0.622	0.446	-1.430	0.0021	0.0735	platelet alpha granule containing 1 family G (44 kDa) of alpha member 3 [Source MGI; Synthesized MGI; 2288406]
chr12	113,012,524	+	CG	0.0089	0.0079	0.685	68.514	0.860	86.047	0.261	26.150	3.230	0.059	2.896	0.179	0.165	16.534	---	Open Sea	Interact 1/23	RefSeq1	ENM1JG51000000441	chr12:11301252-11301462	ENM1JG51000000181	9.315	7.189	0.638	0.710	-1.337	0.0057	0.0775	phosphatidylethanolamine transferase protein 1 [Source MGI; Synthesized MGI; 1444048]
chr13	4,434,824	+	CG	0.0011	0.0011	0.539	53.941	0.830	83.019	0.231	23.136	4.027	0.196	19.627	3.475	0.301	30.719	G:G	Open Sea	TSB: 1000	RefSeq1	ENM1JG51000000441	chr13:444716-4447168	ENM1JG51000000038	0.943	4.418	0.625	0.131	5.904	0.0036	0.0069	fibronectin type 1 domain 2 [Source MGI; Synthesized MGI; 3446048]
chr13	9,438,638	+	CG	0.0083	0.0080	0.571	57.143	0.760	76.000	0.213	21.279	4.256	0.151	15.051	3.405	0.189	18.887	---	Open Sea	Interact 2/36	RefSeq1	ENM1JG51000000441	chr13:937602-9376028	ENM1JG51000000052	5.181	4.025	0.419	0.489	-1.387	0.0041	0.0060	alpha 2-macroglobulin 2 [Source MGI; Synthesized MGI; 1007796]
chr13	14,068,661	+	CG	0.0043	0.0131	0.577	57.682	0.852	85.185	0.449	44.945	8.969	0.149	14.917	2.901	0.275	40.473	TC	Open Sea	Interact 3/3	G:G:G	ENM1JG51000000441	chr13:14068661-1406868	ENM1JG51000000057	8.114	7.185	0.439	0.387	-1.132	0.0055	0.0066	glyceraldehyde 3-phosphate dehydrogenase 1 [Source MGI; Synthesized MGI; 1341724]
chr13	23,186,781	+	CG	0.0086	0.0076	0.307	30.714	0.750	75.000	0.375	37.474	7.495	0.261	26.581	4.072	0.343	34.286	CA	Open Sea	Interact 3/10	Splice1	ENM1JG51000000340	chr13:23186783-23									

chr14	86,111,488	+	CG	0.0020	0.0066	0.307	25.714	0.680	68.000	0.145	14.518	2.104	0.236	23.553	4.711	0.323	32.286	CT	Open Sea	Interon 1/10	Chd17	ENM1:JG:0000000000	chr14:8776603-9048543	ENM1:JG:0000000000	9.624	5.797	1.319	1.484	-1.605	0.0020	0.0704	dechlorhmd family transcription factor 1 [Source MGI; Synthesized AcGI: 1077090]
chr14	86,140,275	+	CG	0.0006	0.0008	0.265	26.500	0.519	51.802	0.178	17.833	3.141	0.182	19.219	3.844	0.253	25.289	--	Open Sea	Interon 1/10	Chd17	ENM1:JG:0000000000	chr14:8776603-9048543	ENM1:JG:0000000000	9.624	5.797	1.319	1.484	-1.605	0.0020	0.0704	dechlorhmd family transcription factor 1 [Source MGI; Synthesized AcGI: 1077090]
chr14	86,140,285	+	CG	0.0001	0.0000	0.250	25.000	0.459	45.763	0.167	16.733	3.147	0.136	13.584	2.119	0.268	26.763	AA	Open Sea	Interon 1/10	Chd17	ENM1:JG:0000000000	chr14:8776603-9048543	ENM1:JG:0000000000	9.624	5.797	1.319	1.484	-1.605	0.0020	0.0704	dechlorhmd family transcription factor 1 [Source MGI; Synthesized AcGI: 1077090]
chr14	86,140,323	+	CG	0.0468	0.0008	0.265	26.471	0.430	43.975	0.181	18.109	3.422	0.134	13.368	2.474	0.155	15.505	GA	Open Sea	Interon 1/10	Chd17	ENM1:JG:0000000000	chr14:8776603-9048543	ENM1:JG:0000000000	9.624	5.797	1.319	1.484	-1.605	0.0020	0.0704	dechlorhmd family transcription factor 1 [Source MGI; Synthesized AcGI: 1077090]
chr14	86,140,362	+	CG	0.0007	0.0087	0.750	75.000	0.917	91.667	0.365	36.515	7.303	0.065	6.500	1.300	0.207	21.667	--	Open Sea	Interon 1/10	Chd17	ENM1:JG:0000000000	chr14:8776603-9048543	ENM1:JG:0000000000	9.624	5.797	1.319	1.484	-1.605	0.0020	0.0704	dechlorhmd family transcription factor 1 [Source MGI; Synthesized AcGI: 1077090]
chr14	86,164,055	+	CG	0.0038	0.0047	0.903	90.300	0.768	76.636	0.044	4.436	0.884	0.082	8.192	1.436	-0.127	-1.687	TS	Open Sea	Interon 1/10	Chd17	ENM1:JG:0000000000	chr14:8776603-9048543	ENM1:JG:0000000000	9.624	5.797	1.319	1.484	-1.605	0.0020	0.0704	dechlorhmd family transcription factor 1 [Source MGI; Synthesized AcGI: 1077090]
chr14	120,476,668	+	CG	0.0000	0.0000	0.238	23.810	0.550	55.000	0.186	18.566	3.713	0.315	31.513	4.035	0.312	31.160	CA	N Shore	TSS 3000	Hsp90	ENM1:JG:0000000000	chr14:12046603-12057004	ENM1:JG:0000000000	3.361	5.668	0.405	0.518	0.686	0.0001	0.0346	W60-related protein 2a [Source MGI; Synthesized AcGI: 1078000]
chr15	11,980,068	+	CG	0.0009	0.0002	0.807	80.734	0.915	91.939	0.147	14.730	2.146	0.041	4.084	0.817	0.188	19.775	--	Open Sea	Interon 3/3	Sat1	ENM1:JG:0000000000	chr15:11980103-11990102	ENM1:JG:0000000000	29.148	46.754	3.276	4.101	5.623	0.0001	0.0349	SAR1 homolog 1 (S. cerevisiae) [Source MGI; Synthesized AcGI: 1080100]
chr15	12,288,841	+	CG	0.0022	0.0115	0.281	28.075	0.902	90.215	0.162	16.162	3.236	0.106	10.618	2.124	0.321	32.140	--	Open Sea	Interon 1/7	Sat1	ENM1:JG:0000000000	chr15:12288003-12293006	ENM1:JG:0000000000	330.121	173.342	16.816	60.276	-1.196	0.0001	0.0624	side-chain factor 30 (unc. transcript), member 8 [Source MGI; Synthesized AcGI: 2446800]
chr15	12,320,441	+	CG	0.0110	0.0082	0.394	39.416	0.988	98.804	0.276	27.634	5.127	0.172	17.212	3.432	0.194	19.407	--	Open Sea	Interon 1/7	Sat1	ENM1:JG:0000000000	chr15:12320003-12325006	ENM1:JG:0000000000	330.121	173.342	16.816	60.276	-1.196	0.0001	0.0624	side-chain factor 30 (unc. transcript), member 8 [Source MGI; Synthesized AcGI: 2446800]
chr15	12,374,792	+	CG	0.0070	0.0195	0.630	63.046	0.984	98.372	0.165	16.463	3.297	0.131	13.125	3.422	0.253	25.300	--	Open Sea	Interon 1/7	Sat1	ENM1:JG:0000000000	chr15:12374003-12379006	ENM1:JG:0000000000	330.121	173.342	16.816	60.276	-1.196	0.0001	0.0624	side-chain factor 30 (unc. transcript), member 8 [Source MGI; Synthesized AcGI: 2446800]
chr15	12,324,968	+	CG	0.0123	0.1145	0.655	65.625	0.957	95.714	0.187	18.689	3.738	0.131	13.125	3.422	0.201	20.980	--	Open Sea	Interon 1/7	Sat1	ENM1:JG:0000000000	chr15:12324003-12329006	ENM1:JG:0000000000	330.121	173.342	16.816	60.276	-1.196	0.0001	0.0624	side-chain factor 30 (unc. transcript), member 8 [Source MGI; Synthesized AcGI: 2446800]
chr15	17,620,382	+	CG	0.0047	0.2015	0.619	61.905	0.957	95.714	0.190	18.999	3.600	0.078	7.829	1.164	0.238	23.910	--	Open Sea	Interon 2/3	Zfp2	ENM1:JG:0000000000	chr15:17620003-17625006	ENM1:JG:0000000000	7.148	5.186	0.608	0.715	-1.278	0.0017	0.0713	zinc finger and homeobox 2 [Source MGI; Synthesized AcGI: 2688000]
chr15	65,708,157	+	CG	0.0080	0.2007	0.667	66.667	0.854	85.417	0.185	18.472	3.694	0.071	7.130	1.424	0.188	18.760	CA	S Shore	Interon 1/22	Elf1a	ENM1:JG:0000000000	chr15:65708003-65713006	ENM1:JG:0000000000	19.421	15.008	0.867	1.168	-1.288	0.0002	0.0443	EPF1 homolog 1 [Source MGI; Synthesized AcGI: 1029000]
chr15	86,261,629	+	CG	0.0080	0.2731	0.438	43.750	0.763	76.210	0.175	17.515	3.103	0.152	15.162	3.022	0.366	35.560	CA	Open Sea	Interon 3/20	Arf4	ENM1:JG:0000000000	chr15:86261003-86266006	ENM1:JG:0000000000	8.084	6.965	0.501	0.283	-1.158	0.0049	0.0945	AT rich interactive domain 2 (ARID2) [Source MGI; Synthesized AcGI: 1034200]
chr15	86,213,654	+	CG	0.0478	0.0478	0.434	43.424	0.658	65.768	0.157	15.708	3.142	0.166	16.584	3.219	0.234	23.350	--	Open Sea	Interon 3/20	Arf4	ENM1:JG:0000000000	chr15:86213003-86218006	ENM1:JG:0000000000	8.084	6.965	0.501	0.283	-1.158	0.0049	0.0945	AT rich interactive domain 2 (ARID2) [Source MGI; Synthesized AcGI: 1034200]
chr15	86,457,382	+	CG	0.0342	0.0008	0.184	18.421	0.412	41.176	0.234	23.261	4.472	0.187	18.659	3.122	0.238	23.765	AC	N Shore	Interon 1/14	Stat1f	ENM1:JG:0000000000	chr15:86457003-86458006	ENM1:JG:0000000000	17.366	13.627	0.750	1.523	-1.276	0.0009	0.0812	SH-related CTD associated factor 11 [Source MGI; Synthesized AcGI: 1051940]
chr15	86,457,427	+	CG	0.0083	0.0008	0.314	31.275	0.559	55.922	0.321	32.088	4.438	0.140	13.969	2.794	0.246	24.560	AC	N Shore	Interon 1/14	Stat1f	ENM1:JG:0000000000	chr15:86457003-86458006	ENM1:JG:0000000000	17.366	13.627	0.750	1.523	-1.276	0.0009	0.0812	SH-related CTD associated factor 11 [Source MGI; Synthesized AcGI: 1051940]
chr15	86,458,227	+	CG	0.0778	0.0006	0.378	37.800	0.568	56.790	0.065	6.453	1.291	0.117	11.643	2.233	0.180	18.885	CA	N Shore	Interon 1/14	Stat1f	ENM1:JG:0000000000	chr15:86458003-86459006	ENM1:JG:0000000000	17.366	13.627	0.750	1.523	-1.276	0.0009	0.0812	SH-related CTD associated factor 11 [Source MGI; Synthesized AcGI: 1051940]
chr16	4,988,950	+	CG	0.0007	0.0085	0.716	71.640	0.868	86.765	0.154	15.436	3.087	0.086	8.448	1.730	0.151	15.123	CG	Open Sea	Downstream	Orn1p	ENM1:JG:0000000000	chr16:49889003-49894006	ENM1:JG:0000000000	1.947	1.022	0.259	0.239	-1.807	0.0000	0.0818	ORF binding protein [Source MGI; Synthesized AcGI: 1038000]
chr16	4,118,914	+	CG	0.0474	0.0113	0.830	83.019	0.650	65.000	0.363	36.219	7.652	0.176	16.929	3.122	-0.140	-16.019	Check manually	Open Sea	Interon 12/28	Orn1p	ENM1:JG:0000000000	chr16:41189003-41194006	ENM1:JG:0000000000	1.947	1.022	0.259	0.239	-1.807	0.0000	0.0818	ORF binding protein [Source MGI; Synthesized AcGI: 1038000]
chr16	4,886,478	+	CG	0.0444	0.0001	0.480	48.000	0.140	14.286	0.359	35.891	7.138	0.167	16.701	3.340	-0.327	-33.774	--	Open Sea	Interon 1/16	Mgfr1	ENM1:JG:0000000000	chr16:48864003-48869006	ENM1:JG:0000000000	25.619	20.027	1.051	2.088	-1.279	0.0019	0.0704	multigene, ring finger 1 [Source MGI; Synthesized AcGI: 2447000]
chr16	4,908,051	+	CG	0.0051	0.2107	0.797	79.601	0.580	58.929	0.084	8.389	1.678	0.068	6.409	1.638	-0.207	-20.720	-G	Open Sea	Interon 1/16	Mgfr1	ENM1:JG:0000000000	chr16:49080003-49085006	ENM1:JG:0000000000	25.619	20.027	1.051	2.088	-1.279	0.0019	0.0704	multigene, ring finger 1 [Source MGI; Synthesized AcGI: 2447000]
chr16	10,713,485	+	CG	0.0272	0.0174	0.754	75.428	0.559	55.922	0.147	14.642	2.932	0.083	8.279	1.854	-0.185	-18.506	CA	Open Sea	Interon 21/22	Orn1p	ENM1:JG:0000000000	chr16:10713003-10718006	ENM1:JG:0000000000	4.988	4.043	0.259	0.239	-1.234	0.0004	0.0604	Cygnus acute domain factor 16, member 4 [Source MGI; Synthesized AcGI: 1027400]
chr16	23,248,879	+	CG	0.0006	0.0042	0.581	58.108	0.800	80.000	0.266	26.607	4.501	0.113	11.263	2.257	0.219	21.860	--	Open Sea	Interon 1/7	Orn1p	ENM1:JG:0000000000	chr16:23248003-23253006	ENM1:JG:0000000000	15.723	12.783	1.010	1.126	-1.230	0.0006	0.0777	long alpha-crystallin alpha 2 (B. taurus) [Source MGI; Synthesized AcGI: 1034700]
chr16	23,248,169	+	CG	0.0020	0.0080	0.556	55.556	0.811	81.081	0.262	26.253	5.411	0.175	17.460	3.432	0.255	25.558	--	Open Sea	Interon 5/7	Orn1p	ENM1:JG:0000000000	chr16:23248003-23253006	ENM1:JG:0000000000	15.723	12.783	1.010	1.126	-1.230	0.0006	0.0777	long alpha-crystallin alpha 2 (B. taurus) [Source MGI; Synthesized AcGI: 1034700]
chr16	24,452,557	+	CG	0.0007	0.0007	0.680	68.000	0.887	88.679	0.123	12.338	2.448	0.085	8.350	2.402	0.257	25.679	--	Open Sea	Interon 3/16	Plzf1a	ENM1:JG:0000000000	chr16:24452003-24457006	ENM1:JG:0000000000	14.419	11.215	0.420	0.880	-1.286	0.0000	0.0307	phosphatase 10-related protein 1, choline, white, rat [Source MGI; Synthesized AcGI: 1080500]
chr16	24,371,083	+	CG	0.0006	0.0018	0.887	88.744	0.633	63.333	0.054	5.438	1.088	0.289	28.884	5.777	-0.204	-20.440	TA	Open Sea	Interon 6/13	Sat1	ENM1:JG:0000000000	chr16:24371003-24376006	ENM1:JG:0000000000	22.541	27.680	1.450	1.838	1.223	0.0001	0.0885	sorting nexin 4 [Source MGI; Synthesized AcGI: 1056000]
chr16	35,146,646	+	CG	0.0030	0.0030	0.719	71.910	0.522	52.214	0.146	14.629	2.936	0.185	18.450	3.488	-0.167	-16.736	Check manually	Open Sea	Interon 1/20	Arf4	ENM1:JG:0000000000	chr16:35146003-35151006	ENM1:JG:0000000000	0.933	1.121	0.115	0.134	1.930	0.0001	0.0885	adenosine cyclase 5 [Source MGI; Synthesized AcGI: 1080700]
chr16	44,461,158	+	CG	0.0047	0.0015	0.136	13.614	0.378	37.658	0.401	40.093	8.019	0.176	17.182	3.154	0.240	24.354	--	Open Sea	Interon 1/14	Arf4	ENM1:JG:0000000000	chr16:44461003-44466006	ENM1:JG:0000000000	30.382	24.851	0.839	2.483	-1.238	0.0045	0.0916	ATPase, Na ⁺ /transferring, isoform V1, isoform 1 [Source MGI; Synthesized AcGI: 1030700]
chr16	73,927,201	+	CG	0.0001	0.0001	0.680	68.019	0.836	83.592	0.087	8.643	1.933	0.091	8.019	1.814	0.155	15.520	CT	Open Sea	Interon 21/25	Raf1a	ENM1:JG:0000000000	chr16:73927003-73932006	ENM1:JG:0000000000	16.487	7.782	0.889	2.480	-2.119	0.0046	0.0944	roundabout guidance receptor 2 [Source MGI; Synthesized AcGI: 1080100]
chr16	73,927,201	+	CG	0.0001	0.0001	0.680	68.041	0.836	83.592	0.087	8.643	1.933	0.091																			

chr19	57,681,755	+	CG	0.0018	0.0014	0.788	76.768	0.570	57.000	0.127	12.743	2.149	0.000	5.967	1.173	-0.218	-21.768	--	Open Sea	Interon 12/28	Atv1b	ENM1JG5:ENM00054643	chr19:57611033-58133338	ENM1JG5:ENM00077582	6.443	4.802	0.194	0.505	-1.317	0.0022	0.0705	atv1b-ncs-ncs-1 [Source MGI: Symbol Acc: MGI:2147496]
chr19	57,687,450	+	CG	0.0178	0.0254	0.538	53.846	0.833	83.333	0.287	28.485	5.107	0.187	18.484	3.139	0.265	26.487	AC	N-Shd	Interon 12/28	Atv1b	ENM1JG5:ENM00054643	chr19:57611033-58133338	ENM1JG5:ENM00077582	6.443	4.802	0.194	0.505	-1.317	0.0022	0.0705	atv1b-ncs-ncs-1 [Source MGI: Symbol Acc: MGI:2147496]
chr19	57,708,040	+	CG	0.0022	0.0102	0.847	84.766	0.647	64.766	0.105	10.534	3.107	0.160	16.014	3.203	-0.200	-20.240	--	Open Sea	Interon 12/28	Atv1b	ENM1JG5:ENM00054643	chr19:57611033-58133338	ENM1JG5:ENM00077582	6.443	4.802	0.194	0.505	-1.317	0.0022	0.0705	atv1b-ncs-ncs-1 [Source MGI: Symbol Acc: MGI:2147496]
chr19	57,731,288	+	CG	0.0117	0.0700	0.240	24.000	0.679	67.807	0.382	38.225	7.447	0.324	32.434	4.447	0.438	43.857	TA	Open Sea	Interon 27/28	Atv1b	ENM1JG5:ENM00054643	chr19:57611033-58133338	ENM1JG5:ENM00077582	6.443	4.802	0.194	0.505	-1.317	0.0022	0.0705	atv1b-ncs-ncs-1 [Source MGI: Symbol Acc: MGI:2147496]
chr19	58,002,180	+	CG	0.0081	0.0630	0.768	76.768	0.585	58.537	0.268	26.580	4.116	0.291	29.173	4.415	-0.182	-18.240	--	Open Sea	Interon 27/28	Atv1b	ENM1JG5:ENM00054643	chr19:57611033-58133338	ENM1JG5:ENM00077582	6.443	4.802	0.194	0.505	-1.317	0.0022	0.0705	atv1b-ncs-ncs-1 [Source MGI: Symbol Acc: MGI:2147496]
chr19	60,877,624	+	CG	0.0046	0.0088	0.559	55.880	0.875	87.500	0.112	11.180	2.236	0.110	11.489	2.294	0.246	24.918	--	Open Sea	Interon 1/15	Gt10b	ENM1JG5:ENM00003233	chr19:60884918-6100353	ENM1JG5:ENM00003233	12.009	7.302	1.021	2.164	-1.754	0.0027	0.0705	Gt10b-coiled-coiled receptor domain 5 [Source MGI: Symbol Acc: MGI:108916]
chr2	11,766,558	+	CG	0.0008	0.0070	0.413	41.304	0.802	80.217	0.104	10.383	2.077	0.100	10.882	2.136	0.238	23.918	--	Open Sea	Interon 2/20	Flav1b	ENM1JG5:ENM00000882	chr2:1176251-11777582	ENM1JG5:ENM00000882	15.007	14.160	0.483	0.483	-1.100	0.0000	0.0007	Flav1b domain 18 [Source MGI: Symbol Acc: MGI:1054068]
chr2	18,276,967	+	CG	0.0004	0.0488	0.189	18.808	0.915	91.515	0.130	13.168	2.394	0.081	8.097	1.479	0.336	33.847	--	Open Sea	Interon 1/11	Chn1f	ENM1JG5:ENM00000840	chr2:1827316-18288303	ENM1JG5:ENM00000840	9.505	9.140	0.617	0.846	1.104	0.0048	0.0041	Chn1b-ncs-ncs-ncs-1 [Source MGI: Symbol Acc: MGI:1053888]
chr2	18,348,201	+	CG	0.0004	0.0070	0.859	85.857	0.444	44.444	0.261	26.049	4.014	0.275	27.479	5.416	-0.384	-38.413	TS	Open Sea	Interon 1/11	Chn1f	ENM1JG5:ENM00000840	chr2:1827316-18288303	ENM1JG5:ENM00000840	9.505	9.140	0.617	0.846	1.104	0.0048	0.0041	Chn1b-ncs-ncs-ncs-1 [Source MGI: Symbol Acc: MGI:1053888]
chr2	20,788,322	+	CG	0.0004	0.0006	0.340	33.962	0.544	54.366	0.175	17.491	3.498	0.079	7.939	1.188	0.204	20.404	--	Open Sea	Interon 4/12	Shb	ENM1JG5:ENM00000817	chr2:2077570-20810054	ENM1JG5:ENM00000817	5.009	3.794	0.268	0.730	-1.482	0.0002	0.0006	Shb-ncs-ncs-ncs-1 [Source MGI: Symbol Acc: MGI:1054564]
chr2	23,579,450	+	CG	0.0020	0.0031	0.808	80.769	0.507	50.877	0.162	16.225	3.245	0.207	20.495	4.139	-0.208	-20.820	GA	Open Sea	Interon 2/27	Lov1b	ENM1JG5:ENM00000882	chr2:2358064-23640511	ENM1JG5:ENM00000882	2.300	2.319	0.170	0.279	-1.004	0.0002	0.0002	L10M nonmuscle 1 transmembrane factor 1 beta [Source MGI: Symbol Acc: MGI:1100010]
chr2	23,579,450	+	CG	0.0019	0.0031	0.750	75.000	0.403	40.308	0.144	14.434	2.887	0.050	5.008	1.052	-0.327	-32.882	AA	Open Sea	Interon 2/27	Lov1b	ENM1JG5:ENM00000882	chr2:2358064-23640511	ENM1JG5:ENM00000882	2.300	2.319	0.170	0.279	-1.004	0.0002	0.0002	L10M nonmuscle 1 transmembrane factor 1 beta [Source MGI: Symbol Acc: MGI:1100010]
chr2	48,862,710	+	CG	0.0043	0.1137	0.519	51.802	0.207	20.714	0.285	28.522	5.104	0.142	14.164	2.639	-0.301	-30.138	CC	S-Share	Interon 1/10	Shb	ENM1JG5:ENM00000882	chr2:48862162-48870150	ENM1JG5:ENM00000882	3.940	11.780	1.280	1.420	2.891	0.0000	0.0007	Shb-ncs-ncs-ncs-1 [Source MGI: Symbol Acc: MGI:108402]
chr2	70,588,314	+	CG	0.0167	0.1192	0.600	60.000	0.875	87.500	0.364	36.398	4.080	0.085	8.539	1.108	0.275	27.500	Check manually	Open Sea	Interon 10/16	Gat1f	ENM1JG5:ENM00000780	chr2:7058814-70602014	ENM1JG5:ENM00000780	9.100	3.008	1.244	1.844	-2.982	0.0005	0.0009	Gat1b-ncs-ncs-ncs-1 [Source MGI: Symbol Acc: MGI:108002]
chr2	70,588,314	+	CG	0.0167	0.1192	0.600	60.000	0.875	87.500	0.364	36.398	4.080	0.085	8.539	1.108	0.275	27.500	Check manually	Open Sea	Interon 10/16	Gat1f	ENM1JG5:ENM00000780	chr2:7058814-70602014	ENM1JG5:ENM00000780	9.100	3.008	1.244	1.844	-2.982	0.0005	0.0009	Gat1b-ncs-ncs-ncs-1 [Source MGI: Symbol Acc: MGI:108002]
chr2	71,214,617	+	CG	0.0449	0.2541	0.816	81.623	0.610	60.976	0.176	17.578	3.136	0.140	13.958	2.782	-0.207	-20.857	--	S-Shd	Interon 2/16	Gat1f	ENM1JG5:ENM00000780	chr2:7121462-71230338	ENM1JG5:ENM00000780	12.045	8.805	1.117	1.881	-1.477	0.0042	0.0007	Gat1b-ncs-ncs-ncs-1 [Source MGI: Symbol Acc: MGI:107702]
chr2	71,303,967	+	CG	0.0219	0.2555	0.656	65.625	0.367	36.867	0.189	19.104	3.187	0.116	11.443	2.329	-0.280	-28.958	CA	Open Sea	Downstream	Flav1b	ENM1JG5:ENM00000644	chr2:7130397-71303983	ENM1JG5:ENM00000644	1.859	2.400	0.263	0.101	3.301	0.0004	0.0000	Flav1b-ncs-ncs-ncs-1 [Source MGI: Symbol Acc: MGI:1080116]
chr2	82,241,470	+	CG	0.0040	0.0548	0.818	81.818	0.381	38.085	0.084	8.399	1.880	0.253	25.216	5.055	-0.437	-43.723	fg	Open Sea	Interon 6/17	Flav1b	ENM1JG5:ENM00000644	chr2:8224147-82241483	ENM1JG5:ENM00000644	2.447	3.000	0.315	0.473	-1.408	0.0009	0.0000	Flav1b-ncs-ncs-ncs-1 [Source MGI: Symbol Acc: MGI:1084702]
chr2	82,360,967	+	CG	0.0044	0.7587	0.833	83.333	0.632	63.158	0.105	10.534	3.107	0.146	14.164	2.689	-0.302	-30.175	AG	Open Sea	Downstream	Flav1b	ENM1JG5:ENM00000644	chr2:8236097-82360983	ENM1JG5:ENM00000644	2.447	3.000	0.315	0.473	-1.408	0.0009	0.0000	Flav1b-ncs-ncs-ncs-1 [Source MGI: Symbol Acc: MGI:1084702]
chr2	105,561,366	+	CG	0.0274	0.0883	0.702	70.213	0.488	48.888	0.180	18.042	3.608	0.081	8.097	1.439	-0.213	-21.334	--	Interon 3/3	Flav1b	ENM1JG5:ENM00000644	chr2:105561366-1055613703	ENM1JG5:ENM00000644	5.068	4.146	0.648	0.543	-1.387	0.0014	0.0000	Flav1b-ncs-ncs-ncs-1 [Source MGI: Symbol Acc: MGI:1080002]	
chr2	105,561,366	+	CG	0.0274	0.0883	0.702	70.213	0.488	48.888	0.180	18.042	3.608	0.081	8.097	1.439	-0.213	-21.334	--	Interon 3/3	Flav1b	ENM1JG5:ENM00000644	chr2:105561366-1055613703	ENM1JG5:ENM00000644	5.068	4.146	0.648	0.543	-1.387	0.0014	0.0000	Flav1b-ncs-ncs-ncs-1 [Source MGI: Symbol Acc: MGI:1080002]	
chr2	105,561,366	+	CG	0.0274	0.0883	0.702	70.213	0.488	48.888	0.180	18.042	3.608	0.081	8.097	1.439	-0.213	-21.334	--	Interon 3/3	Flav1b	ENM1JG5:ENM00000644	chr2:105561366-1055613703	ENM1JG5:ENM00000644	5.068	4.146	0.648	0.543	-1.387	0.0014	0.0000	Flav1b-ncs-ncs-ncs-1 [Source MGI: Symbol Acc: MGI:1080002]	
chr2	105,561,366	+	CG	0.0274	0.0883	0.702	70.213	0.488	48.888	0.180	18.042	3.608	0.081	8.097	1.439	-0.213	-21.334	--	Interon 3/3	Flav1b	ENM1JG5:ENM00000644	chr2:105561366-1055613703	ENM1JG5:ENM00000644	5.068	4.146	0.648	0.543	-1.387	0.0014	0.0000	Flav1b-ncs-ncs-ncs-1 [Source MGI: Symbol Acc: MGI:1080002]	
chr2	105,561,366	+	CG	0.0274	0.0883	0.702	70.213	0.488	48.888	0.180	18.042	3.608	0.081	8.097	1.439	-0.213	-21.334	--	Interon 3/3	Flav1b	ENM1JG5:ENM00000644	chr2:105561366-1055613703	ENM1JG5:ENM00000644	5.068	4.146	0.648	0.543	-1.387	0.0014	0.0000	Flav1b-ncs-ncs-ncs-1 [Source MGI: Symbol Acc: MGI:1080002]	
chr2	105,561,366	+	CG	0.0274	0.0883	0.702	70.213	0.488	48.888	0.180	18.042	3.608	0.081	8.097	1.439	-0.213	-21.334	--	Interon 3/3	Flav1b	ENM1JG5:ENM00000644	chr2:105561366-1055613703	ENM1JG5:ENM00000644	5.068	4.146	0.648	0.543	-1.387	0.0014	0.0000	Flav1b-ncs-ncs-ncs-1 [Source MGI: Symbol Acc: MGI:1080002]	
chr2	105,561,366	+	CG	0.0274	0.0883	0.702	70.213	0.488	48.888	0.180	18.042	3.608	0.081	8.097	1.439	-0.213	-21.334	--	Interon 3/3	Flav1b	ENM1JG5:ENM00000644	chr2:105561366-1055613703	ENM1JG5:ENM00000644	5.068	4.146	0.648	0.543	-1.387	0.0014	0.0000	Flav1b-ncs-ncs-ncs-1 [Source MGI: Symbol Acc: MGI:1080002]	
chr2	105,561,366	+	CG	0.0274	0.0883	0.702	70.213	0.488	48.888	0.180	18.042	3.608	0.081	8.097	1.439	-0.213	-21.334	--	Interon 3/3	Flav1b	ENM1JG5:ENM00000644	chr2:105561366-1055613703	ENM1JG5:ENM00000644	5.068	4.146	0.648	0.543	-1.387	0.0014	0.0000	Flav1b-ncs-ncs-ncs-1 [Source MGI: Symbol Acc: MGI:1080002]	
chr2	105,561,366	+	CG	0.0274	0.0883	0.702	70.213	0.488	48.888	0.180	18.042	3.608	0.081	8.097	1.439	-0.213	-21.334	--	Interon 3/3	Flav1b	ENM1JG5:ENM00000644	chr2:105561366-1055613703	ENM1JG5:ENM00000644	5.068	4.146	0.648	0.543	-1.387	0.0014	0.0000	Flav1b-ncs-ncs-ncs-1 [Source MGI: Symbol Acc: MGI:1080002]	
chr2	105,561,366	+	CG	0.0274	0.0883	0.702	70.213	0.488	48.888	0.180	18.042	3.608	0.081	8.097	1.439	-0.213	-21.334	--	Interon 3/3	Flav1b	ENM1JG5:ENM00000644	chr2:105561366-1055613703	ENM1JG5:ENM00000644	5.068	4.146	0.648	0.543	-1.387	0.0014	0.0000	Flav1b-ncs-ncs-ncs-1 [Source MGI: Symbol Acc: MGI:1080002]	
chr2	105,561,366	+	CG	0.0274	0.0883	0.702	70.213	0.488	48.888	0.180	18.042	3.608	0.081	8.097	1.439	-0.213	-21.334	--	Interon 3/3	Flav1b	ENM1JG5:ENM00000644	chr2:105561366-1055613703	ENM1JG5:ENM00000644	5.068	4.146	0.648	0.543	-1.387	0.0014	0.0000	Flav1b-ncs-ncs-ncs-1 [Source MGI: Symbol Acc: MGI:1080002]	
chr2	105,561,366	+	CG	0.0274	0.0883	0.702	70.213	0.488	48.888	0.180	18.042	3.608	0.081	8.097	1.439	-0.213	-21.334	--	Interon 3/3	Flav1b	ENM1JG5:ENM00000644	chr2:105561366-1055613703	ENM1JG5:ENM00000644	5.068	4.146	0.648	0.543	-1.387	0.0014	0.0000	Flav1b-ncs-ncs-ncs-1 [Source MGI: Symbol Acc: MGI:1080002]	
chr2	105,561,366	+	CG	0.0274	0.0883	0.702	70.213	0.488	48.888	0.180	18.042	3.608	0.081	8.097																		

chv5	65.586.480	+	QCS	0.0309	0.0081	0.889	88.889	0.077	67.742	0.168	10.630	2.124	0.087	8.402	1.738	-0.211	-21.147	CT	Open Sea	Interon 2/5	Uchv5	DBM1JG5000000000	chv5.0002320-0000148	DBM1JG5000000001	11.156	18.124	1.823	1.929	1.625	0.0004	0.0482	ultra-hi-conjugating enzyme E2H (1 Source MG1 Symbol Acc: MG1-185824)
chv5	67.621.051	+	QCS	0.0400	0.0076	0.884	88.372	0.703	70.270	0.084	8.367	1.473	0.237	21.731	4.346	-0.181	-18.162	CS: nearby	Open Sea	JUR1	Alphv5	DBM1JG5000000706	chv5.0706126-0704730	DBM1JG5000000000	4.962	2.988	0.526	0.613	-1.526	0.0006	0.0777	ATthm, unsequenced phage (1 Source MG1 Symbol Acc: MG1-133848)
chv5	67.621.988	+	QCS	0.0305	0.0076	0.833	83.333	0.618	61.785	0.117	11.682	2.136	0.130	13.916	2.783	-0.216	-21.588	CS: nearby	Open Sea	JUR1	Alphv5	DBM1JG5000000706	chv5.0706126-0704730	DBM1JG5000000000	4.962	2.988	0.526	0.613	-1.526	0.0006	0.0777	ATthm, unsequenced phage (1 Source MG1 Symbol Acc: MG1-133848)
chv5	70.054.171	+	QCS	0.0056	0.0076	0.641	64.100	0.841	84.041	0.246	23.585	4.317	0.110	11.875	2.173	0.260	19.988	Check manually	Open Sea	Interon 10/28	ADP	DBM1JG5000000000	chv5.0000000-7000048	DBM1JG5000000006	47.288	24.522	3.917	5.879	-1.389	0.0004	0.0004	transmembrane domain protein receptor (1 Source MG1 Symbol Acc: MG1-186862)
chv5	70.054.775	+	QCS	0.0176	0.1343	0.716	71.642	0.477	47.602	0.176	17.054	3.117	0.143	14.241	2.858	-0.239	-23.948	fg	Open Sea	Interon 12/24	ADP	DBM1JG5000000000	chv5.0000000-7000048	DBM1JG5000000006	8.585	6.688	0.708	0.519	-1.284	0.0016	0.0016	crystallin domain of nucleol. cytosol. ligand (1 Source MG1 Symbol Acc: MG1-186862)
chv5	70.074.628	+	QCS	0.0040	0.0060	0.480	48.038	0.688	68.038	0.248	24.808	4.462	0.084	8.370	1.474	0.276	21.980	--	N Shore	Interon 2/22	Chv5	DBM1JG5000000000	chv5.0000000-7000048	DBM1JG5000000006	8.585	6.688	0.708	0.519	-1.284	0.0016	0.0016	crystallin domain of nucleol. cytosol. ligand (1 Source MG1 Symbol Acc: MG1-186862)
chv5	87.588.185	+	QCS	0.0066	0.0066	0.288	28.830	0.576	57.576	0.188	18.913	3.183	0.270	27.027	5.405	0.279	27.948	TA	Open Sea	TBS 0000	Shv1	DBM1JG5000000007	chv5.0000000-8700048	DBM1JG5000000004	17.034	10.670	1.388	2.313	-1.071	0.0049	0.0081	tail of coat of virus family D2, member 1 (1 Source MG1 Symbol Acc: MG1-186862)
chv5	88.507.405	+	QCS	0.0084	0.1144	0.682	68.201	0.881	88.136	0.238	23.858	4.772	0.083	8.365	1.453	0.180	18.905	--	S Shore	TBS 0000	Shv1	DBM1JG5000000006	chv5.0000000-8800048	DBM1JG5000000007	53.104	65.564	2.541	4.382	1.225	0.0012	0.0047	transmembrane domain protein receptor (1 Source MG1 Symbol Acc: MG1-186862)
chv5	100.080.720	+	QCS	0.0000	0.0000	0.550	55.000	0.808	80.769	0.315	31.054	4.301	0.213	21.364	4.253	0.308	30.780	CT	Open Sea	Interon 10/24	Shv1	DBM1JG5000000006	chv5.0000000-1000048	DBM1JG5000000007	6.122	3.508	0.768	1.746	0.0002	0.0047	transmembrane domain protein receptor (1 Source MG1 Symbol Acc: MG1-186862)	
chv5	100.076.100	+	QCS	0.0000	0.0002	0.360	36.059	0.553	55.263	0.319	31.031	4.386	0.123	12.330	2.466	0.187	18.744	CS	Open Sea	Interon 16/14	Shv1	DBM1JG5000000006	chv5.0000000-1000048	DBM1JG5000000007	12.806	4.038	0.792	1.886	-3.172	0.0006	0.0005	Shv1 homolog A15, unsequenced (1 Source MG1 Symbol Acc: MG1-186862)
chv5	107.784.303	+	QCS	0.0466	0.0776	0.667	66.667	0.861	86.111	0.256	25.555	5.111	0.123	12.342	2.468	0.184	18.456	--	Open Sea	Interon 1/2	ADP	DBM1JG5000000000	chv5.0000000-1070048	DBM1JG5000000006	9.151	7.740	0.560	0.620	-1.181	0.0048	0.0041	tail of coat of virus family D2, member 1 (1 Source MG1 Symbol Acc: MG1-186862)
chv5	110.126.688	+	QCS	0.0186	0.4330	0.176	17.647	0.340	34.040	0.159	15.919	3.184	0.106	10.639	2.128	0.164	16.385	CS	S Shore	Interon 2/17	Chv5	DBM1JG5000000488	chv5.0000000-1100048	DBM1JG5000000009	6.408	7.528	0.373	0.385	1.175	0.0016	0.0008	checkpoints with forward and ring finger domains (1 Source MG1 Symbol Acc: MG1-186862)
chv5	111.028.572	+	QCS	0.0006	0.0008	0.872	87.179	0.513	51.282	0.105	10.527	2.105	0.280	27.992	5.188	-0.359	-35.887	TG	Open Sea	Interon 2/22	Tu28	DBM1JG5000000000	chv5.0000000-1110048	DBM1JG5000000000	13.334	7.378	0.903	2.226	-1.887	0.0002	0.0749	tail of coat of virus family D2, member 1 (1 Source MG1 Symbol Acc: MG1-186862)
chv5	111.028.579	+	QCS	0.0027	0.0048	0.865	86.486	0.600	60.000	0.104	10.384	2.077	0.181	18.054	3.611	-0.215	-21.488	TG	Open Sea	Interon 2/22	Tu28	DBM1JG5000000000	chv5.0000000-1110048	DBM1JG5000000000	13.334	7.378	0.903	2.226	-1.887	0.0002	0.0749	tail of coat of virus family D2, member 1 (1 Source MG1 Symbol Acc: MG1-186862)
chv5	111.116.813	+	QCS	0.0000	0.0003	0.849	84.904	0.574	57.407	0.081	8.086	1.817	0.101	10.124	2.025	-0.275	-27.455	TG	Open Sea	Interon 2/22	Tu28	DBM1JG5000000000	chv5.0000000-1110048	DBM1JG5000000000	13.334	7.378	0.903	2.226	-1.887	0.0002	0.0749	tail of coat of virus family D2, member 1 (1 Source MG1 Symbol Acc: MG1-186862)
chv5	112.447.577	+	QCS	0.0478	0.0169	0.839	83.871	0.600	60.000	0.416	41.625	8.325	0.147	14.713	2.147	-0.238	-23.871	--	Open Sea	Interon 9/16	Shv1	DBM1JG5000000000	chv5.0000000-1120048	DBM1JG5000000007	23.233	11.580	0.819	4.283	-2.088	0.0015	0.0086	tail of coat of virus family D2, member 1 (1 Source MG1 Symbol Acc: MG1-186862)
chv5	112.447.577	+	QCS	0.0478	0.0169	0.839	83.871	0.600	60.000	0.416	41.625	8.325	0.147	14.713	2.147	-0.238	-23.871	--	Open Sea	Interon 9/16	Shv1	DBM1JG5000000000	chv5.0000000-1120048	DBM1JG5000000007	10.884	5.349	0.620	2.074	-2.037	0.0001	0.0001	tail of coat of virus family D2, member 1 (1 Source MG1 Symbol Acc: MG1-186862)
chv5	115.346.842	+	QCS	0.0049	0.1522	0.419	41.880	0.167	16.887	0.233	23.349	4.470	0.138	13.773	2.755	-0.232	-23.184	--	S Shore	TBS 1000	Quv1	DBM1JG5000000000	chv5.0000000-1150048	DBM1JG5000000006	1.585	3.240	0.581	0.714	2.036	0.0043	0.0008	cytoplasmic c domain subunit 1 (1 Source MG1 Symbol Acc: MG1-186862)
chv5	120.072.394	+	QCS	0.0002	0.1439	0.586	58.574	0.804	80.382	0.268	26.853	4.121	0.259	25.852	5.170	0.288	28.818	--	Open Sea	Interon 2/27	Shv1	DBM1JG5000000000	chv5.0000000-1200048	DBM1JG5000000006	11.434	6.240	0.927	0.888	-1.127	0.0043	0.0011	tail of coat of virus family D2, member 1 (1 Source MG1 Symbol Acc: MG1-186862)
chv5	121.054.888	+	QCS	0.0003	0.0086	0.803	80.284	0.602	60.162	0.110	11.449	2.284	0.083	8.309	1.862	-0.231	-23.132	CS	Open Sea	JUR1	Chv5	DBM1JG5000000000	chv5.0000000-1210048	DBM1JG5000000006	5.451	2.806	0.838	0.912	-1.857	0.0019	0.0754	tail of coat of virus family D2, member 1 (1 Source MG1 Symbol Acc: MG1-186862)
chv5	128.476.876	+	QCS	0.0002	0.0002	0.519	51.902	0.808	80.808	0.314	31.385	4.277	0.415	41.560	3.300	0.368	36.787	fg	Open Sea	Interon 2/20	Chv5	DBM1JG5000000000	chv5.0000000-1280048	DBM1JG5000000007	0.952	2.451	0.438	0.719	2.878	0.0043	0.0019	tail of coat of virus family D2, member 1 (1 Source MG1 Symbol Acc: MG1-186862)
chv5	140.074.647	+	QCS	0.0009	0.0005	0.846	84.615	0.577	57.602	0.139	13.844	2.773	0.240	23.979	4.746	-0.359	-35.882	CS	Open Sea	Interon 1/3	Guv1	DBM1JG5000000000	chv5.0000000-1400048	DBM1JG5000000006	17.002	21.346	1.002	1.002	1.234	0.0001	0.0758	transmembrane domain protein receptor (1 Source MG1 Symbol Acc: MG1-186862)
chv5	140.074.647	+	QCS	0.0009	0.0005	0.846	84.615	0.577	57.602	0.139	13.844	2.773	0.240	23.979	4.746	-0.359	-35.882	CS	N Shore	TBS 1000	Guv1	DBM1JG5000000000	chv5.0000000-1400048	DBM1JG5000000006	11.613	6.388	1.418	0.951	-1.818	0.0004	0.0486	transmembrane domain protein receptor (1 Source MG1 Symbol Acc: MG1-186862)
chv5	140.247.043	+	QCS	0.0105	0.0002	0.362	36.216	0.638	63.830	0.260	26.954	5.791	0.153	15.348	3.070	0.246	24.614	--	Open Sea	Interon 1/11	Chv5	DBM1JG5000000000	chv5.0000000-1400048	DBM1JG5000000006	2.958	5.684	1.006	0.879	1.921	0.0005	0.0775	transmembrane domain protein receptor (1 Source MG1 Symbol Acc: MG1-186862)
chv5	147.083.285	+	QCS	0.0000	0.0007	0.873	87.307	0.738	70.769	0.183	18.262	3.656	0.149	14.881	2.978	-0.185	-18.555	Check manually	Open Sea	Interon 12/12	Shv1	DBM1JG5000000000	chv5.0000000-1470048	DBM1JG5000000006	11.327	6.004	1.384	0.729	-1.410	0.0006	0.0787	transmembrane domain protein receptor (1 Source MG1 Symbol Acc: MG1-186862)
chv5	147.083.810	+	QCS	0.0045	0.0081	0.250	25.000	0.583	58.333	0.221	22.066	4.413	0.276	27.658	5.121	0.333	33.333	--	N Shore	Interon 1/12	Shv1	DBM1JG5000000000	chv5.0000000-1470048	DBM1JG5000000006	11.327	6.004	1.384	0.729	-1.410	0.0006	0.0787	transmembrane domain protein receptor (1 Source MG1 Symbol Acc: MG1-186862)
chv5	147.083.810	+	QCS	0.0045	0.0081	0.250	25.000	0.583	58.333	0.221	22.066	4.413	0.276	27.658	5.121	0.333	33.333	--	N Shore	Interon 1/12	Shv1	DBM1JG5000000000	chv5.0000000-1470048	DBM1JG5000000006	11.327	6.004	1.384	0.729	-1.410	0.0006	0.0787	transmembrane domain protein receptor (1 Source MG1 Symbol Acc: MG1-186862)
chv5	148.054.682	+	QCS	0.0165	0.0007	0.364	36.364	0.737	73.737	0.232	23.186	4.437	0.182	18.180	3.037	0.364	36.364	OK	Open Sea	Interon 1/4	Uchv5	DBM1JG5000000000	chv5.0000000-1480048	DBM1JG5000000006	66.662	52.724	4.880	2.588	-1.384	0.0013	0.0086	ultra-hi-3 (1 Source MG1 Symbol Acc: MG1-186862)
chv5	150.046.846	+	QCS	0.0102	0.0004	0.862	86.207	0.677	67.682	0.114	11.359	2.274	0.091	9.102	2.638	-0.185	-18.555	--	Open Sea	Interon 1/15	Chv5	DBM1JG5000000007	chv5.0000000-1500048	DBM1JG5000000006	1.388	2.182	0.288	0.281	1.738	0.0010	0.0009	transmembrane domain protein receptor (1 Source MG1 Symbol Acc: MG1-186862)
chv5	150.046.846	+	QCS	0.0102	0.0004	0.862	86.207	0.677	67.682	0.114	11.359	2.274	0.091	9.102	2.638	-0.185	-18.555	--	Open Sea	Interon 1/15	Chv5	DBM1JG5000000007	chv5.0000000-1500048	DBM1JG5000000006	1.388	2.182	0.288	0.281	1.738	0.0010	0.0009	transmembrane domain protein receptor (1 Source MG1 Symbol Acc: MG1-186862)
chv5	150.046.846	+	QCS	0.0102	0.0004	0.862	86.207	0.677	67.682	0.114	11.359	2.274	0.091	9.102	2.638	-0.185	-18.555	--	Open Sea	Interon 1/15	Chv5	DBM1JG5000000007	chv5.0000000-1500048	DBM1JG5000000006	1.388	2.182	0.288	0.281	1.738	0.0010	0.0009	transmembrane domain protein receptor (1 Source MG1 Symbol Acc: MG1-186862)
chv5	150.046.846	+	QCS	0.0102	0.0004	0.862	86.207	0.677	67.682	0.114	11.359	2.274	0.091	9.102	2.638	-0.185	-18.555	--	Open Sea	Interon 1/15	Chv5	DBM1JG5000000007	chv5.0000000-1500048	DBM1JG5000000006	1.388	2.						

chr7	34,338,480	+	CG	0.0037	0.0880	0.806	80.556	0.800	60.000	0.133	13.299	2.440	0.141	14.087	2.837	-0.206	-20.558	CG	nearby	N Shd	Interon 1/13	403449P09	ENM1JG50000005071	chr7:34338476-34338511	ENM1JG50000008074	5.200	3.765	0.638	0.388	-1.405	0.0000	0.0819	RNEN1ENM1-403449P09 gene 1 [Source MGI; Symbol Acc MGI: 160841]
chr7	41,623,740	+	CG	0.0089	0.0484	0.673	67.330	0.789	70.142	0.111	11.092	2.718	0.043	4.332	0.866	0.168	10.822	---	---	Interon 4/5	205014A19	ENM1JG50000004974	chr7:41623649-41623653	ENM1JG50000004975	3.471	2.897	0.128	0.145	-1.198	0.0002	0.0406	RNEN1ENM1-205014A19 gene 1 [Source MGI; Symbol Acc MGI: 162602]	
chr7	48,760,214	+	CG	0.0054	0.0540	0.548	54.830	0.200	25.000	0.289	28.942	5.188	0.185	18.499	3.700	-0.208	-20.838	CA	Shore	Shore 1/3	Panel2	ENM1JG50000004974	chr7:48760214-48760215	ENM1JG50000004975	6.133	7.380	0.528	0.389	1.203	0.0002	0.0838	protein arginine methyl transferase 3 [Source MGI; Symbol Acc MGI: 1198204]	
chr7	52,004,988	+	CG	0.0046	0.0046	0.167	16.407	0.417	41.607	0.403	40.298	8.400	0.153	15.290	3.058	0.260	25.000	CG	nearby	Open Sea	Interon 3/27	Shp	ENM1JG50000004983	chr7:52004988-52004989	ENM1JG50000004984	26.066	17.602	0.508	0.347	-1.522	0.0001	0.0735	unit of GDP-HS-activating protein 3 [Source MGI; Symbol Acc MGI: 1622048]
chr7	65,338,313	+	CG	0.0085	0.0032	0.345	34.463	0.580	58.074	0.187	18.708	3.742	0.260	26.916	5.358	0.260	24.462	CA	Open Sea	Interon 23/27	Shp	ENM1JG50000004983	chr7:65338313-65338314	ENM1JG50000004984	17.449	13.265	0.568	0.443	-1.395	0.0016	0.0702	light protein-protein 1 [Source MGI; Symbol Acc MGI: 160750]	
chr7	65,338,943	+	CG	0.0049	0.1193	0.172	17.241	0.383	38.344	0.089	8.924	1.985	0.221	22.072	4.014	0.221	22.160	CT	Open Sea	Interon 5/27	Shp	ENM1JG50000004983	chr7:65338943-65338944	ENM1JG50000004984	17.449	13.265	0.568	0.443	-1.395	0.0016	0.0702	light protein-protein 1 [Source MGI; Symbol Acc MGI: 160750]	
chr7	65,338,943	+	CG	0.0079	0.0709	0.488	48.846	0.714	71.428	0.274	27.394	5.179	0.087	8.718	1.744	0.238	22.783	AG	Open Sea	Interon 1/18	Shp	ENM1JG50000004983	chr7:65338943-65338944	ENM1JG50000004984	17.449	13.265	0.568	0.443	-1.395	0.0016	0.0702	light protein-protein 1 [Source MGI; Symbol Acc MGI: 160750]	
chr7	65,354,643	+	CG	0.0083	0.0001	0.909	90.900	0.780	78.903	0.187	18.688	3.158	0.134	13.364	2.473	-0.143	-14.347	TS	Open Sea	Interon 2/27	Shp	ENM1JG50000004983	chr7:65354643-65354644	ENM1JG50000004984	17.449	13.265	0.568	0.443	-1.395	0.0016	0.0702	light protein-protein 1 [Source MGI; Symbol Acc MGI: 160750]	
chr7	65,354,643	+	CG	0.0027	0.0001	0.885	88.500	0.652	67.164	0.183	18.306	3.881	0.240	24.088	4.000	-0.213	-21.307	AA	Open Sea	Interon 2/27	Shp	ENM1JG50000004983	chr7:65354643-65354644	ENM1JG50000004984	17.449	13.265	0.568	0.443	-1.395	0.0016	0.0702	light protein-protein 1 [Source MGI; Symbol Acc MGI: 160750]	
chr7	81,892,388	+	CG	0.0003	0.0718	0.167	16.707	0.378	37.778	0.187	18.747	2.149	0.284	28.433	5.887	0.211	21.111	TA	N Shore	Interon 1/1	G-H 4000	ENM1JG50000000088	chr7:81892388-81892389	ENM1JG50000000089	3.478	1.752	0.740	0.807	-1.085	0.0005	0.0886	proteolipid gene 40889 [Source MGI; Symbol Acc MGI: 1575475]	
chr7	81,275,521	+	CG	0.0095	0.0046	0.760	76.000	0.459	45.946	0.376	37.594	5.159	0.214	21.427	4.287	-0.301	-30.564	CG	nearby	S Shore	Interon 1/21	Phallo	ENM1JG50000000088	chr7:81275521-81275522	ENM1JG50000000089	17.100	11.124	0.412	0.234	-1.545	0.0008	0.0883	phosphatidylesterase 8A [Source MGI; Symbol Acc MGI: 1577161]
chr7	86,133,381	+	CG	0.0046	0.0046	0.333	33.333	0.130	13.040	0.189	18.944	3.189	0.115	11.544	2.309	-0.303	-30.280	TS	S Shd	Interon 1/18	Phallo	ENM1JG50000000088	chr7:86133381-86133382	ENM1JG50000000089	0.059	1.946	0.132	0.759	30.045	0.0046	0.0001	phosphatidylesterase 8A [Source MGI; Symbol Acc MGI: 1577161]	
chr7	87,582,278	+	CG	0.0046	0.0008	0.161	16.128	0.400	40.000	0.116	11.638	2.328	0.223	22.325	4.465	0.238	23.871	CG	nearby	S Shore	Interon 1/15	Arf1	ENM1JG50000000088	chr7:87582278-87582279	ENM1JG50000000089	4.303	3.676	0.311	0.248	-1.195	0.0042	0.0003	renin-binding factor 1 [Source MGI; Symbol Acc MGI: 1586205]
chr7	87,582,278	+	CG	0.0046	0.0008	0.161	16.128	0.400	40.000	0.116	11.638	2.328	0.223	22.325	4.465	0.238	23.871	CG	nearby	S Shore	Interon 1/14	Arf1	ENM1JG50000000088	chr7:87582278-87582279	ENM1JG50000000089	0.377	1.125	0.301	0.241	2.083	0.0008	0.0000	renin-binding factor 1 [Source MGI; Symbol Acc MGI: 1586205]
chr7	87,582,322	+	CG	0.0029	0.0008	0.276	27.588	0.654	65.285	0.267	26.659	5.132	0.212	21.256	4.241	0.378	37.788	AG	S Shore	Interon 1/15	Arf1	ENM1JG50000000088	chr7:87582322-87582323	ENM1JG50000000089	4.303	3.676	0.311	0.248	-1.195	0.0042	0.0003	renin-binding factor 1 [Source MGI; Symbol Acc MGI: 1586205]	
chr7	87,582,322	+	CG	0.0029	0.0008	0.276	27.588	0.654	65.285	0.267	26.659	5.132	0.212	21.256	4.241	0.378	37.788	AG	S Shore	Interon 1/14	Arf1	ENM1JG50000000088	chr7:87582322-87582323	ENM1JG50000000089	0.377	1.125	0.301	0.241	2.083	0.0008	0.0000	renin-binding factor 1 [Source MGI; Symbol Acc MGI: 1586205]	
chr7	87,582,368	+	CG	0.0042	0.0008	0.154	15.365	0.409	40.908	0.080	8.027	1.805	0.265	26.489	5.294	0.255	25.544	CT	S Shore	Interon 1/15	Arf1	ENM1JG50000000088	chr7:87582368-87582369	ENM1JG50000000089	4.303	3.676	0.311	0.248	-1.195	0.0042	0.0003	renin-binding factor 1 [Source MGI; Symbol Acc MGI: 1586205]	
chr7	87,582,368	+	CG	0.0042	0.0008	0.154	15.365	0.409	40.908	0.080	8.027	1.805	0.265	26.489	5.294	0.255	25.544	CT	S Shore	Interon 1/15	Arf1	ENM1JG50000000088	chr7:87582368-87582369	ENM1JG50000000089	0.377	1.125	0.301	0.241	2.083	0.0008	0.0000	renin-binding factor 1 [Source MGI; Symbol Acc MGI: 1586205]	
chr7	87,405,442	+	CG	0.0071	0.0011	0.676	67.667	0.900	90.000	0.103	10.266	2.053	0.204	20.445	4.088	0.233	23.262	---	---	Open Sea	Interon 1/15	Arf1	ENM1JG50000000088	chr7:87405442-87405443	ENM1JG50000000089	4.303	3.676	0.311	0.248	-1.195	0.0042	0.0003	renin-binding factor 1 [Source MGI; Symbol Acc MGI: 1586205]
chr7	87,405,442	+	CG	0.0071	0.0011	0.676	67.667	0.900	90.000	0.103	10.266	2.053	0.204	20.445	4.088	0.233	23.262	---	---	Open Sea	Interon 1/14	Arf1	ENM1JG50000000088	chr7:87405442-87405443	ENM1JG50000000089	0.377	1.125	0.301	0.241	2.083	0.0008	0.0000	renin-binding factor 1 [Source MGI; Symbol Acc MGI: 1586205]
chr7	87,404,943	+	CG	0.0071	0.0011	0.676	67.667	0.900	90.000	0.103	10.266	2.053	0.204	20.445	4.088	0.233	23.262	---	---	Open Sea	Interon 1/14	Arf1	ENM1JG50000000088	chr7:87404943-87404944	ENM1JG50000000089	4.303	3.676	0.311	0.248	-1.195	0.0042	0.0003	renin-binding factor 1 [Source MGI; Symbol Acc MGI: 1586205]
chr7	87,404,943	+	CG	0.0055	0.1727	0.458	45.833	0.781	78.261	0.361	36.113	7.223	0.160	16.166	3.197	0.304	30.438	AA	Open Sea	Interon 2/14	Arf1	ENM1JG50000000088	chr7:87404943-87404944	ENM1JG50000000089	0.377	1.125	0.301	0.241	2.083	0.0008	0.0000	renin-binding factor 1 [Source MGI; Symbol Acc MGI: 1586205]	
chr7	102,186,546	+	CG	0.0058	0.1886	0.584	58.404	0.838	82.758	0.078	7.795	1.559	0.189	18.814	3.763	0.239	23.920	---	---	Open Sea	Interon 3/22	Arf1	ENM1JG50000000088	chr7:102186546-102186547	ENM1JG50000000089	13.003	6.643	0.680	1.285	-1.348	0.0001	0.0735	nucleosome 88 [Source MGI; Symbol Acc MGI: 1608404]
chr7	102,238,734	+	CG	0.0031	0.2525	0.467	46.714	0.710	71.622	0.268	26.812	5.342	0.169	16.842	3.388	-0.341	-34.080	---	---	N Shore	Interon 1/22	Arf1	ENM1JG50000000088	chr7:102238734-102238735	ENM1JG50000000089	13.003	6.643	0.680	1.285	-1.348	0.0001	0.0735	nucleosome 88 [Source MGI; Symbol Acc MGI: 1608404]
chr7	110,181,158	+	CG	0.0031	0.0006	0.486	48.751	0.703	70.230	0.103	10.274	2.055	0.171	17.078	3.476	0.307	30.759	TS	Open Sea	Interon 1/1	Arf1	ENM1JG50000000088	chr7:110181158-110181159	ENM1JG50000000089	9.749	5.870	0.540	0.588	-1.401	0.0004	0.0477	lymphatic vessel endothelial hyaluronan receptor 1 [Source MGI; Symbol Acc MGI: 1705454]	
chr7	110,184,619	+	CG	0.0037	0.0002	0.173	17.308	0.364	36.364	0.137	13.735	2.745	0.136	13.634	2.927	0.191	19.056	Check manually	Open Sea	Interon 1/10	Arf1	ENM1JG50000000088	chr7:110184619-110184620	ENM1JG50000000089	9.749	5.870	0.540	0.588	-1.401	0.0004	0.0477	lymphatic vessel endothelial hyaluronan receptor 1 [Source MGI; Symbol Acc MGI: 1705454]	
chr7	111,051,083	+	CG	0.0038	0.1716	0.844	84.434	0.531	53.125	0.130	13.042	2.458	0.281	28.079	5.676	-0.313	-31.255	AT	Open Sea	Interon 22/24	Cyfl	ENM1JG50000000088	chr7:111051083-111051084	ENM1JG50000000089	13.717	11.258	0.583	0.987	-1.238	0.0007	0.0474	CTDH homolog, Rb YFM polymerase 11 complex component [Source MGI; Symbol Acc MGI: 158484]	
chr7	116,511,684	+	CG	0.0034	0.1047	0.438	43.750	0.649	64.912	0.180	18.185	3.797	0.087	8.702	1.440	0.212	21.162	TS	Open Sea	Interon 1/13	Arf1	ENM1JG50000000088	chr7:116511684-116511685	ENM1JG50000000089	105.058	385.643	21.902	40.040	2.961	0.0040	0.0885	nucleosome 2 [Source MGI; Symbol Acc MGI: 1608378]	
chr7	123,382,845	+	CG	0.0040	0.0005	0.333	33.333	0.583	58.360	0.160	16.166	3.193	0.226	22.573	4.015	0.228	22.927	Check manually	Open Sea	Interon 1/16	Phallo	ENM1JG50000000088	chr7:123382845-123382846	ENM1JG50000000089	12.526	6.625	1.489	1.556	-1.452	0.0007	0.0878	protein kinase C, beta 1 [Source MGI; Symbol Acc MGI: 157998]	
chr7	123,382,845	+	CG	0.0038	0.0005	0.250	25.000	0.519	51.802	0.187	18.675	3.735	0.138	13.833	2.747	0.289	28.852	Check manually	Open Sea	Interon 2/16	Phallo	ENM1JG50000000088	chr7:123382845-123382846	ENM1JG50000000089	12.526	6.625	1.489	1.556	-1.452	0.0007	0.0878	protein kinase C, beta 1 [Source MGI; Symbol Acc MGI: 157998]	
chr7	123,382,284	+	CG	0.0088	0.0004	0.848	84.780	0.515	51.515	0.114	11.389	2.274	0.237	23.721	4.744	-0.383	-38.267	CA	Open Sea	Interon 1/16	Phallo	ENM1JG50000000088	chr7:123382284-123382285	ENM1JG50000000089	12.526	6.625	1.489	1.556	-1.452	0.0007	0.0878	protein kinase C, beta 1 [Source MGI; Symbol Acc MGI: 157998]	
chr7	123,975,227	+	CG	0.0087	0.0066	0.763	76.316	0.529	52.941	0.186	18.563	3.713	0.032	3.169	0.438	-0.234	-23.375	AT	Open Sea	Interon 1/2	Arf1	ENM1JG50000000088	chr										

chrX	74,381,027	+	CG	0.0319	0.0640	0.9309	93.909	0.680	68.966	0.420	41.989	8.198	0.160	16.007	3.201	-0.219	-21.944	CG: nearby	N:Shore	TSS: 2000	See	ENBAJ.GG.0000000885	N:14352556-14352551	ENBAJ.UTS0000000722	15.076	11.880	1.216	1.724	-1.313	0.0053	0.0076	1st exon (Source MGI: Symbol Acc: MGI:1100026)
chrX	83,380,961	+	CG	0.0081	0.0081	0.731	73.146	0.884	88.300	0.076	7.602	1.120	0.252	25.244	5.049	0.152	15.240	---	Open Sea	1st exon: 35' 36"	Flair	ENBAJ.GG.0000000678	N:10354765-10354765	ENBAJ.UTS0000000656	1.338	2.101	0.163	0.276	1.582	0.0014	0.0068	polymerase (CNA:0-wed-est), alpha 1 (Source MGI: Symbol Acc: MGI:1106002)
chrX	83,423,848	+	CG	0.0142	0.0052	0.650	65.000	0.919	91.802	0.209	20.917	4.183	0.070	7.010	1.452	0.269	26.802	Check manually	Open Sea	1st exon: 34' 36"	Flair	ENBAJ.GG.0000000678	N:10354765-10354765	ENBAJ.UTS0000000656	1.338	2.101	0.163	0.276	1.582	0.0014	0.0068	polymerase (CNA:0-wed-est), alpha 1 (Source MGI: Symbol Acc: MGI:1106002)
chrX	83,440,234	+	CG	0.0064	0.0052	0.488	48.760	0.645	64.486	0.143	14.344	2.869	0.178	17.815	3.163	0.157	15.705	TC	Open Sea	1st exon: 34' 36"	Flair	ENBAJ.GG.0000000678	N:10354765-10354765	ENBAJ.UTS0000000656	1.338	2.101	0.163	0.276	1.582	0.0014	0.0068	polymerase (CNA:0-wed-est), alpha 1 (Source MGI: Symbol Acc: MGI:1106002)
chrX	83,554,188	+	CG	0.0005	0.0778	0.487	48.759	0.676	67.619	0.242	24.221	4.844	0.147	14.662	2.152	0.189	18.880	at	Open Sea	1st exon: 34' 36"	Flair	ENBAJ.GG.0000000678	N:10354765-10354765	ENBAJ.UTS0000000656	1.338	2.101	0.163	0.276	1.582	0.0014	0.0068	polymerase (CNA:0-wed-est), alpha 1 (Source MGI: Symbol Acc: MGI:1106002)
chrX	83,671,532	+	CG	0.0112	0.2108	0.450	45.000	0.813	81.200	0.281	28.107	5.021	0.183	18.318	3.684	0.363	36.200	---	Open Sea	1st exon: 3' 36"	Flair	ENBAJ.GG.0000000678	N:10354765-10354765	ENBAJ.UTS0000000656	1.338	2.101	0.163	0.276	1.582	0.0014	0.0068	polymerase (CNA:0-wed-est), alpha 1 (Source MGI: Symbol Acc: MGI:1106002)
chrX	84,786,388	+	CG	0.0013	0.0022	0.386	38.620	0.789	78.920	0.218	21.763	4.353	0.142	14.169	2.840	0.373	37.300	GC	N:Shore	Check manually	G:126517	ENBAJ.GG.0000000740	N:10470102-10470107	ENBAJ.UTS0000000801	5.089	3.328	0.214	0.602	-1.532	0.0016	0.0701	pre-miR gene, 26517 (Source MGI: Symbol Acc: MGI:1147711)
chrX	85,035,188	+	CG	0.0425	0.0759	0.805	80.488	0.958	95.814	0.159	15.889	3.174	0.233	23.345	4.689	-0.247	-24.674	---	Open Sea	1st exon: 8' 9"	Arfter9	ENBAJ.GG.0000000555	N:95048054-05166381	ENBAJ.UTS0000010876	1.773	0.967	0.275	0.270	-1.634	0.0016	0.0088	CE282 genome nucleotide exchange 1st or (G:PT) 9 (Source MGI: Symbol Acc: MGI:12443228)
chrX	85,035,188	+	CG	0.0425	0.0759	0.805	80.488	0.958	95.814	0.159	15.889	3.174	0.233	23.345	4.689	-0.247	-24.674	---	Open Sea	1st exon: 8' 9"	Arfter9	ENBAJ.GG.0000000555	N:95048054-05166381	ENBAJ.UTS0000010883	1.587	0.768	0.300	0.303	-2.087	0.0042	0.0005	CE282 genome nucleotide exchange 1st or (G:PT) 9 (Source MGI: Symbol Acc: MGI:12443228)
chrX	85,057,803	+	CG	0.0424	0.0750	0.704	70.370	0.417	41.807	0.186	18.589	3.918	0.332	33.234	6.447	-0.287	-28.754	---	Open Sea	1st exon: 8' 9"	Arfter9	ENBAJ.GG.0000000555	N:95048054-05166381	ENBAJ.UTS0000010876	1.773	0.967	0.275	0.270	-1.634	0.0016	0.0088	CE282 genome nucleotide exchange 1st or (G:PT) 9 (Source MGI: Symbol Acc: MGI:12443228)
chrX	85,057,803	+	CG	0.0424	0.0750	0.704	70.370	0.417	41.807	0.186	18.589	3.918	0.332	33.234	6.447	-0.287	-28.754	---	Open Sea	1st exon: 8' 9"	Arfter9	ENBAJ.GG.0000000555	N:95048054-05166381	ENBAJ.UTS0000010883	1.587	0.768	0.300	0.303	-2.087	0.0042	0.0005	CE282 genome nucleotide exchange 1st or (G:PT) 9 (Source MGI: Symbol Acc: MGI:12443228)
chrX	85,087,606	+	CG	0.0053	0.0087	0.727	72.727	0.888	88.775	0.131	13.061	2.432	0.130	12.873	2.175	0.170	17.046	fg	Open Sea	1st exon: 7' 9"	Arfter9	ENBAJ.GG.0000000555	N:95048054-05166381	ENBAJ.UTS0000010876	1.773	0.967	0.275	0.270	-1.634	0.0016	0.0088	CE282 genome nucleotide exchange 1st or (G:PT) 9 (Source MGI: Symbol Acc: MGI:12443228)
chrX	85,087,606	+	CG	0.0053	0.0087	0.727	72.727	0.888	88.775	0.131	13.061	2.432	0.130	12.873	2.175	0.170	17.046	fg	Open Sea	1st exon: 7' 9"	Arfter9	ENBAJ.GG.0000000555	N:95048054-05166381	ENBAJ.UTS0000010883	1.587	0.768	0.300	0.303	-2.087	0.0042	0.0005	CE282 genome nucleotide exchange 1st or (G:PT) 9 (Source MGI: Symbol Acc: MGI:12443228)
chrX	85,086,682	+	CG	0.0076	0.0883	0.857	85.714	0.620	62.857	0.138	13.819	2.784	0.087	8.747	1.749	-0.228	-22.857	---	Open Sea	1st exon: 4' 9"	Arfter9	ENBAJ.GG.0000000555	N:95048054-05166381	ENBAJ.UTS0000010876	1.773	0.967	0.275	0.270	-1.634	0.0016	0.0088	CE282 genome nucleotide exchange 1st or (G:PT) 9 (Source MGI: Symbol Acc: MGI:12443228)
chrX	85,086,682	+	CG	0.0076	0.0883	0.857	85.714	0.620	62.857	0.138	13.819	2.784	0.087	8.747	1.749	-0.228	-22.857	---	Open Sea	1st exon: 4' 9"	Arfter9	ENBAJ.GG.0000000555	N:95048054-05166381	ENBAJ.UTS0000010883	1.587	0.768	0.300	0.303	-2.087	0.0042	0.0005	CE282 genome nucleotide exchange 1st or (G:PT) 9 (Source MGI: Symbol Acc: MGI:12443228)
chrX	85,140,377	+	CG	0.0081	0.1686	0.851	85.146	0.716	71.522	0.085	8.517	1.703	0.119	11.884	2.377	-0.136	-13.587	---	Open Sea	1st exon: 1' 9"	Arfter9	ENBAJ.GG.0000000555	N:95048054-05166381	ENBAJ.UTS0000010876	1.773	0.967	0.275	0.270	-1.634	0.0016	0.0088	CE282 genome nucleotide exchange 1st or (G:PT) 9 (Source MGI: Symbol Acc: MGI:12443228)
chrX	85,140,377	+	CG	0.0081	0.1686	0.851	85.146	0.716	71.522	0.085	8.517	1.703	0.119	11.884	2.377	-0.136	-13.587	---	Open Sea	1st exon: 1' 9"	Arfter9	ENBAJ.GG.0000000555	N:95048054-05166381	ENBAJ.UTS0000010883	1.587	0.768	0.300	0.303	-2.087	0.0042	0.0005	CE282 genome nucleotide exchange 1st or (G:PT) 9 (Source MGI: Symbol Acc: MGI:12443228)
chrX	85,140,223	+	CG	0.0109	0.8131	0.625	62.500	0.800	80.851	0.312	31.243	4.249	0.056	5.610	1.122	0.184	18.381	---	Open Sea	1st exon: 1' 9"	Arfter9	ENBAJ.GG.0000000555	N:95048054-05166381	ENBAJ.UTS0000010876	1.773	0.967	0.275	0.270	-1.634	0.0016	0.0088	CE282 genome nucleotide exchange 1st or (G:PT) 9 (Source MGI: Symbol Acc: MGI:12443228)
chrX	85,140,223	+	CG	0.0109	0.8131	0.625	62.500	0.800	80.851	0.312	31.243	4.249	0.056	5.610	1.122	0.184	18.381	---	Open Sea	1st exon: 1' 9"	Arfter9	ENBAJ.GG.0000000555	N:95048054-05166381	ENBAJ.UTS0000010883	1.587	0.768	0.300	0.303	-2.087	0.0042	0.0005	CE282 genome nucleotide exchange 1st or (G:PT) 9 (Source MGI: Symbol Acc: MGI:12443228)
chrX	88,842,802	+	CG	0.0033	0.0033	0.732	73.154	0.602	60.100	0.130	13.045	2.409	0.056	5.846	1.189	-0.130	-13.054	GC	Open Sea	1st exon: 1' 2"	Stran28	ENBAJ.GG.0000077719	N:10882100-10882100	ENBAJ.UTS0000000363	6.366	4.287	0.402	0.880	-1.481	0.0037	0.0877	transmembrane protein 28 (Source MGI: Symbol Acc: MGI:13648071)
chrX	134,597,784	+	CG	0.0472	0.0472	0.706	70.588	0.511	51.064	0.144	14.408	2.882	0.244	24.412	4.882	-0.185	-18.524	---	N:Shore	1st exon: 1' 6"	GA	ENBAJ.GG.0000077286	N:13488148-13488125	ENBAJ.UTS0000000321	5.779	8.338	0.714	0.631	1.443	0.0033	0.0475	galact oxidase, alpha (Source MGI: Symbol Acc: MGI:11547346)
chrX	134,602,489	+	CG	0.0037	0.0030	0.541	54.054	0.880	88.486	0.149	14.881	2.976	0.080	8.952	1.760	0.304	30.432	---	S:Shore	TSS: 1000	GA	ENBAJ.GG.0000000743	N:13488148-13488125	ENBAJ.UTS0000000360	5.779	8.338	0.714	0.631	1.443	0.0033	0.0475	galact oxidase, alpha (Source MGI: Symbol Acc: MGI:11547346)
chrX	152,304,274	+	CG	0.0107	0.1759	0.741	74.074	0.370	37.037	0.205	20.494	4.099	0.223	22.317	4.463	-0.370	-37.037	---	Open Sea	1st exon: 2' 2"	Wnt7r	ENBAJ.GG.0000000743	N:10253487-10253485	ENBAJ.UTS0000000360	7.363	4.883	0.403	1.081	-1.935	0.0044	0.0911	HmN3c adjacent non-coding (Source MGI: Symbol Acc: MGI:1030247)
chrX	152,140,988	+	CG	0.0089	0.0003	0.200	20.000	0.580	58.000	0.131	13.095	2.679	0.261	26.112	7.226	0.360	36.000	GA	S:Shore	1st exon: 1' 10"	Ragb	ENBAJ.GG.000004803	N:10253380-102537043	ENBAJ.UTS0000000720	12.427	8.669	1.412	1.132	-1.400	0.0016	0.0701	Ran-related GTP-binding B (Source MGI: Symbol Acc: MGI:10388012)
chrX	152,168,712	+	CG	0.0484	0.1883	0.765	76.471	0.914	91.275	0.274	27.438	7.488	0.131	13.056	2.611	0.149	14.800	---	Open Sea	1st exon: 5' 10"	Ragb	ENBAJ.GG.000004803	N:10253380-102537043	ENBAJ.UTS0000000720	12.427	8.669	1.412	1.132	-1.400	0.0016	0.0701	Ran-related GTP-binding B (Source MGI: Symbol Acc: MGI:10388012)
chrX	164,024,863	+	CG	0.0036	0.0036	0.520	52.000	0.821	82.140	0.275	27.466	7.493	0.214	21.396	4.279	0.201	20.140	---	Open Sea	1st exon: 2' 6"	Atg10	ENBAJ.GG.0000033384	N:10465036-104650752	ENBAJ.UTS0000000756	1.448	4.388	0.756	0.988	3.032	0.0010	0.0625	serpin repeat, and SDC3-like core motif 9 (Source MGI: Symbol Acc: MGI:11818548)

Supplementary Table S13: Prospective association between T2D and DNA methylation in blood cells of participants in a nested case-control subcohort from EPIC-Potsdam study. All CpG sites used in the analysis are included in the table. Methylation profiles were assessed by 850K arrays.

CpG site	Gene symbol	Chromosome	unadjusted p-value	Estimate_direction	Genomic region
cg27653023	<i>GPC4</i>	chrX	1.51E-05	+ T2D risk	TSS200
cg27635069	<i>NGF</i>	chr1	1.87E-05	- T2D risk	5'UTR
cg21919076	<i>GRK5</i>	chr10	1.90E-05	+ T2D risk	Body
cg06471042	<i>MEIS2</i>	chr15	3.75E-05	- T2D risk	5'UTR
cg06471042	<i>MEIS2</i>	chr15	3.75E-05	- T2D risk	TSS200
cg06471042	<i>MEIS2</i>	chr15	3.75E-05	- T2D risk	TSS1500
cg25381383	<i>MEIS2</i>	chr15	3.94E-05	- T2D risk	TSS1500
cg18526361	<i>PRKCB</i>	chr16	4.57E-05	- T2D risk	TSS200
cg12989718	<i>MGRN1</i>	chr16	4.91E-05	+ T2D risk	Body
cg12989718	<i>MGRN1</i>	chr16	4.91E-05	+ T2D risk	3'UTR
cg01815730	<i>KIAA1217</i>	chr10	5.78E-05	+ T2D risk	Body
cg24926872	<i>ATP6V1H</i>	chr8	6.41E-05	- T2D risk	5'UTR
cg24926872	<i>ATP6V1H</i>	chr8	6.41E-05	- T2D risk	TSS200
cg01886741	<i>BIRC5</i>	chr17	8.84E-05	- T2D risk	1stExon
cg01886741	<i>BIRC5</i>	chr17	8.84E-05	- T2D risk	5'UTR
cg15848147	<i>USP53</i>	chr4	1.04E-04	- T2D risk	TSS1500
cg16253064	<i>STX6</i>	chr1	1.30E-04	+ T2D risk	3'UTR
cg17713780	<i>ATP8A2</i>	chr13	1.66E-04	- T2D risk	TSS1500
cg15185106	<i>AMD1</i>	chr6	1.93E-04	- T2D risk	TSS1500
cg02766895	<i>TPCN1</i>	chr12	2.18E-04	- T2D risk	5'UTR
cg07521618	<i>PACS2</i>	chr14	2.57E-04	+ T2D risk	Body
cg17489964	<i>CTR9</i>	chr11	2.78E-04	- T2D risk	TSS200
cg03988778	<i>SVIP</i>	chr11	2.91E-04	- T2D risk	Body
cg09697668	<i>CHID1</i>	chr11	2.94E-04	+ T2D risk	5'UTR
cg02529459	<i>PDLIM5</i>	chr4	3.03E-04	+ T2D risk	5'UTR
cg02529459	<i>PDLIM5</i>	chr4	3.03E-04	+ T2D risk	Body
cg17714232	<i>ITGA1</i>	chr5	3.17E-04	- T2D risk	Body
cg16563929	<i>DIP2C</i>	chr10	3.29E-04	- T2D risk	Body
cg26435149	<i>ERC2</i>	chr3	3.72E-04	- T2D risk	3'UTR
cg23098236	<i>UBE2K</i>	chr4	3.75E-04	+ T2D risk	Body
cg21568240	<i>TAB2</i>	chr6	3.83E-04	- T2D risk	5'UTR
cg21568240	<i>TAB2</i>	chr6	3.83E-04	- T2D risk	Body
cg20891097	<i>MEIS2</i>	chr15	4.56E-04	+ T2D risk	5'UTR
cg20891097	<i>MEIS2</i>	chr15	4.56E-04	+ T2D risk	1stExon
cg20891097	<i>MEIS2</i>	chr15	4.56E-04	+ T2D risk	Body
cg20891097	<i>MEIS2</i>	chr15	4.56E-04	+ T2D risk	TSS1500
cg07374160	<i>TANC2</i>	chr17	4.71E-04	- T2D risk	Body
cg18261462	<i>SKAP1</i>	chr17	4.78E-04	- T2D risk	TSS200
cg10478435	<i>KCNJ12</i>	chr17	5.42E-04	- T2D risk	5'UTR
cg17455939	<i>ATP2B1</i>	chr12	5.46E-04	+ T2D risk	Body
cg02556117	<i>KDM4B</i>	chr19	5.50E-04	+ T2D risk	Body
cg27526736	<i>PDE8A</i>	chr15	5.60E-04	+ T2D risk	5'UTR
cg27526736	<i>PDE8A</i>	chr15	5.60E-04	+ T2D risk	Body
cg20897685	<i>SPOCK1</i>	chr5	5.63E-04	- T2D risk	5'UTR
cg08442823	<i>PHF21A</i>	chr11	5.99E-04	+ T2D risk	3'UTR
cg20027894	<i>SGSM2</i>	chr17	6.24E-04	+ T2D risk	Body
cg02145324	<i>NPAT</i>	chr11	6.31E-04	- T2D risk	Body
cg17711763	<i>ANK2</i>	chr4	6.33E-04	- T2D risk	1stExon
cg17711763	<i>ANK2</i>	chr4	6.33E-04	- T2D risk	5'UTR
cg10051299	<i>PACS2</i>	chr14	6.40E-04	- T2D risk	TSS1500
cg01355382	<i>PHF21A</i>	chr11	6.42E-04	+ T2D risk	3'UTR
cg19769147	<i>PACS2</i>	chr14	6.45E-04	+ T2D risk	Body
cg07620889	<i>RHBDD1</i>	chr2	6.46E-04	- T2D risk	TSS200
cg23299156	<i>ST20</i>	chr15	6.59E-04	+ T2D risk	5'UTR
cg22066262	<i>ROBO2</i>	chr3	6.74E-04	- T2D risk	Body
cg13795589	<i>ULK4</i>	chr3	6.89E-04	+ T2D risk	Body
cg10988513	<i>DLL4</i>	chr15	7.15E-04	+ T2D risk	Body
cg16495675	<i>RTN4</i>	chr2	7.30E-04	+ T2D risk	TSS200
cg16495675	<i>RTN4</i>	chr2	7.30E-04	+ T2D risk	Body
cg12091254	<i>PDLIM5</i>	chr4	7.35E-04	- T2D risk	5'UTR
cg12091254	<i>PDLIM5</i>	chr4	7.35E-04	- T2D risk	Body
cg11479000	<i>APC</i>	chr5	7.63E-04	- T2D risk	5'UTR

cg00067574	<i>RHOQ</i>	chr2	7.73E-04	- T2D risk	1stExon
cg25625815	<i>CUX2</i>	chr12	7.78E-04	+ T2D risk	Body
cg04094829	<i>CUX1</i>	chr7	7.78E-04	+ T2D risk	Body
cg04583637	<i>RAP2A</i>	chr13	7.96E-04	+ T2D risk	TSS1500
cg20011562	<i>PHACTR1</i>	chr6	8.00E-04	- T2D risk	Body
cg10107779	<i>GGPS1</i>	chr1	8.31E-04	- T2D risk	TSS1500
cg27365342	<i>PHACTR1</i>	chr6	8.54E-04	+ T2D risk	Body
cg00025991	<i>DIP2C</i>	chr10	8.68E-04	+ T2D risk	TSS1500
cg13580196	<i>PDE8A</i>	chr15	8.94E-04	- T2D risk	Body
cg18540455	<i>CLASP2</i>	chr3	9.36E-04	- T2D risk	5'UTR
cg18540455	<i>CLASP2</i>	chr3	9.36E-04	- T2D risk	1stExon
cg25593249	<i>ERC2</i>	chr3	9.89E-04	+ T2D risk	3'UTR
cg05347173	<i>TJP1</i>	chr15	0.001068441	- T2D risk	Body
cg15933216	<i>KIAA1109</i>	chr4	0.001070679	- T2D risk	Body
cg21008098	<i>ZHX2</i>	chr8	0.001083752	- T2D risk	TSS1500
cg01843524	<i>ST20</i>	chr15	0.001083862	- T2D risk	TSS200
cg06178492	<i>COL4A1</i>	chr13	0.001137303	+ T2D risk	Body
cg08635723	<i>ATXN1</i>	chr6	0.00116436	- T2D risk	5'UTR
cg22371518	<i>MET</i>	chr7	0.001290006	- T2D risk	Body
cg26462239	<i>NPEPPS</i>	chr17	0.001294059	+ T2D risk	1stExon
cg22192368	<i>ANK2</i>	chr4	0.001298803	+ T2D risk	Body
cg22928497	<i>ANK3</i>	chr10	0.001388522	- T2D risk	Body
cg01246802	<i>PRKAG2</i>	chr7	0.001390888	+ T2D risk	Body
cg19825305	<i>CLOCK</i>	chr4	0.001441711	- T2D risk	Body
cg16854293	<i>USP53</i>	chr4	0.001446955	- T2D risk	5'UTR
cg04979551	<i>CREBBP</i>	chr16	0.00149869	- T2D risk	Body
cg13504410	<i>DYNC1I2</i>	chr2	0.001511245	- T2D risk	Body
cg16505702	<i>EFR3A</i>	chr8	0.001512458	+ T2D risk	Body
cg14225031	<i>LMX1B</i>	chr9	0.001543898	- T2D risk	Body
cg18913076	<i>TSGA10</i>	chr2	0.001589244	+ T2D risk	TSS200
cg04382468	<i>CLEC16A</i>	chr16	0.001613303	+ T2D risk	Body
cg26309715	<i>DYNC1I1</i>	chr7	0.001669947	- T2D risk	Body
cg05572930	<i>RNF217</i>	chr6	0.001714967	- T2D risk	3'UTR
cg18594405	<i>CUX1</i>	chr7	0.001736718	+ T2D risk	Body
cg04747406	<i>ANK3</i>	chr10	0.001741236	+ T2D risk	Body
cg25637388	<i>CLASP2</i>	chr3	0.001780222	- T2D risk	Body
cg09219986	<i>RHOA</i>	chr3	0.001856579	- T2D risk	Body
cg02251315	<i>PACRG</i>	chr6	0.001859027	- T2D risk	Body
cg02403951	<i>RBBP6</i>	chr16	0.001874039	+ T2D risk	Body
cg07438412	<i>PACS2</i>	chr14	0.001880501	+ T2D risk	Body
cg26670792	<i>LMX1B</i>	chr9	0.001901158	- T2D risk	TSS200
cg06121031	<i>KDM4B</i>	chr19	0.001951148	+ T2D risk	Body
cg02763189	<i>APBA1</i>	chr9	0.001974492	+ T2D risk	3'UTR
cg21729242	<i>FLT1</i>	chr13	0.002008309	- T2D risk	Body
cg09699430	<i>CMTR1</i>	chr6	0.002023642	- T2D risk	Body
cg25398032	<i>PDLIM5</i>	chr4	0.002043356	+ T2D risk	TSS1500
cg00333583	<i>PDE8A</i>	chr15	0.002047574	- T2D risk	Body
cg02552307	<i>PTPRU</i>	chr1	0.002057286	+ T2D risk	Body
cg22354782	<i>NGF</i>	chr1	0.002098306	- T2D risk	TSS1500
cg27347728	<i>LAP3</i>	chr4	0.002114158	- T2D risk	TSS200
cg26909924	<i>LAMA4</i>	chr6	0.002128141	+ T2D risk	Body
cg04349506	<i>DNAH9</i>	chr17	0.0021415	- T2D risk	Body
cg12350036	<i>CREBBP</i>	chr16	0.002142327	+ T2D risk	Body
cg07248377	<i>MGRN1</i>	chr16	0.002155533	+ T2D risk	Body
cg11417616	<i>TJP1</i>	chr15	0.002175818	- T2D risk	Body
cg03929722	<i>PRKAG2</i>	chr7	0.002186145	+ T2D risk	Body
cg06900418	<i>PRKAG2</i>	chr7	0.002298161	- T2D risk	5'UTR
cg06900418	<i>PRKAG2</i>	chr7	0.002298161	- T2D risk	1stExon
cg01996920	<i>AGPAT3</i>	chr21	0.002300607	+ T2D risk	Body
cg14694038	<i>KDM4B</i>	chr19	0.002367778	+ T2D risk	Body
cg20873527	<i>RAP1GAP2</i>	chr17	0.002369685	+ T2D risk	Body
cg02198983	<i>NDUFB3</i>	chr2	0.002385657	+ T2D risk	TSS200
cg05235431	<i>RAP1GAP2</i>	chr17	0.002398723	+ T2D risk	Body
cg11141437	<i>RAP1GAP2</i>	chr17	0.002444243	+ T2D risk	Body
cg09244071	<i>CUX1</i>	chr7	0.0025135	+ T2D risk	Body
cg14156405	<i>RGS7</i>	chr1	0.00253313	- T2D risk	1stExon
cg14156405	<i>RGS7</i>	chr1	0.00253313	- T2D risk	5'UTR
cg08668411	<i>PDE8A</i>	chr15	0.002556717	- T2D risk	TSS200
cg08668411	<i>PDE8A</i>	chr15	0.002556717	- T2D risk	5'UTR
cg16531855	<i>DNAJC13</i>	chr3	0.002721789	- T2D risk	Body

cg17720614	KREMEN1	chr22	0.002738005	- T2D risk	TSS1500
cg17720614	KREMEN1	chr22	0.002738005	- T2D risk	TSS200
cg08516083	PLEKHG3	chr14	0.002740396	+ T2D risk	Body
cg05947499	TPCN1	chr12	0.002801892	+ T2D risk	Body
cg16936281	CHID1	chr11	0.002838921	+ T2D risk	1stExon
cg16936281	CHID1	chr11	0.002838921	+ T2D risk	5'UTR
cg08990088	NUF2	chr1	0.002860961	- T2D risk	5'UTR
cg02750234	NF1	chr17	0.002898285	- T2D risk	Body
cg00901652	CTR9	chr11	0.002910943	- T2D risk	TSS1500
cg08090017	IFT74	chr9	0.00296211	- T2D risk	5'UTR
cg09914263	TENM2	chr5	0.002971172	- T2D risk	Body
cg15881944	SRPK2	chr7	0.003118412	- T2D risk	Body
cg02089787	PPFIBP1	chr12	0.003120478	- T2D risk	5'UTR
cg13653144	LMX1B	chr9	0.003135065	- T2D risk	TSS1500
cg03857847	CLASP2	chr3	0.00313611	- T2D risk	Body
cg03857847	CLASP2	chr3	0.00313611	- T2D risk	TSS1500
cg15266530	CALD1	chr7	0.003222097	- T2D risk	5'UTR
cg24409063	RAP1GAP2	chr17	0.00323431	- T2D risk	Body
cg17861458	DIP2C	chr10	0.003329542	+ T2D risk	Body
cg01047904	PDE3A	chr12	0.003331273	- T2D risk	TSS1500
cg02206526	ADCY5	chr3	0.003379193	+ T2D risk	Body
cg03910724	PRKCE	chr2	0.003404074	- T2D risk	Body
cg26068141	NCOA2	chr8	0.00343328	- T2D risk	5'UTR
cg00063703	PDE3A	chr12	0.003493844	- T2D risk	TSS1500
cg00063535	TPCN1	chr12	0.00351693	+ T2D risk	Body
cg21122370	SLIT3	chr5	0.00352687	- T2D risk	TSS1500
cg03120841	ASH1L	chr1	0.00354398	- T2D risk	Body
cg11009792	NQO1	chr16	0.003566338	- T2D risk	5'UTR
cg11009792	NQO1	chr16	0.003566338	- T2D risk	TSS200
cg11009792	NQO1	chr16	0.003566338	- T2D risk	1stExon
cg01443775	PDE7A	chr8	0.003624916	+ T2D risk	3'UTR
cg19885761	CPLX2	chr5	0.003663577	- T2D risk	5'UTR
cg19885761	CPLX2	chr5	0.003663577	- T2D risk	1stExon
cg16789104	SKAP1	chr17	0.003664524	- T2D risk	TSS200
cg04138502	ADCY5	chr3	0.003666873	- T2D risk	TSS200
cg14922223	NUF2	chr1	0.003703843	- T2D risk	TSS200
cg22007739	ASH1L	chr1	0.003704614	+ T2D risk	3'UTR
cg09814034	CDH22	chr20	0.003757244	+ T2D risk	Body
cg01089538	ST6GAL1	chr3	0.003770521	+ T2D risk	5'UTR
cg21113509	ATRN	chr20	0.003801463	+ T2D risk	Body
cg27509153	ERC2	chr3	0.00380225	+ T2D risk	Body
cg04301450	RAP1GAP2	chr17	0.003860252	+ T2D risk	Body
cg20578356	SEC31A	chr4	0.003871252	+ T2D risk	Body
cg16092330	PACS2	chr14	0.003882573	- T2D risk	3'UTR
cg07351637	GALK2	chr15	0.003899757	- T2D risk	Body
cg14433374	SCAF8	chr6	0.003908965	+ T2D risk	Body
cg01000056	ANK3	chr10	0.003912277	- T2D risk	Body
cg15063355	CHFR	chr12	0.00392493	- T2D risk	TSS1500
cg17918777	ST20	chr15	0.003962481	- T2D risk	5'UTR
cg17918777	ST20	chr15	0.003962481	- T2D risk	Body
cg24852777	CUX2	chr12	0.00405559	+ T2D risk	Body
cg01956003	MTHFS	chr15	0.004088613	+ T2D risk	TSS1500
cg17823892	PDE8A	chr15	0.004109686	- T2D risk	TSS200
cg07750706	PLAGL1	chr6	0.004113839	- T2D risk	5'UTR
cg01360545	ANK3	chr10	0.004117363	- T2D risk	Body
cg00499245	DIP2C	chr10	0.004154011	+ T2D risk	Body
cg16004202	FNIP2	chr4	0.004194574	- T2D risk	TSS1500
cg01431319	TIMM23	chr10	0.004212516	- T2D risk	Body
cg16520815	MGRN1	chr16	0.0042219	+ T2D risk	Body
cg08288320	NQO1	chr16	0.00424129	+ T2D risk	Body
cg01703291	PDE8A	chr15	0.004276716	+ T2D risk	Body
cg24089600	COL4A1	chr13	0.004299712	- T2D risk	TSS1500
cg22428867	PDE7A	chr8	0.004302285	- T2D risk	Body
cg18455616	INPP4A	chr2	0.004336491	- T2D risk	5'UTR
cg25271919	NGLY1	chr3	0.004388735	- T2D risk	1stExon
cg25271919	OXSM	chr3	0.004388735	- T2D risk	TSS200
cg25271919	NGLY1	chr3	0.004388735	- T2D risk	5'UTR
cg04900927	MAN1A1	chr6	0.004506392	- T2D risk	Body
cg09630589	ARPP19	chr15	0.00451213	- T2D risk	Body
cg10587454	EFR3A	chr8	0.004513776	+ T2D risk	Body

cg21906038	UNC80	chr2	0.004520735	- T2D risk	TSS1500
cg14083707	AGPAT3	chr21	0.004565736	- T2D risk	5'UTR
cg21340207	COL4A1	chr13	0.004580633	- T2D risk	Body
cg21463518	PRKAG2	chr7	0.004605709	+ T2D risk	Body
cg03182620	DIP2C	chr10	0.004647339	- T2D risk	Body
cg26155318	YWHAQ	chr2	0.004653932	+ T2D risk	Body
cg00678114	SGSM2	chr17	0.004665825	+ T2D risk	Body
cg24902461	GRK5	chr10	0.004765547	- T2D risk	Body
cg13096859	ATP8A2	chr13	0.004841539	- T2D risk	Body
cg18126938	RGS7	chr1	0.004842185	- T2D risk	Body
cg09265397	NOTCH3	chr19	0.004867554	- T2D risk	Body
cg26134124	TOP2A	chr17	0.004891576	+ T2D risk	TSS1500
cg00172488	TMEM131	chr2	0.004951332	+ T2D risk	Body
cg19734201	UBE2K	chr4	0.004962651	- T2D risk	TSS200
cg21269164	ST20	chr15	0.004978811	- T2D risk	TSS200
cg21269164	ST20	chr15	0.004978811	- T2D risk	Body
cg10338829	ASXL2	chr2	0.005009175	- T2D risk	Body
cg20511056	TMEM59	chr1	0.005132982	- T2D risk	TSS1500
cg03416665	PDLIM5	chr4	0.005223576	- T2D risk	5'UTR
cg03416665	PDLIM5	chr4	0.005223576	- T2D risk	Body
cg23098052	SCARB2	chr4	0.005272136	- T2D risk	Body
cg03874197	RANBP17	chr5	0.005283595	+ T2D risk	Body
cg11588103	ZHX2	chr8	0.005290043	+ T2D risk	5'UTR
cg03245195	ARL8B	chr3	0.005322025	+ T2D risk	Body
cg18974117	ATRN1	chr10	0.005338773	- T2D risk	Body
cg11594811	CADM1	chr11	0.005366298	- T2D risk	Body
cg06351796	ATXN1	chr6	0.005372827	- T2D risk	5'UTR
cg15032909	RANBP17	chr5	0.005455446	- T2D risk	3'UTR
cg07584692	CLEC16A	chr16	0.005462121	- T2D risk	Body
cg16675193	USP29	chr19	0.005474545	- T2D risk	TSS1500
cg24509104	PDE3A	chr12	0.005554818	- T2D risk	3'UTR
cg18227776	NCOA2	chr8	0.005592484	+ T2D risk	Body
cg20883943	DDC	chr7	0.005598447	- T2D risk	5'UTR
cg23098114	KDM4B	chr19	0.005637612	+ T2D risk	5'UTR
cg12107278	TAB2	chr6	0.005696056	- T2D risk	Body
cg03894975	PTPRU	chr1	0.00571503	- T2D risk	Body
cg23978242	DIP2C	chr10	0.005737457	- T2D risk	Body
cg01678580	MGRN1	chr16	0.005737906	+ T2D risk	TSS1500
cg22752532	TSC22D1	chr13	0.005772852	- T2D risk	Body
cg22752532	TSC22D1	chr13	0.005772852	- T2D risk	TSS200
cg10908196	MGRN1	chr16	0.005794782	+ T2D risk	Body
cg13636817	DNAH9	chr17	0.005835344	- T2D risk	Body
cg17148755	CUX1	chr7	0.005840146	+ T2D risk	Body
cg14416337	CDK8	chr13	0.005891572	+ T2D risk	TSS1500
cg22549984	DIP2C	chr10	0.005898339	+ T2D risk	Body
cg20515302	MEIS2	chr15	0.005902086	+ T2D risk	5'UTR
cg20515302	MEIS2	chr15	0.005902086	+ T2D risk	1stExon
cg20515302	MEIS2	chr15	0.005902086	+ T2D risk	Body
cg20515302	MEIS2	chr15	0.005902086	+ T2D risk	TSS1500
cg24004414	CLOCK	chr4	0.005905888	+ T2D risk	5'UTR
cg09571420	CNTNAP2	chr7	0.005997844	- T2D risk	TSS1500
cg12569592	ATXN1	chr6	0.006020625	+ T2D risk	5'UTR
cg24886785	ERC2	chr3	0.006051361	+ T2D risk	3'UTR
cg21751491	SMG7	chr1	0.00606642	- T2D risk	TSS200
cg07689561	TAB2	chr6	0.006120769	- T2D risk	5'UTR
cg07689561	TAB2	chr6	0.006120769	- T2D risk	Body
cg12111758	CUX2	chr12	0.006201607	- T2D risk	Body
cg00506389	ERC2	chr3	0.006237414	+ T2D risk	3'UTR
cg26673396	ST20	chr15	0.006239926	+ T2D risk	5'UTR
cg16605751	NCOA7	chr6	0.006243233	- T2D risk	5'UTR
cg05203917	PDE8A	chr15	0.006254277	+ T2D risk	Body
cg14720888	CNTROB	chr17	0.006259742	- T2D risk	TSS200
cg20406576	PRKAG2	chr7	0.00628517	+ T2D risk	Body
cg24065957	ARL15	chr5	0.006295462	- T2D risk	Body
cg23680523	TPCN1	chr12	0.006360328	+ T2D risk	Body
cg25819424	RAP1GAP2	chr17	0.006366161	+ T2D risk	Body
cg04761980	TTC28	chr22	0.006389686	- T2D risk	Body
cg23000765	GALK2	chr15	0.006422742	- T2D risk	Body
cg23000765	GALK2	chr15	0.006422742	- T2D risk	TSS200
cg13492133	SMG7	chr1	0.006527223	+ T2D risk	Body

cg06986184	PDE7A	chr8	0.006546778	+ T2D risk	3'UTR
cg05994652	ULK4	chr3	0.006606282	+ T2D risk	Body
cg27130075	COL4A1	chr13	0.006781246	+ T2D risk	Body
cg21982700	POC1B	chr12	0.006808293	+ T2D risk	TSS200
cg21982700	POC1B	chr12	0.006808293	+ T2D risk	TSS1500
cg03325406	GLG1	chr16	0.006809804	+ T2D risk	TSS200
cg13762595	PHACTR1	chr6	0.006818572	- T2D risk	Body
cg09409594	ATXN1	chr6	0.006877008	+ T2D risk	5'UTR
cg23511374	NUP98	chr11	0.006915526	- T2D risk	TSS200
cg21929771	PTPRU	chr1	0.006986247	- T2D risk	Body
cg17161697	ASH1L	chr1	0.006990552	+ T2D risk	Body
cg26690956	SLIT3	chr5	0.007030568	- T2D risk	Body
cg05134183	GLG1	chr16	0.007063329	+ T2D risk	3'UTR
cg05134183	GLG1	chr16	0.007063329	+ T2D risk	Body
cg11803871	ADCY5	chr3	0.007066305	- T2D risk	Body
cg24734184	PPP1R12A	chr12	0.007072754	+ T2D risk	Body
cg03794759	SPOCK1	chr5	0.007081625	- T2D risk	Body
cg13969273	NQO1	chr16	0.007130375	+ T2D risk	TSS200
cg08491843	ZHX2	chr8	0.00713649	+ T2D risk	5'UTR
cg16718760	ERC2	chr3	0.007232838	- T2D risk	Body
cg10448724	DIP2C	chr10	0.007241279	- T2D risk	Body
cg01962428	DKK2	chr4	0.007272804	- T2D risk	1stExon
cg01962428	DKK2	chr4	0.007272804	- T2D risk	5'UTR
cg11955954	RAP1GAP2	chr17	0.007324665	- T2D risk	Body
cg18500826	MDM1	chr12	0.007393809	- T2D risk	Body
cg10958924	MEIS2	chr15	0.007417543	- T2D risk	5'UTR
cg10958924	MEIS2	chr15	0.007417543	- T2D risk	1stExon
cg10958924	MEIS2	chr15	0.007417543	- T2D risk	Body
cg10958924	MEIS2	chr15	0.007417543	- T2D risk	TSS1500
cg17160384	CCNB1	chr5	0.007439673	- T2D risk	TSS200
cg00793166	ATP6V1A	chr3	0.007440874	- T2D risk	5'UTR
cg11075883	CNTNAP2	chr7	0.007447529	- T2D risk	Body
cg09873502	ATP6V1H	chr8	0.00749291	- T2D risk	Body
cg10083889	CLEC16A	chr16	0.007514434	+ T2D risk	Body
cg07781445	RAP1GAP2	chr17	0.007517485	+ T2D risk	Body
cg11553068	PACS2	chr14	0.007544829	- T2D risk	1stExon
cg11553068	PACS2	chr14	0.007544829	- T2D risk	5'UTR
cg10090769	MGRN1	chr16	0.007564295	+ T2D risk	3'UTR
cg15862380	DIP2C	chr10	0.007607121	+ T2D risk	Body
cg11806203	EVI5	chr1	0.007648912	+ T2D risk	Body
cg19423197	ATP6V1A	chr3	0.0076568	- T2D risk	TSS1500
cg21851032	PRKCE	chr2	0.007734647	+ T2D risk	Body
cg05661869	DIP2C	chr10	0.00782938	- T2D risk	Body
cg02790021	SEZ6L	chr22	0.007838159	- T2D risk	TSS200
cg09872841	ITPKB	chr1	0.00785932	+ T2D risk	Body
cg10055059	NOL4	chr18	0.007886349	- T2D risk	Body
cg23799375	PACRG	chr6	0.007995603	- T2D risk	TSS200
cg23799375	PACRG	chr6	0.007995603	- T2D risk	TSS1500
cg00856223	TTC28	chr22	0.007999044	- T2D risk	Body
cg06397510	PTP4A2	chr1	0.00802195	- T2D risk	5'UTR
cg06397510	PTP4A2	chr1	0.00802195	- T2D risk	1stExon
cg15255263	CUX1	chr7	0.008100965	+ T2D risk	Body
cg04959674	MMS19	chr10	0.008110411	- T2D risk	Body
cg19062098	HNRNPA2B1	chr7	0.008148214	+ T2D risk	Body
cg14124980	RBM4	chr11	0.008227208	+ T2D risk	TSS1500
cg14105047	PDLIM5	chr4	0.008257208	- T2D risk	TSS1500
cg22287067	NOL4	chr18	0.008308784	- T2D risk	TSS200
cg08005692	ASH1L	chr1	0.008336224	+ T2D risk	5'UTR
cg02763019	LCA5	chr6	0.008348813	- T2D risk	5'UTR
cg17035311	INPP4A	chr2	0.008356075	+ T2D risk	Body
cg01570055	ST8SIA1	chr12	0.008464951	+ T2D risk	3'UTR
cg27456274	ANKHD1	chr5	0.008468293	- T2D risk	5'UTR
cg27456274	ANKHD1	chr5	0.008468293	- T2D risk	1stExon
cg02174680	RGS7	chr1	0.00847966	- T2D risk	TSS200
cg11222527	ITPKB	chr1	0.008498374	+ T2D risk	TSS200
cg07594478	ARIH1	chr15	0.008642714	- T2D risk	TSS200
cg13590863	GLG1	chr16	0.008689471	- T2D risk	Body
cg06439603	DIP2C	chr10	0.008739338	- T2D risk	Body
cg03505179	PRKD1	chr14	0.008787586	+ T2D risk	Body
cg26132449	TPCN1	chr12	0.008788732	- T2D risk	Body

cg17274632	GRK5	chr10	0.008788935	+ T2D risk	Body
cg24312719	EVI5	chr1	0.008955478	- T2D risk	Body
cg26886089	CUX1	chr7	0.008968191	- T2D risk	Body
cg05702952	PDK1	chr2	0.009002219	+ T2D risk	1stExon
cg17140307	EVI5	chr1	0.009031365	- T2D risk	Body
cg21281892	LYVE1	chr11	0.009040953	- T2D risk	TSS200
cg17038116	ASH1L	chr1	0.009046406	- T2D risk	TSS1500
cg01681049	SCAF8	chr6	0.009114718	- T2D risk	Body
cg19313015	CHFR	chr12	0.009122229	- T2D risk	TSS200
cg04238959	YWHAQ	chr2	0.009128682	- T2D risk	Body
cg10739684	PHF21A	chr11	0.009132542	+ T2D risk	TSS1500
cg25432913	PACS2	chr14	0.00915193	- T2D risk	5'UTR
cg21995039	NF1	chr17	0.009210737	- T2D risk	Body
cg10037579	PRKAG2	chr7	0.009254969	+ T2D risk	Body
cg00385906	MAN1A2	chr1	0.009292215	- T2D risk	1stExon
cg00385906	MAN1A2	chr1	0.009292215	- T2D risk	5'UTR
cg19191594	AGPAT3	chr21	0.009351094	+ T2D risk	5'UTR
cg00956010	SGSM2	chr17	0.009370592	- T2D risk	TSS1500
cg13547577	PRKCE	chr2	0.009407179	- T2D risk	TSS200
cg08486948	PRKCE	chr2	0.009423927	+ T2D risk	Body
cg00877966	IFT74	chr9	0.009452683	- T2D risk	5'UTR
cg00877966	IFT74	chr9	0.009452683	- T2D risk	TSS200
cg05209405	NCOA7	chr6	0.009474012	- T2D risk	5'UTR
cg05209405	NCOA7	chr6	0.009474012	- T2D risk	Body
cg26958426	NUP98	chr11	0.009488816	+ T2D risk	Body
cg26958426	NUP98	chr11	0.009488816	+ T2D risk	ExonBnd
cg15767155	ATP6V1H	chr8	0.009582786	- T2D risk	TSS200
cg15767155	ATP6V1H	chr8	0.009582786	- T2D risk	5'UTR
cg15767155	ATP6V1H	chr8	0.009582786	- T2D risk	1stExon
cg24274982	HNRNPA2B1	chr7	0.009668569	- T2D risk	TSS200
cg15532138	CNTROB	chr17	0.009678249	- T2D risk	Body
cg23276187	SGSM2	chr17	0.009700044	- T2D risk	TSS1500
cg11731414	ATXN1	chr6	0.009718634	+ T2D risk	5'UTR
cg23733029	TJP1	chr15	0.009737155	- T2D risk	Body
cg08122691	SCAF11	chr12	0.009741984	- T2D risk	5'UTR
cg11394115	ANK3	chr10	0.009748537	- T2D risk	1stExon
cg11394115	ANK3	chr10	0.009748537	- T2D risk	5'UTR
cg27237834	DNAJC13	chr3	0.009771705	- T2D risk	Body
cg24494587	COL4A1	chr13	0.009778563	+ T2D risk	Body
cg21227845	RSF1	chr11	0.009787686	- T2D risk	TSS200
cg14739926	RBBP6	chr16	0.009852285	+ T2D risk	3'UTR
cg25418947	CALD1	chr7	0.009868578	- T2D risk	Body
cg23336452	DIP2C	chr10	0.009873616	+ T2D risk	Body
cg00573191	DNAJC13	chr3	0.00992477	- T2D risk	Body
cg10721149	SCGN	chr6	0.00993228	- T2D risk	TSS200
cg01320657	TSGA10	chr2	0.009999317	- T2D risk	TSS1500
cg18971502	RCAN2	chr6	0.010010364	- T2D risk	3'UTR
cg05192326	KIAA1217	chr10	0.010267053	- T2D risk	5'UTR
cg06553422	WIZ	chr19	0.010294559	- T2D risk	5'UTR
cg20634733	CNTROB	chr17	0.010300745	- T2D risk	TSS200
cg05207834	SPAG9	chr17	0.01033824	- T2D risk	TSS1500
cg23837756	ITGB1	chr10	0.01034482	- T2D risk	TSS200
cg23837756	ITGB1	chr10	0.01034482	- T2D risk	TSS1500
cg06540331	ACTN4	chr19	0.010358664	- T2D risk	Body
cg06540331	ACTN4	chr19	0.010358664	- T2D risk	ExonBnd
cg04848426	UXS1	chr2	0.010373127	- T2D risk	Body
cg05931940	CLASP2	chr3	0.01040296	+ T2D risk	TSS200
cg07091346	CHID1	chr11	0.010505961	+ T2D risk	Body
cg05235126	TTC28	chr22	0.010538662	- T2D risk	Body
cg10396491	ZHX2	chr8	0.01053938	+ T2D risk	5'UTR
cg10180367	KIAA0355	chr19	0.010611865	- T2D risk	Body
cg22244725	SPOCK1	chr5	0.010614202	- T2D risk	Body
cg06571425	CUX2	chr12	0.010664265	+ T2D risk	Body
cg01454124	TENM2	chr5	0.01070171	- T2D risk	Body
cg17253835	DACH1	chr13	0.010809252	+ T2D risk	Body
cg01209914	PTPRU	chr1	0.010849381	+ T2D risk	Body
cg23688299	POC1B	chr12	0.010854255	+ T2D risk	Body
cg04578520	PCYT1A	chr3	0.01089141	- T2D risk	TSS1500
cg08370325	NCOR1	chr17	0.010949912	- T2D risk	Body
cg16604801	RAP1GAP2	chr17	0.011094504	+ T2D risk	Body

cg01043383	USP29	chr19	0.011099895	- T2D risk	TSS1500
cg23564442	PACS2	chr14	0.011266352	+ T2D risk	Body
cg25036166	ROBO2	chr3	0.011301883	- T2D risk	5'UTR
cg25036166	ROBO2	chr3	0.011301883	- T2D risk	ExonBnd
cg25036166	ROBO2	chr3	0.011301883	- T2D risk	Body
cg01850561	ROBO2	chr3	0.011377746	+ T2D risk	Body
cg03813721	PPP1R12A	chr12	0.011442819	- T2D risk	Body
cg03813721	PPP1R12A	chr12	0.011442819	- T2D risk	TSS1500
cg27032197	CHKA	chr11	0.011447858	+ T2D risk	TSS1500
cg06971761	AGPAT3	chr21	0.011448315	+ T2D risk	Body
cg00344870	ATXN1	chr6	0.0114582	- T2D risk	5'UTR
cg14557268	NF1	chr17	0.011475312	- T2D risk	Body
cg16788172	DIP2C	chr10	0.011494618	+ T2D risk	Body
cg16002826	ADCY5	chr3	0.011496037	+ T2D risk	Body
cg23893202	GLG1	chr16	0.011506675	- T2D risk	Body
cg09983370	ATP8A1	chr4	0.011528705	- T2D risk	Body
cg11230847	IFT74	chr9	0.011541761	- T2D risk	5'UTR
cg04373034	LMCD1	chr3	0.011610569	- T2D risk	Body
cg17685679	ULK4	chr3	0.011652829	- T2D risk	TSS200
cg09169291	ST6GAL1	chr3	0.011660336	+ T2D risk	5'UTR
cg22030770	ATP6V1A	chr3	0.011744751	- T2D risk	TSS1500
cg04967789	ERC2	chr3	0.011779265	- T2D risk	3'UTR
cg19332831	GLG1	chr16	0.01179496	+ T2D risk	Body
cg01271805	ERC2	chr3	0.011799223	- T2D risk	3'UTR
cg21118091	LAMA4	chr6	0.011805275	- T2D risk	Body
cg25113607	ATRNL1	chr10	0.011813043	+ T2D risk	Body
cg02909097	RAP1GAP2	chr17	0.011848872	+ T2D risk	Body
cg00151788	TSGA10	chr2	0.011859994	- T2D risk	5'UTR
cg23953684	TENM2	chr5	0.0119089	+ T2D risk	Body
cg16152137	NF1	chr17	0.011992328	- T2D risk	Body
cg21265072	RNF157	chr17	0.0121371	+ T2D risk	Body
cg06081869	MYO6	chr6	0.01214891	- T2D risk	Body
cg02100997	PTPRU	chr1	0.01222446	- T2D risk	Body
cg16886828	KDM4B	chr19	0.012233543	+ T2D risk	5'UTR
cg23599951	ERC2	chr3	0.012355125	+ T2D risk	Body
cg23580591	PRKAG2	chr7	0.012369383	+ T2D risk	Body
cg02146374	CNTROB	chr17	0.012372576	- T2D risk	TSS1500
cg02917536	TAB2	chr6	0.012408008	- T2D risk	5'UTR
cg02917536	TAB2	chr6	0.012408008	- T2D risk	Body
cg04461691	RNF157	chr17	0.012421339	+ T2D risk	TSS1500
cg24236839	KDM4B	chr19	0.012425208	- T2D risk	Body
cg21818602	SUB1	chr5	0.012453925	- T2D risk	5'UTR
cg09717402	LAP3	chr4	0.012500764	+ T2D risk	Body
cg02926622	PLAGL1	chr6	0.012533109	- T2D risk	TSS1500
cg21216828	WIZ	chr19	0.01256054	- T2D risk	5'UTR
cg06639875	GRK5	chr10	0.01257963	+ T2D risk	Body
cg15170644	SSBP2	chr5	0.012699257	+ T2D risk	Body
cg18120564	COL4A1	chr13	0.01275358	+ T2D risk	Body
cg26205341	USP53	chr4	0.012756229	- T2D risk	TSS200
cg14090880	MAST1	chr19	0.012784696	+ T2D risk	Body
cg13802740	YWHAQ	chr2	0.012841988	- T2D risk	5'UTR
cg00465686	PDE7A	chr8	0.012856762	+ T2D risk	TSS200
cg00465686	PDE7A	chr8	0.012856762	+ T2D risk	Body
cg24059026	SMG7	chr1	0.012937781	- T2D risk	TSS200
cg05951360	ZRANB1	chr10	0.012979111	+ T2D risk	Body
cg18121281	RCAN2	chr6	0.01299463	+ T2D risk	TSS1500
cg18121281	RCAN2	chr6	0.01299463	+ T2D risk	TSS200
cg03421485	DLL4	chr15	0.013017037	- T2D risk	1stExon
cg03421485	DLL4	chr15	0.013017037	- T2D risk	5'UTR
cg10601230	PACRG	chr6	0.013022423	- T2D risk	Body
cg16976419	NF1	chr17	0.013047957	+ T2D risk	Body
cg14311251	COL4A1	chr13	0.01306886	- T2D risk	Body
cg08628601	ARPP19	chr15	0.013070268	+ T2D risk	TSS200
cg24571899	ANK3	chr10	0.013079171	- T2D risk	Body
cg11979752	PRMT3	chr11	0.013207067	- T2D risk	5'UTR
cg11979752	PRMT3	chr11	0.013207067	- T2D risk	1stExon
cg20655035	UXS1	chr2	0.013236105	- T2D risk	Body
cg15905329	CALD1	chr7	0.013311642	- T2D risk	Body
cg15905329	CALD1	chr7	0.013311642	- T2D risk	TSS1500
cg13984373	TMEM131	chr2	0.013344935	- T2D risk	Body

cg06900493	AGPAT3	chr21	0.013346805	+ T2D risk	5'UTR
cg05287064	MGRN1	chr16	0.013413824	+ T2D risk	Body
cg05680085	RHBDD1	chr2	0.013467412	- T2D risk	TSS200
cg00934017	NGF	chr1	0.013522739	- T2D risk	5'UTR
cg27569742	WIZ	chr19	0.013533836	- T2D risk	5'UTR
cg14916213	RBM4	chr11	0.01361617	- T2D risk	TSS1500
cg00699794	CEP126	chr11	0.013666545	+ T2D risk	Body
cg15262884	PLAGL1	chr6	0.013696368	+ T2D risk	5'UTR
cg07808835	GGPS1	chr1	0.013750305	- T2D risk	TSS1500
cg14284780	WWP2	chr16	0.013809073	+ T2D risk	Body
cg23241628	RTN4	chr2	0.013811925	- T2D risk	TSS1500
cg11945022	DYNC111	chr7	0.013815386	+ T2D risk	5'UTR
cg15923025	EIF4EBP3	chr5	0.013845962	- T2D risk	TSS200
cg15490944	FAM160A1	chr4	0.013887219	- T2D risk	TSS200
cg25266959	PICALM	chr11	0.01389669	+ T2D risk	1stExon
cg25266959	PICALM	chr11	0.01389669	+ T2D risk	TSS1500
cg25266959	PICALM	chr11	0.01389669	+ T2D risk	5'UTR
cg09172820	CRYL1	chr13	0.01389741	+ T2D risk	Body
cg25543749	PACS2	chr14	0.013930172	+ T2D risk	Body
cg03819286	MGRN1	chr16	0.013930363	+ T2D risk	TSS1500
cg12620935	ARL15	chr5	0.014039319	+ T2D risk	Body
cg11337765	ATP6V1A	chr3	0.014076084	- T2D risk	TSS1500
cg10988169	ATP6V1H	chr8	0.014143055	- T2D risk	Body
cg14097577	NGLY1	chr3	0.014169365	- T2D risk	1stExon
cg14097577	NGLY1	chr3	0.014169365	- T2D risk	Body
cg14097577	NGLY1	chr3	0.014169365	- T2D risk	5'UTR
cg02633409	KDM4B	chr19	0.014207971	+ T2D risk	Body
cg10258953	MGRN1	chr16	0.014212395	- T2D risk	Body
cg00504410	MGRN1	chr16	0.01421998	+ T2D risk	Body
cg23629707	PRKCE	chr2	0.014270954	- T2D risk	Body
cg10223066	CHFR	chr12	0.014286836	- T2D risk	TSS1500
cg09757353	GRK5	chr10	0.014305483	+ T2D risk	Body
cg21726913	PDE8A	chr15	0.014310059	- T2D risk	TSS1500
cg17090611	ZDHHC2	chr8	0.014310341	- T2D risk	Body
cg00583022	NUF2	chr1	0.014437014	- T2D risk	Body
cg14282393	RSF1	chr11	0.014456114	- T2D risk	Body
cg14282393	RSF1	chr11	0.014456114	- T2D risk	ExonBnd
cg15646900	ATP6V1H	chr8	0.014461348	- T2D risk	5'UTR
cg15646900	ATP6V1H	chr8	0.014461348	- T2D risk	TSS200
cg15646900	ATP6V1H	chr8	0.014461348	- T2D risk	1stExon
cg07793807	ITPKB	chr1	0.014493738	- T2D risk	Body
cg22740925	DNAH9	chr17	0.01453264	- T2D risk	TSS1500
cg22740925	DNAH9	chr17	0.01453264	- T2D risk	Body
cg03861105	RHOQ	chr2	0.014726109	- T2D risk	Body
cg12326440	DIP2C	chr10	0.014843572	+ T2D risk	Body
cg08260760	ATRN	chr20	0.014890598	- T2D risk	TSS200
cg10208640	PHACTR1	chr6	0.014893627	+ T2D risk	Body
cg05456250	DYNC112	chr2	0.014939443	+ T2D risk	Body
cg02097532	ERC2	chr3	0.01494909	+ T2D risk	3'UTR
cg15757430	TMEM219	chr16	0.014958801	+ T2D risk	5'UTR
cg22395253	SRPK2	chr7	0.014963064	+ T2D risk	Body
cg26029744	NUF2	chr1	0.014978696	- T2D risk	TSS200
cg14931586	PICALM	chr11	0.015038946	- T2D risk	TSS1500
cg05166989	FAM160A1	chr4	0.015120197	- T2D risk	TSS1500
cg13230023	ARL8B	chr3	0.01518438	- T2D risk	TSS1500
cg07088328	DDHD2	chr8	0.015196386	- T2D risk	5'UTR
cg07088328	DDHD2	chr8	0.015196386	- T2D risk	1stExon
cg07088328	DDHD2	chr8	0.015196386	- T2D risk	TSS1500
cg06055220	TSC22D1	chr13	0.015260905	+ T2D risk	Body
cg04338788	SEMA3G	chr3	0.015263358	- T2D risk	Body
cg05786622	ATXN1	chr6	0.015274515	- T2D risk	5'UTR
cg00839802	MAN1A1	chr6	0.015306395	- T2D risk	TSS1500
cg05120042	TOP2A	chr17	0.015380952	- T2D risk	Body
cg20516364	CHID1	chr11	0.015480082	+ T2D risk	Body
cg03555487	PACS2	chr14	0.015489517	- T2D risk	Body
cg03353560	ITGA1	chr5	0.015507176	- T2D risk	3'UTR
cg04398307	LAP3	chr4	0.015549786	- T2D risk	TSS200
cg03168818	MGRN1	chr16	0.015576607	+ T2D risk	Body
cg25406344	GLG1	chr16	0.015597042	+ T2D risk	Body
cg15734437	RBBP6	chr16	0.015721257	- T2D risk	5'UTR

cg15734437	<i>RBBP6</i>	chr16	0.015721257	- T2D risk	1stExon
cg14150743	<i>ST20</i>	chr15	0.015772155	- T2D risk	TSS200
cg14150743	<i>ST20</i>	chr15	0.015772155	- T2D risk	Body
cg20565652	<i>PPFIBP1</i>	chr12	0.015779444	+ T2D risk	5'UTR
cg15788149	<i>MET</i>	chr7	0.015822254	- T2D risk	TSS200
cg02875272	<i>IFT74</i>	chr9	0.015848311	- T2D risk	TSS200
cg02875272	<i>IFT74</i>	chr9	0.015848311	- T2D risk	5'UTR
cg26130139	<i>RHBDD1</i>	chr2	0.015861304	- T2D risk	Body
cg17863337	<i>PRKACB</i>	chr1	0.015955693	- T2D risk	Body
cg17863337	<i>PRKACB</i>	chr1	0.015955693	- T2D risk	TSS200
cg15713378	<i>DIP2C</i>	chr10	0.01596382	- T2D risk	Body
cg22991565	<i>CUX1</i>	chr7	0.015966672	+ T2D risk	Body
cg02788102	<i>CADM1</i>	chr11	0.015987941	+ T2D risk	Body
cg19374317	<i>GAD1</i>	chr2	0.016002777	- T2D risk	5'UTR
cg17466151	<i>PACS1</i>	chr11	0.016087716	+ T2D risk	Body
cg25102279	<i>HMBBOX1</i>	chr8	0.016208768	- T2D risk	5'UTR
cg11226183	<i>EVI5</i>	chr1	0.01633038	- T2D risk	Body
cg06914655	<i>AGPAT3</i>	chr21	0.016348837	+ T2D risk	5'UTR
cg11206131	<i>KDM4B</i>	chr19	0.0163833	+ T2D risk	5'UTR
cg19955402	<i>ANKHD1</i>	chr5	0.016406793	- T2D risk	TSS200
cg16267162	<i>LAMA4</i>	chr6	0.016532435	- T2D risk	5'UTR
cg07327568	<i>CLOCK</i>	chr4	0.016620501	- T2D risk	5'UTR
cg15521264	<i>CDH22</i>	chr20	0.016695879	+ T2D risk	Body
cg01351037	<i>PDE8A</i>	chr15	0.016775949	- T2D risk	5'UTR
cg01351037	<i>PDE8A</i>	chr15	0.016775949	- T2D risk	1stExon
cg15105081	<i>RSF1</i>	chr11	0.016824862	- T2D risk	TSS1500
cg11960802	<i>TTC28</i>	chr22	0.016857196	- T2D risk	Body
cg00703798	<i>DACH1</i>	chr13	0.016917915	- T2D risk	Body
cg16895710	<i>DLL4</i>	chr15	0.016926277	+ T2D risk	TSS200
cg00372940	<i>WDR47</i>	chr1	0.01695119	- T2D risk	5'UTR
cg06552970	<i>PACRG</i>	chr6	0.017013417	+ T2D risk	Body
cg04206060	<i>IFT74</i>	chr9	0.017016024	- T2D risk	TSS200
cg04206060	<i>IFT74</i>	chr9	0.017016024	- T2D risk	5'UTR
cg21117678	<i>CUX1</i>	chr7	0.017072043	- T2D risk	TSS1500
cg01933801	<i>ATP6V1H</i>	chr8	0.017126532	- T2D risk	Body
cg26296928	<i>RNF217</i>	chr6	0.017233299	- T2D risk	Body
cg21393846	<i>RET</i>	chr10	0.017239406	- T2D risk	Body
cg06105681	<i>NCOR1</i>	chr17	0.01725759	- T2D risk	TSS200
cg06297677	<i>TENM2</i>	chr5	0.017411472	- T2D risk	Body
cg12575809	<i>RGS7</i>	chr1	0.017438401	- T2D risk	Body
cg12967395	<i>PPFIBP1</i>	chr12	0.017514399	- T2D risk	TSS200
cg26394825	<i>CHFR</i>	chr12	0.017528896	- T2D risk	TSS1500
cg01975373	<i>PDE7A</i>	chr8	0.017542338	- T2D risk	Body
cg26336594	<i>FAM160A1</i>	chr4	0.017548585	- T2D risk	TSS200
cg04813899	<i>DIP2C</i>	chr10	0.017575564	+ T2D risk	Body
cg19541697	<i>ASXL2</i>	chr2	0.017591698	- T2D risk	Body
cg07795928	<i>ITPKB</i>	chr1	0.017629677	- T2D risk	Body
cg07171476	<i>ERC2</i>	chr3	0.017691288	- T2D risk	3'UTR
cg26426732	<i>TBC1D5</i>	chr3	0.017712834	+ T2D risk	Body
cg17336204	<i>CDH22</i>	chr20	0.017715299	+ T2D risk	TSS200
cg16996815	<i>INPP4A</i>	chr2	0.01777114	+ T2D risk	TSS1500
cg12575751	<i>NUCB2</i>	chr11	0.017849031	+ T2D risk	TSS1500
cg27431247	<i>CHKA</i>	chr11	0.017867762	- T2D risk	1stExon
cg04678989	<i>ACTN4</i>	chr19	0.017887848	- T2D risk	Body
cg02298969	<i>SEC31A</i>	chr4	0.017915143	- T2D risk	TSS200
cg21266908	<i>RCAN2</i>	chr6	0.017924306	- T2D risk	TSS1500
cg19950608	<i>APBA1</i>	chr9	0.017946466	+ T2D risk	5'UTR
cg18214799	<i>SCARB2</i>	chr4	0.017974961	- T2D risk	TSS200
cg16200858	<i>PRKACB</i>	chr1	0.018015151	+ T2D risk	Body
cg00349780	<i>RAP1GAP2</i>	chr17	0.018036527	+ T2D risk	Body
cg22215258	<i>DYNC1I2</i>	chr2	0.018059824	+ T2D risk	5'UTR
cg02370734	<i>PDE7A</i>	chr8	0.018070108	- T2D risk	TSS1500
cg02370734	<i>PDE7A</i>	chr8	0.018070108	- T2D risk	Body
cg14512491	<i>PRKCE</i>	chr2	0.018096567	+ T2D risk	Body
cg03581801	<i>LAMA4</i>	chr6	0.018113123	- T2D risk	Body
cg14182461	<i>RNF157</i>	chr17	0.018138709	+ T2D risk	3'UTR
cg25365055	<i>FBXL2</i>	chr3	0.018176175	+ T2D risk	Body
cg25442666	<i>INPP4A</i>	chr2	0.018279533	+ T2D risk	5'UTR
cg11166708	<i>AGPAT3</i>	chr21	0.018293774	- T2D risk	5'UTR
cg27074678	<i>ST6GAL1</i>	chr3	0.018352988	- T2D risk	5'UTR

cg26600937	<i>PPFIBP1</i>	chr12	0.018358969	- T2D risk	5'UTR
cg04482794	<i>ITPKB</i>	chr1	0.018373836	- T2D risk	5'UTR
cg11929382	<i>UBL3</i>	chr13	0.018384398	- T2D risk	TSS200
cg13914744	<i>PACS2</i>	chr14	0.018391874	+ T2D risk	Body
cg13914744	<i>PACS2</i>	chr14	0.018391874	+ T2D risk	5'UTR
cg12188410	<i>LAMA4</i>	chr6	0.018393032	+ T2D risk	Body
cg16117273	<i>PRKD1</i>	chr14	0.018469599	- T2D risk	TSS1500
cg18909295	<i>CPLX2</i>	chr5	0.018583773	+ T2D risk	TSS1500
cg05908907	<i>SLIT3</i>	chr5	0.018635498	- T2D risk	Body
cg24531246	<i>TSC22D1</i>	chr13	0.018670168	- T2D risk	1stExon
cg24531246	<i>TSC22D1</i>	chr13	0.018670168	- T2D risk	5'UTR
cg17524821	<i>WIZ</i>	chr19	0.018706278	+ T2D risk	Body
cg24736834	<i>PDE8A</i>	chr15	0.018745099	- T2D risk	TSS200
cg10698984	<i>UBL3</i>	chr13	0.018835977	- T2D risk	1stExon
cg10698984	<i>UBL3</i>	chr13	0.018835977	- T2D risk	5'UTR
cg15150883	<i>CLASP2</i>	chr3	0.018917266	+ T2D risk	Body
cg14724283	<i>PTPRU</i>	chr1	0.018926699	+ T2D risk	Body
cg13315721	<i>RAP1GAP2</i>	chr17	0.01892916	+ T2D risk	Body
cg00508575	<i>ATP2B1</i>	chr12	0.018984625	+ T2D risk	TSS1500
cg14523158	<i>CMTR1</i>	chr6	0.018993657	- T2D risk	Body
cg10175712	<i>UNC80</i>	chr2	0.01903352	+ T2D risk	Body
cg16105591	<i>CPLX2</i>	chr5	0.019072041	+ T2D risk	5'UTR
cg12812502	<i>ITGB1</i>	chr10	0.019175524	- T2D risk	TSS1500
cg23814172	<i>DIP2C</i>	chr10	0.019179716	- T2D risk	Body
cg02987481	<i>NGF</i>	chr1	0.019270823	- T2D risk	TSS1500
cg15092544	<i>RAP1B</i>	chr12	0.019312945	- T2D risk	5'UTR
cg15092544	<i>RAP1B</i>	chr12	0.019312945	- T2D risk	1stExon
cg27236825	<i>ST20</i>	chr15	0.019349784	- T2D risk	5'UTR
cg27236825	<i>ST20</i>	chr15	0.019349784	- T2D risk	1stExon
cg01098771	<i>KDM4B</i>	chr19	0.019357704	- T2D risk	TSS200
cg23976632	<i>COX6A1</i>	chr12	0.019364688	- T2D risk	TSS200
cg08928203	<i>CHKA</i>	chr11	0.019378357	- T2D risk	1stExon
cg08928203	<i>CHKA</i>	chr11	0.019378357	- T2D risk	5'UTR
cg26660754	<i>APC</i>	chr5	0.019408394	- T2D risk	TSS200
cg20815026	<i>NF1</i>	chr17	0.019409948	- T2D risk	TSS200
cg24912450	<i>RBM4</i>	chr11	0.019410877	- T2D risk	5'UTR
cg04709886	<i>NPAT</i>	chr11	0.019421992	- T2D risk	TSS1500
cg24105243	<i>OXSM</i>	chr3	0.019425316	- T2D risk	TSS200
cg24105243	<i>NGLY1</i>	chr3	0.019425316	- T2D risk	TSS200
cg02221838	<i>IFT74</i>	chr9	0.019430274	- T2D risk	5'UTR
cg02221838	<i>IFT74</i>	chr9	0.019430274	- T2D risk	TSS200
cg19696123	<i>FARSB</i>	chr2	0.019439398	- T2D risk	TSS200
cg25463381	<i>CHFR</i>	chr12	0.01944191	- T2D risk	TSS200
cg13419791	<i>ST6GAL1</i>	chr3	0.019442033	- T2D risk	TSS1500
cg22907065	<i>RHOA</i>	chr3	0.019442033	- T2D risk	1stExon
cg22907065	<i>RHOA</i>	chr3	0.019442033	- T2D risk	5'UTR
cg13962022	<i>ANKHD1</i>	chr5	0.019442033	- T2D risk	TSS1500
cg25828535	<i>SMG7</i>	chr1	0.019442033	- T2D risk	TSS200
cg16144348	<i>SEC31A</i>	chr4	0.019442033	- T2D risk	TSS200
cg08292112	<i>UBE2K</i>	chr4	0.019442033	- T2D risk	1stExon
cg06053805	<i>NPAT</i>	chr11	0.019442033	- T2D risk	TSS200
cg04574401	<i>TSGA10</i>	chr2	0.019442033	- T2D risk	TSS1500
cg27089483	<i>PRKAG2</i>	chr7	0.019442033	- T2D risk	TSS200
cg02984063	<i>PACRG</i>	chr6	0.019442033	- T2D risk	TSS200
cg02984063	<i>PACRG</i>	chr6	0.019442033	- T2D risk	5'UTR
cg23915065	<i>CLASP2</i>	chr3	0.019442033	- T2D risk	5'UTR
cg23915065	<i>CLASP2</i>	chr3	0.019442033	- T2D risk	1stExon
cg20963592	<i>LAP3</i>	chr4	0.019442033	- T2D risk	1stExon
cg20963592	<i>LAP3</i>	chr4	0.019442033	- T2D risk	5'UTR
cg10024000	<i>NF1</i>	chr17	0.019442033	- T2D risk	1stExon
cg26781821	<i>KIAA0232</i>	chr4	0.019442033	- T2D risk	TSS1500
cg22523077	<i>CLOCK</i>	chr4	0.019442033	- T2D risk	5'UTR
cg07635530	<i>EFCAB14</i>	chr1	0.019442033	- T2D risk	TSS200
cg25990494	<i>ARIH1</i>	chr15	0.019442033	- T2D risk	TSS200
cg12399426	<i>POC1B</i>	chr12	0.019442033	- T2D risk	1stExon
cg12399426	<i>POC1B</i>	chr12	0.019442033	- T2D risk	5'UTR
cg12399426	<i>POC1B</i>	chr12	0.019442033	- T2D risk	Body
cg14979019	<i>SPAG9</i>	chr17	0.019442033	- T2D risk	5'UTR
cg14979019	<i>SPAG9</i>	chr17	0.019442033	- T2D risk	1stExon
cg05494627	<i>PDE7A</i>	chr8	0.019442033	- T2D risk	TSS1500

cg07979106	<i>RAP2A</i>	chr13	0.019442033	- T2D risk	TSS200
cg26928336	<i>TMEM219</i>	chr16	0.019442033	- T2D risk	5'UTR
cg19719838	<i>DDHD2</i>	chr8	0.019442033	- T2D risk	5'UTR
cg19719838	<i>DDHD2</i>	chr8	0.019442033	- T2D risk	TSS200
cg09476286	<i>ASXL2</i>	chr2	0.019442033	- T2D risk	TSS200
cg05039004	<i>PTPRU</i>	chr1	0.019442033	- T2D risk	Body
cg07810961	<i>EIF4EBP3</i>	chr5	0.019442033	- T2D risk	1stExon
cg07810961	<i>EIF4EBP3</i>	chr5	0.019442033	- T2D risk	5'UTR
cg17428694	<i>NUF2</i>	chr1	0.019442033	- T2D risk	TSS200
cg12304817	<i>KDM4B</i>	chr19	0.019442033	- T2D risk	TSS200
cg21108232	<i>TMEM219</i>	chr16	0.019442033	- T2D risk	TSS200
cg18457775	<i>NPAT</i>	chr11	0.019442033	- T2D risk	TSS1500
cg18566984	<i>PACRG</i>	chr6	0.019442033	- T2D risk	TSS1500
cg18566984	<i>PACRG</i>	chr6	0.019442033	- T2D risk	5'UTR
cg27262745	<i>PKD1</i>	chr2	0.019442033	- T2D risk	Body
cg27262745	<i>PKD1</i>	chr2	0.019442033	- T2D risk	1stExon
cg27262745	<i>PKD1</i>	chr2	0.019442033	- T2D risk	5'UTR
cg07161166	<i>PRKACB</i>	chr1	0.019442033	- T2D risk	TSS1500
cg14211415	<i>TMEM131</i>	chr2	0.019442033	- T2D risk	TSS200
cg12429465	<i>SCAF8</i>	chr6	0.019442033	- T2D risk	1stExon
cg12429465	<i>SCAF8</i>	chr6	0.019442033	- T2D risk	5'UTR
cg07174911	<i>HMBX1</i>	chr8	0.019442033	- T2D risk	TSS1500
cg15288179	<i>SUB1</i>	chr5	0.019442033	- T2D risk	5'UTR
cg16480966	<i>PHF21A</i>	chr11	0.019442033	- T2D risk	5'UTR
cg21070864	<i>BIRC5</i>	chr17	0.019442033	- T2D risk	TSS200
cg06219686	<i>NF1</i>	chr17	0.019442033	- T2D risk	TSS200
cg07697850	<i>TMEM219</i>	chr16	0.019442033	- T2D risk	TSS200
cg12251884	<i>ARIH1</i>	chr15	0.019442033	- T2D risk	5'UTR
cg12251884	<i>ARIH1</i>	chr15	0.019442033	- T2D risk	1stExon
cg26606397	<i>RAP1B</i>	chr12	0.019442033	- T2D risk	5'UTR
cg26606397	<i>RAP1B</i>	chr12	0.019442033	- T2D risk	1stExon
cg13986821	<i>CDK8</i>	chr13	0.019442033	- T2D risk	TSS1500
cg23494874	<i>SEC31A</i>	chr4	0.019442033	- T2D risk	TSS200
cg15769921	<i>TOP2A</i>	chr17	0.019442033	- T2D risk	Body
cg19901889	<i>RAP1B</i>	chr12	0.019442033	- T2D risk	5'UTR
cg19901889	<i>RAP1B</i>	chr12	0.019442033	- T2D risk	1stExon
cg24030675	<i>NPAT</i>	chr11	0.019442033	- T2D risk	TSS200
cg00991297	<i>ITGB1</i>	chr10	0.019442033	- T2D risk	TSS1500
cg09315468	<i>DDHD2</i>	chr8	0.019442033	- T2D risk	5'UTR
cg09315468	<i>DDHD2</i>	chr8	0.019442033	- T2D risk	1stExon
cg03783058	<i>ATRN</i>	chr20	0.019442033	- T2D risk	TSS200
cg19084174	<i>ASXL2</i>	chr2	0.019442033	- T2D risk	TSS200
cg06750635	<i>NPAT</i>	chr11	0.019442033	- T2D risk	TSS200
cg10120925	<i>FARSB</i>	chr2	0.019442033	- T2D risk	5'UTR
cg10120925	<i>FARSB</i>	chr2	0.019442033	- T2D risk	1stExon
cg12275661	<i>ITGB1</i>	chr10	0.019442033	- T2D risk	TSS1500
cg12275661	<i>ITGB1</i>	chr10	0.019442033	- T2D risk	5'UTR
cg12275661	<i>ITGB1</i>	chr10	0.019442033	- T2D risk	1stExon
cg12374519	<i>TIMM23</i>	chr10	0.019442033	- T2D risk	TSS1500
cg21273703	<i>CHFR</i>	chr12	0.019442033	- T2D risk	TSS200
cg14604386	<i>MAN1A1</i>	chr6	0.019442033	- T2D risk	5'UTR
cg14604386	<i>MAN1A1</i>	chr6	0.019442033	- T2D risk	1stExon
cg15152666	<i>PDE8A</i>	chr15	0.019442033	- T2D risk	TSS200
cg26275371	<i>ENAH</i>	chr1	0.019442033	- T2D risk	Body
cg21830066	<i>SNX4</i>	chr3	0.019442033	- T2D risk	TSS200
cg24738909	<i>ASXL2</i>	chr2	0.019442033	- T2D risk	TSS200
cg11218092	<i>LMCD1</i>	chr3	0.019442033	- T2D risk	TSS200
cg22385817	<i>CNTROB</i>	chr17	0.019442033	- T2D risk	TSS1500
cg13802269	<i>USP53</i>	chr4	0.019442033	- T2D risk	TSS200
cg08532152	<i>CTR9</i>	chr11	0.019442033	- T2D risk	TSS200
cg20064047	<i>ASH1L</i>	chr1	0.019442033	- T2D risk	TSS1500
cg14621522	<i>PDE8A</i>	chr15	0.019442033	- T2D risk	TSS200
cg14621522	<i>PDE8A</i>	chr15	0.019442033	- T2D risk	5'UTR
cg02920502	<i>PICALM</i>	chr11	0.019442033	- T2D risk	1stExon
cg02920502	<i>PICALM</i>	chr11	0.019442033	- T2D risk	5'UTR
cg03974985	<i>TMEM131</i>	chr2	0.019442033	- T2D risk	TSS200
cg00550558	<i>ATP6V1H</i>	chr8	0.019442033	- T2D risk	5'UTR
cg00550558	<i>ATP6V1H</i>	chr8	0.019442033	- T2D risk	TSS200
cg08033122	<i>CLOCK</i>	chr4	0.019442033	- T2D risk	TSS200
cg08033122	<i>CLOCK</i>	chr4	0.019442033	- T2D risk	TSS1500

cg08175981	PACS2	chr14	0.019442033	- T2D risk	TSS200
cg25590798	GALK2	chr15	0.019442033	- T2D risk	5'UTR
cg25590798	GALK2	chr15	0.019442033	- T2D risk	1stExon
cg25590798	GALK2	chr15	0.019442033	- T2D risk	Body
cg08704681	KIAA1217	chr10	0.019442033	- T2D risk	TSS200
cg02170751	TMEM219	chr16	0.019442033	- T2D risk	TSS200
cg03945322	ARIH1	chr15	0.019442033	- T2D risk	TSS200
cg00803088	RET	chr10	0.019442033	- T2D risk	Body
cg26187048	PDE5A	chr4	0.019442033	- T2D risk	5'UTR
cg26187048	PDE5A	chr4	0.019442033	- T2D risk	TSS200
cg26187048	PDE5A	chr4	0.019442033	- T2D risk	Body
cg21273856	NCOA7	chr6	0.019442033	- T2D risk	5'UTR
cg21273856	NCOA7	chr6	0.019442033	- T2D risk	1stExon
cg06517759	SUB1	chr5	0.019442033	- T2D risk	5'UTR
cg12454419	SCARB2	chr4	0.019442033	- T2D risk	TSS200
cg00463356	PACS2	chr14	0.019442033	- T2D risk	5'UTR
cg00463356	PACS2	chr14	0.019442033	- T2D risk	TSS200
cg10764405	CHKA	chr11	0.019442033	- T2D risk	Body
cg15969216	TSC22D1	chr13	0.019442033	- T2D risk	1stExon
cg15969216	TSC22D1	chr13	0.019442033	- T2D risk	5'UTR
cg27645750	ITGB1	chr10	0.019442033	- T2D risk	TSS200
cg27645750	ITGB1	chr10	0.019442033	- T2D risk	TSS1500
cg18986332	CLASP2	chr3	0.019442033	- T2D risk	5'UTR
cg18986332	CLASP2	chr3	0.019442033	- T2D risk	1stExon
cg09983462	SEZ6L	chr22	0.019442033	- T2D risk	TSS200
cg18831827	PDLIM5	chr4	0.019442033	- T2D risk	5'UTR
cg18831827	PDLIM5	chr4	0.019442033	- T2D risk	Body
cg12619398	DDHD2	chr8	0.019442033	- T2D risk	5'UTR
cg12619398	DDHD2	chr8	0.019442033	- T2D risk	TSS200
cg23708044	AGPAT3	chr21	0.019442033	- T2D risk	TSS1500
cg20276511	WIZ	chr19	0.019442033	- T2D risk	Body
cg17055145	MYO6	chr6	0.019442033	- T2D risk	1stExon
cg17055145	MYO6	chr6	0.019442033	- T2D risk	5'UTR
cg14744768	MET	chr7	0.019442033	- T2D risk	TSS200
cg12297652	SCAF8	chr6	0.019442033	- T2D risk	1stExon
cg12297652	SCAF8	chr6	0.019442033	- T2D risk	Body
cg12297652	SCAF8	chr6	0.019442033	- T2D risk	5'UTR
cg11948421	ATRN	chr20	0.019442033	- T2D risk	TSS200
cg20401102	PDLIM5	chr4	0.019442033	- T2D risk	TSS200
cg10918452	AMD1	chr6	0.019442033	- T2D risk	TSS200
cg06240275	SGSM2	chr17	0.019442033	- T2D risk	TSS1500
cg12774325	IFT74	chr9	0.019442033	- T2D risk	TSS1500
cg12774325	IFT74	chr9	0.019442033	- T2D risk	5'UTR
cg12774325	IFT74	chr9	0.019442033	- T2D risk	1stExon
cg00470794	CHFR	chr12	0.019442033	- T2D risk	TSS1500
cg18313583	GGPS1	chr1	0.019442033	- T2D risk	TSS1500
cg23071995	PRMT3	chr11	0.019442033	- T2D risk	5'UTR
cg23071995	PRMT3	chr11	0.019442033	- T2D risk	1stExon
cg01373721	TIMM23	chr10	0.019442033	- T2D risk	TSS1500
cg11697812	UBE2K	chr4	0.019442033	- T2D risk	TSS1500
cg20634234	FARSB	chr2	0.019442033	- T2D risk	TSS200
cg05707170	PPP1R12A	chr12	0.019442033	- T2D risk	Body
cg05707170	PPP1R12A	chr12	0.019442033	- T2D risk	1stExon
cg14650005	AMD1	chr6	0.019442033	- T2D risk	TSS200
cg12449162	CLIC5	chr6	0.019442033	- T2D risk	5'UTR
cg12449162	CLIC5	chr6	0.019442033	- T2D risk	1stExon
cg12449162	CLIC5	chr6	0.019442033	- T2D risk	Body
cg16303686	DNAJC13	chr3	0.019442033	- T2D risk	TSS1500
cg13717023	ARL15	chr5	0.019442033	- T2D risk	TSS1500
cg23698058	PRKACB	chr1	0.019442033	- T2D risk	Body
cg22477592	NPAT	chr11	0.019442033	- T2D risk	TSS1500
cg03796881	ZHX2	chr8	0.019442033	- T2D risk	1stExon
cg03796881	ZHX2	chr8	0.019442033	- T2D risk	5'UTR
cg02596175	PRKAG2	chr7	0.019442033	- T2D risk	TSS1500
cg10886005	TMEM131	chr2	0.019442033	- T2D risk	5'UTR
cg10886005	TMEM131	chr2	0.019442033	- T2D risk	1stExon
cg23539966	RTN4	chr2	0.019442033	- T2D risk	TSS1500
cg23539966	RTN4	chr2	0.019442033	- T2D risk	1stExon
cg23539966	RTN4	chr2	0.019442033	- T2D risk	5'UTR
cg24224907	ACTN4	chr19	0.019442033	- T2D risk	TSS200

cg24632656	IFT74	chr9	0.019442033	- T2D risk	TSS1500
cg24632656	IFT74	chr9	0.019442033	- T2D risk	TSS200
cg09483807	ATP6V1H	chr8	0.019442033	- T2D risk	TSS200
cg09483807	ATP6V1H	chr8	0.019442033	- T2D risk	5'UTR
cg09483807	ATP6V1H	chr8	0.019442033	- T2D risk	1stExon
cg02528979	SEC31A	chr4	0.019442033	- T2D risk	TSS1500
cg17510133	NUCB2	chr11	0.019442033	- T2D risk	TSS200
cg01357613	ZHX2	chr8	0.019442033	- T2D risk	5'UTR
cg27298069	CLOCK	chr4	0.019442033	- T2D risk	TSS200
cg27298069	CLOCK	chr4	0.019442033	- T2D risk	5'UTR
cg02570004	FBXO11	chr2	0.019442033	- T2D risk	TSS1500
cg25901444	SLC29A4	chr7	0.019442033	- T2D risk	Body
cg25655574	IFT74	chr9	0.019442033	- T2D risk	TSS1500
cg25655574	IFT74	chr9	0.019442033	- T2D risk	TSS200
cg17245548	TSGA10	chr2	0.019442033	- T2D risk	5'UTR
cg17245548	TSGA10	chr2	0.019442033	- T2D risk	TSS200
cg05920643	RBBP6	chr16	0.019442033	- T2D risk	1stExon
cg02165443	PDE7A	chr8	0.019442033	- T2D risk	TSS1500
cg26127449	BIRC5	chr17	0.019442033	- T2D risk	TSS200
cg16204216	NUP98	chr11	0.019442033	- T2D risk	TSS200
cg02742186	CRYL1	chr13	0.019442033	- T2D risk	TSS200
cg14853706	AMD1	chr6	0.019442033	- T2D risk	5'UTR
cg14853706	AMD1	chr6	0.019442033	- T2D risk	Body
cg05051199	PCYT1A	chr3	0.019442033	- T2D risk	TSS1500
cg22418394	PACRG	chr6	0.019442033	- T2D risk	TSS200
cg22418394	PACRG	chr6	0.019442033	- T2D risk	5'UTR
cg17135680	UXS1	chr2	0.019442033	- T2D risk	TSS1500
cg03235761	CLEC16A	chr16	0.019442033	- T2D risk	TSS200
cg21907663	EVI5	chr1	0.019442033	- T2D risk	Body
cg05059031	INPP4A	chr2	0.019442033	- T2D risk	TSS200
cg16643813	USP53	chr4	0.019442033	- T2D risk	TSS1500
cg21161649	AGPAT3	chr21	0.019442033	- T2D risk	TSS1500
cg14989602	ZDHHC2	chr8	0.019442033	- T2D risk	TSS1500
cg10501090	ATRNL	chr20	0.019442033	- T2D risk	Body
cg10501090	ATRNL	chr20	0.019442033	- T2D risk	1stExon
cg09543727	PDE5A	chr4	0.019442033	- T2D risk	TSS1500
cg23690033	MEIS2	chr15	0.019442033	- T2D risk	TSS200
cg23690033	MEIS2	chr15	0.019442033	- T2D risk	TSS1500
cg00256785	CHFR	chr12	0.019442033	- T2D risk	TSS200
cg09194362	POC1B	chr12	0.019442033	- T2D risk	TSS200
cg09194362	POC1B	chr12	0.019442033	- T2D risk	Body
cg01383668	ARPP19	chr15	0.019442033	- T2D risk	Body
cg05787193	PRKACB	chr1	0.019442033	- T2D risk	TSS1500
cg19658926	HNRNPA2B1	chr7	0.019442033	- T2D risk	TSS200
cg00563793	PACS1	chr11	0.019442033	- T2D risk	TSS1500
cg06580782	WDR48	chr3	0.019442033	- T2D risk	TSS200
cg22944368	PFKFB2	chr1	0.019442033	- T2D risk	TSS200
cg25581784	TOP2A	chr17	0.019442033	- T2D risk	Body
cg02500844	CNTROB	chr17	0.019442033	- T2D risk	TSS1500
cg19042513	NUF2	chr1	0.019442033	- T2D risk	TSS200
cg16781439	KREMEN1	chr22	0.019442033	- T2D risk	TSS200
cg00551736	PRKAG2	chr7	0.019442033	- T2D risk	1stExon
cg12551582	CHFR	chr12	0.019442033	- T2D risk	TSS1500
cg21717959	PACRG	chr6	0.019442033	- T2D risk	TSS1500
cg21717959	PACRG	chr6	0.019442033	- T2D risk	5'UTR
cg24050613	ST6GAL1	chr3	0.019442033	- T2D risk	TSS1500
cg18334211	PRKAG2	chr7	0.019442033	- T2D risk	Body
cg03461725	PDE8A	chr15	0.019442033	- T2D risk	TSS200
cg17152658	EFR3A	chr8	0.019442033	- T2D risk	1stExon
cg17152658	EFR3A	chr8	0.019442033	- T2D risk	5'UTR
cg15161218	AMD1	chr6	0.019442033	- T2D risk	TSS200
cg04907505	RAP1B	chr12	0.019442033	- T2D risk	TSS1500
cg08902293	HNRNPA2B1	chr7	0.019442033	- T2D risk	TSS1500
cg21378393	SGSM2	chr17	0.019442033	- T2D risk	TSS1500
cg11328420	RHBDD1	chr2	0.019442033	- T2D risk	TSS200
cg25204988	NF1	chr17	0.019442033	- T2D risk	TSS200
cg04380635	SEC31A	chr4	0.019442033	- T2D risk	TSS200
cg15445111	SPPL2A	chr15	0.019442033	- T2D risk	1stExon
cg15445111	SPPL2A	chr15	0.019442033	- T2D risk	5'UTR
cg06452669	CCNB1	chr5	0.019442033	- T2D risk	Body

cg13738611	<i>RAP1B</i>	chr12	0.019442033	- T2D risk	TSS200
cg17311778	<i>RBBP6</i>	chr16	0.019442033	- T2D risk	TSS200
cg08699355	<i>PPP1R12A</i>	chr12	0.019442033	- T2D risk	TSS200
cg08699355	<i>PPP1R12A</i>	chr12	0.019442033	- T2D risk	5'UTR
cg18829183	<i>ARID2</i>	chr12	0.019442033	- T2D risk	Body
cg22827060	<i>UBL3</i>	chr13	0.019442033	- T2D risk	1stExon
cg22827060	<i>UBL3</i>	chr13	0.019442033	- T2D risk	5'UTR
cg07236904	<i>CLOCK</i>	chr4	0.019442033	- T2D risk	TSS1500
cg04933208	<i>PTPRU</i>	chr1	0.019458157	- T2D risk	Body
cg16130454	<i>NUP98</i>	chr11	0.019460563	- T2D risk	5'UTR
cg16130454	<i>NUP98</i>	chr11	0.019460563	- T2D risk	1stExon
cg01491794	<i>YWHAQ</i>	chr2	0.019471534	- T2D risk	TSS200
cg15657206	<i>CTR9</i>	chr11	0.019514762	- T2D risk	TSS200
cg23545671	<i>TSC22D1</i>	chr13	0.019566852	- T2D risk	Body
cg23545671	<i>TSC22D1</i>	chr13	0.019566852	- T2D risk	TSS200
cg11965312	<i>CADM1</i>	chr11	0.019590326	- T2D risk	Body
cg11843606	<i>RHBDD1</i>	chr2	0.019625316	- T2D risk	5'UTR
cg01402631	<i>SPOCK1</i>	chr5	0.019703919	- T2D risk	Body
cg04446677	<i>TAB2</i>	chr6	0.019715255	+ T2D risk	Body
cg14793086	<i>LCA5</i>	chr6	0.019718289	- T2D risk	1stExon
cg14793086	<i>LCA5</i>	chr6	0.019718289	- T2D risk	5'UTR
cg03570279	<i>RSF1</i>	chr11	0.019736528	+ T2D risk	Body
cg21490755	<i>PDE7A</i>	chr8	0.019739303	- T2D risk	TSS1500
cg02454372	<i>DYNC111</i>	chr7	0.019758195	+ T2D risk	Body
cg17671846	<i>AGPAT3</i>	chr21	0.019759588	+ T2D risk	5'UTR
cg00506738	<i>PRMT3</i>	chr11	0.019798507	- T2D risk	5'UTR
cg00506738	<i>PRMT3</i>	chr11	0.019798507	- T2D risk	1stExon
cg13176143	<i>SSB</i>	chr2	0.019806017	- T2D risk	1stExon
cg13176143	<i>SSB</i>	chr2	0.019806017	- T2D risk	5'UTR
cg14975318	<i>NUCB2</i>	chr11	0.019817963	- T2D risk	5'UTR
cg04121115	<i>TMEM59</i>	chr1	0.019824856	- T2D risk	TSS200
cg04941409	<i>MYO6</i>	chr6	0.019842467	- T2D risk	Body
cg23938220	<i>APC</i>	chr5	0.019882079	- T2D risk	5'UTR
cg23938220	<i>APC</i>	chr5	0.019882079	- T2D risk	TSS200
cg20351189	<i>SEZ6L</i>	chr22	0.019909262	- T2D risk	Body
cg24023097	<i>FAM160A1</i>	chr4	0.019925983	- T2D risk	TSS200
cg23924526	<i>PRKCE</i>	chr2	0.019935616	+ T2D risk	Body
cg15582684	<i>CHID1</i>	chr11	0.020003244	- T2D risk	5'UTR
cg15582684	<i>CHID1</i>	chr11	0.020003244	- T2D risk	TSS200
cg26163463	<i>EIF4EBP3</i>	chr5	0.020037123	+ T2D risk	TSS1500
cg24713673	<i>ASH1L</i>	chr1	0.020050712	- T2D risk	Body
cg25283175	<i>BIRC5</i>	chr17	0.020064432	- T2D risk	3'UTR
cg07196207	<i>SEC31A</i>	chr4	0.020096901	- T2D risk	1stExon
cg07196207	<i>SEC31A</i>	chr4	0.020096901	- T2D risk	5'UTR
cg21160551	<i>ZHX2</i>	chr8	0.020134092	- T2D risk	Body
cg18324467	<i>RNF157</i>	chr17	0.02017273	- T2D risk	TSS1500
cg00590260	<i>DIP2C</i>	chr10	0.020233117	- T2D risk	Body
cg05418333	<i>CUX1</i>	chr7	0.020254517	+ T2D risk	Body
cg01058983	<i>TBC1D5</i>	chr3	0.020257499	- T2D risk	TSS1500
cg04069454	<i>ATP8A2</i>	chr13	0.020265262	+ T2D risk	Body
cg07479864	<i>ARIH1</i>	chr15	0.020276184	- T2D risk	TSS200
cg00464814	<i>ATXN1</i>	chr6	0.020283114	+ T2D risk	5'UTR
cg11010242	<i>HNRNPA2B1</i>	chr7	0.020289521	- T2D risk	TSS200
cg00491154	<i>GLG1</i>	chr16	0.020290439	+ T2D risk	Body
cg00595231	<i>TMEM131</i>	chr2	0.020306379	+ T2D risk	Body
cg09744584	<i>CLOCK</i>	chr4	0.02031211	- T2D risk	5'UTR
cg09744584	<i>CLOCK</i>	chr4	0.02031211	- T2D risk	TSS1500
cg17978764	<i>CLIC5</i>	chr6	0.0203515	- T2D risk	Body
cg09144707	<i>GAD1</i>	chr2	0.020396822	+ T2D risk	Body
cg20013571	<i>KIAA0355</i>	chr19	0.020407319	+ T2D risk	Body
cg25727952	<i>CRYL1</i>	chr13	0.020409102	- T2D risk	Body
cg26230138	<i>TMEM131</i>	chr2	0.020426892	+ T2D risk	Body
cg10937807	<i>DIP2C</i>	chr10	0.020464145	+ T2D risk	Body
cg13982511	<i>PRMT3</i>	chr11	0.020476082	- T2D risk	5'UTR
cg13982511	<i>PRMT3</i>	chr11	0.020476082	- T2D risk	1stExon
cg19153494	<i>LMX1B</i>	chr9	0.020503638	- T2D risk	TSS200
cg16856264	<i>NF1</i>	chr17	0.020530999	- T2D risk	Body
cg16589614	<i>AGPAT3</i>	chr21	0.020539932	+ T2D risk	Body
cg06306684	<i>CHID1</i>	chr11	0.020608183	- T2D risk	TSS1500
cg06306684	<i>CHID1</i>	chr11	0.020608183	- T2D risk	5'UTR

cg00145849	UBE2K	chr4	0.020611589	- T2D risk	TSS200
cg17139035	DDHD2	chr8	0.020611731	- T2D risk	TSS1500
cg15980305	FBXO11	chr2	0.020690062	- T2D risk	1stExon
cg21346528	HMBXO1	chr8	0.020717775	+ T2D risk	Body
cg22888007	FNIP2	chr4	0.020759077	- T2D risk	Body
cg09955645	DIP2C	chr10	0.02077217	- T2D risk	Body
cg07986519	PPFIBP1	chr12	0.020779882	+ T2D risk	TSS1500
cg17317180	NUCB2	chr11	0.02078079	- T2D risk	TSS1500
cg05890550	RAP1GAP2	chr17	0.020888506	- T2D risk	TSS200
cg09306188	MGRN1	chr16	0.020928695	+ T2D risk	Body
cg05148930	UXS1	chr2	0.020950274	+ T2D risk	Body
cg11413800	MAST1	chr19	0.021087732	+ T2D risk	5'UTR
cg11413800	MAST1	chr19	0.021087732	+ T2D risk	1stExon
cg02512074	TMEM131	chr2	0.021092417	+ T2D risk	Body
cg04230700	COL4A1	chr13	0.021108986	- T2D risk	Body
cg02171500	CHKA	chr11	0.021113731	- T2D risk	Body
cg05928023	ATRNL	chr20	0.021172121	- T2D risk	TSS200
cg16308229	PTP4A2	chr1	0.021228951	+ T2D risk	Body
cg27227281	SRPK2	chr7	0.021273138	+ T2D risk	Body
cg06913008	POC1B	chr12	0.021277858	- T2D risk	TSS200
cg06913008	POC1B	chr12	0.021277858	- T2D risk	Body
cg25421615	SVIP	chr11	0.021320188	- T2D risk	TSS200
cg15258722	COL4A1	chr13	0.021367616	+ T2D risk	3'UTR
cg13721302	SRPK2	chr7	0.02137882	- T2D risk	Body
cg24462974	PCYT1A	chr3	0.021393155	+ T2D risk	1stExon
cg24462974	PCYT1A	chr3	0.021393155	+ T2D risk	5'UTR
cg19548539	CHID1	chr11	0.021429532	+ T2D risk	5'UTR
cg19548539	CHID1	chr11	0.021429532	+ T2D risk	TSS200
cg02523617	UBE2K	chr4	0.021506157	- T2D risk	TSS1500
cg17933386	SSBP2	chr5	0.02153772	- T2D risk	TSS200
cg18143675	CUX1	chr7	0.021585951	- T2D risk	Body
cg24180839	ARL15	chr5	0.021610187	- T2D risk	Body
cg08305551	MAST1	chr19	0.021639569	+ T2D risk	Body
cg09822191	PPFIBP1	chr12	0.021646798	- T2D risk	5'UTR
cg09040184	PDE7A	chr8	0.021684243	- T2D risk	TSS200
cg00393957	ATXN1	chr6	0.021753228	- T2D risk	5'UTR
cg00777989	GALK2	chr15	0.021775481	- T2D risk	Body
cg25936980	ARIH1	chr15	0.02177761	- T2D risk	Body
cg18520125	FLT1	chr13	0.021795102	+ T2D risk	Body
cg11388000	CEP126	chr11	0.021821991	+ T2D risk	Body
cg08432204	NCOA7	chr6	0.021829597	- T2D risk	Body
cg07238439	TPCN1	chr12	0.021844734	+ T2D risk	Body
cg24749470	CADM1	chr11	0.021935428	+ T2D risk	Body
cg07097949	UBL3	chr13	0.021942354	+ T2D risk	Body
cg20073681	MGRN1	chr16	0.021954467	+ T2D risk	TSS1500
cg03960871	ST20	chr15	0.021969442	- T2D risk	1stExon
cg03960871	ST20	chr15	0.021969442	- T2D risk	5'UTR
cg03960871	ST20	chr15	0.021969442	- T2D risk	Body
cg14429526	DIP2C	chr10	0.021983397	- T2D risk	Body
cg08806444	ARL8B	chr3	0.021993759	- T2D risk	5'UTR
cg08806444	ARL8B	chr3	0.021993759	- T2D risk	1stExon
cg13477178	DIP2C	chr10	0.022003914	- T2D risk	Body
cg17758563	ATXN1	chr6	0.02207735	+ T2D risk	Body
cg24713789	AGPAT3	chr21	0.02209715	- T2D risk	5'UTR
cg26831416	ACTN4	chr19	0.022144892	- T2D risk	Body
cg15547001	CADM1	chr11	0.022217589	+ T2D risk	Body
cg11392877	PDE8A	chr15	0.022222015	- T2D risk	TSS1500
cg02967392	PACS2	chr14	0.022222525	- T2D risk	5'UTR
cg11561371	PHF21A	chr11	0.022230431	- T2D risk	TSS1500
cg06973293	SCARB2	chr4	0.022235489	- T2D risk	5'UTR
cg06973293	SCARB2	chr4	0.022235489	- T2D risk	1stExon
cg17989243	RSF1	chr11	0.02223613	+ T2D risk	Body
cg14233507	SKAP1	chr17	0.022313637	- T2D risk	TSS200
cg11783515	KIAA0355	chr19	0.022354302	- T2D risk	Body
cg03076324	DNAJC1	chr10	0.022365812	- T2D risk	5'UTR
cg03076324	DNAJC1	chr10	0.022365812	- T2D risk	1stExon
cg13432682	ITPKB	chr1	0.022368851	+ T2D risk	Body
cg19392911	ST20	chr15	0.022395239	- T2D risk	TSS200
cg19392911	ST20	chr15	0.022395239	- T2D risk	Body
cg20848842	TANC2	chr17	0.022434524	- T2D risk	Body

cg08317883	CUX2	chr12	0.022471153	+ T2D risk	Body
cg14228269	KCNJ12	chr17	0.022510101	+ T2D risk	5'UTR
cg13094511	INPP4A	chr2	0.022523716	- T2D risk	TSS200
cg14720477	TENM2	chr5	0.022524858	- T2D risk	Body
cg10324413	ARIH1	chr15	0.02253398	- T2D risk	ExonBnd
cg10324413	ARIH1	chr15	0.02253398	- T2D risk	Body
cg19207033	PDE7A	chr8	0.022569261	- T2D risk	TSS200
cg26572392	KIAA1217	chr10	0.022594487	+ T2D risk	TSS1500
cg26572392	KIAA1217	chr10	0.022594487	+ T2D risk	5'UTR
cg10370262	PRKAG2	chr7	0.022605278	+ T2D risk	Body
cg02941444	ADCY5	chr3	0.022643022	- T2D risk	Body
cg02941444	ADCY5	chr3	0.022643022	- T2D risk	TSS1500
cg10102384	PACRG	chr6	0.022782658	- T2D risk	TSS200
cg10102384	PACRG	chr6	0.022782658	- T2D risk	TSS1500
cg18345406	FAM160A1	chr4	0.022844415	- T2D risk	5'UTR
cg06023506	PRKCE	chr2	0.022868171	+ T2D risk	Body
cg23506964	CLOCK	chr4	0.022879407	- T2D risk	TSS1500
cg14323109	KDR	chr4	0.022904526	- T2D risk	TSS200
cg23723775	NUP98	chr11	0.022917757	+ T2D risk	Body
cg00577935	APC	chr5	0.022964932	- T2D risk	TSS1500
cg00577935	APC	chr5	0.022964932	- T2D risk	5'UTR
cg18281160	CADM1	chr11	0.023025933	- T2D risk	TSS200
cg05496738	ASXL2	chr2	0.023053243	- T2D risk	TSS1500
cg10505257	MGRN1	chr16	0.023073177	+ T2D risk	Body
cg01061590	PPFIBP1	chr12	0.02313812	- T2D risk	5'UTR
cg01061590	PPFIBP1	chr12	0.02313812	- T2D risk	1stExon
cg00995902	ERC2	chr3	0.023142164	+ T2D risk	Body
cg14892570	WIZ	chr19	0.023174274	+ T2D risk	5'UTR
cg15286601	SRPK2	chr7	0.023284802	+ T2D risk	Body
cg11774909	KIAA1217	chr10	0.023290958	- T2D risk	Body
cg24130534	NUF2	chr1	0.023316562	- T2D risk	TSS200
cg17652206	USP53	chr4	0.02334831	- T2D risk	TSS200
cg21796999	SGSM2	chr17	0.023413823	+ T2D risk	3'UTR
cg09306986	CREBBP	chr16	0.023424221	+ T2D risk	Body
cg08060515	GALK2	chr15	0.023440839	- T2D risk	5'UTR
cg08060515	GALK2	chr15	0.023440839	- T2D risk	1stExon
cg00164350	ACTN4	chr19	0.023456695	+ T2D risk	Body
cg18892778	PRKAG2	chr7	0.023491763	- T2D risk	5'UTR
cg18892778	PRKAG2	chr7	0.023491763	- T2D risk	Body
cg15615045	CLEC16A	chr16	0.023640267	- T2D risk	Body
cg10282410	CALD1	chr7	0.023693716	- T2D risk	Body
cg02198771	BCAT1	chr12	0.023696023	+ T2D risk	Body
cg00934564	TTC28	chr22	0.023767739	+ T2D risk	Body
cg03961189	CTR9	chr11	0.023772398	- T2D risk	TSS200
cg13393195	TPCN1	chr12	0.023876737	+ T2D risk	TSS200
cg24167027	KCNJ12	chr17	0.023911462	+ T2D risk	TSS1500
cg04996852	CREBBP	chr16	0.023916841	- T2D risk	1stExon
cg04996852	CREBBP	chr16	0.023916841	- T2D risk	5'UTR
cg23888154	ATP8A1	chr4	0.023943715	- T2D risk	TSS200
cg02847074	CUX2	chr12	0.023959896	- T2D risk	Body
cg07123198	HNRNPA2B1	chr7	0.024051372	+ T2D risk	Body
cg10809719	DIP2C	chr10	0.024052813	- T2D risk	Body
cg06993329	CHID1	chr11	0.024092576	+ T2D risk	Body
cg27067133	RET	chr10	0.02413563	+ T2D risk	Body
cg06648971	SNX4	chr3	0.024178584	- T2D risk	5'UTR
cg06648971	SNX4	chr3	0.024178584	- T2D risk	1stExon
cg08306029	DIP2C	chr10	0.02429273	- T2D risk	Body
cg27097962	PACS2	chr14	0.024303171	- T2D risk	TSS1500
cg06578097	PRMT3	chr11	0.02432605	- T2D risk	TSS1500
cg04263685	ATP6V1H	chr8	0.024331422	- T2D risk	TSS200
cg04263685	ATP6V1H	chr8	0.024331422	- T2D risk	TSS1500
cg11848677	POLA1	chrX	0.024367256	- T2D risk	Body
cg17339505	RET	chr10	0.024374926	- T2D risk	1stExon
cg17339505	RET	chr10	0.024374926	- T2D risk	5'UTR
cg19681027	CHKA	chr11	0.024405248	- T2D risk	1stExon
cg09359751	TMEM131	chr2	0.024412259	+ T2D risk	Body
cg15419330	TENM2	chr5	0.024454077	- T2D risk	Body
cg00436183	ATXN1	chr6	0.024454443	+ T2D risk	Body
cg17844160	ARL15	chr5	0.024476039	+ T2D risk	TSS200
cg06644086	EFR3A	chr8	0.02449602	- T2D risk	ExonBnd

cg06644086	<i>EFR3A</i>	chr8	0.02449602	- T2D risk	Body
cg13965276	<i>RBM4</i>	chr11	0.024516377	- T2D risk	TSS1500
cg16386051	<i>ATP8A1</i>	chr4	0.024587117	+ T2D risk	Body
cg20702204	<i>CHFR</i>	chr12	0.02466733	+ T2D risk	Body
cg18267330	<i>INPP4A</i>	chr2	0.024670746	- T2D risk	5'UTR
cg01994290	<i>PLEKHG3</i>	chr14	0.024672275	- T2D risk	TSS1500
cg10989326	<i>EVI5</i>	chr1	0.024694484	- T2D risk	TSS1500
cg17521868	<i>KIAA1217</i>	chr10	0.024713455	- T2D risk	TSS200
cg17521868	<i>KIAA1217</i>	chr10	0.024713455	- T2D risk	5'UTR
cg17521868	<i>KIAA1217</i>	chr10	0.024713455	- T2D risk	Body
cg07626446	<i>AMD1</i>	chr6	0.024790939	- T2D risk	5'UTR
cg04635366	<i>PDE5A</i>	chr4	0.02480554	- T2D risk	Body
cg04635366	<i>PDE5A</i>	chr4	0.02480554	- T2D risk	TSS200
cg04635366	<i>PDE5A</i>	chr4	0.02480554	- T2D risk	5'UTR
cg19038894	<i>WWP2</i>	chr16	0.024915468	- T2D risk	Body
cg04384209	<i>KDM4B</i>	chr19	0.024939169	+ T2D risk	5'UTR
cg22780174	<i>DIP2C</i>	chr10	0.024993104	- T2D risk	Body
cg12243267	<i>USP29</i>	chr19	0.025020476	- T2D risk	TSS1500
cg04627328	<i>PDE3A</i>	chr12	0.025025903	+ T2D risk	Body
cg19419598	<i>ITGA1</i>	chr5	0.025033216	- T2D risk	TSS200
cg21620743	<i>GLG1</i>	chr16	0.025058495	- T2D risk	Body
cg13870451	<i>SLIT3</i>	chr5	0.025148972	+ T2D risk	Body
cg01056637	<i>ATP8A2</i>	chr13	0.025445006	- T2D risk	Body
cg12523815	<i>PHF21A</i>	chr11	0.025469717	- T2D risk	5'UTR
cg18242990	<i>GNA12</i>	chr7	0.025475485	- T2D risk	TSS200
cg00607264	<i>DNAJC1</i>	chr10	0.025513177	- T2D risk	5'UTR
cg00607264	<i>DNAJC1</i>	chr10	0.025513177	- T2D risk	1stExon
cg07764140	<i>DENND4C</i>	chr9	0.025564473	+ T2D risk	Body
cg02811712	<i>ARPP19</i>	chr15	0.025578459	- T2D risk	TSS1500
cg13586204	<i>TSGA10</i>	chr2	0.025754783	- T2D risk	Body
cg00422519	<i>APBA1</i>	chr9	0.025814893	- T2D risk	Body
cg22734228	<i>CUX1</i>	chr7	0.025819	+ T2D risk	Body
cg07566917	<i>DIP2C</i>	chr10	0.025836505	+ T2D risk	Body
cg12430467	<i>TJP1</i>	chr15	0.02586164	+ T2D risk	TSS1500
cg26360121	<i>KIAA0355</i>	chr19	0.025864072	- T2D risk	5'UTR
cg26360121	<i>KIAA0355</i>	chr19	0.025864072	- T2D risk	1stExon
cg18189314	<i>RGS7</i>	chr1	0.025897574	- T2D risk	Body
cg10692693	<i>CUX1</i>	chr7	0.025924483	- T2D risk	Body
cg11844827	<i>HNRNPA2B1</i>	chr7	0.025960315	- T2D risk	5'UTR
cg11844827	<i>HNRNPA2B1</i>	chr7	0.025960315	- T2D risk	1stExon
cg20140940	<i>RGS7</i>	chr1	0.026005194	- T2D risk	Body
cg11115622	<i>PLEKHG3</i>	chr14	0.026006498	- T2D risk	TSS1500
cg01676918	<i>EFR3A</i>	chr8	0.026013137	+ T2D risk	Body
cg03253073	<i>PRKAG2</i>	chr7	0.026104627	+ T2D risk	Body
cg12316290	<i>UBL3</i>	chr13	0.026128525	- T2D risk	TSS1500
cg25642172	<i>ARPP19</i>	chr15	0.026129365	+ T2D risk	TSS1500
cg18763911	<i>WIZ</i>	chr19	0.026228307	- T2D risk	TSS1500
cg04397316	<i>TAB2</i>	chr6	0.026236281	- T2D risk	5'UTR
cg04397316	<i>TAB2</i>	chr6	0.026236281	- T2D risk	Body
cg22912359	<i>TOP2A</i>	chr17	0.02625151	- T2D risk	TSS200
cg26926919	<i>ERC2</i>	chr3	0.026278916	- T2D risk	3'UTR
cg15929700	<i>INPP4A</i>	chr2	0.026504195	- T2D risk	Body
cg25429446	<i>ANK2</i>	chr4	0.026520162	- T2D risk	Body
cg11283604	<i>PRKAG2</i>	chr7	0.026525806	+ T2D risk	Body
cg24120297	<i>DACH1</i>	chr13	0.026529218	- T2D risk	Body
cg23838943	<i>KDM4B</i>	chr19	0.026593793	+ T2D risk	Body
cg16403964	<i>TMEM131</i>	chr2	0.026619016	- T2D risk	Body
cg10010183	<i>PTPRU</i>	chr1	0.026669164	- T2D risk	Body
cg09664975	<i>PRKACB</i>	chr1	0.026734571	+ T2D risk	TSS200
cg00868206	<i>TAB2</i>	chr6	0.02677362	- T2D risk	5'UTR
cg00868206	<i>TAB2</i>	chr6	0.02677362	- T2D risk	Body
cg03738400	<i>PDE8A</i>	chr15	0.026793935	- T2D risk	5'UTR
cg03738400	<i>PDE8A</i>	chr15	0.026793935	- T2D risk	Body
cg00494000	<i>GRK5</i>	chr10	0.0267951	- T2D risk	Body
cg05476493	<i>LAMA4</i>	chr6	0.026796573	+ T2D risk	Body
cg21018689	<i>PRKAG2</i>	chr7	0.026798587	- T2D risk	TSS200
cg17472610	<i>CUX1</i>	chr7	0.026867614	+ T2D risk	Body
cg22124678	<i>ZHX2</i>	chr8	0.026896419	- T2D risk	TSS200
cg20931305	<i>ATXN1</i>	chr6	0.026902277	- T2D risk	5'UTR
cg07208650	<i>NCOA2</i>	chr8	0.026921706	+ T2D risk	Body

cg16072823	DIP2C	chr10	0.026939761	+ T2D risk	Body
cg02698770	CLEC16A	chr16	0.026961419	+ T2D risk	Body
cg23736485	WIZ	chr19	0.026964283	- T2D risk	TSS1500
cg07676002	CDH22	chr20	0.027061854	- T2D risk	1stExon
cg07676002	CDH22	chr20	0.027061854	- T2D risk	5'UTR
cg19770550	MMS19	chr10	0.027067838	- T2D risk	1stExon
cg19770550	MMS19	chr10	0.027067838	- T2D risk	5'UTR
cg09805925	DIP2C	chr10	0.027138255	+ T2D risk	Body
cg10254692	PLAGL1	chr6	0.027178629	- T2D risk	TSS1500
cg24368124	PACS1	chr11	0.027206513	- T2D risk	Body
cg06212607	GGPS1	chr1	0.027273147	- T2D risk	TSS200
cg14933266	NF1	chr17	0.027302576	- T2D risk	1stExon
cg14933266	NF1	chr17	0.027302576	- T2D risk	5'UTR
cg01216424	DDC	chr7	0.027319531	- T2D risk	Body
cg13945567	FAM160A1	chr4	0.027333049	- T2D risk	5'UTR
cg13945567	FAM160A1	chr4	0.027333049	- T2D risk	1stExon
cg20311501	APC	chr5	0.027348636	- T2D risk	5'UTR
cg20311501	APC	chr5	0.027348636	- T2D risk	TSS200
cg04631584	PHACTR1	chr6	0.027348734	- T2D risk	Body
cg27585914	CALD1	chr7	0.027392472	- T2D risk	5'UTR
cg05148789	PRMT3	chr11	0.027402351	- T2D risk	Body
cg00722097	AMD1	chr6	0.027405342	- T2D risk	TSS200
cg01352634	FBXO11	chr2	0.027407413	- T2D risk	TSS1500
cg02601626	CHID1	chr11	0.027519183	+ T2D risk	Body
cg13029606	ARHGEF9	chrX	0.027538324	- T2D risk	Body
cg03552472	TIMM23	chr10	0.02764772	- T2D risk	TSS1500
cg03879109	CREBBP	chr16	0.027764475	- T2D risk	3'UTR
cg08804258	LMCD1	chr3	0.02777256	- T2D risk	TSS200
cg16559695	PACS2	chr14	0.027826679	- T2D risk	3'UTR
cg05526886	RHBDD1	chr2	0.027842609	- T2D risk	5'UTR
cg05439814	RBBP6	chr16	0.027855516	- T2D risk	TSS200
cg26875355	TOP2A	chr17	0.027864381	+ T2D risk	Body
cg26875355	TOP2A	chr17	0.027864381	+ T2D risk	ExonBnd
cg09516362	NQO1	chr16	0.027877827	- T2D risk	5'UTR
cg09516362	NQO1	chr16	0.027877827	- T2D risk	1stExon
cg06030477	KIAA1217	chr10	0.027895742	- T2D risk	Body
cg04816971	USP53	chr4	0.027926672	+ T2D risk	5'UTR
cg04816971	USP53	chr4	0.027926672	+ T2D risk	1stExon
cg26791649	RAP2A	chr13	0.027933999	+ T2D risk	3'UTR
cg00688802	RHBDD1	chr2	0.027984573	- T2D risk	3'UTR
cg25042258	CUL1	chr7	0.028021988	+ T2D risk	Body
cg13404079	PLEKHG3	chr14	0.028037202	- T2D risk	TSS200
cg07831198	ACTN4	chr19	0.028226892	+ T2D risk	Body
cg24318365	DIP2C	chr10	0.028407675	+ T2D risk	Body
cg03217795	PRKCB	chr16	0.028469014	- T2D risk	1stExon
cg06934615	SMG7	chr1	0.028490823	- T2D risk	1stExon
cg06934615	SMG7	chr1	0.028490823	- T2D risk	5'UTR
cg10124355	KDM4B	chr19	0.028512825	+ T2D risk	Body
cg07638884	ROBO2	chr3	0.028536259	- T2D risk	TSS1500
cg09806900	CUL1	chr7	0.02864076	+ T2D risk	Body
cg26889586	RCAN2	chr6	0.028648496	- T2D risk	Body
cg16136926	CLASP2	chr3	0.028718514	- T2D risk	Body
cg16136926	CLASP2	chr3	0.028718514	- T2D risk	TSS1500
cg08466495	ATXN1	chr6	0.028723622	- T2D risk	5'UTR
cg09018718	ATXN1	chr6	0.028763593	+ T2D risk	5'UTR
cg17864737	TANC2	chr17	0.028774117	+ T2D risk	Body
cg06337717	CRYL1	chr13	0.02878514	- T2D risk	Body
cg06569421	CUX1	chr7	0.028785915	+ T2D risk	Body
cg16519495	ENAH	chr1	0.028889338	+ T2D risk	Body
cg07507918	PLAGL1	chr6	0.028892491	- T2D risk	TSS200
cg03778388	PPP1R12A	chr12	0.028929064	- T2D risk	Body
cg03778388	PPP1R12A	chr12	0.028929064	- T2D risk	1stExon
cg21311644	UXS1	chr2	0.028966925	+ T2D risk	TSS1500
cg01291392	SGSM2	chr17	0.029011274	+ T2D risk	Body
cg10390979	CLEC16A	chr16	0.02901973	- T2D risk	Body
cg22703532	GRK5	chr10	0.029062318	+ T2D risk	Body
cg13072810	ANK2	chr4	0.029114527	- T2D risk	Body
cg02060584	ANK2	chr4	0.029163183	- T2D risk	TSS200
cg02060584	ANK2	chr4	0.029163183	- T2D risk	Body
cg15094819	DNAH9	chr17	0.029194917	- T2D risk	1stExon

cg22206842	<i>SPOCK1</i>	chr5	0.029248502	+ T2D risk	Body
cg18721155	<i>DIP2C</i>	chr10	0.029254111	- T2D risk	Body
cg15716812	<i>APBA1</i>	chr9	0.029330959	+ T2D risk	1stExon
cg15716812	<i>APBA1</i>	chr9	0.029330959	+ T2D risk	5'UTR
cg22814146	<i>BCAT1</i>	chr12	0.029359968	+ T2D risk	Body
cg01211769	<i>SKAP1</i>	chr17	0.029406955	- T2D risk	Body
cg03565923	<i>SPOCK1</i>	chr5	0.029476385	- T2D risk	Body
cg00982952	<i>GLG1</i>	chr16	0.029507594	- T2D risk	Body
cg25977384	<i>CLEC16A</i>	chr16	0.029567047	- T2D risk	Body
cg25642020	<i>KDM4B</i>	chr19	0.029600462	+ T2D risk	5'UTR
cg24835999	<i>DDC</i>	chr7	0.0296077	- T2D risk	Body
cg10306584	<i>TTC28</i>	chr22	0.029652959	- T2D risk	Body
cg05697637	<i>ATP8A1</i>	chr4	0.029654541	- T2D risk	TSS1500
cg09547578	<i>PPFIBP1</i>	chr12	0.029763415	+ T2D risk	Body
cg00173911	<i>ATXN1</i>	chr6	0.029790549	+ T2D risk	5'UTR
cg06682763	<i>RSF1</i>	chr11	0.029868683	- T2D risk	Body
cg07280272	<i>DLL4</i>	chr15	0.029892234	+ T2D risk	3'UTR
cg08799032	<i>PRKCE</i>	chr2	0.029932153	+ T2D risk	Body
cg12850545	<i>NCOA7</i>	chr6	0.029933761	- T2D risk	5'UTR
cg11180303	<i>HMBBOX1</i>	chr8	0.029959338	- T2D risk	TSS1500
cg25986496	<i>BIRC5</i>	chr17	0.030031781	+ T2D risk	TSS1500
cg07398555	<i>TANC2</i>	chr17	0.030072518	+ T2D risk	Body
cg04656576	<i>TENM2</i>	chr5	0.030073563	- T2D risk	Body
cg11703569	<i>PKD1</i>	chr2	0.030107253	- T2D risk	Body
cg27010421	<i>DYNC111</i>	chr7	0.030111788	- T2D risk	Body
cg01690625	<i>CLEC16A</i>	chr16	0.030118864	+ T2D risk	Body
cg21647361	<i>CUX1</i>	chr7	0.03023356	- T2D risk	Body
cg18682873	<i>RHOQ</i>	chr2	0.030305673	- T2D risk	TSS200
cg21232943	<i>ACSS2</i>	chr20	0.03030678	- T2D risk	Body
cg21232943	<i>ACSS2</i>	chr20	0.03030678	- T2D risk	ExonBnd
cg11382054	<i>PPFIBP1</i>	chr12	0.030358462	- T2D risk	5'UTR
cg06193766	<i>DIP2C</i>	chr10	0.030390368	- T2D risk	Body
cg05755092	<i>NUP98</i>	chr11	0.030390562	- T2D risk	5'UTR
cg05755092	<i>NUP98</i>	chr11	0.030390562	- T2D risk	1stExon
cg08545398	<i>TMEM59</i>	chr1	0.03043891	- T2D risk	TSS200
cg04254159	<i>PDE7A</i>	chr8	0.030463294	+ T2D risk	TSS200
cg04254159	<i>PDE7A</i>	chr8	0.030463294	+ T2D risk	Body
cg26314512	<i>DIP2C</i>	chr10	0.030465885	- T2D risk	Body
cg09830206	<i>PACS1</i>	chr11	0.030467739	+ T2D risk	Body
cg25648198	<i>ANK3</i>	chr10	0.030474284	- T2D risk	Body
cg25612405	<i>CREBBP</i>	chr16	0.030478547	+ T2D risk	Body
cg23128634	<i>RANBP17</i>	chr5	0.030489026	- T2D risk	TSS200
cg17077815	<i>TMEM131</i>	chr2	0.030490469	+ T2D risk	Body
cg25043477	<i>RSF1</i>	chr11	0.030514837	- T2D risk	1stExon
cg25043477	<i>RSF1</i>	chr11	0.030514837	- T2D risk	5'UTR
cg15291615	<i>CLEC16A</i>	chr16	0.030573126	+ T2D risk	Body
cg19928336	<i>SRPK2</i>	chr7	0.030578612	- T2D risk	TSS200
cg21332508	<i>RAP1GAP2</i>	chr17	0.030653865	- T2D risk	Body
cg25173240	<i>UBE2K</i>	chr4	0.030659816	- T2D risk	Body
cg23758158	<i>RET</i>	chr10	0.030690457	+ T2D risk	Body
cg22565961	<i>SSBP2</i>	chr5	0.030692343	+ T2D risk	Body
cg20333536	<i>ARHGAP32</i>	chr11	0.030763198	- T2D risk	Body
cg13931914	<i>TPCN1</i>	chr12	0.030775848	- T2D risk	TSS1500
cg13600448	<i>CLEC16A</i>	chr16	0.030784856	- T2D risk	Body
cg16333971	<i>UBL3</i>	chr13	0.030830346	+ T2D risk	TSS200
cg25712088	<i>DIP2C</i>	chr10	0.030910925	- T2D risk	Body
cg13366219	<i>RNF157</i>	chr17	0.030917438	- T2D risk	1stExon
cg00033551	<i>MGRN1</i>	chr16	0.030945957	+ T2D risk	Body
cg00033551	<i>MGRN1</i>	chr16	0.030945957	+ T2D risk	3'UTR
cg13837816	<i>TAB2</i>	chr6	0.030988623	+ T2D risk	TSS1500
cg15128842	<i>CALD1</i>	chr7	0.031046976	+ T2D risk	Body
cg17852997	<i>CRYL1</i>	chr13	0.031051835	+ T2D risk	TSS1500
cg09292525	<i>KIAA0232</i>	chr4	0.03107503	- T2D risk	Body
cg25400013	<i>NPAT</i>	chr11	0.031220031	- T2D risk	TSS200
cg23245009	<i>DIP2C</i>	chr10	0.031380313	- T2D risk	Body
cg04287966	<i>ATP8A2</i>	chr13	0.031533802	- T2D risk	Body
cg02350295	<i>CREBBP</i>	chr16	0.031577889	+ T2D risk	Body
cg15562220	<i>SCGN</i>	chr6	0.03158852	- T2D risk	TSS200
cg11527220	<i>SPAG9</i>	chr17	0.031625765	- T2D risk	3'UTR
cg03914662	<i>PACS1</i>	chr11	0.031626636	- T2D risk	Body

cg08323023	TAB2	chr6	0.031653583	+ T2D risk	Body
cg07782585	RET	chr10	0.031672887	+ T2D risk	Body
cg04988768	COL4A1	chr13	0.031681588	- T2D risk	Body
cg13319197	PHF21A	chr11	0.031768425	- T2D risk	5'UTR
cg18216587	CNTNAP2	chr7	0.031790718	- T2D risk	Body
cg16261875	CLIC5	chr6	0.031823769	+ T2D risk	TSS1500
cg16261875	CLIC5	chr6	0.031823769	+ T2D risk	Body
cg27039612	TOP2A	chr17	0.031843363	+ T2D risk	TSS1500
cg08013355	TENM2	chr5	0.03186499	- T2D risk	Body
cg22434185	ST20	chr15	0.031932467	- T2D risk	TSS200
cg22434185	ST20	chr15	0.031932467	- T2D risk	Body
cg17054841	SLC29A4	chr7	0.031944644	+ T2D risk	Body
cg21373996	DIP2C	chr10	0.031979835	+ T2D risk	Body
cg01444209	RGS7	chr1	0.032095664	+ T2D risk	Body
cg04996334	LMX1B	chr9	0.032181236	- T2D risk	Body
cg03111576	CLEC16A	chr16	0.03219285	+ T2D risk	Body
cg24417971	CUX1	chr7	0.032234548	- T2D risk	Body
cg27016993	PLAGL1	chr6	0.032256622	+ T2D risk	5'UTR
cg11385204	DIP2C	chr10	0.032286472	+ T2D risk	Body
cg23454289	CUX1	chr7	0.032331206	+ T2D risk	Body
cg18204079	PRKCE	chr2	0.03235377	+ T2D risk	1stExon
cg18204079	PRKCE	chr2	0.03235377	+ T2D risk	5'UTR
cg25618486	TPCN1	chr12	0.032360788	+ T2D risk	Body
cg27307154	CDK8	chr13	0.032368715	- T2D risk	Body
cg23805664	UNC80	chr2	0.032380585	+ T2D risk	Body
cg10810761	IFT74	chr9	0.032397748	- T2D risk	5'UTR
cg10810761	IFT74	chr9	0.032397748	- T2D risk	1stExon
cg17953636	SVIP	chr11	0.032409595	+ T2D risk	1stExon
cg17953636	SVIP	chr11	0.032409595	+ T2D risk	5'UTR
cg15735507	CLEC16A	chr16	0.032412765	+ T2D risk	Body
cg18225582	PLEKHG3	chr14	0.03245934	- T2D risk	1stExon
cg18225582	PLEKHG3	chr14	0.03245934	- T2D risk	5'UTR
cg03746851	KCNJ12	chr17	0.032481307	+ T2D risk	5'UTR
cg03991849	PACS2	chr14	0.032657167	- T2D risk	TSS1500
cg02730492	COL4A1	chr13	0.032706939	+ T2D risk	Body
cg15305836	PRKAG2	chr7	0.032824918	- T2D risk	Body
cg26225767	CUX2	chr12	0.032846872	+ T2D risk	Body
cg05589743	ULK4	chr3	0.032882243	+ T2D risk	5'UTR
cg17870270	LCA5	chr6	0.032938828	- T2D risk	TSS200
cg22230648	TOX3	chr16	0.032942203	- T2D risk	Body
cg00491607	POC1B	chr12	0.032942256	- T2D risk	5'UTR
cg00491607	POC1B	chr12	0.032942256	- T2D risk	Body
cg24119463	CLEC16A	chr16	0.032969755	+ T2D risk	TSS1500
cg14407304	MGRN1	chr16	0.033175817	- T2D risk	Body
cg13796605	TSC22D1	chr13	0.03319851	- T2D risk	Body
cg13796605	TSC22D1	chr13	0.03319851	- T2D risk	5'UTR
cg15650664	MET	chr7	0.033256907	+ T2D risk	Body
cg25283471	PRMT3	chr11	0.033296032	- T2D risk	5'UTR
cg25283471	PRMT3	chr11	0.033296032	- T2D risk	1stExon
cg11723361	ANKHD1	chr5	0.033368189	+ T2D risk	TSS1500
cg13471712	PHF21A	chr11	0.033482695	+ T2D risk	3'UTR
cg02976843	RAP1GAP2	chr17	0.033510246	+ T2D risk	Body
cg21030867	ULK4	chr3	0.033543432	- T2D risk	Body
cg18793367	CUX1	chr7	0.033563466	- T2D risk	Body
cg03216410	KDM4B	chr19	0.033635874	- T2D risk	5'UTR
cg07873251	DLL4	chr15	0.033636393	+ T2D risk	TSS1500
cg09992406	DIP2C	chr10	0.033661526	+ T2D risk	Body
cg10128878	PACS1	chr11	0.033691787	- T2D risk	Body
cg17918227	CADM1	chr11	0.033764939	- T2D risk	Body
cg05867001	PACS2	chr14	0.033777233	- T2D risk	Body
cg05867001	PACS2	chr14	0.033777233	- T2D risk	5'UTR
cg19815354	RSF1	chr11	0.033788805	- T2D risk	Body
cg11201273	DDHD2	chr8	0.033933739	- T2D risk	TSS1500
cg11201273	DDHD2	chr8	0.033933739	- T2D risk	TSS200
cg22216302	ACSS2	chr20	0.033935668	- T2D risk	Body
cg26691415	KIAA1217	chr10	0.033971837	- T2D risk	Body
cg12651632	TANC2	chr17	0.034057873	+ T2D risk	3'UTR
cg17545334	HNRNPA2B1	chr7	0.034116825	+ T2D risk	TSS1500
cg04571417	CLEC16A	chr16	0.034234639	+ T2D risk	Body
cg01640577	SEC31A	chr4	0.034266992	- T2D risk	1stExon

cg01640577	SEC31A	chr4	0.034266992	- T2D risk	TSS200
cg01640577	SEC31A	chr4	0.034266992	- T2D risk	5'UTR
cg24879426	RHOA	chr3	0.034356255	- T2D risk	TSS1500
cg09524422	ITPKB	chr1	0.034375863	- T2D risk	Body
cg10644659	CUX1	chr7	0.034434599	- T2D risk	Body
cg24317988	ITGB1	chr10	0.034440703	- T2D risk	TSS200
cg24317988	ITGB1	chr10	0.034440703	- T2D risk	TSS1500
cg08672557	DNAJC1	chr10	0.034508464	+ T2D risk	TSS200
cg03555233	ZHX2	chr8	0.034531408	- T2D risk	5'UTR
cg19684445	NCOA7	chr6	0.034545244	- T2D risk	5'UTR
cg19684445	NCOA7	chr6	0.034545244	- T2D risk	Body
cg04127538	KIAA1109	chr4	0.034555331	+ T2D risk	Body
cg24030260	TSGA10	chr2	0.034603441	+ T2D risk	5'UTR
cg07173655	ATP8A2	chr13	0.034694751	- T2D risk	Body
cg23333125	GNA12	chr7	0.03475359	- T2D risk	Body
cg23333125	GNA12	chr7	0.03475359	- T2D risk	TSS1500
cg07717559	RAP1GAP2	chr17	0.034808073	- T2D risk	TSS1500
cg01404615	DKK2	chr4	0.034941888	+ T2D risk	TSS1500
cg15818800	DNAJC1	chr10	0.035026824	- T2D risk	5'UTR
cg15818800	DNAJC1	chr10	0.035026824	- T2D risk	1stExon
cg02227323	PACS1	chr11	0.035126186	+ T2D risk	Body
cg02369548	INPP4A	chr2	0.035218122	+ T2D risk	5'UTR
cg13415865	RAP1GAP2	chr17	0.035227558	+ T2D risk	Body
cg01056945	RHOQ	chr2	0.035335506	- T2D risk	TSS1500
cg13732130	PRKD1	chr14	0.03539769	+ T2D risk	Body
cg19351350	SLC7A2	chr8	0.035436802	+ T2D risk	3'UTR
cg05769535	TBC1D5	chr3	0.035483044	- T2D risk	Body
cg13303737	TSGA10	chr2	0.035493766	- T2D risk	5'UTR
cg13303737	TSGA10	chr2	0.035493766	- T2D risk	TSS200
cg26814089	ARL15	chr5	0.03550658	+ T2D risk	Body
cg00811729	ARID2	chr12	0.035524283	+ T2D risk	Body
cg14535460	TENM2	chr5	0.035711126	+ T2D risk	Body
cg15010352	MAST1	chr19	0.035790304	- T2D risk	TSS1500
cg21261709	SRPK2	chr7	0.035857013	- T2D risk	Body
cg20472384	DIP2C	chr10	0.035910911	- T2D risk	Body
cg25030932	CHID1	chr11	0.036023304	+ T2D risk	Body
cg07223180	CRYL1	chr13	0.03636115	+ T2D risk	Body
cg20096382	CUX2	chr12	0.036376172	+ T2D risk	Body
cg05780074	SEC31A	chr4	0.036469927	- T2D risk	1stExon
cg05780074	SEC31A	chr4	0.036469927	- T2D risk	5'UTR
cg05656497	COL4A1	chr13	0.036495385	- T2D risk	Body
cg16766259	SRPK2	chr7	0.036509898	- T2D risk	Body
cg17287921	PRKCE	chr2	0.036515603	- T2D risk	Body
cg02590295	PDE7A	chr8	0.036526401	- T2D risk	TSS1500
cg25022682	SEZ6L	chr22	0.0365392	+ T2D risk	TSS1500
cg16842483	DNAJC13	chr3	0.036618801	+ T2D risk	Body
cg08517826	CLASP2	chr3	0.036644864	- T2D risk	TSS200
cg00166213	ARL15	chr5	0.036682182	- T2D risk	TSS200
cg00022633	CDK8	chr13	0.03670937	+ T2D risk	TSS1500
cg09754479	NPAT	chr11	0.036783883	- T2D risk	Body
cg19963795	DIP2C	chr10	0.036827749	+ T2D risk	Body
cg18604876	ARL8B	chr3	0.036948335	+ T2D risk	1stExon
cg16185493	ATRN	chr20	0.036953988	- T2D risk	TSS200
cg14540221	PRKAG2	chr7	0.037058756	- T2D risk	Body
cg17865602	PLAGL1	chr6	0.037065244	- T2D risk	5'UTR
cg21187117	SSB	chr2	0.03716886	- T2D risk	Body
cg05326539	PRKAG2	chr7	0.037209311	- T2D risk	Body
cg06643120	CDH22	chr20	0.037217499	- T2D risk	5'UTR
cg21638053	ITGA1	chr5	0.037298671	- T2D risk	Body
cg15507730	MEIS2	chr15	0.037347366	- T2D risk	5'UTR
cg15507730	MEIS2	chr15	0.037347366	- T2D risk	TSS1500
cg21408822	ZRANB1	chr10	0.037376898	- T2D risk	3'UTR
cg00040007	DLL4	chr15	0.037393797	- T2D risk	Body
cg01762919	PRKCE	chr2	0.037445616	- T2D risk	Body
cg18297057	DIP2C	chr10	0.037602355	+ T2D risk	Body
cg07922290	CLEC16A	chr16	0.037649592	- T2D risk	Body
cg26116937	DIP2C	chr10	0.037668754	- T2D risk	Body
cg16434502	TANC2	chr17	0.037757788	- T2D risk	Body
cg05063232	FAM160A1	chr4	0.037780446	- T2D risk	Body
cg02773832	TPCN1	chr12	0.03781149	+ T2D risk	5'UTR

cg02773832	TPCN1	chr12	0.03781149	+ T2D risk	Body
cg07489553	YWHAQ	chr2	0.037837141	- T2D risk	TSS200
cg00733379	TTC28	chr22	0.037857232	+ T2D risk	Body
cg16684217	PHACTR1	chr6	0.037883144	+ T2D risk	Body
cg15922553	PACRG	chr6	0.038073678	+ T2D risk	Body
cg14450821	SPPL2A	chr15	0.038089127	- T2D risk	TSS1500
cg05837493	NGF	chr1	0.038130688	- T2D risk	TSS200
cg25265627	PDE3A	chr12	0.038183443	- T2D risk	TSS200
cg19156280	NGLY1	chr3	0.038257279	+ T2D risk	Body
cg19156280	NGLY1	chr3	0.038257279	+ T2D risk	TSS200
cg15721571	ATP2B1	chr12	0.038372808	+ T2D risk	Body
cg24997329	ZRANB1	chr10	0.038525392	- T2D risk	Body
cg03644484	KIAA1109	chr4	0.038574845	+ T2D risk	Body
cg20964024	CUX2	chr12	0.038641384	+ T2D risk	Body
cg21545840	SLIT3	chr5	0.038850728	- T2D risk	TSS1500
cg15959980	GLG1	chr16	0.038909862	+ T2D risk	Body
cg01510349	KIAA1217	chr10	0.038936613	- T2D risk	Body
ch.11.1834293R	PICALM	chr11	0.039064592	- T2D risk	Body
cg01307861	FLT1	chr13	0.03907315	+ T2D risk	Body
cg00446055	WWP2	chr16	0.039163304	+ T2D risk	Body
cg25595873	MMS19	chr10	0.039189979	- T2D risk	Body
cg25576151	ASH1L	chr1	0.039222096	+ T2D risk	TSS200
cg21438192	STX6	chr1	0.039256374	- T2D risk	Body
cg01445838	PLAGL1	chr6	0.039269722	+ T2D risk	5'UTR
cg07790831	ENAH	chr1	0.03936557	+ T2D risk	Body
cg26143941	POLA1	chrX	0.039375552	- T2D risk	Body
cg15066676	TSHZ1	chr18	0.039391353	- T2D risk	5'UTR
cg15066676	TSHZ1	chr18	0.039391353	- T2D risk	Body
cg04547369	SRPK2	chr7	0.039484087	+ T2D risk	Body
cg12702819	NCOA2	chr8	0.039491297	- T2D risk	Body
cg13276896	PACS2	chr14	0.039491477	+ T2D risk	1stExon
cg14556874	SEZ6L	chr22	0.039523517	+ T2D risk	Body
cg10657965	CUX1	chr7	0.039685226	+ T2D risk	Body
cg11915049	AGPAT3	chr21	0.03970077	+ T2D risk	5'UTR
cg00219169	DIP2C	chr10	0.039703649	- T2D risk	Body
cg25358033	TPCN1	chr12	0.039704796	+ T2D risk	Body
cg27016906	AMD1	chr6	0.039711797	- T2D risk	TSS200
cg12260340	TTC28	chr22	0.03979997	+ T2D risk	Body
cg25287071	ITPKB	chr1	0.039826726	- T2D risk	Body
cg16683383	CHKA	chr11	0.039891475	+ T2D risk	Body
cg25726357	PACRG	chr6	0.039916392	- T2D risk	TSS1500
cg23713998	PRKD1	chr14	0.040025517	- T2D risk	Body
cg15411065	NF1	chr17	0.040054244	- T2D risk	Body
cg18794793	MGRN1	chr16	0.04006229	+ T2D risk	Body
cg13300744	CUX2	chr12	0.040100255	+ T2D risk	Body
cg11209200	PDE7A	chr8	0.040137026	+ T2D risk	3'UTR
cg11209200	PDE7A	chr8	0.040137026	+ T2D risk	Body
cg06492521	DIP2C	chr10	0.040235982	- T2D risk	Body
cg05951822	CLEC16A	chr16	0.04029014	- T2D risk	Body
cg10659922	COX6A1	chr12	0.04029492	- T2D risk	TSS200
cg25240153	PRKCB	chr16	0.040309345	+ T2D risk	Body
cg05711928	DNAJC13	chr3	0.040314236	- T2D risk	TSS200
cg20020409	ERC2	chr3	0.04032628	- T2D risk	3'UTR
cg10203440	CREBBP	chr16	0.040327969	+ T2D risk	3'UTR
cg25309588	ATP8A1	chr4	0.040338897	- T2D risk	TSS1500
cg01951659	CUX1	chr7	0.040341361	+ T2D risk	Body
cg13196844	PHACTR1	chr6	0.040353795	+ T2D risk	Body
cg07062711	MEIS2	chr15	0.040436065	+ T2D risk	5'UTR
cg07062711	MEIS2	chr15	0.040436065	+ T2D risk	1stExon
cg07062711	MEIS2	chr15	0.040436065	+ T2D risk	TSS1500
cg09272951	EIF4EBP3	chr5	0.040550935	+ T2D risk	TSS1500
cg24509673	NGF	chr1	0.040713392	- T2D risk	5'UTR
cg26551894	CALD1	chr7	0.040720258	+ T2D risk	Body
cg22556505	CNTNAP2	chr7	0.040722963	- T2D risk	Body
cg04135372	INPP4A	chr2	0.040735102	- T2D risk	1stExon
cg04135372	INPP4A	chr2	0.040735102	- T2D risk	5'UTR
cg25726864	SPPL2A	chr15	0.04074291	+ T2D risk	TSS1500
cg25181710	ASXL2	chr2	0.040770152	- T2D risk	Body
cg21256968	SCARB2	chr4	0.041056146	+ T2D risk	TSS1500
cg17587986	DIP2C	chr10	0.04112923	- T2D risk	Body

cg20212867	ANK2	chr4	0.041173413	- T2D risk	Body
cg06657455	DIP2C	chr10	0.041207984	- T2D risk	Body
cg20423765	EFR3A	chr8	0.04137214	+ T2D risk	Body
cg11173615	PHACTR1	chr6	0.041403892	- T2D risk	Body
cg25374325	FAM160A1	chr4	0.041472943	+ T2D risk	5'UTR
cg16162970	PACS2	chr14	0.041482268	- T2D risk	TSS1500
cg19723459	TPCN1	chr12	0.041504995	+ T2D risk	TSS1500
cg08552375	PPFIBP1	chr12	0.041545266	+ T2D risk	5'UTR
cg02516134	CALD1	chr7	0.04156196	- T2D risk	Body
cg02516134	CALD1	chr7	0.04156196	- T2D risk	TSS1500
cg08164617	DYNC111	chr7	0.041562217	- T2D risk	1stExon
cg08164617	DYNC111	chr7	0.041562217	- T2D risk	5'UTR
cg00295485	UXS1	chr2	0.041590747	+ T2D risk	Body
cg14513298	ANK2	chr4	0.041678883	+ T2D risk	Body
cg23309631	SRPK2	chr7	0.041704799	+ T2D risk	Body
cg18107623	PRKAG2	chr7	0.04170979	+ T2D risk	Body
cg23524021	PPFIBP1	chr12	0.041727516	+ T2D risk	5'UTR
cg03670816	ARL15	chr5	0.041737471	- T2D risk	TSS200
cg09395195	NF1	chr17	0.041802689	- T2D risk	Body
cg11732619	SLIT3	chr5	0.041807909	- T2D risk	1stExon
cg11732619	SLIT3	chr5	0.041807909	- T2D risk	5'UTR
cg00610223	ATXN1	chr6	0.041845185	- T2D risk	5'UTR
cg23740281	ITPKB	chr1	0.041887403	+ T2D risk	Body
cg06977068	KREMEN1	chr22	0.041965778	- T2D risk	TSS200
cg04031411	CLEC16A	chr16	0.042089996	+ T2D risk	Body
cg24718838	TMEM59	chr1	0.042173622	- T2D risk	TSS1500
cg01471384	DKK2	chr4	0.042234048	+ T2D risk	1stExon
cg01471384	DKK2	chr4	0.042234048	+ T2D risk	5'UTR
cg23318892	PRMT3	chr11	0.042283018	+ T2D risk	Body
cg03668948	SGSM2	chr17	0.042317005	- T2D risk	Body
cg21240898	MAN1A1	chr6	0.042503801	+ T2D risk	Body
cg09376993	NCOA2	chr8	0.04259376	- T2D risk	5'UTR
cg00808648	PACS2	chr14	0.042658538	- T2D risk	TSS1500
cg00587523	SKAP1	chr17	0.042682141	- T2D risk	3'UTR
cg05083115	SEZ6L	chr22	0.042839126	+ T2D risk	Body
cg09120938	CHFR	chr12	0.042915208	+ T2D risk	Body
cg05082153	FNIP2	chr4	0.042947447	- T2D risk	Body
cg27035480	CREBBP	chr16	0.04295531	+ T2D risk	Body
cg27549075	PTP4A2	chr1	0.043022951	+ T2D risk	Body
cg27549075	PTP4A2	chr1	0.043022951	+ T2D risk	3'UTR
cg23947050	ATP8A2	chr13	0.043075271	- T2D risk	Body
cg27382164	CHFR	chr12	0.043086376	- T2D risk	TSS1500
cg12445727	SLIT3	chr5	0.043091723	- T2D risk	Body
cg20311754	COL4A1	chr13	0.043105653	+ T2D risk	Body
cg13757758	RNF217	chr6	0.04311169	- T2D risk	TSS1500
cg19206986	ATP8A1	chr4	0.043177055	+ T2D risk	5'UTR
cg19206986	ATP8A1	chr4	0.043177055	+ T2D risk	1stExon
cg05904325	PDLIM5	chr4	0.043237228	- T2D risk	5'UTR
cg05904325	PDLIM5	chr4	0.043237228	- T2D risk	Body
cg01804844	TSHZ1	chr18	0.043266865	- T2D risk	5'UTR
cg13989165	ADCY5	chr3	0.043368786	+ T2D risk	Body
cg24127021	PRKAG2	chr7	0.043405871	+ T2D risk	5'UTR
cg24127021	PRKAG2	chr7	0.043405871	+ T2D risk	Body
cg25181749	CDK8	chr13	0.043443638	- T2D risk	TSS1500
cg25090499	ATP8A2	chr13	0.043454492	- T2D risk	Body
cg17429234	DYNC111	chr7	0.043565957	+ T2D risk	TSS1500
cg01630177	PHACTR1	chr6	0.043691163	- T2D risk	Body
cg14236976	LMX1B	chr9	0.043734697	- T2D risk	Body
cg03022050	CUX1	chr7	0.043824411	+ T2D risk	Body
cg24213184	APBA1	chr9	0.043869412	- T2D risk	TSS1500
cg04166393	GNA12	chr7	0.043878723	+ T2D risk	TSS1500
cg15448064	WIZ	chr19	0.043899563	- T2D risk	5'UTR
cg12603144	TOX3	chr16	0.043969073	- T2D risk	Body
cg24818905	NF1	chr17	0.043980232	+ T2D risk	Body
cg23060991	CHKA	chr11	0.043995934	+ T2D risk	Body
cg08448751	SEMA3G	chr3	0.044001369	+ T2D risk	TSS1500
cg23302638	BIRC5	chr17	0.044001766	+ T2D risk	TSS200
cg20576160	ZDHHC2	chr8	0.044017189	+ T2D risk	Body
cg14310768	FBXO11	chr2	0.044024545	- T2D risk	TSS1500
cg08406370	PRKCB	chr16	0.044028995	- T2D risk	TSS1500

cg07893813	ARPP19	chr15	0.044083678	- T2D risk	5'UTR
cg07893813	ARPP19	chr15	0.044083678	- T2D risk	1stExon
cg27487288	TBC1D5	chr3	0.044196873	- T2D risk	5'UTR
cg01482556	MGRN1	chr16	0.044254206	- T2D risk	TSS200
cg17433934	UXS1	chr2	0.044283516	+ T2D risk	Body
cg12355505	PRKAG2	chr7	0.044363171	- T2D risk	TSS200
cg04209949	TBC1D5	chr3	0.044394385	- T2D risk	5'UTR
cg25204272	DLL4	chr15	0.044505065	- T2D risk	1stExon
cg25204272	DLL4	chr15	0.044505065	- T2D risk	5'UTR
cg10788204	RBM4	chr11	0.044556858	- T2D risk	3'UTR
cg04683496	DIP2C	chr10	0.044604192	+ T2D risk	Body
cg02185962	ASH1L	chr1	0.044666303	- T2D risk	TSS1500
cg09292077	ASH1L	chr1	0.044691989	+ T2D risk	Body
cg07962838	PPFIBP1	chr12	0.044785171	- T2D risk	5'UTR
cg23635429	ATRNL1	chr10	0.044838151	- T2D risk	TSS1500
cg08230856	PRKCE	chr2	0.044996875	+ T2D risk	Body
cg19081576	POC1B	chr12	0.045037452	- T2D risk	Body
cg19081576	POC1B	chr12	0.045037452	- T2D risk	5'UTR
cg04130273	RNF157	chr17	0.045041143	+ T2D risk	Body
cg11853350	APBA1	chr9	0.045046132	- T2D risk	3'UTR
cg17874426	NCOR1	chr17	0.045073163	- T2D risk	TSS1500
cg08224503	ZRANB1	chr10	0.045124203	- T2D risk	Body
cg14873699	PRKAG2	chr7	0.04518995	- T2D risk	Body
cg08410533	DIP2C	chr10	0.045227292	- T2D risk	Body
cg15627145	ANK3	chr10	0.045227311	- T2D risk	3'UTR
cg18782992	ATP6V1H	chr8	0.045234395	+ T2D risk	Body
cg18782992	ATP6V1H	chr8	0.045234395	+ T2D risk	ExonBnd
cg09397579	PRKAG2	chr7	0.045313293	+ T2D risk	5'UTR
cg09397579	PRKAG2	chr7	0.045313293	+ T2D risk	1stExon
cg09397579	PRKAG2	chr7	0.045313293	+ T2D risk	Body
cg19689370	MEIS2	chr15	0.045383216	- T2D risk	Body
cg19498178	TBC1D5	chr3	0.045413313	- T2D risk	TSS1500
cg15464481	ADCY5	chr3	0.045415628	+ T2D risk	Body
cg03235471	ANK2	chr4	0.045416522	+ T2D risk	Body
cg00279717	GRK5	chr10	0.045468922	- T2D risk	Body
cg11645724	KDM4B	chr19	0.045536206	+ T2D risk	Body
cg24000316	CHFR	chr12	0.045580599	- T2D risk	Body
cg14651327	PRKCE	chr2	0.045592224	+ T2D risk	Body
cg08775511	STX6	chr1	0.045609016	+ T2D risk	Body
cg01255349	PPFIBP1	chr12	0.045709779	- T2D risk	TSS1500
cg10439678	ITGB1	chr10	0.045784519	- T2D risk	Body
cg07060175	TENM2	chr5	0.045791403	+ T2D risk	Body
cg01331461	AGPAT3	chr21	0.045806789	+ T2D risk	TSS200
cg01331461	AGPAT3	chr21	0.045806789	+ T2D risk	5'UTR
cg13466694	LMX1B	chr9	0.046055574	+ T2D risk	Body
cg16679297	SLIT3	chr5	0.046135652	+ T2D risk	Body
cg10181075	ITGB1	chr10	0.046198688	+ T2D risk	Body
cg05050872	CEP126	chr11	0.046201396	- T2D risk	TSS1500
cg26040729	RSF1	chr11	0.046244239	- T2D risk	Body
cg11825411	DDC	chr7	0.046261258	+ T2D risk	5'UTR
cg13152204	PCYT1A	chr3	0.046279515	- T2D risk	5'UTR
cg22443530	NGLY1	chr3	0.046295038	- T2D risk	Body
cg11439186	ST6GAL1	chr3	0.0463196	+ T2D risk	5'UTR
cg25593340	ST6GAL1	chr3	0.046328679	+ T2D risk	5'UTR
cg26451575	HNRNPA2B1	chr7	0.046362551	- T2D risk	TSS1500
cg01486576	SMG7	chr1	0.046392467	+ T2D risk	TSS1500
cg04202198	NPAT	chr11	0.046511377	+ T2D risk	Body
cg05507494	ATP6V1H	chr8	0.04663842	+ T2D risk	Body
cg21182176	GGPS1	chr1	0.046749358	- T2D risk	Body
cg21182176	GGPS1	chr1	0.046749358	- T2D risk	5'UTR
cg13536079	ZHX2	chr8	0.046756064	+ T2D risk	5'UTR
cg17989826	TOP2A	chr17	0.046832224	+ T2D risk	Body
cg04208175	MGRN1	chr16	0.046877716	+ T2D risk	Body
cg22667208	SH3GL2	chr9	0.046889599	- T2D risk	TSS200
cg07690219	RHOA	chr3	0.046984974	+ T2D risk	TSS200
cg24335280	SGSM2	chr17	0.047001255	+ T2D risk	Body
cg23089673	ARL15	chr5	0.047076441	- T2D risk	Body
cg24989405	UXS1	chr2	0.047097076	+ T2D risk	Body
cg26097157	GRK5	chr10	0.047103985	+ T2D risk	Body
cg15444369	ANK3	chr10	0.047119434	- T2D risk	Body

cg04058636	TSHZ1	chr18	0.047159475	- T2D risk	5'UTR
cg06408211	RAP1GAP2	chr17	0.047175341	+ T2D risk	Body
cg25915539	ANK2	chr4	0.047202908	+ T2D risk	Body
cg17627973	SRPK2	chr7	0.047244575	- T2D risk	Body
cg25678180	DIP2C	chr10	0.047253714	- T2D risk	Body
cg07553653	CMTR1	chr6	0.047356251	- T2D risk	Body
cg26677958	PACS2	chr14	0.047405484	+ T2D risk	Body
cg14556531	MEIS2	chr15	0.047445623	+ T2D risk	5'UTR
cg14556531	MEIS2	chr15	0.047445623	+ T2D risk	1stExon
cg14556531	MEIS2	chr15	0.047445623	+ T2D risk	Body
cg14556531	MEIS2	chr15	0.047445623	+ T2D risk	TSS1500
cg23477316	NCOA7	chr6	0.04757604	- T2D risk	5'UTR
cg23477316	NCOA7	chr6	0.04757604	- T2D risk	Body
cg12421075	ZRANB1	chr10	0.0475953	+ T2D risk	TSS200
cg19057779	AGPAT3	chr21	0.04763555	+ T2D risk	Body
cg24827399	PPP1R12A	chr12	0.047660107	- T2D risk	1stExon
cg24827399	PPP1R12A	chr12	0.047660107	- T2D risk	5'UTR
cg12467953	ATP4A	chr19	0.047671026	- T2D risk	Body
cg24110005	UXS1	chr2	0.047671234	- T2D risk	Body
cg06493994	SCGN	chr6	0.04768397	- T2D risk	5'UTR
cg06493994	SCGN	chr6	0.04768397	- T2D risk	1stExon
cg19086309	CALD1	chr7	0.047720166	+ T2D risk	5'UTR
cg02145728	ANK2	chr4	0.047734742	- T2D risk	Body
cg15005456	RNF157	chr17	0.047778243	- T2D risk	Body
cg16765393	GNA12	chr7	0.047869334	- T2D risk	Body
cg05085782	UNC80	chr2	0.047874769	- T2D risk	TSS1500
cg21100498	RBBP6	chr16	0.047879879	- T2D risk	TSS200
cg23931853	PRKAG2	chr7	0.04788303	+ T2D risk	Body
cg16182699	CLEC16A	chr16	0.04790823	- T2D risk	Body
cg07645237	INPP4A	chr2	0.047909117	- T2D risk	5'UTR
cg00624628	RGS7	chr1	0.047950293	+ T2D risk	Body
cg13657956	ATXN1	chr6	0.047954758	- T2D risk	5'UTR
cg02302026	MYO6	chr6	0.048046897	+ T2D risk	5'UTR
cg26875655	CUX2	chr12	0.048145921	- T2D risk	Body
cg26561082	DIP2C	chr10	0.048268817	+ T2D risk	Body
cg24780234	SPOCK1	chr5	0.048300984	- T2D risk	TSS1500
cg24366564	RAP1GAP2	chr17	0.048313911	+ T2D risk	Body
cg19900314	PPFIBP1	chr12	0.048395924	+ T2D risk	5'UTR
cg03613077	RGS7	chr1	0.048447837	- T2D risk	TSS1500
cg16794406	PHF21A	chr11	0.048450476	+ T2D risk	TSS200
cg01566695	DIP2C	chr10	0.048517061	- T2D risk	Body
cg20570230	TSC22D1	chr13	0.048526776	+ T2D risk	Body
cg14022706	PDE5A	chr4	0.048619795	- T2D risk	TSS1500
cg20116519	GRK5	chr10	0.04869067	+ T2D risk	Body
cg22242408	FBXO11	chr2	0.048698002	+ T2D risk	5'UTR
cg17204289	PRKAG2	chr7	0.048802705	+ T2D risk	5'UTR
cg17204289	PRKAG2	chr7	0.048802705	+ T2D risk	1stExon
cg17204289	PRKAG2	chr7	0.048802705	+ T2D risk	Body
cg07096446	FBXO11	chr2	0.048815651	+ T2D risk	Body
cg12762399	PRKAG2	chr7	0.048897684	- T2D risk	Body
cg14936497	ERC2	chr3	0.048901767	+ T2D risk	3'UTR
cg21891597	EFR3A	chr8	0.04891537	+ T2D risk	Body
cg20198644	PFKFB2	chr1	0.048933231	- T2D risk	Body
cg02392248	CUX1	chr7	0.049000369	- T2D risk	Body
cg26585812	PDE7A	chr8	0.049120252	+ T2D risk	Body
cg20130440	PACS1	chr11	0.049163713	- T2D risk	Body
cg25122934	PPFIBP1	chr12	0.049206511	+ T2D risk	5'UTR
cg08594973	EFR3A	chr8	0.049213448	+ T2D risk	Body
cg16986150	PRKAG2	chr7	0.049222887	- T2D risk	Body
cg07326692	DIP2C	chr10	0.049252927	- T2D risk	Body
cg21429728	FNIP2	chr4	0.049269505	+ T2D risk	Body
cg25003924	ARPP19	chr15	0.049283245	+ T2D risk	TSS1500
cg13524401	SCARB2	chr4	0.049314258	- T2D risk	Body
cg06800829	CUX1	chr7	0.049315462	+ T2D risk	Body
cg06948106	SPOCK1	chr5	0.049397629	- T2D risk	Body
cg21712619	DIP2C	chr10	0.049409127	+ T2D risk	Body
cg26121591	CPLX2	chr5	0.04952096	+ T2D risk	5'UTR
cg26121591	CPLX2	chr5	0.04952096	+ T2D risk	1stExon
cg01351869	ST20	chr15	0.049586178	+ T2D risk	5'UTR
cg01351869	ST20	chr15	0.049586178	+ T2D risk	1stExon

cg02882775	SLIT3	chr5	0.049597374	- T2D risk	Body
cg16754633	RAP1GAP2	chr17	0.049773343	+ T2D risk	Body
cg10556868	ATXN1	chr6	0.049797957	+ T2D risk	5'UTR
cg06537894	MAST1	chr19	0.049811135	+ T2D risk	Body
cg13460297	DYNC1I2	chr2	0.049832378	+ T2D risk	Body
cg09547226	KDM4B	chr19	0.049869977	+ T2D risk	Body
cg20793303	PRKCB	chr16	0.04988844	+ T2D risk	Body
cg17316580	DLL4	chr15	0.05007634	- T2D risk	Body
cg08942940	CNTROB	chr17	0.050174862	- T2D risk	Body
cg00241074	PRKAG2	chr7	0.05022253	- T2D risk	5'UTR
cg00241074	PRKAG2	chr7	0.05022253	- T2D risk	Body
cg08991330	PLAGL1	chr6	0.050265146	- T2D risk	5'UTR
cg18114671	NOL4	chr18	0.050323409	+ T2D risk	TSS1500
cg06398129	PRKCE	chr2	0.050374897	- T2D risk	Body
cg26682701	CUX1	chr7	0.050437062	+ T2D risk	Body
cg20473250	PHF21A	chr11	0.050466333	- T2D risk	Body
cg06544239	GNA12	chr7	0.050543257	+ T2D risk	Body
cg23021192	ST20	chr15	0.050710448	- T2D risk	Body
cg20580885	KREMEN1	chr22	0.050737043	- T2D risk	Body
cg02102278	TENM2	chr5	0.050788153	+ T2D risk	Body
cg10479434	CLEC16A	chr16	0.050805378	+ T2D risk	Body
cg19095271	CLOCK	chr4	0.050896788	- T2D risk	TSS1500
cg19356735	UBE2K	chr4	0.05092026	+ T2D risk	TSS1500
cg24503846	PDLIM5	chr4	0.050930901	+ T2D risk	5'UTR
cg24503846	PDLIM5	chr4	0.050930901	+ T2D risk	Body
cg09500975	TJP1	chr15	0.050940876	- T2D risk	Body
cg01076459	RAP1GAP2	chr17	0.050964586	- T2D risk	Body
cg27140914	WDR48	chr3	0.051005435	- T2D risk	Body
cg22373676	UBL3	chr13	0.051018306	- T2D risk	Body
cg08125682	CLEC16A	chr16	0.051035282	- T2D risk	1stExon
cg08125682	CLEC16A	chr16	0.051035282	- T2D risk	5'UTR
cg09054633	SPOCK1	chr5	0.051079397	- T2D risk	5'UTR
cg15433164	NGLY1	chr3	0.051117608	- T2D risk	1stExon
cg15433164	NGLY1	chr3	0.051117608	- T2D risk	Body
cg15433164	NGLY1	chr3	0.051117608	- T2D risk	5'UTR
cg06795078	ATXN1	chr6	0.051162637	- T2D risk	5'UTR
cg06724937	SPPL2A	chr15	0.051229613	- T2D risk	Body
cg00225070	MTHFS	chr15	0.051298848	- T2D risk	TSS200
cg20653859	DIP2C	chr10	0.051385036	- T2D risk	Body
cg27159421	DIP2C	chr10	0.051404395	+ T2D risk	Body
cg10862399	SLIT3	chr5	0.051465238	+ T2D risk	Body
cg16159152	GRK5	chr10	0.051589219	+ T2D risk	Body
cg12567780	ANK2	chr4	0.051631825	- T2D risk	Body
cg27190240	NGLY1	chr3	0.051673572	- T2D risk	Body
cg27190240	OXSM	chr3	0.051673572	- T2D risk	TSS1500
cg06678279	ERC2	chr3	0.051760685	- T2D risk	1stExon
cg06678279	ERC2	chr3	0.051760685	- T2D risk	5'UTR
cg11436846	PHACTR1	chr6	0.051852663	+ T2D risk	Body
cg22423225	MAN1A1	chr6	0.051854129	- T2D risk	Body
cg19272109	DIP2C	chr10	0.051857481	+ T2D risk	Body
cg25256141	CUX1	chr7	0.051934254	+ T2D risk	Body
cg14456980	NCOA7	chr6	0.052081715	- T2D risk	5'UTR
cg14456980	NCOA7	chr6	0.052081715	- T2D risk	Body
cg13555290	ANK2	chr4	0.052090467	+ T2D risk	5'UTR
cg08851719	NCOA2	chr8	0.052094398	- T2D risk	TSS1500
cg04579211	DLL4	chr15	0.05214998	+ T2D risk	Body
cg22983896	PRKD1	chr14	0.052293429	- T2D risk	Body
cg15388974	PRKD1	chr14	0.052348159	- T2D risk	Body
cg27052183	RBM4	chr11	0.052492962	+ T2D risk	3'UTR
cg21184174	NGF	chr1	0.052587678	- T2D risk	TSS1500
cg21795654	NUCB2	chr11	0.052666855	- T2D risk	TSS200
cg22383872	TSGA10	chr2	0.052675761	+ T2D risk	TSS200
cg12594140	PACRG	chr6	0.052691502	- T2D risk	Body
cg02122937	DIP2C	chr10	0.052765657	+ T2D risk	Body
cg25475877	PPP1R12A	chr12	0.052785446	- T2D risk	TSS200
cg25475877	PPP1R12A	chr12	0.052785446	- T2D risk	1stExon
cg25475877	PPP1R12A	chr12	0.052785446	- T2D risk	5'UTR
cg11407215	UXS1	chr2	0.052888745	- T2D risk	Body
cg15019810	ST6GAL1	chr3	0.052900029	- T2D risk	TSS200
cg16373141	PRKAG2	chr7	0.05295025	+ T2D risk	5'UTR

cg16373141	PRKAG2	chr7	0.05295025	+ T2D risk	Body
cg13731422	TBC1D5	chr3	0.052985076	- T2D risk	TSS200
cg08569022	ACSS2	chr20	0.05302764	- T2D risk	Body
cg07990556	FNIP2	chr4	0.053108995	- T2D risk	Body
cg05053115	PPFIBP1	chr12	0.053122437	- T2D risk	Body
cg01765571	DIP2C	chr10	0.053146998	- T2D risk	Body
cg21429687	ANK3	chr10	0.053313693	+ T2D risk	Body
cg14724304	CUX1	chr7	0.053316567	- T2D risk	Body
cg00504226	AGPAT3	chr21	0.053319695	+ T2D risk	5'UTR
cg00504226	AGPAT3	chr21	0.053319695	+ T2D risk	TSS1500
cg08051310	PHACTR1	chr6	0.05337024	- T2D risk	Body
cg09330105	TTC28	chr22	0.053376415	+ T2D risk	Body
cg26245302	PACRG	chr6	0.053383373	- T2D risk	TSS1500
cg26245302	PACRG	chr6	0.053383373	- T2D risk	5'UTR
cg08549648	TENM2	chr5	0.053421335	- T2D risk	Body
cg05065603	PCYT1A	chr3	0.053467572	+ T2D risk	Body
cg07001793	ACTN4	chr19	0.053487023	+ T2D risk	Body
cg07001793	ACTN4	chr19	0.053487023	+ T2D risk	ExonBnd
cg02181256	ULK4	chr3	0.053533908	- T2D risk	Body
cg08303370	TSGA10	chr2	0.053691023	+ T2D risk	5'UTR
cg08303370	TSGA10	chr2	0.053691023	+ T2D risk	TSS200
cg22410827	CHID1	chr11	0.053698749	+ T2D risk	5'UTR
cg26661922	WWP2	chr16	0.05371152	- T2D risk	Body
cg03315866	ACTN4	chr19	0.053731158	- T2D risk	Body
cg19877499	RHOA	chr3	0.053748481	- T2D risk	Body
cg13378134	HNRNPA2B1	chr7	0.053812174	- T2D risk	TSS1500
cg15306595	GAD1	chr2	0.053887368	- T2D risk	1stExon
cg15306595	GAD1	chr2	0.053887368	- T2D risk	5'UTR
cg27639268	CUX2	chr12	0.053897586	+ T2D risk	Body
cg08918508	FLT1	chr13	0.05390446	- T2D risk	Body
cg18804254	FAM160A1	chr4	0.053963486	+ T2D risk	Body
cg21931103	TSGA10	chr2	0.05402884	- T2D risk	TSS1500
cg05546381	EFR3A	chr8	0.05403097	- T2D risk	Body
cg07974823	CRYL1	chr13	0.054086495	+ T2D risk	Body
cg18882624	CUX1	chr7	0.054224811	+ T2D risk	Body
cg24567591	CREBBP	chr16	0.054249375	- T2D risk	TSS1500
cg04803856	PACS2	chr14	0.054364475	- T2D risk	Body
cg14536764	PRKCE	chr2	0.054394037	+ T2D risk	Body
cg16521917	CNTNAP2	chr7	0.054507176	- T2D risk	5'UTR
cg16521917	CNTNAP2	chr7	0.054507176	- T2D risk	1stExon
cg22960833	KDM4B	chr19	0.054527149	+ T2D risk	5'UTR
cg18863666	DIP2C	chr10	0.054542633	+ T2D risk	Body
cg04790450	LMCD1	chr3	0.054569617	- T2D risk	Body
cg13834623	SCGN	chr6	0.054610725	- T2D risk	TSS200
cg15340582	ANKHD1	chr5	0.054685125	+ T2D risk	TSS1500
cg06940195	SRPK2	chr7	0.054806375	+ T2D risk	Body
cg22837512	NPAT	chr11	0.054815916	+ T2D risk	TSS200
cg10773400	PICALM	chr11	0.054853832	+ T2D risk	TSS1500
cg10773400	PICALM	chr11	0.054853832	+ T2D risk	5'UTR
cg00263806	SLC9A6	chrX	0.054959936	+ T2D risk	Body
cg26990332	CALD1	chr7	0.055090767	- T2D risk	5'UTR
cg13739115	GRK5	chr10	0.055147218	+ T2D risk	Body
cg24493060	SRPK2	chr7	0.055172611	- T2D risk	Body
cg04594900	AGPAT3	chr21	0.055192218	+ T2D risk	5'UTR
cg00367584	PRKAG2	chr7	0.05521788	- T2D risk	TSS1500
cg00367584	PRKAG2	chr7	0.05521788	- T2D risk	Body
cg04922684	UNC80	chr2	0.05527002	- T2D risk	Body
cg09958018	ULK4	chr3	0.055285637	- T2D risk	5'UTR
cg08943997	PACS2	chr14	0.055290763	- T2D risk	Body
cg02551232	INPP4A	chr2	0.055298864	- T2D risk	5'UTR
cg10071009	DENND4C	chr9	0.055315125	- T2D risk	TSS1500
cg26337222	FNIP2	chr4	0.055341336	- T2D risk	Body
cg10652646	MEIS2	chr15	0.055466719	+ T2D risk	TSS1500
cg01923816	ARL15	chr5	0.055489871	+ T2D risk	Body
cg00531176	HMBOX1	chr8	0.055548951	- T2D risk	5'UTR
cg00939347	DIP2C	chr10	0.055571855	+ T2D risk	Body
cg23082773	RSF1	chr11	0.05570039	+ T2D risk	Body
cg10335826	RGS7	chr1	0.055838145	+ T2D risk	Body
cg21284038	COL4A1	chr13	0.055963921	- T2D risk	Body
cg04633966	WWP2	chr16	0.055964358	+ T2D risk	ExonBnd

cg04633966	WWP2	chr16	0.055964358	+ T2D risk	Body
cg11534240	SMG7	chr1	0.056036452	+ T2D risk	5'UTR
cg11534240	SMG7	chr1	0.056036452	+ T2D risk	Body
cg16814576	ACTN4	chr19	0.056053084	+ T2D risk	Body
cg16814576	ACTN4	chr19	0.056053084	+ T2D risk	ExonBnd
cg16838957	ADCY5	chr3	0.056124237	- T2D risk	Body
cg01022678	ITGA1	chr5	0.056208359	- T2D risk	Body
cg09335647	CNTNAP2	chr7	0.056210496	- T2D risk	Body
cg23190719	CALD1	chr7	0.056216556	+ T2D risk	Body
cg23190719	CALD1	chr7	0.056216556	+ T2D risk	TSS1500
cg13319049	UBE2K	chr4	0.056273496	- T2D risk	TSS200
cg05101809	SLC29A4	chr7	0.05630941	+ T2D risk	Body
cg16951854	RHOA	chr3	0.056314507	- T2D risk	1stExon
cg16951854	RHOA	chr3	0.056314507	- T2D risk	5'UTR
cg06440804	RNF157	chr17	0.056370294	+ T2D risk	Body
cg09355523	UBL3	chr13	0.056376117	+ T2D risk	Body
cg16872693	ULK4	chr3	0.056396861	- T2D risk	5'UTR
cg14773466	DIP2C	chr10	0.056475512	+ T2D risk	Body
cg13125822	GRK5	chr10	0.056549128	+ T2D risk	Body
cg23340957	RHBDD1	chr2	0.056562199	- T2D risk	Body
cg09578826	RAP1GAP2	chr17	0.056567392	+ T2D risk	Body
cg16697062	EVI5	chr1	0.056573739	- T2D risk	Body
cg11839163	CALD1	chr7	0.056614312	- T2D risk	Body
cg14282407	CNTROB	chr17	0.056653133	- T2D risk	1stExon
cg14282407	CNTROB	chr17	0.056653133	- T2D risk	5'UTR
cg22080856	INPP4A	chr2	0.056666367	+ T2D risk	Body
cg13763577	UNC80	chr2	0.056701632	- T2D risk	Body
cg26723848	SPOCK1	chr5	0.05672027	+ T2D risk	Body
cg23581176	LAMA4	chr6	0.056800924	- T2D risk	Body
cg14696996	NOTCH3	chr19	0.056804155	+ T2D risk	Body
cg21478902	COL4A1	chr13	0.056934895	- T2D risk	Body
cg12749890	ATP8A1	chr4	0.056978322	+ T2D risk	Body
cg25786780	MAST1	chr19	0.056983505	+ T2D risk	Body
cg17416338	KDM4B	chr19	0.057026509	- T2D risk	Body
cg05191928	GNA12	chr7	0.057066008	- T2D risk	TSS200
cg10793390	PRKD1	chr14	0.057107333	- T2D risk	Body
cg19209588	NF1	chr17	0.057133628	+ T2D risk	Body
cg14537362	LMX1B	chr9	0.0571455	- T2D risk	TSS1500
cg20909611	POC1B	chr12	0.0572146	+ T2D risk	Body
cg27545052	SLIT3	chr5	0.057233358	- T2D risk	Body
cg21508011	TENM2	chr5	0.057335	- T2D risk	Body
cg22353116	CUX1	chr7	0.057414206	- T2D risk	Body
cg21322636	RHOA	chr3	0.057447296	- T2D risk	TSS200
cg11228682	ATXN1	chr6	0.057487257	- T2D risk	Body
cg04430362	CUX1	chr7	0.057507467	+ T2D risk	Body
cg05459517	ZHX2	chr8	0.057585302	- T2D risk	5'UTR
cg20969685	KIAA1217	chr10	0.05764123	- T2D risk	TSS200
cg13389229	RHOA	chr3	0.05765282	+ T2D risk	TSS1500
cg24948802	KIAA0355	chr19	0.057670972	- T2D risk	TSS200
cg14562149	LMX1B	chr9	0.057706143	- T2D risk	Body
cg23003043	SLC30A8	chr8	0.057850126	+ T2D risk	5'UTR
cg25282292	MGRN1	chr16	0.057930179	+ T2D risk	Body
cg21392975	ARID2	chr12	0.057988756	- T2D risk	Body
cg26912640	RAP1B	chr12	0.057994487	+ T2D risk	5'UTR
cg21351795	PKD1	chr2	0.057999265	- T2D risk	Body
cg07883956	PDE8A	chr15	0.058020027	- T2D risk	TSS1500
cg13741289	LAP3	chr4	0.058030245	- T2D risk	TSS200
cg14325408	ARHGAP32	chr11	0.058212521	+ T2D risk	TSS1500
cg16112623	AGPAT3	chr21	0.058222591	+ T2D risk	5'UTR
cg01966076	PACS2	chr14	0.058242026	- T2D risk	TSS1500
cg23388451	SLC29A4	chr7	0.058311116	+ T2D risk	Body
cg19466590	CUL1	chr7	0.058396336	- T2D risk	1stExon
cg19466590	CUL1	chr7	0.058396336	- T2D risk	5'UTR
cg19539318	DYNC1I2	chr2	0.058409405	- T2D risk	5'UTR
cg16143506	CNTNAP2	chr7	0.05843683	+ T2D risk	Body
cg04000159	ATP6V1H	chr8	0.058519775	- T2D risk	5'UTR
cg04000159	ATP6V1H	chr8	0.058519775	- T2D risk	TSS200
cg04000159	ATP6V1H	chr8	0.058519775	- T2D risk	1stExon
cg02654164	JPH2	chr20	0.058520011	+ T2D risk	Body
cg16514866	ZHX2	chr8	0.058590508	- T2D risk	5'UTR

cg15344021	SGSM2	chr17	0.058601324	+ T2D risk	TSS1500
cg20036294	ASH1L	chr1	0.0587475	+ T2D risk	Body
cg09075678	NCOA7	chr6	0.058769544	+ T2D risk	TSS1500
cg21426559	CUX2	chr12	0.058787016	- T2D risk	Body
cg03680528	TSHZ1	chr18	0.058810089	+ T2D risk	Body
cg11588907	NOL4	chr18	0.05885576	+ T2D risk	TSS1500
cg11588907	NOL4	chr18	0.05885576	+ T2D risk	Body
cg22322653	INPP4A	chr2	0.058894543	+ T2D risk	Body
cg03080498	ATXN1	chr6	0.058895395	+ T2D risk	5'UTR
cg07035875	TOX3	chr16	0.058909946	- T2D risk	5'UTR
cg07035875	TOX3	chr16	0.058909946	- T2D risk	Body
cg18074825	CHKA	chr11	0.058989792	- T2D risk	TSS200
cg17554032	ADCY5	chr3	0.059092356	+ T2D risk	Body
cg17554032	ADCY5	chr3	0.059092356	+ T2D risk	ExonBnd
cg07937514	TBC1D5	chr3	0.059103904	- T2D risk	5'UTR
cg14717331	KIAA0355	chr19	0.059110005	- T2D risk	5'UTR
cg20838039	CUX1	chr7	0.059143613	+ T2D risk	Body
cg20227627	PRKCE	chr2	0.059219378	+ T2D risk	Body
cg19524983	SCAF11	chr12	0.059289351	- T2D risk	Body
cg01170069	SUB1	chr5	0.059362133	- T2D risk	Body
cg02151160	KCNIP3	chr2	0.059374529	+ T2D risk	Body
cg02463970	DIP2C	chr10	0.059408035	+ T2D risk	Body
cg07801814	FLT1	chr13	0.059424884	- T2D risk	Body
cg27188079	SSBP2	chr5	0.059441473	+ T2D risk	Body
cg10132348	KIAA0232	chr4	0.059443513	- T2D risk	TSS200
cg27272447	PPFIBP1	chr12	0.059562132	- T2D risk	5'UTR
cg02667335	CHFR	chr12	0.059649961	+ T2D risk	TSS1500
cg25292151	RAP1GAP2	chr17	0.059700326	+ T2D risk	Body
cg07759052	HMBX01	chr8	0.059742807	- T2D risk	5'UTR
cg15003182	DDC	chr7	0.059745018	+ T2D risk	Body
cg14438812	DIP2C	chr10	0.059755853	+ T2D risk	Body
cg06840100	SSBP2	chr5	0.059875308	- T2D risk	ExonBnd
cg06840100	SSBP2	chr5	0.059875308	- T2D risk	Body
cg14276794	LYVE1	chr11	0.059897442	- T2D risk	TSS1500
cg20342375	NPAT	chr11	0.060029412	- T2D risk	1stExon
cg20342375	NPAT	chr11	0.060029412	- T2D risk	5'UTR
cg21034903	DYNC1I2	chr2	0.060032884	+ T2D risk	5'UTR
cg03990813	ERC2	chr3	0.060051366	- T2D risk	3'UTR
cg25933772	ANK2	chr4	0.060178437	- T2D risk	5'UTR
cg10956403	SPAG9	chr17	0.060336422	- T2D risk	Body
cg02286270	ATP8A2	chr13	0.060342465	- T2D risk	Body
cg20274441	ITPKB	chr1	0.060410634	+ T2D risk	Body
cg01886570	ZHX2	chr8	0.060439882	+ T2D risk	Body
cg21643314	MEIS2	chr15	0.060454021	- T2D risk	TSS200
cg21643314	MEIS2	chr15	0.060454021	- T2D risk	Body
cg21643314	MEIS2	chr15	0.060454021	- T2D risk	5'UTR
cg21827294	CHFR	chr12	0.060454723	+ T2D risk	Body
cg21848076	ITGA1	chr5	0.060552553	- T2D risk	Body
cg20564330	EFCAB14	chr1	0.060621484	+ T2D risk	Body
cg01965598	ARL15	chr5	0.060658578	- T2D risk	TSS1500
cg16385733	TENM2	chr5	0.060768719	- T2D risk	Body
cg05420217	PRKAG2	chr7	0.060809939	+ T2D risk	Body
cg04348857	RGS7	chr1	0.060826361	+ T2D risk	Body
cg22598607	AGPAT3	chr21	0.060863624	- T2D risk	5'UTR
cg00733767	UXS1	chr2	0.060900566	+ T2D risk	Body
cg01120308	PICALM	chr11	0.061022688	- T2D risk	TSS1500
cg00160667	PTPRU	chr1	0.061039774	- T2D risk	Body
cg24443768	RTN4	chr2	0.061097041	- T2D risk	Body
cg02676865	MMS19	chr10	0.061131342	+ T2D risk	TSS1500
cg13637899	IFT74	chr9	0.061224495	+ T2D risk	5'UTR
cg24670566	PDE5A	chr4	0.061304682	- T2D risk	Body
cg12677723	WIZ	chr19	0.061354477	+ T2D risk	5'UTR
cg13599482	LMX1B	chr9	0.061358952	+ T2D risk	Body
cg16289485	CUX2	chr12	0.061436179	- T2D risk	Body
cg20599496	DIP2C	chr10	0.061439032	+ T2D risk	Body
cg09759619	NCOR1	chr17	0.061615597	+ T2D risk	Body
cg17918753	PRKAG2	chr7	0.061642156	+ T2D risk	Body
cg10869360	PACS2	chr14	0.061679369	+ T2D risk	5'UTR
cg10869360	PACS2	chr14	0.061679369	+ T2D risk	Body
cg16416127	ARL15	chr5	0.061726038	- T2D risk	Body

cg16652181	ARHGAP32	chr11	0.061730684	- T2D risk	Body
cg23730151	DDHD2	chr8	0.061848917	- T2D risk	Body
cg00735962	PRKCB	chr16	0.061863931	+ T2D risk	TSS200
cg12381367	GRK5	chr10	0.061866078	- T2D risk	Body
cg10502136	PHACTR1	chr6	0.061875815	- T2D risk	Body
cg22586777	FNIP2	chr4	0.061902412	- T2D risk	Body
cg27421267	DIP2C	chr10	0.061956411	- T2D risk	Body
cg06297554	DIP2C	chr10	0.062078115	- T2D risk	Body
cg18072147	DIP2C	chr10	0.062104373	+ T2D risk	Body
cg03951877	PHACTR1	chr6	0.062248676	+ T2D risk	Body
cg08318174	ANK3	chr10	0.062274638	- T2D risk	1stExon
cg08318174	ANK3	chr10	0.062274638	- T2D risk	5'UTR
cg16923402	GLG1	chr16	0.062511968	+ T2D risk	Body
cg15822966	NGLY1	chr3	0.062540806	- T2D risk	Body
cg11345143	CRYL1	chr13	0.06255048	+ T2D risk	Body
cg02566775	PLAGL1	chr6	0.06259248	- T2D risk	5'UTR
cg21672040	RHBDD1	chr2	0.062840018	- T2D risk	TSS1500
cg00943291	PLEKHG3	chr14	0.062964399	+ T2D risk	Body
cg05952475	PACRG	chr6	0.062985414	+ T2D risk	Body
cg10753966	ERC2	chr3	0.063360927	+ T2D risk	3'UTR
cg07031120	PHACTR1	chr6	0.063373827	- T2D risk	TSS1500
cg14819891	SLIT3	chr5	0.063690391	- T2D risk	Body
cg08430686	APBA1	chr9	0.063717401	- T2D risk	3'UTR
cg06731842	UBL3	chr13	0.063802842	- T2D risk	Body
cg20893537	GRK5	chr10	0.063860241	+ T2D risk	Body
cg04503332	KDM4B	chr19	0.063907837	+ T2D risk	5'UTR
cg04935465	ANK3	chr10	0.063917238	+ T2D risk	Body
cg06083412	NCOA2	chr8	0.063947138	+ T2D risk	5'UTR
cg12832649	SPOCK1	chr5	0.064061529	- T2D risk	5'UTR
cg14399236	TSGA10	chr2	0.064065608	- T2D risk	TSS1500
cg23449764	CHID1	chr11	0.06410476	+ T2D risk	TSS1500
cg02220924	KIAA0232	chr4	0.064152431	+ T2D risk	Body
cg23065882	STX6	chr1	0.06419086	+ T2D risk	Body
cg22513805	SLIT3	chr5	0.064329452	- T2D risk	Body
cg11702143	RHOA	chr3	0.064333978	- T2D risk	5'UTR
cg08633479	USP29	chr19	0.064341902	- T2D risk	TSS1500
cg01077501	CALD1	chr7	0.064370984	+ T2D risk	Body
cg08135810	EFCAB14	chr1	0.064411175	- T2D risk	TSS1500
cg03095884	KIAA1217	chr10	0.064447596	- T2D risk	5'UTR
cg12955895	ACTN4	chr19	0.064468643	- T2D risk	TSS200
cg23447136	ATP6V1H	chr8	0.064531705	- T2D risk	TSS200
cg23447136	ATP6V1H	chr8	0.064531705	- T2D risk	5'UTR
cg23447136	ATP6V1H	chr8	0.064531705	- T2D risk	1stExon
cg04911819	KIAA1217	chr10	0.064601795	- T2D risk	5'UTR
cg04911819	KIAA1217	chr10	0.064601795	- T2D risk	Body
cg25065191	SMG7	chr1	0.064604139	+ T2D risk	5'UTR
cg25065191	SMG7	chr1	0.064604139	+ T2D risk	Body
cg13051970	DDC	chr7	0.064627863	+ T2D risk	TSS1500
cg13051970	DDC	chr7	0.064627863	+ T2D risk	5'UTR
cg26961479	ANK3	chr10	0.064639265	- T2D risk	Body
cg19619882	ZHX2	chr8	0.064686726	- T2D risk	5'UTR
cg20567148	CUX1	chr7	0.064736044	+ T2D risk	Body
cg08801671	RBM4	chr11	0.064854237	- T2D risk	TSS200
cg07501939	CDH22	chr20	0.064890222	+ T2D risk	5'UTR
cg04171526	GLG1	chr16	0.06490355	- T2D risk	Body
cg24450494	ATRNL1	chr10	0.064918494	- T2D risk	TSS1500
cg22516717	AGPAT3	chr21	0.064929521	+ T2D risk	5'UTR
cg16550555	ARL8B	chr3	0.065032533	+ T2D risk	Body
cg16535796	DYNC111	chr7	0.065060135	+ T2D risk	Body
cg27324928	KIAA1109	chr4	0.0650992	- T2D risk	Body
cg12255246	NCOA7	chr6	0.065115546	- T2D risk	5'UTR
cg05068987	MAST1	chr19	0.065116667	+ T2D risk	Body
cg02160692	FBXO11	chr2	0.065146849	- T2D risk	5'UTR
cg24816286	ATP6V1H	chr8	0.065156802	+ T2D risk	Body
cg09808639	GRK5	chr10	0.065194198	+ T2D risk	Body
cg04257889	PRKAG2	chr7	0.065194542	- T2D risk	TSS1500
cg09097923	RSF1	chr11	0.065212857	- T2D risk	Body
cg22007448	RSF1	chr11	0.065218385	+ T2D risk	Body
cg12524865	CUX1	chr7	0.06523324	+ T2D risk	Body
cg01432450	ACTN4	chr19	0.065266759	+ T2D risk	Body

cg20449833	RHOQ	chr2	0.065406323	- T2D risk	1stExon
cg22240188	SLIT3	chr5	0.065580486	+ T2D risk	Body
cg15733028	USP53	chr4	0.06569399	+ T2D risk	5'UTR
cg00248174	RET	chr10	0.065715353	- T2D risk	Body
cg19261940	SKAP1	chr17	0.065812642	+ T2D risk	Body
cg05813079	PRKD1	chr14	0.065847835	+ T2D risk	Body
cg02402946	CRYL1	chr13	0.065870885	- T2D risk	Body
cg06985534	MAN1A2	chr1	0.065905837	- T2D risk	TSS1500
cg12072445	RANBP17	chr5	0.06590638	+ T2D risk	Body
cg05204898	INPP4A	chr2	0.06597766	+ T2D risk	Body
cg24323734	RHBDD1	chr2	0.066089336	+ T2D risk	ExonBnd
cg24323734	RHBDD1	chr2	0.066089336	+ T2D risk	Body
cg10823320	CUX2	chr12	0.06615071	+ T2D risk	Body
cg13173125	PICALM	chr11	0.066203106	- T2D risk	TSS1500
cg13173125	PICALM	chr11	0.066203106	- T2D risk	5'UTR
cg17448192	ST6GAL1	chr3	0.066250517	- T2D risk	5'UTR
cg23279833	RNF157	chr17	0.066552097	+ T2D risk	Body
cg08351324	ANKHD1	chr5	0.066573896	- T2D risk	TSS200
cg11791922	ARL15	chr5	0.066594213	- T2D risk	Body
cg26874693	CUX2	chr12	0.066653117	- T2D risk	Body
cg12394112	SEZ6L	chr22	0.066671099	+ T2D risk	Body
cg11693202	RET	chr10	0.066708632	+ T2D risk	Body
cg17075098	UBL3	chr13	0.066839075	+ T2D risk	Body
cg00070105	ATP8A2	chr13	0.067025024	- T2D risk	Body
cg07276957	ARID2	chr12	0.067050442	- T2D risk	TSS1500
cg19632186	NCOR1	chr17	0.067117464	+ T2D risk	Body
cg00093930	PTPRU	chr1	0.067253915	+ T2D risk	Body
cg06059332	CNTNAP2	chr7	0.067255343	+ T2D risk	Body
cg17465343	SCARB2	chr4	0.067275847	- T2D risk	Body
cg24988884	UBL3	chr13	0.067377946	- T2D risk	1stExon
cg24988884	UBL3	chr13	0.067377946	- T2D risk	5'UTR
cg22884793	SKAP1	chr17	0.067526165	- T2D risk	Body
cg20200091	ARPP19	chr15	0.067536717	+ T2D risk	5'UTR
cg20200091	ARPP19	chr15	0.067536717	+ T2D risk	1stExon
cg20200091	ARPP19	chr15	0.067536717	+ T2D risk	TSS200
cg22732210	PDE3A	chr12	0.067569156	+ T2D risk	Body
cg05296590	IFT74	chr9	0.067620431	- T2D risk	TSS1500
cg05296590	IFT74	chr9	0.067620431	- T2D risk	TSS200
cg24606374	NCOA7	chr6	0.067663896	+ T2D risk	5'UTR
cg03951374	MEIS2	chr15	0.067707897	+ T2D risk	5'UTR
cg03951374	MEIS2	chr15	0.067707897	+ T2D risk	1stExon
cg03951374	MEIS2	chr15	0.067707897	+ T2D risk	Body
cg13881958	ULK4	chr3	0.06771705	- T2D risk	5'UTR
cg09605217	WWP2	chr16	0.067775798	+ T2D risk	Body
cg20995188	UXS1	chr2	0.067821804	+ T2D risk	Body
cg20828207	PLAGL1	chr6	0.067844174	+ T2D risk	5'UTR
cg10776914	ATXN1	chr6	0.06795167	- T2D risk	5'UTR
cg27413543	SEC31A	chr4	0.067978282	- T2D risk	5'UTR
cg01032359	CUX2	chr12	0.068016538	- T2D risk	Body
cg19820851	NUP98	chr11	0.06803561	- T2D risk	Body
cg27100547	CREBBP	chr16	0.068064021	+ T2D risk	Body
cg19563415	DIP2C	chr10	0.068064904	- T2D risk	Body
cg22630180	CREBBP	chr16	0.068256271	+ T2D risk	Body
cg16573071	CMTR1	chr6	0.068323841	+ T2D risk	Body
cg11076143	TBC1D5	chr3	0.068373439	+ T2D risk	Body
cg15927566	ATP8A1	chr4	0.068381043	+ T2D risk	Body
cg21579197	MEIS2	chr15	0.068490327	- T2D risk	Body
cg19879479	LCA5	chr6	0.068521265	+ T2D risk	5'UTR
cg19210045	SSB	chr2	0.068540165	- T2D risk	5'UTR
cg13314908	PRKCE	chr2	0.068544315	+ T2D risk	Body
cg18887119	CREBBP	chr16	0.06865954	+ T2D risk	Body
cg10820926	PRKD1	chr14	0.06869299	- T2D risk	TSS1500
cg06924803	CUX1	chr7	0.068767377	- T2D risk	Body
cg01483459	NOTCH3	chr19	0.068788441	+ T2D risk	Body
cg13342014	AGPAT3	chr21	0.068865716	+ T2D risk	5'UTR
cg05617873	KCNIP3	chr2	0.068936953	+ T2D risk	Body
cg09186074	PACRG	chr6	0.06894508	- T2D risk	TSS1500
cg25300699	MYO6	chr6	0.068963437	+ T2D risk	5'UTR
cg01067813	CNTNAP2	chr7	0.069027994	- T2D risk	Body
cg23489038	CUX2	chr12	0.069105402	- T2D risk	Body

cg18157349	<i>PTP4A2</i>	chr1	0.069221921	+ T2D risk	5'UTR
cg21388639	<i>FNIP2</i>	chr4	0.069255238	- T2D risk	Body
cg18641731	<i>ITGB1</i>	chr10	0.069310047	+ T2D risk	TSS1500
cg01146238	<i>RTN4</i>	chr2	0.069322036	- T2D risk	Body
cg15468403	<i>PDLIM5</i>	chr4	0.069340547	- T2D risk	5'UTR
cg15468403	<i>PDLIM5</i>	chr4	0.069340547	- T2D risk	Body
cg08801806	<i>CPLX2</i>	chr5	0.069356209	+ T2D risk	TSS1500
cg08801806	<i>CPLX2</i>	chr5	0.069356209	+ T2D risk	5'UTR
cg07835844	<i>PRKCE</i>	chr2	0.069412149	+ T2D risk	Body
cg17419619	<i>CUX1</i>	chr7	0.069458827	- T2D risk	Body
cg07637515	<i>ANK3</i>	chr10	0.06948156	- T2D risk	TSS200
cg07637515	<i>ANK3</i>	chr10	0.06948156	- T2D risk	Body
cg08066991	<i>CADM1</i>	chr11	0.06948238	- T2D risk	TSS1500
cg15874270	<i>KIAA1109</i>	chr4	0.069570946	+ T2D risk	Body
cg16859636	<i>DIP2C</i>	chr10	0.069635188	- T2D risk	Body
cg27356916	<i>PRKCE</i>	chr2	0.069644232	- T2D risk	Body
cg05424366	<i>GLA</i>	chrX	0.069771414	- T2D risk	TSS200
cg16975584	<i>CNTNAP2</i>	chr7	0.069918452	- T2D risk	Body
cg14932349	<i>CREBBP</i>	chr16	0.069972832	+ T2D risk	Body
cg14790078	<i>ATP8A2</i>	chr13	0.070011735	- T2D risk	Body
cg25637520	<i>KDM4B</i>	chr19	0.070022081	- T2D risk	Body
cg22498565	<i>ERC2</i>	chr3	0.070078335	+ T2D risk	3'UTR
cg07703189	<i>SPAG9</i>	chr17	0.070153152	+ T2D risk	Body
cg03431155	<i>CUX1</i>	chr7	0.070154572	+ T2D risk	Body
cg01498940	<i>CLEC16A</i>	chr16	0.070179554	- T2D risk	Body
cg25301180	<i>ERC2</i>	chr3	0.070197034	- T2D risk	5'UTR
cg07913806	<i>KIAA1217</i>	chr10	0.07027319	+ T2D risk	5'UTR
cg26181622	<i>TSC22D1</i>	chr13	0.070309057	- T2D risk	Body
cg26181622	<i>TSC22D1</i>	chr13	0.070309057	- T2D risk	TSS200
cg14870223	<i>WDR48</i>	chr3	0.070366471	- T2D risk	TSS1500
cg03315649	<i>KDM4B</i>	chr19	0.07049326	+ T2D risk	Body
cg21543067	<i>ATXN1</i>	chr6	0.070527267	+ T2D risk	5'UTR
cg03436619	<i>TJP1</i>	chr15	0.07058048	+ T2D risk	Body
cg10982015	<i>RAP1B</i>	chr12	0.070708357	+ T2D risk	TSS200
cg21047761	<i>RAP2A</i>	chr13	0.070729395	+ T2D risk	Body
cg26633278	<i>JPH2</i>	chr20	0.070773494	- T2D risk	Body
cg05029456	<i>COL4A1</i>	chr13	0.070784182	- T2D risk	Body
cg11199097	<i>DIP2C</i>	chr10	0.07090778	- T2D risk	Body
cg22071344	<i>FBXO11</i>	chr2	0.070931543	- T2D risk	TSS200
cg20177355	<i>MEIS2</i>	chr15	0.070972495	- T2D risk	Body
cg07624399	<i>MAN1A1</i>	chr6	0.071130676	+ T2D risk	Body
cg12811648	<i>CHFR</i>	chr12	0.071145347	+ T2D risk	Body
cg11284316	<i>UNC80</i>	chr2	0.071151578	- T2D risk	TSS1500
cg21030186	<i>ST8SIA1</i>	chr12	0.07128409	+ T2D risk	Body
cg06484340	<i>WIZ</i>	chr19	0.071413772	- T2D risk	Body
cg02899718	<i>DACH1</i>	chr13	0.071493272	- T2D risk	TSS200
cg27422872	<i>TTC28</i>	chr22	0.071618047	- T2D risk	Body
cg19922774	<i>DIP2C</i>	chr10	0.07165762	- T2D risk	Body
cg17012439	<i>ANK3</i>	chr10	0.071742221	- T2D risk	Body
cg20049294	<i>COX6A1</i>	chr12	0.071769294	+ T2D risk	TSS1500
cg12777520	<i>LMX1B</i>	chr9	0.071798391	- T2D risk	Body
cg15720343	<i>HMBOX1</i>	chr8	0.071826654	+ T2D risk	5'UTR
cg19032370	<i>EVI5</i>	chr1	0.071926164	+ T2D risk	Body
cg15440158	<i>CNTNAP2</i>	chr7	0.071954791	+ T2D risk	Body
cg19744947	<i>NGLY1</i>	chr3	0.072085024	- T2D risk	1stExon
cg19744947	<i>OXSM</i>	chr3	0.072085024	- T2D risk	TSS200
cg19744947	<i>NGLY1</i>	chr3	0.072085024	- T2D risk	5'UTR
cg02993324	<i>TBC1D5</i>	chr3	0.072184197	- T2D risk	Body
cg20300093	<i>ADCY5</i>	chr3	0.072258673	+ T2D risk	Body
cg19412649	<i>ADCY5</i>	chr3	0.072303072	- T2D risk	Body
cg18271538	<i>RGS7</i>	chr1	0.07234355	- T2D risk	TSS1500
cg05764011	<i>DIP2C</i>	chr10	0.072402292	+ T2D risk	Body
cg27271216	<i>SLIT3</i>	chr5	0.072432714	+ T2D risk	Body
cg25289587	<i>ULK4</i>	chr3	0.07257705	+ T2D risk	Body
cg00569467	<i>PPP1R12A</i>	chr12	0.072601162	+ T2D risk	Body
cg00569467	<i>PPP1R12A</i>	chr12	0.072601162	+ T2D risk	5'UTR
cg26084484	<i>EIF4EBP3</i>	chr5	0.072621689	- T2D risk	TSS200
cg19218679	<i>CUX2</i>	chr12	0.072665179	+ T2D risk	Body
cg15119553	<i>ZDHHC2</i>	chr8	0.07277232	+ T2D risk	Body
cg26714410	<i>TSC22D1</i>	chr13	0.072858287	+ T2D risk	1stExon

cg11200635	RET	chr10	0.072913128	+ T2D risk	Body
cg06915371	FAM160A1	chr4	0.072923564	- T2D risk	5'UTR
cg09125924	PRKAG2	chr7	0.072956353	- T2D risk	Body
cg00218203	RNF157	chr17	0.072956888	+ T2D risk	Body
cg14270670	PLAGL1	chr6	0.072978852	+ T2D risk	5'UTR
cg14877165	SLC30A8	chr8	0.073036812	- T2D risk	5'UTR
cg07238071	TTC28	chr22	0.073042719	+ T2D risk	Body
cg17323493	PRKAG2	chr7	0.073134754	- T2D risk	5'UTR
cg17323493	PRKAG2	chr7	0.073134754	- T2D risk	1stExon
cg01105969	UXS1	chr2	0.073176454	+ T2D risk	Body
cg09638638	ROBO2	chr3	0.073193261	- T2D risk	Body
cg15637465	SLIT3	chr5	0.07322094	- T2D risk	TSS200
cg04265219	CALD1	chr7	0.073305919	+ T2D risk	Body
cg10523019	RHBDD1	chr2	0.073595037	- T2D risk	TSS1500
cg06805542	ATP6V1A	chr3	0.07364886	+ T2D risk	TSS200
cg16884529	TSGA10	chr2	0.073773119	+ T2D risk	5'UTR
cg24169326	RAP1GAP2	chr17	0.073899435	+ T2D risk	Body
cg08549604	PRKCE	chr2	0.07402194	- T2D risk	Body
cg20973743	GALK2	chr15	0.074032168	+ T2D risk	TSS200
cg13806256	PDE8A	chr15	0.074105191	+ T2D risk	5'UTR
cg13806256	PDE8A	chr15	0.074105191	+ T2D risk	Body
cg09666988	TMEM150C	chr4	0.074181459	- T2D risk	5'UTR
cg16556156	CLEC16A	chr16	0.074201642	+ T2D risk	Body
cg21303386	RGS7	chr1	0.074285412	- T2D risk	1stExon
cg21303386	RGS7	chr1	0.074285412	- T2D risk	5'UTR
cg05621401	RET	chr10	0.074410639	+ T2D risk	TSS1500
cg00370962	TBC1D5	chr3	0.074425388	- T2D risk	3'UTR
cg27493411	CUX1	chr7	0.074461996	- T2D risk	Body
cg14246949	RNF157	chr17	0.074509339	+ T2D risk	Body
cg06062145	KIAA0232	chr4	0.074524693	+ T2D risk	Body
cg09314071	PDE8A	chr15	0.074548039	- T2D risk	TSS200
cg19715936	DDC	chr7	0.074626311	+ T2D risk	TSS1500
cg19277832	FAM160A1	chr4	0.07472304	- T2D risk	Body
cg03164627	KDM4B	chr19	0.074769048	+ T2D risk	Body
cg02728819	SEZ6L	chr22	0.074806226	- T2D risk	Body
cg14933993	AGPAT3	chr21	0.074852159	- T2D risk	5'UTR
cg10891242	UBE2K	chr4	0.07492237	- T2D risk	Body
ch.12.917204F	ARID2	chr12	0.074941401	- T2D risk	Body
cg25255793	SPOCK1	chr5	0.074952859	+ T2D risk	Body
cg21883853	IFT74	chr9	0.074961105	- T2D risk	5'UTR
cg21883853	IFT74	chr9	0.074961105	- T2D risk	1stExon
cg24109744	KDM4B	chr19	0.074993548	+ T2D risk	Body
cg27653304	TOP2A	chr17	0.075007778	- T2D risk	TSS1500
cg02588451	ITPKB	chr1	0.075151246	+ T2D risk	Body
cg03898692	LMX1B	chr9	0.075169045	+ T2D risk	Body
cg25949390	SPOCK1	chr5	0.075193644	- T2D risk	Body
cg04842268	ADCY5	chr3	0.075387477	+ T2D risk	Body
cg04842268	ADCY5	chr3	0.075387477	+ T2D risk	TSS1500
cg11889652	ACSS2	chr20	0.075425361	+ T2D risk	TSS1500
cg08448413	ZRANB1	chr10	0.075619282	- T2D risk	Body
cg07562773	TTC28	chr22	0.075657123	+ T2D risk	Body
cg09030501	PICALM	chr11	0.075661978	+ T2D risk	Body
cg09250423	MGRN1	chr16	0.075707894	+ T2D risk	Body
cg09736391	FLT1	chr13	0.0757257	- T2D risk	Body
cg24124245	ATXN1	chr6	0.075782349	- T2D risk	5'UTR
cg23855392	MTHFS	chr15	0.075828605	- T2D risk	TSS1500
cg00671200	ITPKB	chr1	0.075833869	+ T2D risk	Body
cg14820288	TJP1	chr15	0.076030013	- T2D risk	TSS200
cg14820288	TJP1	chr15	0.076030013	- T2D risk	Body
cg06387496	GNA12	chr7	0.076052966	- T2D risk	Body
cg27515949	ARID2	chr12	0.076095445	- T2D risk	TSS1500
cg15799238	ST6GAL1	chr3	0.076185946	+ T2D risk	Body
cg15799238	ST6GAL1	chr3	0.076185946	+ T2D risk	5'UTR
cg21763405	PACRG	chr6	0.076190192	- T2D risk	Body
cg08995547	PRKCE	chr2	0.076265412	+ T2D risk	Body
cg10886161	KDM4B	chr19	0.076283923	+ T2D risk	TSS1500
cg07330094	HMBX1	chr8	0.076477871	+ T2D risk	TSS1500
cg16402822	SLIT3	chr5	0.076495768	- T2D risk	Body
cg04610971	FLT1	chr13	0.076526419	- T2D risk	Body
cg01881193	GLG1	chr16	0.076541038	+ T2D risk	Body

cg24461627	DIP2C	chr10	0.076593027	+ T2D risk	Body
cg16604136	NUF2	chr1	0.076701275	+ T2D risk	TSS1500
cg14401320	PACS2	chr14	0.076869675	- T2D risk	Body
cg10216586	AMD1	chr6	0.076879143	- T2D risk	TSS200
cg22909935	SPOCK1	chr5	0.077000863	- T2D risk	Body
cg23274381	WIZ	chr19	0.077070561	+ T2D risk	TSS1500
cg13789186	TSGA10	chr2	0.077147139	- T2D risk	TSS200
cg08002929	FLT1	chr13	0.077276236	+ T2D risk	Body
cg20227944	CUX2	chr12	0.077285738	+ T2D risk	Body
cg00690392	ENAH	chr1	0.077299561	+ T2D risk	Body
cg06129867	ACTN4	chr19	0.07737733	- T2D risk	Body
cg06086267	CUX1	chr7	0.077397385	- T2D risk	Body
cg06834689	PACRG	chr6	0.07749633	+ T2D risk	Body
cg21078344	KDM4B	chr19	0.077647686	+ T2D risk	TSS1500
cg14479889	APC	chr5	0.077777144	- T2D risk	5'UTR
cg14479889	APC	chr5	0.077777144	- T2D risk	TSS200
cg01535834	PLEKHG3	chr14	0.077805892	+ T2D risk	Body
cg17082299	SLC7A2	chr8	0.077819285	+ T2D risk	5'UTR
cg05510976	ATP8A2	chr13	0.077867349	- T2D risk	Body
cg19760211	DIP2C	chr10	0.077940146	+ T2D risk	Body
cg04597111	PDE8A	chr15	0.078012093	+ T2D risk	TSS200
cg09310194	ANK3	chr10	0.078020829	- T2D risk	Body
cg22273925	KIAA1217	chr10	0.078086864	- T2D risk	5'UTR
cg02558625	COL4A1	chr13	0.078144693	- T2D risk	Body
cg09864285	WDR48	chr3	0.078405389	- T2D risk	Body
cg10702789	PHACTR1	chr6	0.078406285	+ T2D risk	Body
cg12252378	YWHAQ	chr2	0.078427246	- T2D risk	Body
cg23409774	CPLX2	chr5	0.078470349	- T2D risk	5'UTR
cg20338628	DDHD2	chr8	0.078515333	- T2D risk	5'UTR
cg20338628	DDHD2	chr8	0.078515333	- T2D risk	1stExon
cg20338628	DDHD2	chr8	0.078515333	- T2D risk	TSS1500
cg20513448	SRPK2	chr7	0.078556248	+ T2D risk	Body
cg26284782	PRKAG2	chr7	0.078565731	+ T2D risk	TSS1500
cg26284782	PRKAG2	chr7	0.078565731	+ T2D risk	Body
cg04296126	CUX1	chr7	0.078590486	- T2D risk	Body
cg10501629	ATP2B1	chr12	0.078635099	+ T2D risk	1stExon
cg07988148	SEZ6L	chr22	0.07866379	+ T2D risk	Body
cg06035718	PPFIBP1	chr12	0.078719526	+ T2D risk	5'UTR
cg00647165	WIZ	chr19	0.078724244	+ T2D risk	Body
ch.8.2442961R	ZHX2	chr8	0.07878747	- T2D risk	3'UTR
cg04670553	ST20	chr15	0.078791033	+ T2D risk	TSS1500
cg13398842	SPOCK1	chr5	0.078799108	+ T2D risk	Body
cg00222867	PDE8A	chr15	0.07880154	+ T2D risk	Body
cg02466933	YWHAQ	chr2	0.07880836	- T2D risk	Body
cg20679659	NCOA2	chr8	0.078851787	+ T2D risk	Body
cg06499487	NCOA2	chr8	0.078859934	+ T2D risk	5'UTR
cg27433898	PACRG	chr6	0.078894472	+ T2D risk	Body
cg27557698	ATP2B1	chr12	0.078918682	+ T2D risk	Body
cg19313221	KDM4B	chr19	0.078925451	+ T2D risk	Body
cg02512806	CREBBP	chr16	0.078949061	+ T2D risk	3'UTR
cg02425445	PRKCB	chr16	0.079010728	- T2D risk	Body
cg27190034	RHBDD1	chr2	0.079054792	- T2D risk	TSS1500
cg14877066	RBBP6	chr16	0.079071544	- T2D risk	TSS200
cg07337544	KCNIP3	chr2	0.079133682	+ T2D risk	Body
cg00002176	CDH22	chr20	0.079158545	+ T2D risk	5'UTR
cg23471095	UXS1	chr2	0.079206535	+ T2D risk	Body
cg21071625	ACTN4	chr19	0.079248101	+ T2D risk	Body
cg24947064	ITGA1	chr5	0.0793508	+ T2D risk	Body
cg15937315	ATXN1	chr6	0.079379232	+ T2D risk	5'UTR
cg01169610	INPP4A	chr2	0.079480616	- T2D risk	5'UTR
cg16977735	DIP2C	chr10	0.079519089	- T2D risk	Body
cg02630660	ULK4	chr3	0.079636572	+ T2D risk	Body
cg06342430	ACSS2	chr20	0.079653693	- T2D risk	TSS1500
cg20543478	ROBO2	chr3	0.079709971	- T2D risk	1stExon
cg20543478	ROBO2	chr3	0.079709971	- T2D risk	Body
cg05078268	YWHAQ	chr2	0.079729383	+ T2D risk	Body
cg26832686	WWP2	chr16	0.079842303	- T2D risk	TSS1500
cg26832686	WWP2	chr16	0.079842303	- T2D risk	Body
cg24750905	KIAA0355	chr19	0.079879484	+ T2D risk	5'UTR
cg27170206	CLEC16A	chr16	0.079906097	+ T2D risk	3'UTR

cg09436970	SEC31A	chr4	0.079947432	+ T2D risk	Body
cg14853265	CHFR	chr12	0.079990359	- T2D risk	Body
cg16470539	NF1	chr17	0.080045485	- T2D risk	Body
cg21269770	PRKCE	chr2	0.080202945	- T2D risk	Body
cg08017248	GALK2	chr15	0.080254957	+ T2D risk	TSS1500
cg05948872	PFKFB2	chr1	0.080257352	+ T2D risk	3'UTR
cg21687563	TTC28	chr22	0.080307604	- T2D risk	Body
cg20820758	RBM4	chr11	0.08031322	- T2D risk	TSS1500
cg19215386	TSHZ1	chr18	0.08032222	- T2D risk	TSS1500
cg03437106	ENAH	chr1	0.080399922	- T2D risk	Body
ch.11.150762R	NUP98	chr11	0.08068562	- T2D risk	Body
cg12641456	FAM160A1	chr4	0.080688358	- T2D risk	5'UTR
cg00968444	ITPKB	chr1	0.08070163	- T2D risk	Body
cg25124489	PRKCE	chr2	0.080702986	- T2D risk	Body
cg19462712	KIAA0355	chr19	0.080713686	+ T2D risk	TSS1500
cg17167343	HMBX1	chr8	0.080738688	- T2D risk	ExonBnd
cg17167343	HMBX1	chr8	0.080738688	- T2D risk	Body
cg14719533	LMX1B	chr9	0.080761108	+ T2D risk	Body
cg16751732	ST6GAL1	chr3	0.080896652	+ T2D risk	TSS200
cg09063254	ANK2	chr4	0.080913694	- T2D risk	5'UTR
cg20981107	PTPRU	chr1	0.080954269	+ T2D risk	Body
cg20699548	NCOA2	chr8	0.080987501	+ T2D risk	Body
cg09607915	FBXO11	chr2	0.080991429	+ T2D risk	5'UTR
cg08134221	PRKD1	chr14	0.081032876	+ T2D risk	Body
cg08134221	PRKD1	chr14	0.081032876	+ T2D risk	ExonBnd
cg05517612	ATXN1	chr6	0.08107465	+ T2D risk	5'UTR
cg13504585	ITPKB	chr1	0.081108541	+ T2D risk	Body
cg04150737	PRMT3	chr11	0.081109648	- T2D risk	5'UTR
cg04150737	PRMT3	chr11	0.081109648	- T2D risk	1stExon
cg24867601	SRPK2	chr7	0.081194377	- T2D risk	Body
cg11674432	RET	chr10	0.08125819	+ T2D risk	TSS200
cg18404346	PACS2	chr14	0.081460228	+ T2D risk	5'UTR
cg22063108	GNA12	chr7	0.08146182	+ T2D risk	Body
cg24946206	CDK8	chr13	0.081594734	+ T2D risk	Body
cg26941996	PDK1	chr2	0.081695483	- T2D risk	Body
cg10281478	DYNC111	chr7	0.081708238	+ T2D risk	5'UTR
cg15014008	ANK3	chr10	0.081847373	- T2D risk	Body
cg20876266	LMCD1	chr3	0.081996363	- T2D risk	5'UTR
cg20876266	LMCD1	chr3	0.081996363	- T2D risk	Body
cg02627993	PACS2	chr14	0.082162193	- T2D risk	Body
cg20694160	TBC1D5	chr3	0.082174935	+ T2D risk	5'UTR
cg18175470	ANK3	chr10	0.082261832	- T2D risk	TSS1500
cg09099082	CPLX2	chr5	0.082340629	+ T2D risk	5'UTR
cg15379182	LYVE1	chr11	0.082365263	+ T2D risk	TSS1500
cg19417382	TSHZ1	chr18	0.082491601	- T2D risk	5'UTR
cg19417382	TSHZ1	chr18	0.082491601	- T2D risk	Body
cg00150307	PRKCE	chr2	0.082493675	+ T2D risk	Body
cg18771566	ADCY5	chr3	0.082598615	+ T2D risk	Body
cg03039399	CREBBP	chr16	0.082601016	- T2D risk	TSS1500
cg17536287	LCA5	chr6	0.082604555	- T2D risk	Body
cg11672338	DIP2C	chr10	0.082616375	+ T2D risk	Body
cg19140503	DIP2C	chr10	0.082656874	- T2D risk	Body
cg01576496	PPP1R12A	chr12	0.082661203	+ T2D risk	Body
cg01576496	PPP1R12A	chr12	0.082661203	+ T2D risk	5'UTR
cg07571734	PRKAG2	chr7	0.082708049	- T2D risk	Body
cg25309998	ARHGAP32	chr11	0.082822072	- T2D risk	Body
cg10410319	ATP8A2	chr13	0.0828452	+ T2D risk	Body
cg02430645	CRYL1	chr13	0.08299602	+ T2D risk	Body
cg01652814	CHID1	chr11	0.083116692	+ T2D risk	Body
cg23181591	ZHX2	chr8	0.083123887	- T2D risk	TSS200
cg24861502	TTC28	chr22	0.08315972	- T2D risk	Body
cg20054872	KIAA1217	chr10	0.083180252	- T2D risk	Body
cg19715414	ATP4A	chr19	0.083191135	- T2D risk	Body
cg16106678	COX6A1	chr12	0.083194	+ T2D risk	Body
cg17793819	ZHX2	chr8	0.083275721	- T2D risk	TSS200
cg27250470	SLIT3	chr5	0.083290371	- T2D risk	Body
cg16013247	USP29	chr19	0.083335518	+ T2D risk	TSS1500
cg13054773	TTC28	chr22	0.083370818	- T2D risk	3'UTR
cg01025883	PRKCB	chr16	0.083391537	+ T2D risk	Body
cg04694761	CALD1	chr7	0.083402272	- T2D risk	Body

cg18314814	<i>TMEM131</i>	chr2	0.083443901	- T2D risk	Body
cg22520850	<i>CUX2</i>	chr12	0.083457819	+ T2D risk	Body
cg20383390	<i>MAN1A2</i>	chr1	0.083474724	+ T2D risk	TSS1500
cg00148035	<i>CUX2</i>	chr12	0.083478401	+ T2D risk	Body
cg06614534	<i>CREBBP</i>	chr16	0.083505955	+ T2D risk	Body
cg22583260	<i>TBC1D5</i>	chr3	0.083527837	- T2D risk	Body
cg01735503	<i>WWP2</i>	chr16	0.083594503	+ T2D risk	Body
cg22823546	<i>MDM1</i>	chr12	0.083614435	- T2D risk	TSS200
cg01638592	<i>CUX2</i>	chr12	0.083637421	- T2D risk	Body
cg14416206	<i>CPLX2</i>	chr5	0.08371142	+ T2D risk	5'UTR
cg02263539	<i>ST6GAL1</i>	chr3	0.083714	+ T2D risk	5'UTR
cg00588858	<i>MGRN1</i>	chr16	0.083848899	- T2D risk	1stExon
cg12589798	<i>CDH22</i>	chr20	0.083856417	+ T2D risk	Body
cg19978728	<i>CADM1</i>	chr11	0.083911846	- T2D risk	Body
cg13369138	<i>BCAT1</i>	chr12	0.083917741	- T2D risk	Body
cg07433663	<i>MEIS2</i>	chr15	0.083936661	- T2D risk	5'UTR
cg07433663	<i>MEIS2</i>	chr15	0.083936661	- T2D risk	1stExon
cg07433663	<i>MEIS2</i>	chr15	0.083936661	- T2D risk	Body
cg07383652	<i>USP53</i>	chr4	0.084092184	+ T2D risk	Body
cg07003745	<i>APC</i>	chr5	0.084121329	+ T2D risk	TSS200
cg05906024	<i>SLIT3</i>	chr5	0.084230696	- T2D risk	Body
cg09395855	<i>GRK5</i>	chr10	0.084283267	- T2D risk	1stExon
cg09395855	<i>GRK5</i>	chr10	0.084283267	- T2D risk	5'UTR
cg13680764	<i>PDLIM5</i>	chr4	0.08429689	- T2D risk	5'UTR
cg13680764	<i>PDLIM5</i>	chr4	0.08429689	- T2D risk	Body
cg20288630	<i>PDE5A</i>	chr4	0.08434848	- T2D risk	TSS1500
cg00826997	<i>CNTNAP2</i>	chr7	0.084479186	- T2D risk	Body
cg03416839	<i>TSGA10</i>	chr2	0.084540384	- T2D risk	5'UTR
cg13235654	<i>NDUFB3</i>	chr2	0.084561025	+ T2D risk	TSS200
cg14567877	<i>ADCY5</i>	chr3	0.084629072	- T2D risk	Body
cg16226396	<i>DYNC111</i>	chr7	0.084666831	+ T2D risk	5'UTR
cg24247923	<i>MET</i>	chr7	0.084754889	- T2D risk	Body
cg12223863	<i>DIP2C</i>	chr10	0.084966516	+ T2D risk	Body
cg14821713	<i>RTN4</i>	chr2	0.084979694	+ T2D risk	Body
cg15991288	<i>WDR47</i>	chr1	0.085052813	- T2D risk	5'UTR
cg08886760	<i>ZHX2</i>	chr8	0.085080892	+ T2D risk	TSS200
cg16442712	<i>KIAA1217</i>	chr10	0.085112858	- T2D risk	Body
cg02868535	<i>RHBDD1</i>	chr2	0.085262685	- T2D risk	Body
cg21021145	<i>SRPK2</i>	chr7	0.085276272	- T2D risk	3'UTR
cg00914222	<i>PTPRU</i>	chr1	0.085424412	- T2D risk	Body
cg18366149	<i>TANC2</i>	chr17	0.085568255	+ T2D risk	Body
cg05842220	<i>MGRN1</i>	chr16	0.085578741	+ T2D risk	Body
cg01512405	<i>RAP1GAP2</i>	chr17	0.085593589	+ T2D risk	Body
cg16523267	<i>ANK2</i>	chr4	0.085603702	+ T2D risk	Body
cg19990476	<i>DIP2C</i>	chr10	0.085707846	+ T2D risk	Body
cg21926603	<i>ZHX2</i>	chr8	0.0857317	+ T2D risk	5'UTR
cg18815674	<i>SEZ6L</i>	chr22	0.085771797	+ T2D risk	Body
cg12213687	<i>COL4A1</i>	chr13	0.085805802	+ T2D risk	Body
cg00350652	<i>WDR47</i>	chr1	0.085827045	- T2D risk	5'UTR
cg00350652	<i>WDR47</i>	chr1	0.085827045	- T2D risk	1stExon
cg12114033	<i>MTHFS</i>	chr15	0.085919776	+ T2D risk	Body
cg14958756	<i>SLIT3</i>	chr5	0.085943794	+ T2D risk	Body
cg20721322	<i>CNTNAP2</i>	chr7	0.085971432	+ T2D risk	Body
cg14697542	<i>PLEKHG3</i>	chr14	0.08597466	- T2D risk	Body
cg13197260	<i>KIAA1109</i>	chr4	0.08614715	- T2D risk	Body
cg15841929	<i>KREMEN1</i>	chr22	0.086151491	- T2D risk	TSS1500
cg26492514	<i>SLIT3</i>	chr5	0.08622602	- T2D risk	TSS200
cg18518183	<i>DYNC112</i>	chr2	0.086260983	- T2D risk	5'UTR
cg20860792	<i>NF1</i>	chr17	0.086426599	- T2D risk	Body
cg16957546	<i>ARHGEF9</i>	chrX	0.086444798	- T2D risk	Body
cg10000052	<i>KDM4B</i>	chr19	0.086505685	+ T2D risk	Body
cg10908116	<i>COL4A1</i>	chr13	0.086541229	- T2D risk	Body
cg26309538	<i>ATXN1</i>	chr6	0.086714083	+ T2D risk	5'UTR
cg14415107	<i>ARL8B</i>	chr3	0.08679648	- T2D risk	Body
cg19145774	<i>EFCAB14</i>	chr1	0.086803951	- T2D risk	TSS200
cg11103458	<i>CUX1</i>	chr7	0.086827947	+ T2D risk	Body
cg17098934	<i>KIAA1217</i>	chr10	0.087021057	- T2D risk	1stExon
cg17098934	<i>KIAA1217</i>	chr10	0.087021057	- T2D risk	5'UTR
cg12216730	<i>ARHGAP32</i>	chr11	0.087023291	- T2D risk	Body
cg14970299	<i>SNX4</i>	chr3	0.087025813	- T2D risk	Body

cg03238819	POLA1	chrX	0.087064294	- T2D risk	Body
cg16113692	SVIP	chr11	0.087122823	+ T2D risk	TSS200
cg11815250	ITPKB	chr1	0.087234696	- T2D risk	Body
cg11360973	DIP2C	chr10	0.087312919	- T2D risk	Body
cg14631997	APBA1	chr9	0.087342243	- T2D risk	Body
cg18095824	FNIP2	chr4	0.087358853	+ T2D risk	Body
cg22689999	ZHX2	chr8	0.08739544	+ T2D risk	5'UTR
cg18450283	TSC22D1	chr13	0.087425937	- T2D risk	TSS1500
cg23042076	RET	chr10	0.087467692	+ T2D risk	TSS1500
cg11319586	ANK3	chr10	0.087527392	- T2D risk	Body
cg04117301	KIAA1217	chr10	0.087628039	- T2D risk	Body
cg08784934	DIP2C	chr10	0.087667116	- T2D risk	Body
cg02696607	PRKAG2	chr7	0.087682947	+ T2D risk	5'UTR
cg02696607	PRKAG2	chr7	0.087682947	+ T2D risk	Body
cg26446348	ATP6V1A	chr3	0.087711825	- T2D risk	TSS1500
cg23653587	EFR3A	chr8	0.087744487	- T2D risk	Body
cg15337037	NCOA7	chr6	0.08776028	+ T2D risk	5'UTR
cg05953394	PRKAG2	chr7	0.087864401	- T2D risk	5'UTR
cg05953394	PRKAG2	chr7	0.087864401	- T2D risk	1stExon
cg09209398	CALD1	chr7	0.087887265	- T2D risk	Body
cg02148222	ST6GAL1	chr3	0.087889565	- T2D risk	5'UTR
cg15287092	SEMA3G	chr3	0.087994057	- T2D risk	TSS200
cg25011019	ROBO2	chr3	0.088084019	- T2D risk	TSS1500
cg00218631	NUCB2	chr11	0.088149048	- T2D risk	TSS1500
cg11834221	ENAH	chr1	0.088239125	- T2D risk	Body
cg12887131	NGF	chr1	0.088273781	+ T2D risk	5'UTR
cg15348714	KDM4B	chr19	0.08838771	+ T2D risk	Body
cg09579303	CEP126	chr11	0.088441251	+ T2D risk	Body
cg16939412	EVI5	chr1	0.08848421	+ T2D risk	Body
cg25020678	DIP2C	chr10	0.088504305	+ T2D risk	Body
cg21282015	PRKCB	chr16	0.088516787	- T2D risk	Body
cg02322135	ANK2	chr4	0.088527708	+ T2D risk	TSS1500
cg02322135	ANK2	chr4	0.088527708	+ T2D risk	Body
cg14878943	DNAH9	chr17	0.088624213	+ T2D risk	TSS1500
cg14878943	DNAH9	chr17	0.088624213	+ T2D risk	Body
cg12182708	MMS19	chr10	0.088653999	- T2D risk	Body
cg05961406	FLT1	chr13	0.088704672	- T2D risk	Body
cg05960592	ACTN4	chr19	0.088772135	- T2D risk	Body
cg22674082	TMEM131	chr2	0.08878443	- T2D risk	Body
cg00290373	CCNB1	chr5	0.088811691	- T2D risk	TSS1500
cg05334416	MEIS2	chr15	0.088859875	- T2D risk	Body
cg26760731	NPEPPS	chr17	0.088962581	+ T2D risk	Body
cg24687287	ACTN4	chr19	0.088982077	+ T2D risk	Body
cg17034775	JPH2	chr20	0.089259665	- T2D risk	Body
cg12592716	CUL1	chr7	0.089392296	- T2D risk	TSS1500
cg11551879	CUX2	chr12	0.089454778	+ T2D risk	Body
cg15717277	SLIT3	chr5	0.089503401	- T2D risk	Body
cg11109845	CUL1	chr7	0.089557052	- T2D risk	TSS1500
cg25506204	ASH1L	chr1	0.089591188	+ T2D risk	5'UTR
cg09551249	RAP1GAP2	chr17	0.089594945	+ T2D risk	Body
cg06273077	LAP3	chr4	0.089603195	- T2D risk	Body
cg16167782	TSHZ1	chr18	0.089613995	+ T2D risk	5'UTR
cg24682385	CREBBP	chr16	0.089637821	- T2D risk	Body
cg09592133	ANK2	chr4	0.089697533	- T2D risk	Body
cg24979630	PPP1R12A	chr12	0.089709638	- T2D risk	TSS200
cg24979630	PPP1R12A	chr12	0.089709638	- T2D risk	TSS1500
cg16329050	PHF21A	chr11	0.089849369	- T2D risk	Body
cg23168390	ATP6V1A	chr3	0.089864888	- T2D risk	TSS1500
cg02755111	LMCD1	chr3	0.089936884	- T2D risk	TSS200
cg04896165	BCAT1	chr12	0.090040797	- T2D risk	3'UTR
cg20475884	CUX1	chr7	0.090045513	+ T2D risk	Body
cg11062167	RHOQ	chr2	0.090052932	- T2D risk	Body
cg27325293	PTPRU	chr1	0.090406927	- T2D risk	Body
cg14648069	MDM1	chr12	0.090563854	- T2D risk	TSS200
cg11123018	SCGN	chr6	0.090640408	- T2D risk	TSS1500
cg02656354	KCNIP3	chr2	0.090668663	+ T2D risk	Body
cg12419525	KANTR	chrX	0.090692051	+ T2D risk	Body
cg14931884	DIP2C	chr10	0.09076248	- T2D risk	Body
cg02628470	SGSM2	chr17	0.090774972	- T2D risk	Body
cg01637244	OXSM	chr3	0.09078043	+ T2D risk	Body

cg08224852	ATXN1	chr6	0.090832718	- T2D risk	Body
cg08116711	CUX1	chr7	0.090854852	+ T2D risk	Body
cg21787390	PTPRU	chr1	0.090877583	- T2D risk	Body
cg06906156	CLEC16A	chr16	0.091047985	+ T2D risk	Body
cg15673843	KDM4B	chr19	0.09106224	+ T2D risk	5'UTR
cg07226883	PPP1R12A	chr12	0.09108588	+ T2D risk	Body
cg21748697	ST8SIA1	chr12	0.091119933	- T2D risk	Body
cg06888756	UXS1	chr2	0.091149463	+ T2D risk	Body
cg06888756	UXS1	chr2	0.091149463	+ T2D risk	TSS200
cg06677151	DIP2C	chr10	0.091175692	+ T2D risk	Body
cg13952914	AGPAT3	chr21	0.091177953	+ T2D risk	Body
cg15831911	PACRG	chr6	0.091213427	+ T2D risk	Body
cg24133278	WDR48	chr3	0.091218694	+ T2D risk	TSS200
cg02146462	RAP1GAP2	chr17	0.09122132	- T2D risk	Body
cg19567415	TANC2	chr17	0.091241425	- T2D risk	Body
cg20885511	FAM160A1	chr4	0.091318176	- T2D risk	Body
cg27355431	TMEM131	chr2	0.091320656	+ T2D risk	Body
cg14729344	GRK5	chr10	0.091405886	- T2D risk	Body
cg23840797	PLAGL1	chr6	0.091424531	+ T2D risk	TSS1500
cg23840797	PLAGL1	chr6	0.091424531	+ T2D risk	5'UTR
cg26732500	DIP2C	chr10	0.091504956	+ T2D risk	Body
cg16431278	TMEM131	chr2	0.091510876	+ T2D risk	Body
cg24292404	TMEM131	chr2	0.091522733	+ T2D risk	Body
cg18917803	CADM1	chr11	0.091535686	+ T2D risk	Body
cg16883353	ATP8A1	chr4	0.091777075	+ T2D risk	Body
cg19145162	TANC2	chr17	0.091795433	+ T2D risk	Body
cg08896015	TSHZ1	chr18	0.091853949	- T2D risk	5'UTR
cg08896015	TSHZ1	chr18	0.091853949	- T2D risk	Body
cg10651775	CDH22	chr20	0.091868387	+ T2D risk	Body
cg08192373	GRK5	chr10	0.091870923	- T2D risk	Body
cg11159701	CUX1	chr7	0.091890968	- T2D risk	Body
cg13569053	PTPRU	chr1	0.092075335	- T2D risk	Body
cg08414807	FAM155B	chrX	0.092204458	- T2D risk	Body
cg20056213	SLIT3	chr5	0.092227799	- T2D risk	Body
cg11200649	RBM4	chr11	0.092233922	- T2D risk	Body
cg03130149	NUP98	chr11	0.092531374	+ T2D risk	TSS200
cg18281014	AGPAT3	chr21	0.092622398	+ T2D risk	5'UTR
cg03165700	NPAT	chr11	0.092760802	- T2D risk	Body
cg14197032	FNIP2	chr4	0.092905023	+ T2D risk	3'UTR
cg20053681	CADM1	chr11	0.092952968	- T2D risk	Body
cg05435739	PRKCE	chr2	0.093040599	- T2D risk	Body
cg27589676	PICALM	chr11	0.093058676	- T2D risk	TSS200
cg27589676	PICALM	chr11	0.093058676	- T2D risk	TSS1500
cg00109643	PICALM	chr11	0.093144613	+ T2D risk	TSS200
cg00109643	PICALM	chr11	0.093144613	+ T2D risk	5'UTR
cg11134095	ATXN1	chr6	0.093293349	+ T2D risk	5'UTR
cg00506589	ATRNL1	chr10	0.093332662	- T2D risk	1stExon
cg00506589	ATRNL1	chr10	0.093332662	- T2D risk	Body
cg00506589	ATRNL1	chr10	0.093332662	- T2D risk	5'UTR
cg12714060	KDM4B	chr19	0.093418698	- T2D risk	5'UTR
cg05459609	MGRN1	chr16	0.093498578	+ T2D risk	Body
cg18617276	KREMEN1	chr22	0.093505885	+ T2D risk	Body
cg13562751	PHACTR1	chr6	0.093709973	+ T2D risk	Body
cg19898923	FAM160A1	chr4	0.093731878	- T2D risk	Body
cg01209168	ARL8B	chr3	0.093860294	+ T2D risk	Body
cg14522884	GGPS1	chr1	0.09386365	- T2D risk	TSS1500
cg05558454	DIP2C	chr10	0.093895016	- T2D risk	Body
cg19203174	DYNC111	chr7	0.093953465	- T2D risk	Body
cg23464070	SRPK2	chr7	0.094000156	- T2D risk	Body
cg23464070	SRPK2	chr7	0.094000156	- T2D risk	5'UTR
cg23464070	SRPK2	chr7	0.094000156	- T2D risk	1stExon
cg00594011	DKK2	chr4	0.094008007	+ T2D risk	1stExon
cg08067561	DNAH9	chr17	0.094242874	+ T2D risk	Body
cg02606218	GALK2	chr15	0.094289907	+ T2D risk	5'UTR
cg02606218	GALK2	chr15	0.094289907	+ T2D risk	1stExon
cg19334977	DIP2C	chr10	0.094332978	- T2D risk	Body
cg17141125	RHOA	chr3	0.094340502	- T2D risk	ExonBnd
cg17141125	RHOA	chr3	0.094340502	- T2D risk	Body
cg14241731	FLT1	chr13	0.094368216	- T2D risk	Body
cg14241731	FLT1	chr13	0.094368216	- T2D risk	3'UTR

cg13529101	CUX1	chr7	0.094418474	- T2D risk	Body
cg01380361	PFKFB2	chr1	0.094445079	+ T2D risk	TSS1500
cg27236859	ASH1L	chr1	0.094449123	+ T2D risk	Body
cg19779712	ATP6V1H	chr8	0.094456745	- T2D risk	Body
cg18762243	ITPKB	chr1	0.094463337	+ T2D risk	5'UTR
cg01755850	SLIT3	chr5	0.094598784	- T2D risk	Body
cg20217971	ITGB1	chr10	0.094619266	+ T2D risk	5'UTR
cg07888803	TMEM131	chr2	0.094714446	+ T2D risk	Body
cg12505433	TBC1D5	chr3	0.094780059	- T2D risk	Body
cg01009386	RNF217	chr6	0.094849988	+ T2D risk	Body
cg27604944	DACH1	chr13	0.094871295	- T2D risk	1stExon
cg08275306	RET	chr10	0.094943139	- T2D risk	TSS200
cg09986153	HMBBOX1	chr8	0.094971708	+ T2D risk	Body
cg22920997	SPOCK1	chr5	0.095015924	- T2D risk	Body
cg13611347	NOL4	chr18	0.095025174	- T2D risk	Body
cg01688293	CHFR	chr12	0.095041498	+ T2D risk	Body
cg08384163	DNAJC13	chr3	0.0950415	- T2D risk	Body
cg05416676	PRKCB	chr16	0.095041585	+ T2D risk	Body
cg04545942	DACH1	chr13	0.095122597	+ T2D risk	Body
cg25668052	GLG1	chr16	0.095128474	+ T2D risk	Body
cg16910830	CNTNAP2	chr7	0.095175377	+ T2D risk	TSS200
cg26303213	ATXN1	chr6	0.095376008	- T2D risk	5'UTR
cg17868330	CNTNAP2	chr7	0.095389738	+ T2D risk	Body
cg13675662	PACS1	chr11	0.095423016	+ T2D risk	Body
cg06930433	GLG1	chr16	0.095450039	+ T2D risk	Body
cg23370213	SLC7A2	chr8	0.095608711	+ T2D risk	5'UTR
cg00967809	NGF	chr1	0.095765941	+ T2D risk	5'UTR
cg23264914	CHID1	chr11	0.095769343	+ T2D risk	Body
cg19265396	DYNC111	chr7	0.095837762	+ T2D risk	Body
cg18976140	RHOA	chr3	0.095875735	+ T2D risk	TSS1500
cg03044067	EVI5	chr1	0.095880643	- T2D risk	Body
cg05534191	RAP1GAP2	chr17	0.095894199	- T2D risk	Body
cg10778837	CNTNAP2	chr7	0.095980496	+ T2D risk	Body
cg20973442	SEZ6L	chr22	0.096115934	+ T2D risk	Body
cg17579214	RAP2A	chr13	0.096457238	- T2D risk	TSS1500
cg09548519	CRYL1	chr13	0.096536108	+ T2D risk	Body
cg13898290	GRK5	chr10	0.096661239	+ T2D risk	Body
cg14947116	CUL1	chr7	0.096772633	- T2D risk	5'UTR
cg09509035	GGPS1	chr1	0.096783984	- T2D risk	TSS1500
cg26314924	DIP2C	chr10	0.096793883	+ T2D risk	Body
cg07242169	TMEM219	chr16	0.096831264	+ T2D risk	Body
cg07242169	TMEM219	chr16	0.096831264	+ T2D risk	ExonBnd
cg02690148	TBC1D5	chr3	0.096886631	+ T2D risk	Body
cg14970340	PPFIBP1	chr12	0.097193317	- T2D risk	TSS200
cg18235239	SLIT3	chr5	0.0971956	+ T2D risk	Body
cg23382224	PRKCB	chr16	0.097274167	- T2D risk	Body
cg24713490	TBC1D5	chr3	0.097340641	- T2D risk	5'UTR
cg24713490	TBC1D5	chr3	0.097340641	- T2D risk	TSS1500
cg12267702	AGPAT3	chr21	0.09739062	+ T2D risk	Body
cg22352234	PLAGL1	chr6	0.097425094	+ T2D risk	5'UTR
cg22352234	PLAGL1	chr6	0.097425094	+ T2D risk	1stExon
cg01721051	KIAA1217	chr10	0.097456414	- T2D risk	Body
cg11671075	DIP2C	chr10	0.097584016	- T2D risk	Body
cg13530999	LMX1B	chr9	0.097636328	+ T2D risk	Body
cg26249524	TTC28	chr22	0.097647763	- T2D risk	Body
cg09851241	ST6GAL1	chr3	0.097680204	+ T2D risk	5'UTR
cg04756727	TTC28	chr22	0.097709346	- T2D risk	Body
cg11242972	TANC2	chr17	0.097752448	+ T2D risk	Body
cg16692934	ZRANB1	chr10	0.097753359	- T2D risk	Body
cg23591217	DNAH9	chr17	0.097968496	- T2D risk	Body
cg14944514	CADM1	chr11	0.097974488	- T2D risk	5'UTR
cg14944514	CADM1	chr11	0.097974488	- T2D risk	1stExon
cg11466301	WWP2	chr16	0.098009156	- T2D risk	TSS200
cg11466301	WWP2	chr16	0.098009156	- T2D risk	Body
cg26072075	NCOA7	chr6	0.098017762	- T2D risk	5'UTR
cg26072075	NCOA7	chr6	0.098017762	- T2D risk	Body
cg00164458	ENAH	chr1	0.098162772	+ T2D risk	3'UTR
cg05567468	MET	chr7	0.098169961	+ T2D risk	5'UTR
cg21941618	NUP98	chr11	0.098199647	- T2D risk	Body
cg23521253	ZRANB1	chr10	0.098258551	+ T2D risk	Body

cg18042593	NPAT	chr11	0.098336175	- T2D risk	Body
cg24723457	DIP2C	chr10	0.098393025	+ T2D risk	Body
cg08973369	ASB9	chrX	0.098486758	+ T2D risk	TSS1500
cg08973369	ASB9	chrX	0.098486758	+ T2D risk	5'UTR
cg08973369	ASB9	chrX	0.098486758	+ T2D risk	1stExon
cg00736299	MGRN1	chr16	0.098530901	- T2D risk	Body
cg02962630	DLL4	chr15	0.098539161	+ T2D risk	Body
cg25440961	SH3GL2	chr9	0.098571946	- T2D risk	TSS200
cg25676074	NCOA2	chr8	0.098600652	- T2D risk	Body
cg16398541	SLIT3	chr5	0.09863389	- T2D risk	Body
cg14169803	LAMA4	chr6	0.098671243	- T2D risk	Body
cg21537212	TTC28	chr22	0.098683039	+ T2D risk	Body
cg23729501	PRKACB	chr1	0.098728362	- T2D risk	5'UTR
cg23729501	PRKACB	chr1	0.098728362	- T2D risk	1stExon
cg23729501	PRKACB	chr1	0.098728362	- T2D risk	Body
cg23729501	PRKACB	chr1	0.098728362	- T2D risk	TSS1500
cg09934706	KDM4B	chr19	0.099041414	+ T2D risk	Body
cg15322661	NCOA2	chr8	0.09905894	+ T2D risk	Body
cg13081096	SRPK2	chr7	0.099117078	- T2D risk	Body
cg20910830	MGRN1	chr16	0.099204478	+ T2D risk	Body
cg04540836	ZHX2	chr8	0.099281468	+ T2D risk	5'UTR
cg21363967	NCOR1	chr17	0.099283371	+ T2D risk	Body
cg02045259	RET	chr10	0.099362486	+ T2D risk	TSS200
cg05529091	CUX2	chr12	0.099405047	- T2D risk	Body
cg25246084	KDM4B	chr19	0.099440861	+ T2D risk	5'UTR
cg17830540	ULK4	chr3	0.099492069	- T2D risk	Body
cg05874111	CUX2	chr12	0.099759892	+ T2D risk	Body
cg02590038	MMS19	chr10	0.09976982	- T2D risk	TSS1500
cg16899179	NCOA2	chr8	0.099775035	+ T2D risk	5'UTR
cg16650112	PRKCB	chr16	0.09979784	- T2D risk	Body
cg20371505	ASXL2	chr2	0.099806102	- T2D risk	Body
cg18610157	PACRG	chr6	0.099854291	- T2D risk	Body
cg27476859	GNA12	chr7	0.09987186	- T2D risk	Body
cg01612449	RBM4	chr11	0.099885921	- T2D risk	Body
cg01021653	FNIP2	chr4	0.099886191	- T2D risk	Body
cg22513428	ATXN1	chr6	0.100059863	- T2D risk	5'UTR
cg17655851	APC	chr5	0.100117934	- T2D risk	Body
cg17655851	APC	chr5	0.100117934	- T2D risk	TSS1500
cg08289167	HMBXO1	chr8	0.100193104	- T2D risk	Body
cg08186837	MAN1A2	chr1	0.100194288	+ T2D risk	1stExon
cg08186837	MAN1A2	chr1	0.100194288	+ T2D risk	5'UTR
cg09040793	ADCY5	chr3	0.10020745	- T2D risk	Body
cg09040793	ADCY5	chr3	0.10020745	- T2D risk	1stExon
cg06825627	SLC7A2	chr8	0.100266253	- T2D risk	5'UTR
cg20399616	BCAT1	chr12	0.100282223	- T2D risk	Body
cg07119616	LMX1B	chr9	0.100284447	+ T2D risk	Body
cg06255206	ATRNL1	chr10	0.100361633	- T2D risk	Body
cg06704738	ADCY5	chr3	0.100412624	+ T2D risk	Body
cg17176517	SNX4	chr3	0.100416438	+ T2D risk	5'UTR
cg17176517	SNX4	chr3	0.100416438	+ T2D risk	1stExon
cg18834673	AGPAT3	chr21	0.100463542	+ T2D risk	5'UTR
cg01861603	MGRN1	chr16	0.100528153	- T2D risk	Body
cg23304647	GNA12	chr7	0.100621219	- T2D risk	Body
cg04486528	CNTNAP2	chr7	0.100679816	- T2D risk	Body
cg15586931	RAP1GAP2	chr17	0.100689101	+ T2D risk	Body
cg18639734	RAP1GAP2	chr17	0.100689518	- T2D risk	Body
cg24796870	CLOCK	chr4	0.100717348	+ T2D risk	5'UTR
cg17977409	SH3GL2	chr9	0.10077118	- T2D risk	5'UTR
cg17977409	SH3GL2	chr9	0.10077118	- T2D risk	1stExon
cg01874337	GNA12	chr7	0.10088366	- T2D risk	Body
cg17722763	MGRN1	chr16	0.101092678	+ T2D risk	Body
cg16508202	CNTNAP2	chr7	0.101095753	- T2D risk	Body
cg21472700	DYNC1I2	chr2	0.101109129	- T2D risk	TSS200
cg05866785	PRMT3	chr11	0.101147231	- T2D risk	Body
cg03545859	PACS1	chr11	0.101166293	+ T2D risk	Body
cg03545859	PACS1	chr11	0.101166293	+ T2D risk	ExonBnd
cg13790125	CADM1	chr11	0.101191751	- T2D risk	Body
cg13669156	TMEM59	chr1	0.101236458	- T2D risk	TSS1500
cg02925840	STX6	chr1	0.101301025	- T2D risk	TSS200
ch.6.2322015F	MAN1A1	chr6	0.101372124	- T2D risk	Body

cg19109397	ANK3	chr10	0.101376734	- T2D risk	Body
cg19691106	DNAJC1	chr10	0.101467057	- T2D risk	Body
cg09677763	NUP98	chr11	0.101487398	- T2D risk	5'UTR
cg18342744	UBL3	chr13	0.101537462	- T2D risk	TSS200
cg21367769	SCGN	chr6	0.101543146	- T2D risk	TSS1500
cg26302009	PHACTR1	chr6	0.101567597	+ T2D risk	Body
cg12469257	NGLY1	chr3	0.101604368	+ T2D risk	Body
cg12469257	NGLY1	chr3	0.101604368	+ T2D risk	3'UTR
cg14128511	PPP1R12A	chr12	0.101618236	+ T2D risk	TSS200
cg14128511	PPP1R12A	chr12	0.101618236	+ T2D risk	TSS1500
cg02538052	PCYT1A	chr3	0.101688053	+ T2D risk	TSS200
cg18232548	DDC	chr7	0.101708249	- T2D risk	Body
cg20803634	GRK5	chr10	0.101779141	+ T2D risk	Body
cg08249692	APC	chr5	0.10180887	- T2D risk	Body
cg08249692	APC	chr5	0.10180887	- T2D risk	TSS1500
cg15961785	SGSM2	chr17	0.101845115	+ T2D risk	TSS1500
cg18367720	PPFIBP1	chr12	0.10186525	- T2D risk	5'UTR
cg13892721	SEC31A	chr4	0.101879673	- T2D risk	TSS1500
ch.12.921239R	ARID2	chr12	0.101898376	- T2D risk	3'UTR
cg01397469	CUX1	chr7	0.101929991	- T2D risk	TSS1500
cg03910657	CADM1	chr11	0.101983911	- T2D risk	Body
cg10137429	ERC2	chr3	0.102150818	- T2D risk	3'UTR
cg26377089	DNAJC13	chr3	0.102284076	- T2D risk	Body
cg10041950	DIP2C	chr10	0.102361006	- T2D risk	Body
cg15201153	STX6	chr1	0.102447145	+ T2D risk	3'UTR
cg15831653	DNAJC1	chr10	0.102493762	- T2D risk	TSS1500
cg11802985	ERC2	chr3	0.102624484	- T2D risk	3'UTR
cg20862708	PLAGL1	chr6	0.102629214	- T2D risk	5'UTR
cg16633817	ROBO2	chr3	0.102638738	- T2D risk	Body
cg04787525	DIP2C	chr10	0.102749402	- T2D risk	Body
cg01885875	ANK3	chr10	0.102758724	- T2D risk	Body
cg16436782	COL4A1	chr13	0.102846065	- T2D risk	Body
cg04431287	DIP2C	chr10	0.102940779	- T2D risk	Body
cg03097389	TSC22D1	chr13	0.103018756	+ T2D risk	3'UTR
cg26964636	KIAA1217	chr10	0.103086593	- T2D risk	Body
cg05977259	FBXO11	chr2	0.103099207	- T2D risk	TSS1500
cg21001907	INPP4A	chr2	0.103196801	+ T2D risk	5'UTR
cg07534234	PACRG	chr6	0.103223493	- T2D risk	Body
cg26694487	SPPL2A	chr15	0.103287428	+ T2D risk	TSS200
cg02048354	PDE5A	chr4	0.103329193	- T2D risk	5'UTR
cg02048354	PDE5A	chr4	0.103329193	- T2D risk	TSS1500
cg02048354	PDE5A	chr4	0.103329193	- T2D risk	Body
cg21211608	RAP1B	chr12	0.103367221	+ T2D risk	TSS1500
cg00202496	CLEC16A	chr16	0.103383372	+ T2D risk	TSS1500
cg05855116	CUX1	chr7	0.103474632	+ T2D risk	Body
cg04826772	NPAT	chr11	0.103485943	+ T2D risk	Body
cg14321837	UXS1	chr2	0.103486956	+ T2D risk	TSS1500
cg21962013	ATP8A2	chr13	0.103534979	+ T2D risk	Body
cg11553654	TTC28	chr22	0.103542574	+ T2D risk	TSS1500
cg05383524	MGRN1	chr16	0.103547135	+ T2D risk	Body
cg15502081	ZHX2	chr8	0.103554545	+ T2D risk	5'UTR
cg12069553	RHOA	chr3	0.103569669	- T2D risk	TSS1500
cg03557226	NPEPPS	chr17	0.103589966	- T2D risk	Body
cg01211893	ITGA1	chr5	0.103615826	- T2D risk	TSS1500
cg20962960	DDC	chr7	0.103651896	- T2D risk	Body
cg05901634	MGRN1	chr16	0.103732121	+ T2D risk	Body
cg14515032	RAP1GAP2	chr17	0.10380219	- T2D risk	Body
cg14405825	DIP2C	chr10	0.103835503	+ T2D risk	Body
cg05523065	TMEM150C	chr4	0.104089824	+ T2D risk	TSS1500
cg14281340	PDE5A	chr4	0.104345439	+ T2D risk	Body
cg14281340	PDE5A	chr4	0.104345439	+ T2D risk	TSS200
cg14281340	PDE5A	chr4	0.104345439	+ T2D risk	TSS1500
cg00580689	WDR47	chr1	0.104357837	+ T2D risk	TSS1500
cg17474248	TAB2	chr6	0.104384255	- T2D risk	5'UTR
cg17474248	TAB2	chr6	0.104384255	- T2D risk	Body
cg14337526	RAP2A	chr13	0.104594284	- T2D risk	5'UTR
cg14337526	RAP2A	chr13	0.104594284	- T2D risk	1stExon
cg03224259	ZHX2	chr8	0.1046514	- T2D risk	5'UTR
cg25315613	TSHZ1	chr18	0.104759277	+ T2D risk	5'UTR
cg25315613	TSHZ1	chr18	0.104759277	+ T2D risk	Body

cg16932062	<i>PFKFB2</i>	chr1	0.104771355	+ T2D risk	TSS1500
cg15678508	<i>PRKAG2</i>	chr7	0.104910301	+ T2D risk	5'UTR
cg15678508	<i>PRKAG2</i>	chr7	0.104910301	+ T2D risk	Body
cg01845076	<i>RAP1GAP2</i>	chr17	0.1049206	- T2D risk	Body
cg03914346	<i>KREMEN1</i>	chr22	0.104954409	- T2D risk	Body
cg22721243	<i>ATXN1</i>	chr6	0.105020209	- T2D risk	Body
cg11331655	<i>SLIT3</i>	chr5	0.105025389	+ T2D risk	Body
cg15211333	<i>SRPK2</i>	chr7	0.105042383	- T2D risk	Body
cg15211333	<i>SRPK2</i>	chr7	0.105042383	- T2D risk	TSS1500
cg14313834	<i>CUX1</i>	chr7	0.105073638	+ T2D risk	Body
cg04956866	<i>SLIT3</i>	chr5	0.105107429	+ T2D risk	Body
cg15705342	<i>DNAJC13</i>	chr3	0.10531611	- T2D risk	TSS1500
cg05692641	<i>ENAH</i>	chr1	0.105370396	- T2D risk	Body
cg11650102	<i>SGSM2</i>	chr17	0.105375549	+ T2D risk	Body
cg21074468	<i>ATXN1</i>	chr6	0.105481626	- T2D risk	5'UTR
cg23876106	<i>WWP2</i>	chr16	0.1055579	- T2D risk	Body
cg06642158	<i>CREBBP</i>	chr16	0.105586095	- T2D risk	Body
cg11774413	<i>CLOCK</i>	chr4	0.105635792	- T2D risk	5'UTR
cg19731158	<i>ROBO2</i>	chr3	0.105671473	- T2D risk	5'UTR
cg19731158	<i>ROBO2</i>	chr3	0.105671473	- T2D risk	Body
cg26632162	<i>ZRANB1</i>	chr10	0.105706621	- T2D risk	Body
cg18876162	<i>TANC2</i>	chr17	0.105724708	- T2D risk	Body
cg14768415	<i>FAM160A1</i>	chr4	0.105831136	+ T2D risk	5'UTR
cg13617074	<i>MEIS2</i>	chr15	0.105911731	+ T2D risk	Body
cg17016175	<i>TMEM131</i>	chr2	0.105919546	- T2D risk	Body
cg04779726	<i>PRKAG2</i>	chr7	0.105926676	- T2D risk	TSS200
cg04779726	<i>PRKAG2</i>	chr7	0.105926676	- T2D risk	5'UTR
cg04779726	<i>PRKAG2</i>	chr7	0.105926676	- T2D risk	Body
cg04787417	<i>ROBO2</i>	chr3	0.106000852	- T2D risk	TSS1500
cg04787417	<i>ROBO2</i>	chr3	0.106000852	- T2D risk	Body
cg23570433	<i>CTR9</i>	chr11	0.106065446	- T2D risk	1stExon
cg23570433	<i>CTR9</i>	chr11	0.106065446	- T2D risk	5'UTR
cg11228744	<i>ERC2</i>	chr3	0.106112588	- T2D risk	3'UTR
cg15400028	<i>NPEPPS</i>	chr17	0.106117892	- T2D risk	TSS200
cg07848601	<i>RANBP17</i>	chr5	0.106160856	- T2D risk	Body
cg04508138	<i>KCNIP3</i>	chr2	0.106206275	+ T2D risk	Body
cg23432480	<i>INPP4A</i>	chr2	0.106272734	+ T2D risk	5'UTR
cg12182153	<i>SLIT3</i>	chr5	0.106484915	- T2D risk	Body
cg18742464	<i>CLIC5</i>	chr6	0.106546684	+ T2D risk	Body
cg18912855	<i>PACS2</i>	chr14	0.106732895	+ T2D risk	Body
cg03962691	<i>NGF</i>	chr1	0.106783077	- T2D risk	TSS1500
cg26918857	<i>STX6</i>	chr1	0.106791929	- T2D risk	5'UTR
cg26918857	<i>STX6</i>	chr1	0.106791929	- T2D risk	Body
cg11733655	<i>ADCY5</i>	chr3	0.10685523	- T2D risk	Body
cg22044904	<i>ADCY5</i>	chr3	0.106863004	- T2D risk	Body
cg27325787	<i>PRKCB</i>	chr16	0.1069228	- T2D risk	Body
cg06316502	<i>DIP2C</i>	chr10	0.107181441	+ T2D risk	Body
cg04633846	<i>PHACTR1</i>	chr6	0.107281044	+ T2D risk	Body
cg23285761	<i>DDHD2</i>	chr8	0.107349506	- T2D risk	5'UTR
cg23285761	<i>DDHD2</i>	chr8	0.107349506	- T2D risk	TSS200
cg01912731	<i>CMTR1</i>	chr6	0.107453668	- T2D risk	TSS200
cg02058924	<i>CHFR</i>	chr12	0.107526677	+ T2D risk	TSS1500
cg00624878	<i>CREBBP</i>	chr16	0.107620623	- T2D risk	Body
cg16671238	<i>CRYL1</i>	chr13	0.107676947	+ T2D risk	Body
cg11418389	<i>KCNIP3</i>	chr2	0.10768885	+ T2D risk	Body
cg16323293	<i>PACRG</i>	chr6	0.10769575	+ T2D risk	Body
cg09777775	<i>AGPAT3</i>	chr21	0.107753837	- T2D risk	5'UTR
cg14718326	<i>ST6GAL1</i>	chr3	0.107815133	- T2D risk	5'UTR
cg23482190	<i>APC</i>	chr5	0.107916333	+ T2D risk	Body
cg03706875	<i>DIP2C</i>	chr10	0.107926535	+ T2D risk	Body
cg27591668	<i>PRKCE</i>	chr2	0.107937773	+ T2D risk	Body
cg04298196	<i>PDE5A</i>	chr4	0.108108999	- T2D risk	Body
cg04298196	<i>PDE5A</i>	chr4	0.108108999	- T2D risk	TSS200
cg04298196	<i>PDE5A</i>	chr4	0.108108999	- T2D risk	TSS1500
cg16637690	<i>WWP2</i>	chr16	0.108242745	+ T2D risk	Body
cg04002957	<i>CHID1</i>	chr11	0.108245951	+ T2D risk	Body
cg15211596	<i>AMD1</i>	chr6	0.108264036	- T2D risk	TSS200
cg11625983	<i>AGPAT3</i>	chr21	0.108288095	+ T2D risk	5'UTR
cg27028281	<i>ANK2</i>	chr4	0.108360123	+ T2D risk	Body
cg23688819	<i>TSHZ1</i>	chr18	0.108397115	- T2D risk	5'UTR

cg23688819	<i>TSHZ1</i>	chr18	0.108397115	- T2D risk	Body
cg21161891	<i>KDR</i>	chr4	0.108428152	- T2D risk	TSS200
cg09527670	<i>KDM4B</i>	chr19	0.108543325	+ T2D risk	Body
cg02078001	<i>UXS1</i>	chr2	0.108565694	+ T2D risk	Body
cg02078001	<i>UXS1</i>	chr2	0.108565694	+ T2D risk	TSS1500
cg05868813	<i>ATP8A2</i>	chr13	0.108681939	+ T2D risk	3'UTR
cg08019914	<i>ANK3</i>	chr10	0.108691042	- T2D risk	TSS1500
cg08019914	<i>ANK3</i>	chr10	0.108691042	- T2D risk	Body
cg27655494	<i>RGS7</i>	chr1	0.108792563	- T2D risk	Body
cg00765035	<i>SLC30A8</i>	chr8	0.108817549	- T2D risk	TSS200
cg00765035	<i>SLC30A8</i>	chr8	0.108817549	- T2D risk	5'UTR
cg25928742	<i>KCNIP3</i>	chr2	0.108843331	- T2D risk	Body
cg21860452	<i>MTHFS</i>	chr15	0.108911049	- T2D risk	TSS1500
cg14317651	<i>GALK2</i>	chr15	0.108984086	+ T2D risk	5'UTR
cg14317651	<i>GALK2</i>	chr15	0.108984086	+ T2D risk	1stExon
cg07260778	<i>WWP2</i>	chr16	0.109031305	+ T2D risk	5'UTR
cg07260778	<i>WWP2</i>	chr16	0.109031305	+ T2D risk	Body
cg17659896	<i>ACTN4</i>	chr19	0.109059019	+ T2D risk	3'UTR
cg01132598	<i>TMEM219</i>	chr16	0.109071125	- T2D risk	TSS1500
cg27129731	<i>MEIS2</i>	chr15	0.109107504	- T2D risk	5'UTR
cg27129731	<i>MEIS2</i>	chr15	0.109107504	- T2D risk	TSS1500
cg15989168	<i>ANK2</i>	chr4	0.109250672	- T2D risk	Body
cg17468386	<i>DDC</i>	chr7	0.10925216	- T2D risk	5'UTR
cg12334034	<i>CUX2</i>	chr12	0.109270932	+ T2D risk	Body
cg02508994	<i>KIAA1217</i>	chr10	0.109377979	+ T2D risk	5'UTR
cg02508994	<i>KIAA1217</i>	chr10	0.109377979	+ T2D risk	Body
cg15070283	<i>RAP1GAP2</i>	chr17	0.109488707	- T2D risk	Body
cg16569373	<i>CREBBP</i>	chr16	0.109535449	+ T2D risk	Body
cg10064922	<i>DIP2C</i>	chr10	0.10959086	+ T2D risk	Body
cg16106903	<i>APC</i>	chr5	0.109676822	+ T2D risk	Body
cg06661685	<i>TPCN1</i>	chr12	0.109806394	- T2D risk	Body
cg23703633	<i>ANK3</i>	chr10	0.109841132	- T2D risk	Body
cg17748326	<i>NUCB2</i>	chr11	0.10986738	- T2D risk	Body
cg13351698	<i>HNRNPA2B1</i>	chr7	0.109903252	+ T2D risk	TSS200
cg04835087	<i>CLEC16A</i>	chr16	0.109930247	- T2D risk	Body
cg26810845	<i>SCGN</i>	chr6	0.109971644	+ T2D risk	TSS1500
cg07235868	<i>SGSM2</i>	chr17	0.109991914	+ T2D risk	Body
cg06340679	<i>KDM4B</i>	chr19	0.11000065	+ T2D risk	Body
cg23060193	<i>GGPS1</i>	chr1	0.110086325	- T2D risk	TSS1500
cg25220460	<i>ZHX2</i>	chr8	0.110149901	- T2D risk	TSS1500
cg19764295	<i>CALD1</i>	chr7	0.11035038	+ T2D risk	Body
cg24504442	<i>MEIS2</i>	chr15	0.110409172	- T2D risk	5'UTR
cg24504442	<i>MEIS2</i>	chr15	0.110409172	- T2D risk	1stExon
cg24504442	<i>MEIS2</i>	chr15	0.110409172	- T2D risk	TSS200
cg24504442	<i>MEIS2</i>	chr15	0.110409172	- T2D risk	TSS1500
cg23559680	<i>HMBX1</i>	chr8	0.110451796	- T2D risk	TSS1500
cg24521747	<i>TSC22D1</i>	chr13	0.110535261	- T2D risk	TSS1500
cg24521747	<i>TSC22D1</i>	chr13	0.110535261	- T2D risk	Body
cg17050526	<i>TENM2</i>	chr5	0.11062386	- T2D risk	Body
cg08571859	<i>APC</i>	chr5	0.110634024	+ T2D risk	TSS1500
cg08571859	<i>APC</i>	chr5	0.110634024	+ T2D risk	5'UTR
cg16855510	<i>KIAA1217</i>	chr10	0.110635119	+ T2D risk	5'UTR
cg02295205	<i>TSGA10</i>	chr2	0.11069321	+ T2D risk	5'UTR
cg02295205	<i>TSGA10</i>	chr2	0.11069321	+ T2D risk	TSS200
cg02140753	<i>CNTROB</i>	chr17	0.110733535	- T2D risk	1stExon
cg02140753	<i>CNTROB</i>	chr17	0.110733535	- T2D risk	5'UTR
cg15639387	<i>DIP2C</i>	chr10	0.110737479	+ T2D risk	Body
cg25722465	<i>KDR</i>	chr4	0.110755077	- T2D risk	1stExon
cg25722465	<i>KDR</i>	chr4	0.110755077	- T2D risk	5'UTR
cg11883881	<i>CUX1</i>	chr7	0.110756299	+ T2D risk	Body
cg26154884	<i>INPP4A</i>	chr2	0.110869465	+ T2D risk	TSS1500
cg11365244	<i>PRKCE</i>	chr2	0.110902386	+ T2D risk	Body
cg00520096	<i>EV15</i>	chr1	0.110925489	- T2D risk	Body
cg16616838	<i>LYVE1</i>	chr11	0.110934451	- T2D risk	3'UTR
cg13840007	<i>PLAGL1</i>	chr6	0.110983798	+ T2D risk	5'UTR
cg08858787	<i>RAP1GAP2</i>	chr17	0.110993806	+ T2D risk	Body
cg02819231	<i>FBXL2</i>	chr3	0.111032653	- T2D risk	TSS200
cg16529636	<i>ERC2</i>	chr3	0.111058972	- T2D risk	3'UTR
cg07559427	<i>DYNC111</i>	chr7	0.111116726	- T2D risk	Body
cg07531072	<i>WIZ</i>	chr19	0.111144801	- T2D risk	5'UTR

cg13363417	KIAA1217	chr10	0.111336668	+ T2D risk	TSS1500
cg03677021	WDR47	chr1	0.111343351	- T2D risk	5'UTR
cg00497086	PRKCB	chr16	0.111356144	- T2D risk	Body
cg18736186	GALK2	chr15	0.111376833	- T2D risk	Body
cg18736186	GALK2	chr15	0.111376833	- T2D risk	TSS1500
cg12176856	PDE8A	chr15	0.111410601	+ T2D risk	Body
cg00871487	RANBP17	chr5	0.111435018	- T2D risk	TSS200
cg07510510	SPOCK1	chr5	0.111516556	+ T2D risk	Body
cg10589408	PTP4A2	chr1	0.111613091	+ T2D risk	5'UTR
cg02746432	CADM1	chr11	0.111664846	+ T2D risk	Body
cg15191465	PDE5A	chr4	0.111678227	- T2D risk	Body
cg15191465	PDE5A	chr4	0.111678227	- T2D risk	TSS1500
cg15191465	PDE5A	chr4	0.111678227	- T2D risk	5'UTR
cg27568360	DIP2C	chr10	0.11169971	- T2D risk	Body
cg03761343	DNAH9	chr17	0.111746161	- T2D risk	5'UTR
cg03761343	DNAH9	chr17	0.111746161	- T2D risk	Body
cg10186605	NF1	chr17	0.111885996	+ T2D risk	Body
cg17786661	DIP2C	chr10	0.111912778	+ T2D risk	Body
cg26028853	ZHX2	chr8	0.112138068	- T2D risk	5'UTR
cg21495385	BCAT1	chr12	0.11220262	- T2D risk	Body
cg20021470	ACSS2	chr20	0.11228647	+ T2D risk	Body
cg11095048	TMEM131	chr2	0.112586049	- T2D risk	Body
cg01975035	POLA1	chrX	0.112633162	- T2D risk	Body
cg11351331	ATXN1	chr6	0.112647334	+ T2D risk	5'UTR
cg15704369	PRKACB	chr1	0.112695144	- T2D risk	TSS200
cg19576214	FBXL2	chr3	0.112717407	- T2D risk	Body
cg12315249	SLIT3	chr5	0.112749857	- T2D risk	Body
cg25046621	ASXL2	chr2	0.112802416	- T2D risk	Body
cg03684232	PLEKHG3	chr14	0.112825733	+ T2D risk	5'UTR
cg06017944	MEIS2	chr15	0.112844469	- T2D risk	Body
cg13858310	ATP8A1	chr4	0.112985588	- T2D risk	Body
cg17944161	NOTCH3	chr19	0.11309008	+ T2D risk	TSS200
cg00697129	KIAA1217	chr10	0.113117019	- T2D risk	1stExon
cg00697129	KIAA1217	chr10	0.113117019	- T2D risk	5'UTR
cg04579885	DIP2C	chr10	0.113147303	- T2D risk	Body
cg20931902	PTPRU	chr1	0.113154915	- T2D risk	Body
cg20415600	LAMA4	chr6	0.113313705	+ T2D risk	Body
cg10309642	DYNC111	chr7	0.113321628	- T2D risk	Body
cg04074945	PHF21A	chr11	0.113351225	+ T2D risk	Body
cg12544123	ENAH	chr1	0.113371929	- T2D risk	Body
cg22671691	KIAA1217	chr10	0.113449496	- T2D risk	Body
cg08512168	ROBO2	chr3	0.11345169	+ T2D risk	1stExon
cg08512168	ROBO2	chr3	0.11345169	+ T2D risk	Body
cg26871959	SKAP1	chr17	0.113496955	- T2D risk	Body
cg06266100	LMCD1	chr3	0.113500574	+ T2D risk	Body
cg05688350	PHACTR1	chr6	0.113529347	- T2D risk	ExonBnd
cg05688350	PHACTR1	chr6	0.113529347	- T2D risk	Body
cg08717398	ZHX2	chr8	0.1135617	+ T2D risk	5'UTR
cg05339557	NGLY1	chr3	0.113583286	- T2D risk	Body
cg05339557	NGLY1	chr3	0.113583286	- T2D risk	TSS200
cg12661206	DYNC111	chr7	0.113702723	- T2D risk	5'UTR
cg06969287	TTC28	chr22	0.113886732	- T2D risk	Body
cg22839114	RAP1B	chr12	0.113886863	+ T2D risk	5'UTR
cg00462004	RTN4	chr2	0.11388855	+ T2D risk	Body
cg11020141	ARL15	chr5	0.11394348	+ T2D risk	Body
cg19402236	FLT1	chr13	0.114055985	+ T2D risk	Body
cg10728282	PHF21A	chr11	0.114090449	+ T2D risk	Body
cg14628889	TSGA10	chr2	0.114115258	+ T2D risk	TSS1500
cg14628889	TSGA10	chr2	0.114115258	+ T2D risk	5'UTR
cg11291872	STX6	chr1	0.11412225	+ T2D risk	5'UTR
cg11291872	STX6	chr1	0.11412225	+ T2D risk	Body
cg16761843	TENM2	chr5	0.114125221	- T2D risk	Body
cg04164437	ANK3	chr10	0.114127439	- T2D risk	Body
cg13403290	NUP98	chr11	0.114164724	- T2D risk	Body
cg23981770	ARHGEF9	chrX	0.114317046	+ T2D risk	Body
cg23981770	ARHGEF9	chrX	0.114317046	+ T2D risk	5'UTR
cg23615959	NUP98	chr11	0.114323284	+ T2D risk	5'UTR
cg20282780	NCOA2	chr8	0.114341345	+ T2D risk	5'UTR
cg25133475	USP53	chr4	0.114415085	- T2D risk	TSS200
cg21850879	NF1	chr17	0.114491448	- T2D risk	Body

cg08950886	<i>ITGB1</i>	chr10	0.114519024	- T2D risk	TSS200
cg08950886	<i>ITGB1</i>	chr10	0.114519024	- T2D risk	TSS1500
cg15119592	<i>INPP4A</i>	chr2	0.114519361	+ T2D risk	Body
cg26422132	<i>SSBP2</i>	chr5	0.114520602	- T2D risk	Body
cg19764940	<i>KDM4B</i>	chr19	0.11455659	+ T2D risk	Body
cg09790565	<i>ULK4</i>	chr3	0.114565595	+ T2D risk	Body
cg11967765	<i>GNA12</i>	chr7	0.114572092	- T2D risk	Body
cg13358196	<i>SEZ6L</i>	chr22	0.114578377	+ T2D risk	Body
cg10364862	<i>CLEC16A</i>	chr16	0.114592166	+ T2D risk	Body
cg19325220	<i>RAP2A</i>	chr13	0.114649586	- T2D risk	TSS200
cg11218876	<i>PHACTR1</i>	chr6	0.114649666	- T2D risk	ExonBnd
cg11218876	<i>PHACTR1</i>	chr6	0.114649666	- T2D risk	5'UTR
cg21819722	<i>ATP8A1</i>	chr4	0.11478487	- T2D risk	Body
cg15578140	<i>CNTNAP2</i>	chr7	0.114864928	+ T2D risk	Body
cg26953234	<i>GPC4</i>	chrX	0.115007118	+ T2D risk	Body
cg10501704	<i>PRKD1</i>	chr14	0.115046186	- T2D risk	Body
cg14429457	<i>DIP2C</i>	chr10	0.11505837	+ T2D risk	Body
cg15399131	<i>RANBP17</i>	chr5	0.115059857	- T2D risk	Body
cg22207272	<i>CADM1</i>	chr11	0.115093213	- T2D risk	TSS1500
cg11639849	<i>EIF4EBP3</i>	chr5	0.115112595	- T2D risk	Body
cg19706697	<i>KIAA1217</i>	chr10	0.115154471	- T2D risk	5'UTR
cg19706697	<i>KIAA1217</i>	chr10	0.115154471	- T2D risk	Body
cg01252513	<i>CUX2</i>	chr12	0.115175158	+ T2D risk	Body
cg15153756	<i>GRK5</i>	chr10	0.115302011	- T2D risk	Body
cg04756223	<i>PRKCE</i>	chr2	0.115315386	- T2D risk	Body
cg11998420	<i>APBA1</i>	chr9	0.115316723	- T2D risk	5'UTR
cg08995473	<i>RANBP17</i>	chr5	0.115573424	- T2D risk	Body
cg03586428	<i>CHID1</i>	chr11	0.115582565	+ T2D risk	Body
cg16951566	<i>WDR48</i>	chr3	0.115655611	- T2D risk	Body
cg02608511	<i>NCOA2</i>	chr8	0.115659499	+ T2D risk	5'UTR
cg21470711	<i>PCYT1A</i>	chr3	0.115808842	- T2D risk	Body
cg07062857	<i>FBXO11</i>	chr2	0.115828586	- T2D risk	TSS1500
cg09224379	<i>CLEC16A</i>	chr16	0.115889236	+ T2D risk	Body
cg19061228	<i>GPC4</i>	chrX	0.115896739	- T2D risk	Body
cg00632784	<i>DDC</i>	chr7	0.115925855	- T2D risk	Body
cg21367187	<i>JPH2</i>	chr20	0.115942983	+ T2D risk	Body
cg12916973	<i>CALD1</i>	chr7	0.116072407	- T2D risk	5'UTR
cg04764064	<i>KIAA0232</i>	chr4	0.116113466	- T2D risk	Body
cg24593582	<i>MYO6</i>	chr6	0.116130624	- T2D risk	Body
cg03006426	<i>SPOCK1</i>	chr5	0.1161939	- T2D risk	Body
cg16915437	<i>CHID1</i>	chr11	0.116238875	+ T2D risk	Body
cg13645221	<i>PHACTR1</i>	chr6	0.116259223	- T2D risk	Body
cg22593874	<i>ANK2</i>	chr4	0.116266581	+ T2D risk	Body
cg02232863	<i>PFKFB2</i>	chr1	0.116477134	+ T2D risk	Body
cg23565244	<i>KDM4B</i>	chr19	0.116549282	- T2D risk	Body
cg23657947	<i>CNTROB</i>	chr17	0.116637277	- T2D risk	Body
cg12267883	<i>UBL3</i>	chr13	0.116731619	+ T2D risk	TSS200
cg24856797	<i>POLA1</i>	chrX	0.116770306	+ T2D risk	Body
cg18853010	<i>PACS2</i>	chr14	0.116781382	+ T2D risk	Body
cg22433677	<i>DYNC111</i>	chr7	0.116825863	+ T2D risk	Body
cg16051718	<i>KIAA0232</i>	chr4	0.117028742	+ T2D risk	Body
cg21658836	<i>CADM1</i>	chr11	0.117132267	+ T2D risk	5'UTR
cg21658836	<i>CADM1</i>	chr11	0.117132267	+ T2D risk	1stExon
cg21632531	<i>ANK3</i>	chr10	0.11716037	- T2D risk	Body
cg22300819	<i>ATP6V1H</i>	chr8	0.117171916	- T2D risk	TSS200
cg22300819	<i>ATP6V1H</i>	chr8	0.117171916	- T2D risk	TSS1500
cg15174682	<i>KDM4B</i>	chr19	0.117259079	- T2D risk	Body
cg09444036	<i>DIP2C</i>	chr10	0.117305574	- T2D risk	Body
cg19909729	<i>NUP98</i>	chr11	0.1173905	+ T2D risk	Body
cg15563735	<i>SPOCK1</i>	chr5	0.117460326	- T2D risk	Body
cg01308737	<i>DIP2C</i>	chr10	0.117484143	+ T2D risk	Body
cg25949550	<i>CNTNAP2</i>	chr7	0.117524244	+ T2D risk	Body
cg13057368	<i>SSB</i>	chr2	0.117627351	- T2D risk	1stExon
cg13057368	<i>SSB</i>	chr2	0.117627351	- T2D risk	5'UTR
cg25143247	<i>PACRG</i>	chr6	0.117682113	+ T2D risk	Body
cg12512564	<i>ST6GAL1</i>	chr3	0.1177197	+ T2D risk	5'UTR
cg11939736	<i>PHF21A</i>	chr11	0.117752584	- T2D risk	Body
cg03063710	<i>DYNC111</i>	chr7	0.11777373	- T2D risk	Body
cg13151023	<i>MAN1A1</i>	chr6	0.11782028	+ T2D risk	Body
cg19302441	<i>CLIC5</i>	chr6	0.117842842	- T2D risk	5'UTR

cg19302441	CLIC5	chr6	0.117842842	- T2D risk	1stExon
cg25405127	NQO1	chr16	0.117861762	+ T2D risk	Body
cg14396453	SPOCK1	chr5	0.117888329	- T2D risk	Body
cg08278453	FNIP2	chr4	0.117907787	- T2D risk	Body
cg11295009	DNAH9	chr17	0.11795014	- T2D risk	ExonBnd
cg11295009	DNAH9	chr17	0.11795014	- T2D risk	Body
cg16954725	DIP2C	chr10	0.118051634	+ T2D risk	Body
cg26827630	ITPKB	chr1	0.118066167	+ T2D risk	Body
cg06128826	STX6	chr1	0.118093244	+ T2D risk	Body
cg17689614	KIAA0355	chr19	0.118126401	- T2D risk	ExonBnd
cg17689614	KIAA0355	chr19	0.118126401	- T2D risk	Body
cg24686224	FARSB	chr2	0.118164808	- T2D risk	Body
cg08025156	RANBP17	chr5	0.118371658	+ T2D risk	Body
cg03217729	CLEC16A	chr16	0.11847616	+ T2D risk	Body
cg05852740	ANK3	chr10	0.118514418	- T2D risk	Body
cg02288859	KREMEN1	chr22	0.118547874	- T2D risk	Body
cg11903987	DIP2C	chr10	0.118746518	+ T2D risk	Body
cg01795204	NUCB2	chr11	0.118833543	+ T2D risk	Body
cg15270350	BIRC5	chr17	0.118858541	- T2D risk	Body
cg02555393	ITPKB	chr1	0.118897453	- T2D risk	Body
cg12551746	DNAJC13	chr3	0.11890556	+ T2D risk	5'UTR
cg04724408	TMEM131	chr2	0.118947361	- T2D risk	Body
cg09274418	CRYL1	chr13	0.119043469	+ T2D risk	Body
cg12936622	TAB2	chr6	0.119141789	+ T2D risk	Body
cg03935228	SRPK2	chr7	0.119197183	+ T2D risk	Body
cg05679113	BIRC5	chr17	0.119230015	+ T2D risk	TSS200
cg24141911	SLIT3	chr5	0.119318425	+ T2D risk	Body
cg09101235	CUL1	chr7	0.119380109	+ T2D risk	Body
cg01243950	PRKCE	chr2	0.119407783	+ T2D risk	Body
cg03504865	DKK2	chr4	0.119427815	+ T2D risk	TSS1500
cg11343870	CHKA	chr11	0.119562241	- T2D risk	TSS200
cg17335746	NUP98	chr11	0.119580652	- T2D risk	Body
cg20420047	SUB1	chr5	0.119660789	- T2D risk	TSS1500
cg03482339	DDHD2	chr8	0.119681441	- T2D risk	TSS1500
cg03482339	DDHD2	chr8	0.119681441	- T2D risk	TSS200
cg03039691	UBE2K	chr4	0.119755153	- T2D risk	Body
cg22095604	NOL4	chr18	0.119794638	- T2D risk	5'UTR
cg22095604	NOL4	chr18	0.119794638	- T2D risk	1stExon
cg23557597	PRKCE	chr2	0.119805265	- T2D risk	Body
cg12776754	DACH1	chr13	0.119827456	- T2D risk	Body
cg18088578	PTPRU	chr1	0.11994859	+ T2D risk	ExonBnd
cg18088578	PTPRU	chr1	0.11994859	+ T2D risk	Body
cg21483906	CLASP2	chr3	0.11995168	- T2D risk	Body
cg14628837	RSF1	chr11	0.119981619	+ T2D risk	Body
cg21182423	LMX1B	chr9	0.12000251	+ T2D risk	3'UTR
cg26820118	CNTNAP2	chr7	0.120082338	- T2D risk	Body
cg05984202	TSC22D1	chr13	0.12009247	- T2D risk	Body
cg05984202	TSC22D1	chr13	0.12009247	- T2D risk	5'UTR
cg05984202	TSC22D1	chr13	0.12009247	- T2D risk	TSS200
cg11909043	KIAA1217	chr10	0.120231685	+ T2D risk	Body
cg09538603	CLEC16A	chr16	0.120257242	+ T2D risk	Body
cg15075580	ERC2	chr3	0.120285191	- T2D risk	Body
cg18932987	ACTN4	chr19	0.12033459	- T2D risk	Body
cg21126583	CNTNAP2	chr7	0.120473898	- T2D risk	TSS200
cg19440866	TBC1D5	chr3	0.120508386	+ T2D risk	Body
cg14584255	PACRG	chr6	0.120606055	+ T2D risk	1stExon
cg14584255	PACRG	chr6	0.120606055	+ T2D risk	Body
cg03184350	CNTNAP2	chr7	0.120710904	+ T2D risk	Body
cg06930902	FBXO11	chr2	0.120842243	- T2D risk	Body
cg14743710	CDH22	chr20	0.12087332	+ T2D risk	Body
cg15460793	RET	chr10	0.120903464	- T2D risk	3'UTR
cg27234746	RANBP17	chr5	0.120940331	- T2D risk	Body
cg17781897	SKAP1	chr17	0.120952441	+ T2D risk	Body
cg17592363	SRPK2	chr7	0.120982094	- T2D risk	Body
cg17592363	SRPK2	chr7	0.120982094	- T2D risk	5'UTR
cg16518285	CUX1	chr7	0.121035765	- T2D risk	Body
cg22835523	PDE8A	chr15	0.121037969	+ T2D risk	Body
cg14863830	POC1B	chr12	0.121245664	- T2D risk	Body
cg18482960	TSGA10	chr2	0.121367988	+ T2D risk	5'UTR
cg20282960	KDM4B	chr19	0.121413908	- T2D risk	Body

cg14143435	<i>HMBOX1</i>	chr8	0.121482868	- T2D risk	TSS200
cg14143435	<i>HMBOX1</i>	chr8	0.121482868	- T2D risk	TSS1500
cg17307558	<i>DKK2</i>	chr4	0.121601991	+ T2D risk	Body
cg11843124	<i>ZHX2</i>	chr8	0.121654193	+ T2D risk	5'UTR
cg26256010	<i>SMG7</i>	chr1	0.121681284	+ T2D risk	TSS1500
cg27093403	<i>BCAT1</i>	chr12	0.121753901	+ T2D risk	Body
cg07290589	<i>DNAH9</i>	chr17	0.122085601	- T2D risk	Body
cg06376458	<i>GLG1</i>	chr16	0.122112353	- T2D risk	Body
cg00156769	<i>SMG7</i>	chr1	0.122143256	+ T2D risk	Body
cg18002862	<i>RAP1GAP2</i>	chr17	0.122175834	+ T2D risk	Body
cg15819914	<i>ASH1L</i>	chr1	0.12217816	- T2D risk	Body
cg20477318	<i>TIMM23</i>	chr10	0.12222926	- T2D risk	Body
cg17810966	<i>PDLIM5</i>	chr4	0.122309126	- T2D risk	Body
cg16692004	<i>TAB2</i>	chr6	0.122311712	+ T2D risk	5'UTR
cg16692004	<i>TAB2</i>	chr6	0.122311712	+ T2D risk	TSS1500
cg16692004	<i>TAB2</i>	chr6	0.122311712	+ T2D risk	Body
cg16692004	<i>TAB2</i>	chr6	0.122311712	+ T2D risk	1stExon
cg10508817	<i>NGLY1</i>	chr3	0.122380223	- T2D risk	Body
cg10508817	<i>OXSM</i>	chr3	0.122380223	- T2D risk	TSS1500
cg17664583	<i>PRKCB</i>	chr16	0.122435975	+ T2D risk	Body
cg01115565	<i>PTPRU</i>	chr1	0.122445143	- T2D risk	Body
cg13604592	<i>AGPAT3</i>	chr21	0.122482881	+ T2D risk	Body
cg11659739	<i>RAP1GAP2</i>	chr17	0.122737812	+ T2D risk	3'UTR
cg08717219	<i>TMEM150C</i>	chr4	0.122809884	- T2D risk	5'UTR
cg26902323	<i>RTN4</i>	chr2	0.1228896	- T2D risk	TSS1500
cg26902323	<i>RTN4</i>	chr2	0.1228896	- T2D risk	1stExon
cg26902323	<i>RTN4</i>	chr2	0.1228896	- T2D risk	5'UTR
cg17035881	<i>ATP8A2</i>	chr13	0.122894449	+ T2D risk	Body
cg24161779	<i>DNAH9</i>	chr17	0.122902636	+ T2D risk	Body
cg06866237	<i>CUX1</i>	chr7	0.122923243	+ T2D risk	Body
cg14519294	<i>CHFR</i>	chr12	0.123030646	+ T2D risk	TSS1500
cg11204485	<i>CHID1</i>	chr11	0.12307269	+ T2D risk	Body
cg22499652	<i>PRKACB</i>	chr1	0.1230732	- T2D risk	5'UTR
cg22499652	<i>PRKACB</i>	chr1	0.1230732	- T2D risk	1stExon
cg22499652	<i>PRKACB</i>	chr1	0.1230732	- T2D risk	Body
cg22499652	<i>PRKACB</i>	chr1	0.1230732	- T2D risk	TSS1500
cg04693928	<i>LMX1B</i>	chr9	0.123078354	+ T2D risk	Body
cg03657103	<i>CRYL1</i>	chr13	0.123138422	- T2D risk	Body
cg01804281	<i>NGF</i>	chr1	0.123217774	+ T2D risk	5'UTR
cg11336887	<i>PTPRU</i>	chr1	0.123320171	+ T2D risk	Body
cg14339765	<i>CLIC5</i>	chr6	0.123475736	- T2D risk	TSS1500
cg11542281	<i>NCOA2</i>	chr8	0.12348117	+ T2D risk	5'UTR
cg07828708	<i>ARHGAP32</i>	chr11	0.123541596	+ T2D risk	Body
cg08098619	<i>NUP98</i>	chr11	0.123543507	- T2D risk	5'UTR
cg08098619	<i>NUP98</i>	chr11	0.123543507	- T2D risk	1stExon
cg10379479	<i>ADCY5</i>	chr3	0.123634682	+ T2D risk	Body
cg11573170	<i>DIP2C</i>	chr10	0.123707954	- T2D risk	Body
cg24341711	<i>DIP2C</i>	chr10	0.123816501	- T2D risk	Body
cg12711746	<i>CREBBP</i>	chr16	0.123850894	+ T2D risk	Body
cg10262747	<i>ATXN1</i>	chr6	0.123861857	- T2D risk	5'UTR
cg06122080	<i>OXSM</i>	chr3	0.124152925	- T2D risk	Body
cg06122080	<i>OXSM</i>	chr3	0.124152925	- T2D risk	5'UTR
cg06122080	<i>NGLY1</i>	chr3	0.124152925	- T2D risk	TSS1500
cg00042252	<i>ASXL2</i>	chr2	0.124377019	- T2D risk	Body
cg21953891	<i>SLIT3</i>	chr5	0.124407653	- T2D risk	Body
cg13200756	<i>MYO6</i>	chr6	0.124414251	+ T2D risk	TSS1500
cg06471104	<i>PICALM</i>	chr11	0.124494675	+ T2D risk	TSS1500
cg11046864	<i>DIP2C</i>	chr10	0.124612304	- T2D risk	Body
cg13795660	<i>ACTN4</i>	chr19	0.124755932	+ T2D risk	Body
cg20063764	<i>PACS2</i>	chr14	0.124887597	- T2D risk	Body
cg13816130	<i>COX6A1</i>	chr12	0.124935747	- T2D risk	TSS1500
cg20227749	<i>WWP2</i>	chr16	0.12523906	+ T2D risk	TSS200
cg21805228	<i>CTR9</i>	chr11	0.125249929	- T2D risk	Body
cg10072115	<i>BCAT1</i>	chr12	0.125263065	+ T2D risk	Body
cg10072115	<i>BCAT1</i>	chr12	0.125263065	+ T2D risk	TSS200
cg10072115	<i>BCAT1</i>	chr12	0.125263065	+ T2D risk	TSS1500
cg15681145	<i>HMBOX1</i>	chr8	0.125278849	- T2D risk	Body
cg22951128	<i>DIP2C</i>	chr10	0.125294361	- T2D risk	Body
cg05197760	<i>BCAT1</i>	chr12	0.125307262	- T2D risk	Body
cg05197760	<i>BCAT1</i>	chr12	0.125307262	- T2D risk	TSS1500

cg17622131	ERC2	chr3	0.125315619	- T2D risk	5'UTR
cg16949862	SEC31A	chr4	0.125316004	+ T2D risk	5'UTR
cg04950301	PHACTR1	chr6	0.12540456	- T2D risk	Body
cg10141938	HNRNPA2B1	chr7	0.125408808	+ T2D risk	Body
cg23243419	RHOQ	chr2	0.125602759	+ T2D risk	Body
cg06783197	PACS2	chr14	0.125609795	- T2D risk	Body
cg13857429	PRKCE	chr2	0.125619707	- T2D risk	Body
cg03823381	PHACTR1	chr6	0.125798831	+ T2D risk	Body
cg15008879	DNAJC1	chr10	0.12582339	- T2D risk	TSS200
cg20416574	FBXO11	chr2	0.12582988	+ T2D risk	5'UTR
cg24938830	UNC80	chr2	0.125887717	- T2D risk	TSS200
cg05175062	DIP2C	chr10	0.125904135	+ T2D risk	Body
cg27574877	DNAJC1	chr10	0.125983514	- T2D risk	Body
cg18582759	KREMEN1	chr22	0.126016757	- T2D risk	Body
cg12224165	WIZ	chr19	0.126160987	- T2D risk	5'UTR
cg13055288	SLC7A2	chr8	0.12633719	- T2D risk	TSS200
cg13055288	SLC7A2	chr8	0.12633719	- T2D risk	5'UTR
cg11907881	AGPAT3	chr21	0.12637308	+ T2D risk	5'UTR
cg08037620	PCYT1A	chr3	0.126385839	- T2D risk	5'UTR
cg05077096	RAP1GAP2	chr17	0.126437079	+ T2D risk	Body
cg19878838	SCARB2	chr4	0.126442438	- T2D risk	TSS1500
cg17000666	TSC22D1	chr13	0.126456126	- T2D risk	Body
cg01290565	CUX2	chr12	0.126544566	- T2D risk	Body
cg22431444	MAN1A2	chr1	0.126551858	+ T2D risk	Body
cg02147637	WWP2	chr16	0.126765869	- T2D risk	ExonBnd
cg02147637	WWP2	chr16	0.126765869	- T2D risk	Body
cg20903874	PCYT1A	chr3	0.126829482	+ T2D risk	5'UTR
cg08406486	CUX2	chr12	0.126832678	- T2D risk	Body
cg19260567	CNTNAP2	chr7	0.126856442	+ T2D risk	Body
cg14982506	KIAA1217	chr10	0.12686599	+ T2D risk	Body
cg09008705	NGF	chr1	0.126963736	- T2D risk	TSS200
cg27099500	PLEKHG3	chr14	0.126979559	+ T2D risk	TSS1500
cg26034658	PACS1	chr11	0.127027946	+ T2D risk	TSS1500
cg04362764	PPP1R12A	chr12	0.127066215	- T2D risk	Body
cg04362764	PPP1R12A	chr12	0.127066215	- T2D risk	5'UTR
cg26433232	IFT74	chr9	0.127069154	- T2D risk	Body
cg22635363	CNTNAP2	chr7	0.127071489	+ T2D risk	Body
cg07054040	MEIS2	chr15	0.127105449	+ T2D risk	5'UTR
cg07054040	MEIS2	chr15	0.127105449	+ T2D risk	1stExon
cg07054040	MEIS2	chr15	0.127105449	+ T2D risk	TSS1500
cg00428134	SLIT3	chr5	0.127146843	- T2D risk	Body
cg26090406	COL4A1	chr13	0.12716684	- T2D risk	Body
cg11796500	TOX3	chr16	0.127214929	- T2D risk	Body
cg15460531	CUX1	chr7	0.127219987	+ T2D risk	Body
cg23772128	KDM4B	chr19	0.127254396	- T2D risk	Body
cg19555661	EVI5	chr1	0.127336438	- T2D risk	Body
cg08055647	HNRNPA2B1	chr7	0.12741368	- T2D risk	Body
cg02527088	DIP2C	chr10	0.127607046	- T2D risk	Body
cg26410484	CHFR	chr12	0.127640132	+ T2D risk	TSS1500
cg20825437	PRKCE	chr2	0.1277568	- T2D risk	1stExon
cg00929870	DIP2C	chr10	0.127762216	+ T2D risk	Body
cg05054278	ARL8B	chr3	0.127898413	+ T2D risk	Body
cg10298298	NPAT	chr11	0.127973377	- T2D risk	Body
cg09381022	PDE5A	chr4	0.128278488	+ T2D risk	Body
cg20369775	TSC22D1	chr13	0.128373174	- T2D risk	Body
cg09624923	ITGB1	chr10	0.128507958	+ T2D risk	5'UTR
cg26607103	ANK3	chr10	0.128636504	+ T2D risk	TSS200
cg06348804	MYO6	chr6	0.128716387	- T2D risk	TSS1500
cg23108245	CRYL1	chr13	0.128728656	- T2D risk	Body
cg12032045	TENM2	chr5	0.128774224	- T2D risk	Body
cg00434021	DIP2C	chr10	0.128799158	+ T2D risk	Body
cg14681086	CDH22	chr20	0.128855154	+ T2D risk	Body
cg01667493	CUX1	chr7	0.128986005	+ T2D risk	Body
cg12500226	KIAA0232	chr4	0.129100656	+ T2D risk	5'UTR
cg13034810	PLEKHG3	chr14	0.129111895	+ T2D risk	Body
cg26553521	ATP6V1A	chr3	0.129167563	+ T2D risk	TSS200
cg06792086	TPCN1	chr12	0.129208764	+ T2D risk	Body
cg19553698	DIP2C	chr10	0.129294751	+ T2D risk	Body
cg06632098	RET	chr10	0.129328557	- T2D risk	Body
cg21432513	CHFR	chr12	0.129329858	- T2D risk	Body

cg08222021	ANK3	chr10	0.12933522	- T2D risk	Body
cg04653639	FLT1	chr13	0.129405361	+ T2D risk	Body
cg23144668	ATRNL1	chr10	0.1294277	+ T2D risk	1stExon
cg23144668	ATRNL1	chr10	0.1294277	+ T2D risk	Body
cg23144668	ATRNL1	chr10	0.1294277	+ T2D risk	5'UTR
cg25161882	ANK2	chr4	0.129449709	- T2D risk	TSS1500
cg25161882	ANK2	chr4	0.129449709	- T2D risk	Body
cg07461953	PRKAG2	chr7	0.129497547	- T2D risk	5'UTR
cg07461953	PRKAG2	chr7	0.129497547	- T2D risk	Body
cg25490551	ST8SIA1	chr12	0.12952736	- T2D risk	Body
cg00150807	ANK3	chr10	0.129566561	+ T2D risk	Body
cg21788878	UBE2K	chr4	0.12972648	+ T2D risk	Body
cg03420907	MGRN1	chr16	0.129767982	+ T2D risk	Body
cg03694644	TSHZ1	chr18	0.129793188	- T2D risk	5'UTR
cg03694644	TSHZ1	chr18	0.129793188	- T2D risk	Body
cg06524757	DACH1	chr13	0.129804239	- T2D risk	TSS200
cg10842540	WWP2	chr16	0.129805156	+ T2D risk	5'UTR
cg10842540	WWP2	chr16	0.129805156	+ T2D risk	Body
cg15096653	CLOCK	chr4	0.130006835	- T2D risk	TSS1500
cg11194305	GRK5	chr10	0.130022911	+ T2D risk	Body
cg17122475	DIP2C	chr10	0.130083028	+ T2D risk	Body
cg09358700	EIF4EBP3	chr5	0.130193191	+ T2D risk	Body
cg19536177	CUX2	chr12	0.130227993	+ T2D risk	Body
cg13328862	ATP8A1	chr4	0.130301711	- T2D risk	Body
cg04801961	PRKCE	chr2	0.130339389	+ T2D risk	Body
cg07267296	HMBX1	chr8	0.130559163	- T2D risk	5'UTR
cg02607972	ASXL2	chr2	0.130642759	- T2D risk	3'UTR
cg03761291	CREBBP	chr16	0.130873097	+ T2D risk	Body
cg06255020	PRKCE	chr2	0.130890269	- T2D risk	Body
cg09338041	PRKCE	chr2	0.131023337	- T2D risk	Body
cg27450850	SCAF11	chr12	0.13106459	+ T2D risk	Body
cg18105800	FBXL2	chr3	0.131112009	- T2D risk	Body
cg26318926	SKAP1	chr17	0.131328248	+ T2D risk	Body
cg07311649	ST6GAL1	chr3	0.131331332	+ T2D risk	5'UTR
cg06061693	GGPS1	chr1	0.131433977	- T2D risk	TSS200
cg06061693	GGPS1	chr1	0.131433977	- T2D risk	5'UTR
cg06061693	GGPS1	chr1	0.131433977	- T2D risk	1stExon
cg18979085	ITGA1	chr5	0.131496098	- T2D risk	Body
cg01579024	RANBP17	chr5	0.131523399	- T2D risk	TSS1500
cg21250959	PDE5A	chr4	0.131539084	- T2D risk	Body
cg23205234	CHID1	chr11	0.131544384	+ T2D risk	Body
cg05502525	CLEC16A	chr16	0.13155914	- T2D risk	TSS200
cg16694011	CNTNAP2	chr7	0.131732252	+ T2D risk	Body
cg01969262	PRKD1	chr14	0.131768912	+ T2D risk	Body
cg11744422	PACS1	chr11	0.131787086	+ T2D risk	Body
cg27379240	APC	chr5	0.131854121	- T2D risk	TSS1500
cg17510038	DENND4C	chr9	0.13187697	+ T2D risk	Body
cg26299089	PLEKHG3	chr14	0.131881199	+ T2D risk	TSS200
cg09974122	GRK5	chr10	0.13201387	+ T2D risk	Body
cg10077670	ARPP19	chr15	0.132038892	- T2D risk	Body
cg10077670	ARPP19	chr15	0.132038892	- T2D risk	ExonBnd
cg26475005	KIAA1217	chr10	0.132054433	+ T2D risk	Body
cg03417340	WWP2	chr16	0.132268135	- T2D risk	Body
cg10695700	PACRG	chr6	0.132277319	- T2D risk	Body
cg01370013	PRKAG2	chr7	0.132279152	+ T2D risk	Body
cg21815882	HNRNPA2B1	chr7	0.132298817	+ T2D risk	TSS1500
cg13612847	GAD1	chr2	0.132342809	- T2D risk	TSS1500
cg12513686	DIP2C	chr10	0.132523098	+ T2D risk	Body
cg20028936	ENAH	chr1	0.132635129	+ T2D risk	Body
cg01505016	ATP2B1	chr12	0.132700744	- T2D risk	Body
cg19451698	RHBDD1	chr2	0.132784676	- T2D risk	TSS1500
cg06920946	DIP2C	chr10	0.132910597	- T2D risk	Body
cg11361535	LMX1B	chr9	0.132940677	+ T2D risk	Body
cg06217105	TMEM131	chr2	0.132972741	- T2D risk	Body
cg06764145	MAN1A2	chr1	0.13305206	+ T2D risk	Body
cg20096490	COL4A1	chr13	0.133167705	+ T2D risk	Body
cg09949353	SH3GL2	chr9	0.133231977	+ T2D risk	Body
cg20340405	PPFIBP1	chr12	0.133235238	- T2D risk	3'UTR
cg13522162	CUL1	chr7	0.133340056	+ T2D risk	5'UTR
cg23998048	TENM2	chr5	0.133382032	+ T2D risk	Body

cg02530350	CNTNAP2	chr7	0.133441832	- T2D risk	Body
cg16044777	LAMA4	chr6	0.133468433	- T2D risk	Body
cg11690539	SLC29A4	chr7	0.133491802	+ T2D risk	Body
cg16284742	CDH22	chr20	0.133566828	- T2D risk	TSS1500
cg00121562	PCYT1A	chr3	0.133648233	- T2D risk	5'UTR
cg15167311	PRKD1	chr14	0.133690687	- T2D risk	Body
cg07828413	ENAH	chr1	0.133769632	- T2D risk	Body
cg18899999	PICALM	chr11	0.133775816	+ T2D risk	Body
cg16789241	YWHAQ	chr2	0.133801207	- T2D risk	5'UTR
cg16789241	YWHAQ	chr2	0.133801207	- T2D risk	1stExon
cg06084515	MYO6	chr6	0.133988506	- T2D risk	Body
cg26368163	ZHX2	chr8	0.134116935	+ T2D risk	5'UTR
cg19012044	NOTCH3	chr19	0.134128443	+ T2D risk	Body
cg10981514	TPCN1	chr12	0.134179567	+ T2D risk	Body
cg13721404	NOL4	chr18	0.134208874	- T2D risk	Body
cg09744016	ARL15	chr5	0.134247085	- T2D risk	1stExon
cg09744016	ARL15	chr5	0.134247085	- T2D risk	5'UTR
cg25723910	DDHD2	chr8	0.134251036	+ T2D risk	Body
cg03826535	TPCN1	chr12	0.134267832	- T2D risk	TSS200
cg16793757	ANK3	chr10	0.13428583	- T2D risk	Body
cg15233530	CHKA	chr11	0.13445364	+ T2D risk	TSS1500
cg26511507	DIP2C	chr10	0.134454939	- T2D risk	Body
cg26529778	NOL4	chr18	0.134514181	- T2D risk	Body
cg01550215	PACS2	chr14	0.134517795	- T2D risk	Body
cg19079653	ZDHHC2	chr8	0.134614972	+ T2D risk	TSS1500
cg07964527	PDE8A	chr15	0.134622971	+ T2D risk	Body
cg02091185	RANBP17	chr5	0.134688137	- T2D risk	TSS1500
cg04806237	DIP2C	chr10	0.13475369	+ T2D risk	Body
cg07075061	COL4A1	chr13	0.134812112	+ T2D risk	3'UTR
cg04653052	ATRNL1	chr10	0.134899794	+ T2D risk	Body
cg16374471	PRKACB	chr1	0.134906968	- T2D risk	5'UTR
cg16374471	PRKACB	chr1	0.134906968	- T2D risk	1stExon
cg05746092	ANK3	chr10	0.134938314	- T2D risk	Body
cg27129219	PRKCB	chr16	0.135020056	- T2D risk	Body
cg09622146	ATXN1	chr6	0.135029356	- T2D risk	5'UTR
cg14024823	APBA1	chr9	0.135040154	- T2D risk	Body
cg01409593	DIP2C	chr10	0.135072878	- T2D risk	Body
cg05180412	ROBO2	chr3	0.135107216	+ T2D risk	5'UTR
cg05180412	ROBO2	chr3	0.135107216	+ T2D risk	TSS1500
cg05180412	ROBO2	chr3	0.135107216	+ T2D risk	Body
cg09869286	DIP2C	chr10	0.135122841	+ T2D risk	Body
cg06230805	AGPAT3	chr21	0.135131291	+ T2D risk	Body
cg24260500	SCAF11	chr12	0.135134885	+ T2D risk	Body
cg08650639	GRK5	chr10	0.13531787	+ T2D risk	Body
cg14253333	CDH22	chr20	0.135333339	+ T2D risk	Body
cg15701713	RGS7	chr1	0.135373013	- T2D risk	Body
cg26120109	PTPRU	chr1	0.135665582	+ T2D risk	Body
cg10165167	SLIT3	chr5	0.135764793	+ T2D risk	TSS1500
cg20146348	TSHZ1	chr18	0.135766464	+ T2D risk	5'UTR
cg20146348	TSHZ1	chr18	0.135766464	+ T2D risk	Body
cg02128191	DIP2C	chr10	0.135784494	- T2D risk	Body
cg03569616	NPAT	chr11	0.135849969	- T2D risk	Body
cg21685565	GNA12	chr7	0.136126365	- T2D risk	1stExon
cg19367193	PRKAG2	chr7	0.136141652	- T2D risk	3'UTR
cg02297941	NCOA7	chr6	0.136280742	- T2D risk	5'UTR
cg09947615	ATP8A1	chr4	0.136399854	- T2D risk	TSS1500
cg21651000	NCOA2	chr8	0.136500801	+ T2D risk	5'UTR
cg19190274	RAP1GAP2	chr17	0.136644296	+ T2D risk	3'UTR
cg06752313	APBA1	chr9	0.13668734	- T2D risk	ExonBnd
cg06752313	APBA1	chr9	0.13668734	- T2D risk	Body
cg04523320	UBE2K	chr4	0.136715016	- T2D risk	Body
cg15026574	ST6GAL1	chr3	0.136924548	+ T2D risk	5'UTR
cg23548616	CNTNAP2	chr7	0.136937891	- T2D risk	Body
cg17293868	DIP2C	chr10	0.137009944	- T2D risk	Body
cg22451117	PRKD1	chr14	0.137098787	- T2D risk	Body
cg12766793	CUL1	chr7	0.137117204	- T2D risk	5'UTR
cg16147002	TPCN1	chr12	0.137157998	+ T2D risk	5'UTR
cg16147002	TPCN1	chr12	0.137157998	+ T2D risk	Body
cg00759456	RHBDD1	chr2	0.137174439	- T2D risk	Body
cg25329939	RAP2A	chr13	0.137194883	+ T2D risk	TSS1500

cg09919124	<i>FBXO11</i>	chr2	0.137213449	- T2D risk	Body
cg05336292	<i>DIP2C</i>	chr10	0.137239185	+ T2D risk	Body
cg17205466	<i>SCARB2</i>	chr4	0.137254467	+ T2D risk	Body
cg24831711	<i>ATXN1</i>	chr6	0.137317356	+ T2D risk	5'UTR
cg11930955	<i>TPCN1</i>	chr12	0.137370534	- T2D risk	5'UTR
cg07632790	<i>DDHD2</i>	chr8	0.137463147	- T2D risk	Body
cg18062356	<i>ACSS2</i>	chr20	0.137500336	- T2D risk	TSS1500
cg22134256	<i>NUP98</i>	chr11	0.137534356	+ T2D risk	Body
cg08274518	<i>CLASP2</i>	chr3	0.137641409	- T2D risk	Body
cg03484139	<i>DIP2C</i>	chr10	0.137651864	+ T2D risk	Body
cg13105228	<i>CADM1</i>	chr11	0.137838631	+ T2D risk	Body
cg11332701	<i>STX6</i>	chr1	0.137895195	+ T2D risk	Body
cg05966045	<i>UBL3</i>	chr13	0.13790827	+ T2D risk	Body
cg23865067	<i>ARPP19</i>	chr15	0.137953903	- T2D risk	Body
cg07285148	<i>PRKAG2</i>	chr7	0.13803713	+ T2D risk	Body
cg20634125	<i>ATXN1</i>	chr6	0.138085966	+ T2D risk	5'UTR
cg18656725	<i>ANK2</i>	chr4	0.138132494	- T2D risk	Body
cg00041079	<i>FAM160A1</i>	chr4	0.138168114	- T2D risk	5'UTR
cg11815150	<i>PPP1R12A</i>	chr12	0.138207163	+ T2D risk	Body
cg10983878	<i>PHF21A</i>	chr11	0.1382651	- T2D risk	Body
cg06507062	<i>SSBP2</i>	chr5	0.138273934	- T2D risk	TSS1500
cg02464555	<i>CUX1</i>	chr7	0.138628279	+ T2D risk	Body
cg01235000	<i>CPLX2</i>	chr5	0.1387246	+ T2D risk	Body
cg01648005	<i>MAN1A2</i>	chr1	0.138813655	- T2D risk	1stExon
cg01648005	<i>MAN1A2</i>	chr1	0.138813655	- T2D risk	5'UTR
cg05719405	<i>MYO6</i>	chr6	0.139087975	- T2D risk	5'UTR
cg13072717	<i>ST6GAL1</i>	chr3	0.13920158	- T2D risk	5'UTR
cg00832329	<i>PACS2</i>	chr14	0.139454005	- T2D risk	Body
cg23008352	<i>COL4A1</i>	chr13	0.139494103	- T2D risk	Body
cg08833308	<i>FLT1</i>	chr13	0.139514033	- T2D risk	Body
cg15704204	<i>TENM2</i>	chr5	0.139549883	- T2D risk	Body
cg02143544	<i>SPOCK1</i>	chr5	0.139727619	- T2D risk	Body
cg27241873	<i>DNAH9</i>	chr17	0.13973535	- T2D risk	Body
cg12448545	<i>FBXO11</i>	chr2	0.139788077	- T2D risk	TSS1500
cg15833596	<i>PFKFB2</i>	chr1	0.139884207	- T2D risk	TSS200
cg24444035	<i>TENM2</i>	chr5	0.139910132	- T2D risk	Body
cg18113823	<i>TMEM150C</i>	chr4	0.14011558	- T2D risk	Body
cg10335659	<i>TSGA10</i>	chr2	0.14013966	+ T2D risk	5'UTR
cg03373301	<i>HMBOX1</i>	chr8	0.140147593	+ T2D risk	Body
cg04689697	<i>NCOR1</i>	chr17	0.140282163	+ T2D risk	Body
cg24566581	<i>CHID1</i>	chr11	0.140349169	+ T2D risk	Body
cg05088052	<i>LMX1B</i>	chr9	0.14039291	+ T2D risk	Body
cg08151651	<i>COL4A1</i>	chr13	0.14041563	- T2D risk	Body
cg10478329	<i>PACRG</i>	chr6	0.14043319	- T2D risk	Body
cg27197835	<i>DIP2C</i>	chr10	0.140444532	- T2D risk	Body
cg20827128	<i>PHACTR1</i>	chr6	0.140449315	- T2D risk	Body
cg12180070	<i>SLIT3</i>	chr5	0.140510053	- T2D risk	Body
cg05092017	<i>RSF1</i>	chr11	0.140690581	- T2D risk	Body
cg10141789	<i>CUX1</i>	chr7	0.140745113	+ T2D risk	Body
cg06943141	<i>KIAA1217</i>	chr10	0.140826579	+ T2D risk	Body
cg15669692	<i>CUX1</i>	chr7	0.141031663	- T2D risk	Body
cg00989765	<i>KDR</i>	chr4	0.141092304	+ T2D risk	TSS200
cg14517752	<i>PRKCE</i>	chr2	0.141149265	+ T2D risk	Body
cg22253553	<i>FARSB</i>	chr2	0.141163851	- T2D risk	TSS1500
cg02950491	<i>ITPKB</i>	chr1	0.14117187	+ T2D risk	Body
cg06979550	<i>CCNB1</i>	chr5	0.141189122	- T2D risk	TSS1500
cg07917842	<i>NF1</i>	chr17	0.141235888	- T2D risk	Body
ch.11.1684505R	<i>RSF1</i>	chr11	0.141243197	- T2D risk	Body
cg18864334	<i>PACRG</i>	chr6	0.141266164	- T2D risk	Body
cg21384462	<i>ERC2</i>	chr3	0.141310012	+ T2D risk	TSS1500
cg06840305	<i>TMEM131</i>	chr2	0.141391157	- T2D risk	Body
cg04736490	<i>PACS1</i>	chr11	0.141405659	- T2D risk	Body
cg17084390	<i>ATP8A1</i>	chr4	0.14148153	+ T2D risk	Body
cg06764795	<i>CLOCK</i>	chr4	0.141512991	+ T2D risk	5'UTR
cg22685913	<i>PRKCB</i>	chr16	0.141790137	- T2D risk	Body
cg04628308	<i>PICALM</i>	chr11	0.141807648	- T2D risk	TSS200
cg04628308	<i>PICALM</i>	chr11	0.141807648	- T2D risk	5'UTR
cg24595041	<i>YWHAQ</i>	chr2	0.141813667	+ T2D risk	Body
cg12790758	<i>MEIS2</i>	chr15	0.141877138	- T2D risk	Body
cg24716536	<i>TBC1D5</i>	chr3	0.14195838	- T2D risk	5'UTR

cg01310482	CUX1	chr7	0.142004269	- T2D risk	Body
cg12114602	CLEC16A	chr16	0.142033725	+ T2D risk	Body
cg03301424	IFT74	chr9	0.142048473	+ T2D risk	5'UTR
cg03301424	IFT74	chr9	0.142048473	+ T2D risk	TSS1500
cg19471965	KREMEN1	chr22	0.142137103	- T2D risk	Body
cg01624414	SCARB2	chr4	0.142192751	- T2D risk	Body
cg05781582	WWP2	chr16	0.142198239	+ T2D risk	Body
cg17679246	PDK1	chr2	0.142261238	+ T2D risk	TSS1500
cg22947679	MAN1A2	chr1	0.142290099	+ T2D risk	TSS1500
cg04131721	GRK5	chr10	0.142318504	+ T2D risk	Body
cg11907102	NDUFB3	chr2	0.142319919	+ T2D risk	5'UTR
cg11907102	NDUFB3	chr2	0.142319919	+ T2D risk	1stExon
cg20467565	PRMT3	chr11	0.142327912	- T2D risk	TSS1500
cg16977411	FLT1	chr13	0.142329124	+ T2D risk	Body
cg07523442	PACRG	chr6	0.142569391	- T2D risk	Body
cg24982934	HNRNPA2B1	chr7	0.142770021	+ T2D risk	3'UTR
cg26479721	KCNJ12	chr17	0.142919623	+ T2D risk	5'UTR
cg26479721	KCNJ18	chr17	0.142919623	+ T2D risk	5'UTR
cg26479721	KCNJ18	chr17	0.142919623	+ T2D risk	1stExon
cg13308744	EIF1AY	chrY	0.143198898	- T2D risk	TSS1500
cg05569018	COL4A1	chr13	0.143447309	- T2D risk	Body
cg22120094	ZHX2	chr8	0.14351189	- T2D risk	5'UTR
cg09508632	NCOA2	chr8	0.143534915	+ T2D risk	5'UTR
cg25998794	PACS2	chr14	0.143700816	- T2D risk	Body
cg26116561	DIP2C	chr10	0.143729091	+ T2D risk	Body
cg16846503	CUX1	chr7	0.14373966	- T2D risk	Body
cg08358803	RANBP17	chr5	0.143756045	- T2D risk	TSS1500
cg07944863	RGS7	chr1	0.143771537	- T2D risk	TSS1500
cg13464274	SRPK2	chr7	0.143792383	- T2D risk	Body
cg13464274	SRPK2	chr7	0.143792383	- T2D risk	TSS1500
cg15986307	GNA12	chr7	0.14380241	- T2D risk	Body
cg14005240	ATP4A	chr19	0.143825405	- T2D risk	TSS1500
cg12384004	ATP8A2	chr13	0.143980289	+ T2D risk	Body
cg08555556	PACRG	chr6	0.144029092	- T2D risk	Body
cg17984508	CHFR	chr12	0.144053255	- T2D risk	Body
cg24827405	KDM4B	chr19	0.144176345	+ T2D risk	Body
cg06444730	PRKACB	chr1	0.144193533	- T2D risk	Body
cg17409247	PRKAG2	chr7	0.144240658	- T2D risk	Body
cg09269891	CREBBP	chr16	0.144294264	- T2D risk	Body
cg02075820	NUCB2	chr11	0.144402007	- T2D risk	5'UTR
cg04040631	GRK5	chr10	0.144432777	+ T2D risk	Body
cg02613926	CLOCK	chr4	0.144493635	- T2D risk	5'UTR
cg00683922	PFKFB2	chr1	0.144602823	+ T2D risk	Body
cg13173809	SKAP1	chr17	0.144750369	- T2D risk	Body
cg14541915	PACS1	chr11	0.144762884	- T2D risk	Body
cg19159759	CRYL1	chr13	0.144827074	+ T2D risk	Body
cg10238675	CUX2	chr12	0.144839692	- T2D risk	Body
cg00209424	RTN4	chr2	0.144949598	+ T2D risk	TSS200
cg13036397	CLEC16A	chr16	0.144966608	+ T2D risk	Body
cg11282531	MEIS2	chr15	0.145034379	+ T2D risk	TSS200
cg11282531	MEIS2	chr15	0.145034379	+ T2D risk	TSS1500
cg02169185	CUX1	chr7	0.145059159	+ T2D risk	Body
cg19504234	KCNJ12	chr17	0.145094392	+ T2D risk	5'UTR
cg14331614	KIAA1109	chr4	0.145123007	- T2D risk	Body
cg06216309	CUX1	chr7	0.145133296	- T2D risk	Body
cg09456438	POLA1	chrX	0.145141186	- T2D risk	Body
cg07357683	SEMA3G	chr3	0.145311558	+ T2D risk	TSS1500
cg20022216	UBE2K	chr4	0.145340138	- T2D risk	Body
cg07290796	SPAG9	chr17	0.145341938	+ T2D risk	Body
cg19434164	CUX1	chr7	0.145372487	+ T2D risk	Body
cg25109719	PACS2	chr14	0.14538529	+ T2D risk	Body
cg24844313	ITPKB	chr1	0.145429891	+ T2D risk	5'UTR
cg07962812	SMG7	chr1	0.145449129	- T2D risk	TSS200
cg02915968	CUX1	chr7	0.145468008	- T2D risk	Body
cg10093358	DIP2C	chr10	0.145590915	+ T2D risk	Body
cg23137807	MEIS2	chr15	0.145675707	- T2D risk	TSS200
cg23137807	MEIS2	chr15	0.145675707	- T2D risk	TSS1500
cg23955881	KCNJ12	chr17	0.145802001	+ T2D risk	5'UTR
cg06425848	PACS2	chr14	0.145814817	- T2D risk	Body
cg20389760	ATP8A1	chr4	0.145924907	- T2D risk	TSS1500

cg13586599	SCGN	chr6	0.146019127	- T2D risk	TSS200
cg18636829	CUX1	chr7	0.1461042	+ T2D risk	Body
cg02649098	ADCY5	chr3	0.146231453	+ T2D risk	Body
cg27648808	SLIT3	chr5	0.146349276	- T2D risk	Body
cg14583183	CDH22	chr20	0.146374698	+ T2D risk	Body
cg22222104	UNC80	chr2	0.146421505	- T2D risk	Body
cg23378706	SSBP2	chr5	0.146509908	- T2D risk	TSS1500
cg03746015	CLEC16A	chr16	0.146540758	- T2D risk	Body
cg02774087	INPP4A	chr2	0.146611644	+ T2D risk	Body
cg11707631	CLEC16A	chr16	0.146705369	+ T2D risk	Body
cg16595458	CNTNAP2	chr7	0.146707977	- T2D risk	Body
cg21922478	ITGA1	chr5	0.146708444	- T2D risk	Body
cg18767547	SCAF8	chr6	0.146921747	- T2D risk	Body
cg02559239	ANKHD1	chr5	0.146928921	- T2D risk	Body
cg08324896	TTC28	chr22	0.146992905	+ T2D risk	Body
cg01700344	PRKAG2	chr7	0.147039491	+ T2D risk	Body
cg01538165	NCOA2	chr8	0.147126403	- T2D risk	5'UTR
cg24020698	DIP2C	chr10	0.147139931	+ T2D risk	Body
cg12120701	EIF4EBP3	chr5	0.147157243	+ T2D risk	TSS1500
cg18804645	RGS7	chr1	0.147307908	- T2D risk	Body
cg13811532	PRKCB	chr16	0.147462404	- T2D risk	Body
cg09936566	NUF2	chr1	0.147516922	+ T2D risk	5'UTR
cg07133994	PRKD1	chr14	0.147568937	+ T2D risk	Body
cg10517370	JPH2	chr20	0.147581448	+ T2D risk	Body
cg19001667	APBA1	chr9	0.14762858	- T2D risk	Body
cg11865772	ANK3	chr10	0.147658615	- T2D risk	TSS1500
cg11865772	ANK3	chr10	0.147658615	- T2D risk	Body
cg19202288	PACRG	chr6	0.147663494	- T2D risk	Body
cg03075494	TSHZ1	chr18	0.147672547	+ T2D risk	5'UTR
cg03075494	TSHZ1	chr18	0.147672547	+ T2D risk	1stExon
cg22306632	KIAA0232	chr4	0.147767055	+ T2D risk	Body
cg07615875	CUX1	chr7	0.147846332	+ T2D risk	Body
cg10789486	DACH1	chr13	0.147858804	- T2D risk	Body
cg00584457	DDC	chr7	0.147893186	- T2D risk	Body
cg09807191	LMX1B	chr9	0.147895152	+ T2D risk	Body
cg13138391	DIP2C	chr10	0.147907808	- T2D risk	Body
cg13648715	SCARB2	chr4	0.147945031	+ T2D risk	Body
cg10905699	RSF1	chr11	0.147983367	- T2D risk	1stExon
cg14896357	FAM160A1	chr4	0.14803723	+ T2D risk	TSS1500
cg07059630	ARL8B	chr3	0.148038761	- T2D risk	Body
cg11914079	TSHZ1	chr18	0.148049897	+ T2D risk	TSS1500
cg09090899	TMEM219	chr16	0.148209608	+ T2D risk	5'UTR
cg12290394	GALK2	chr15	0.148333227	- T2D risk	Body
cg07018367	RANBP17	chr5	0.148373256	+ T2D risk	Body
cg06081153	SRPK2	chr7	0.148426432	- T2D risk	TSS200
cg07371373	ENAH	chr1	0.148575033	- T2D risk	Body
cg00243880	CUX1	chr7	0.148619909	+ T2D risk	Body
cg09980118	GNA12	chr7	0.148667393	+ T2D risk	Body
cg09980118	GNA12	chr7	0.148667393	+ T2D risk	TSS1500
cg16490209	BCAT1	chr12	0.148752771	- T2D risk	Body
cg19717773	GNA12	chr7	0.148814496	- T2D risk	Body
cg16404047	NOTCH3	chr19	0.148861558	+ T2D risk	Body
cg25333826	RTN4	chr2	0.148873544	+ T2D risk	Body
cg25333826	RTN4	chr2	0.148873544	+ T2D risk	5'UTR
cg07117394	ATRNL1	chr10	0.14906536	- T2D risk	Body
cg01269617	CUX2	chr12	0.149128163	- T2D risk	Body
cg20792919	PDE7A	chr8	0.149192158	- T2D risk	Body
cg01289552	RET	chr10	0.149274316	- T2D risk	TSS1500
cg03204600	ARHGEF9	chrX	0.149276728	- T2D risk	TSS1500
cg10459548	CUX2	chr12	0.149341799	- T2D risk	Body
cg13347071	UNC80	chr2	0.149459772	- T2D risk	5'UTR
cg13347071	UNC80	chr2	0.149459772	- T2D risk	1stExon
cg16788234	NPAT	chr11	0.149503941	+ T2D risk	1stExon
cg16788234	NPAT	chr11	0.149503941	+ T2D risk	5'UTR
cg13788829	RET	chr10	0.149667073	+ T2D risk	Body
cg08327920	IFT74	chr9	0.14968974	+ T2D risk	TSS1500
cg00178149	WDR48	chr3	0.149895299	+ T2D risk	TSS200
cg06373726	FARSB	chr2	0.149991405	- T2D risk	Body
cg17761410	CUL1	chr7	0.150052286	- T2D risk	Body
cg12974607	ASB9	chrX	0.150186284	- T2D risk	3'UTR

cg12974607	ASB9	chrX	0.150186284	- T2D risk	Body
cg16860350	SEZ6L	chr22	0.150303391	+ T2D risk	Body
cg08388140	FLT1	chr13	0.150310592	+ T2D risk	Body
cg08817965	TOP2A	chr17	0.150371273	+ T2D risk	TSS200
cg21540848	CDK8	chr13	0.150387494	- T2D risk	TSS1500
cg15029192	GALK2	chr15	0.150402827	- T2D risk	TSS1500
cg10563213	TENM2	chr5	0.15041367	+ T2D risk	Body
cg00748375	ATP8A2	chr13	0.150556814	- T2D risk	Body
cg24809378	DIP2C	chr10	0.150828853	+ T2D risk	Body
cg10413151	CLEC16A	chr16	0.150913752	- T2D risk	Body
cg21264443	NGF	chr1	0.150943606	+ T2D risk	Body
cg21842778	ITPKB	chr1	0.150959771	+ T2D risk	Body
cg18898251	TSGA10	chr2	0.150992987	- T2D risk	5'UTR
cg26262197	CADM1	chr11	0.150998599	- T2D risk	Body
cg15463900	DACH1	chr13	0.151048629	- T2D risk	Body
cg00939947	RBM4	chr11	0.151086131	- T2D risk	TSS200
cg01890333	ULK4	chr3	0.151087299	+ T2D risk	Body
cg17792419	ANK3	chr10	0.15114892	- T2D risk	TSS1500
cg17792419	ANK3	chr10	0.15114892	- T2D risk	Body
cg23275463	NPAT	chr11	0.151171482	- T2D risk	Body
cg26600614	CALD1	chr7	0.151244244	- T2D risk	5'UTR
cg19391535	CUL1	chr7	0.151246602	- T2D risk	5'UTR
cg21333338	RAP1GAP2	chr17	0.151277603	+ T2D risk	Body
cg21374672	ATXN1	chr6	0.15132169	+ T2D risk	Body
cg00326908	PDE7A	chr8	0.151413187	+ T2D risk	TSS1500
cg02514398	DIP2C	chr10	0.151420122	+ T2D risk	Body
cg11352386	ZRANB1	chr10	0.151433754	+ T2D risk	Body
cg11352386	ZRANB1	chr10	0.151433754	+ T2D risk	ExonBnd
cg17504655	CLASP2	chr3	0.151476441	+ T2D risk	5'UTR
cg17504655	CLASP2	chr3	0.151476441	+ T2D risk	1stExon
cg24595440	RAP1GAP2	chr17	0.151694971	+ T2D risk	Body
cg07989678	DYNC1I2	chr2	0.151722764	+ T2D risk	TSS1500
cg19649083	CPLX2	chr5	0.151775747	+ T2D risk	5'UTR
cg17646571	KIAA1217	chr10	0.151834468	+ T2D risk	5'UTR
cg25076483	NUP98	chr11	0.151856985	+ T2D risk	Body
cg16856100	TBC1D5	chr3	0.152036369	- T2D risk	5'UTR
cg16856100	TBC1D5	chr3	0.152036369	- T2D risk	TSS1500
cg26232470	CALD1	chr7	0.152066884	+ T2D risk	Body
cg21247398	PRKAG2	chr7	0.152093055	+ T2D risk	TSS1500
cg17909019	PRKCE	chr2	0.152109413	- T2D risk	Body
cg03627261	ARL15	chr5	0.15227234	- T2D risk	Body
cg20547400	CUX1	chr7	0.152362132	- T2D risk	Body
cg25483907	ULK4	chr3	0.152698567	- T2D risk	Body
cg19784545	ANK2	chr4	0.152730592	- T2D risk	Body
cg05163475	CNTROB	chr17	0.152787445	- T2D risk	TSS1500
cg02404670	KREMEN1	chr22	0.152951849	- T2D risk	Body
cg02511809	APC	chr5	0.152990525	+ T2D risk	5'UTR
cg02511809	APC	chr5	0.152990525	+ T2D risk	TSS200
cg12457040	KCNIP3	chr2	0.153037739	+ T2D risk	TSS200
cg12457040	KCNIP3	chr2	0.153037739	+ T2D risk	Body
cg07064056	ANK3	chr10	0.153046102	- T2D risk	Body
cg27586655	SLIT3	chr5	0.153174318	+ T2D risk	Body
cg16188354	DENND4C	chr9	0.153311732	- T2D risk	Body
cg21743479	KIAA1217	chr10	0.15332963	- T2D risk	TSS1500
cg21743479	KIAA1217	chr10	0.15332963	- T2D risk	Body
cg03482521	ZHX2	chr8	0.1534294	+ T2D risk	5'UTR
cg23408372	SLC9A6	chrX	0.153538785	- T2D risk	Body
cg09800500	BCAT1	chr12	0.153614663	- T2D risk	Body
cg02437119	KIAA0232	chr4	0.153622001	+ T2D risk	5'UTR
cg09961254	DIP2C	chr10	0.153676202	+ T2D risk	Body
cg19324204	SGSM2	chr17	0.153693331	- T2D risk	Body
cg26544530	FLT1	chr13	0.153893731	+ T2D risk	Body
cg24864097	GRK5	chr10	0.153911242	+ T2D risk	Body
cg16618226	CLASP2	chr3	0.153919623	+ T2D risk	Body
cg16618226	CLASP2	chr3	0.153919623	+ T2D risk	TSS200
cg15081062	OXSM	chr3	0.154020733	- T2D risk	Body
cg15081062	NGLY1	chr3	0.154020733	- T2D risk	TSS1500
cg09981964	CNTNAP2	chr7	0.154122983	- T2D risk	Body
cg05432959	RAP2A	chr13	0.154222555	- T2D risk	Body
cg03418552	CADM1	chr11	0.154237203	+ T2D risk	TSS200

cg12601476	ANK3	chr10	0.15424267	- T2D risk	Body
cg16504278	CLEC16A	chr16	0.154258822	- T2D risk	Body
cg10748874	ANK3	chr10	0.154369919	- T2D risk	Body
cg00151370	ATXN1	chr6	0.154473958	+ T2D risk	Body
cg02354872	GLG1	chr16	0.154479741	+ T2D risk	Body
cg17497320	ENAH	chr1	0.154579382	- T2D risk	Body
cg09320924	SSBP2	chr5	0.154651816	+ T2D risk	Body
cg18026190	AMD1	chr6	0.15470183	- T2D risk	5'UTR
cg18026190	AMD1	chr6	0.15470183	- T2D risk	Body
cg06138703	CNTROB	chr17	0.154712714	+ T2D risk	Body
cg14010696	KDM4B	chr19	0.154737481	- T2D risk	Body
cg07295964	CPLX2	chr5	0.154756494	+ T2D risk	5'UTR
cg02643440	GRK5	chr10	0.154782535	- T2D risk	Body
cg21848407	TANC2	chr17	0.154861882	+ T2D risk	Body
cg15665812	GRK5	chr10	0.154946734	- T2D risk	Body
cg06061092	DIP2C	chr10	0.154972375	+ T2D risk	Body
cg17146950	EFR3A	chr8	0.15502934	- T2D risk	TSS1500
cg16835843	AGPAT3	chr21	0.155034505	+ T2D risk	5'UTR
cg07659663	CHID1	chr11	0.155154621	+ T2D risk	5'UTR
cg15043683	GLG1	chr16	0.155285527	- T2D risk	TSS200
cg03846704	CLEC16A	chr16	0.155381073	+ T2D risk	Body
cg22814879	ST20	chr15	0.155482336	- T2D risk	Body
cg20699102	PRKCE	chr2	0.155486124	+ T2D risk	Body
cg27505805	JPH2	chr20	0.155508696	+ T2D risk	TSS1500
cg03684893	DIP2C	chr10	0.155585148	- T2D risk	Body
cg17922432	DNAJC1	chr10	0.155639664	- T2D risk	Body
cg18470442	SLC30A8	chr8	0.155683482	+ T2D risk	5'UTR
cg20184887	NCOR1	chr17	0.15572372	+ T2D risk	5'UTR
cg01523767	ZHX2	chr8	0.155840363	+ T2D risk	5'UTR
cg01027929	HNRNPA2B1	chr7	0.155971922	+ T2D risk	TSS1500
cg12029753	ERC2	chr3	0.155986033	+ T2D risk	3'UTR
cg05798523	IMPA1	chr8	0.156089325	- T2D risk	5'UTR
cg05798523	IMPA1	chr8	0.156089325	- T2D risk	1stExon
cg18576318	CHKA	chr11	0.156135474	- T2D risk	TSS200
cg13239572	WIZ	chr19	0.156152267	- T2D risk	TSS200
cg01252455	CPLX2	chr5	0.15625877	+ T2D risk	5'UTR
cg10813296	PPFIBP1	chr12	0.156297208	+ T2D risk	TSS1500
cg08816290	CRYL1	chr13	0.156538945	+ T2D risk	Body
cg21544091	GRK5	chr10	0.156588689	+ T2D risk	Body
cg16419087	AMD1	chr6	0.15662466	+ T2D risk	TSS1500
cg19052193	TPCN1	chr12	0.156688328	- T2D risk	5'UTR
cg15095482	TANC2	chr17	0.156777068	+ T2D risk	Body
cg24332422	APC	chr5	0.156785424	+ T2D risk	5'UTR
cg07190246	MYO6	chr6	0.156846237	- T2D risk	Body
cg13589942	ERC2	chr3	0.156912838	+ T2D risk	Body
cg20597640	CLASP2	chr3	0.156962083	+ T2D risk	Body
cg04010712	ULK4	chr3	0.157242958	+ T2D risk	5'UTR
cg20611343	SLIT3	chr5	0.157314115	+ T2D risk	Body
cg12901078	ANK2	chr4	0.157354962	+ T2D risk	Body
cg02911489	GNA12	chr7	0.157590542	- T2D risk	Body
cg07242609	CLEC16A	chr16	0.157617421	- T2D risk	Body
cg08127539	TBC1D5	chr3	0.157683508	+ T2D risk	Body
cg00868847	PDE7A	chr8	0.157801451	+ T2D risk	TSS1500
cg16639342	GRK5	chr10	0.157876702	+ T2D risk	Body
cg10071852	DIP2C	chr10	0.157900352	+ T2D risk	Body
cg06311596	CTR9	chr11	0.157926844	- T2D risk	Body
cg27368891	TMEM150C	chr4	0.157978879	- T2D risk	5'UTR
cg24381100	GLG1	chr16	0.158119312	+ T2D risk	Body
cg24381100	GLG1	chr16	0.158119312	+ T2D risk	ExonBnd
cg17640486	ZHX2	chr8	0.158333212	+ T2D risk	5'UTR
cg00334362	PHACTR1	chr6	0.158339668	- T2D risk	Body
cg08665859	WDR48	chr3	0.158354086	- T2D risk	TSS1500
cg15534647	CMTR1	chr6	0.158407963	- T2D risk	ExonBnd
cg15534647	CMTR1	chr6	0.158407963	- T2D risk	Body
cg24949750	ASH1L	chr1	0.158458861	- T2D risk	TSS1500
cg22389528	SSBP2	chr5	0.158487683	- T2D risk	Body
cg22551357	SSBP2	chr5	0.158636443	+ T2D risk	Body
cg03987837	SGSM2	chr17	0.158642086	- T2D risk	Body
cg01728951	SKAP1	chr17	0.158713161	+ T2D risk	Body
cg05591513	SRPK2	chr7	0.158724725	+ T2D risk	Body

cg23479586	ARPP19	chr15	0.158737317	+ T2D risk	Body
cg23446277	ITPKB	chr1	0.158787036	- T2D risk	Body
cg05266796	ATXN1	chr6	0.158790164	+ T2D risk	5'UTR
cg24069962	PRKCE	chr2	0.15880203	+ T2D risk	Body
cg19234894	COL4A1	chr13	0.158899524	- T2D risk	Body
cg06102153	MGRN1	chr16	0.15894946	- T2D risk	1stExon
cg06102153	MGRN1	chr16	0.15894946	- T2D risk	5'UTR
cg26387072	CUX1	chr7	0.158964389	- T2D risk	Body
cg10728746	DDHD2	chr8	0.159018103	+ T2D risk	Body
cg19713175	CHKA	chr11	0.159132838	- T2D risk	TSS200
cg11331769	TAZ	chrX	0.159237272	+ T2D risk	TSS1500
cg06588466	UBL3	chr13	0.159256005	+ T2D risk	3'UTR
cg12534150	APC	chr5	0.159418178	+ T2D risk	1stExon
cg12534150	APC	chr5	0.159418178	+ T2D risk	5'UTR
cg11282705	PRKAG2	chr7	0.159526588	+ T2D risk	Body
cg00561610	SEMA3G	chr3	0.159587514	+ T2D risk	TSS1500
cg19420645	KDR	chr4	0.159675679	- T2D risk	Body
cg27382860	PRKAG2	chr7	0.159782647	+ T2D risk	Body
cg22607409	NGF	chr1	0.159943303	+ T2D risk	5'UTR
cg22693772	MAST1	chr19	0.159961329	- T2D risk	Body
cg03346378	TBC1D5	chr3	0.159968316	+ T2D risk	Body
cg25697242	TBC1D5	chr3	0.160063085	- T2D risk	Body
cg13697735	PLEKHG3	chr14	0.160200863	- T2D risk	5'UTR
cg09256836	FBXO11	chr2	0.160302172	- T2D risk	Body
cg14842970	NOL4	chr18	0.160326057	+ T2D risk	Body
cg05306109	ITPKB	chr1	0.160328285	+ T2D risk	Body
cg15464763	CUL1	chr7	0.160425699	- T2D risk	3'UTR
cg23178772	ATXN1	chr6	0.160455288	+ T2D risk	5'UTR
cg17334080	CUX1	chr7	0.160561253	- T2D risk	Body
cg05637308	NPAT	chr11	0.160598632	- T2D risk	Body
cg06035200	ZHX2	chr8	0.160635667	- T2D risk	5'UTR
cg02382666	CALD1	chr7	0.160765783	+ T2D risk	TSS1500
cg09346738	CLIC5	chr6	0.160786239	- T2D risk	Body
cg06594255	CTR9	chr11	0.160995854	- T2D risk	Body
cg27255456	ACSS2	chr20	0.161069776	- T2D risk	Body
cg14614917	ERC2	chr3	0.161166587	+ T2D risk	Body
cg15531497	FBXO11	chr2	0.161326075	- T2D risk	TSS1500
cg05508833	ARHGAP32	chr11	0.161328559	- T2D risk	Body
cg04069089	SLIT3	chr5	0.161367935	+ T2D risk	Body
cg22588640	KCNIP3	chr2	0.161602315	- T2D risk	5'UTR
cg22588640	KCNIP3	chr2	0.161602315	- T2D risk	1stExon
cg24438749	COL4A1	chr13	0.161635898	+ T2D risk	Body
cg23210514	KIAA0355	chr19	0.161730423	- T2D risk	5'UTR
cg04768557	ANK3	chr10	0.161811521	- T2D risk	Body
cg00856737	WDR48	chr3	0.161849203	- T2D risk	Body
cg15574263	CHID1	chr11	0.161899344	+ T2D risk	TSS1500
cg15574263	CHID1	chr11	0.161899344	+ T2D risk	5'UTR
cg14572805	TBC1D5	chr3	0.161923391	+ T2D risk	Body
cg15346619	DIP2C	chr10	0.162067122	- T2D risk	Body
cg19997218	ACTN4	chr19	0.162074439	+ T2D risk	Body
cg03843335	LMCD1	chr3	0.162140559	- T2D risk	5'UTR
cg03843335	LMCD1	chr3	0.162140559	- T2D risk	Body
cg05766539	ERC2	chr3	0.1622122	- T2D risk	3'UTR
cg20503117	ARL8B	chr3	0.162341751	+ T2D risk	5'UTR
cg20503117	ARL8B	chr3	0.162341751	+ T2D risk	1stExon
cg08744842	CLEC16A	chr16	0.162364227	+ T2D risk	Body
cg26827328	CDH22	chr20	0.162454833	- T2D risk	Body
cg13394717	DIP2C	chr10	0.162720033	+ T2D risk	Body
cg26001950	YWHAQ	chr2	0.162726561	+ T2D risk	Body
cg00977063	ATP8A2	chr13	0.162816251	+ T2D risk	Body
cg27237420	PACS2	chr14	0.16288386	+ T2D risk	Body
cg02578162	CREBBP	chr16	0.162965122	+ T2D risk	Body
cg13710027	WIZ	chr19	0.162973313	+ T2D risk	Body
cg06758255	TOX3	chr16	0.16297652	- T2D risk	Body
cg05881528	ZRANB1	chr10	0.163026857	- T2D risk	Body
cg08715207	EIF1AY	chrY	0.163069554	+ T2D risk	Body
cg04465474	KCNJ12	chr17	0.163231119	+ T2D risk	5'UTR
cg02518760	NOL4	chr18	0.163233966	+ T2D risk	Body
cg03639488	SPOCK1	chr5	0.163245559	- T2D risk	TSS1500
cg20294481	ATRN	chr20	0.163247274	+ T2D risk	Body

cg22378065	<i>PLAGL1</i>	chr6	0.163283795	+ T2D risk	5'UTR
cg14135174	<i>DNAH9</i>	chr17	0.163418655	- T2D risk	5'UTR
cg14135174	<i>DNAH9</i>	chr17	0.163418655	- T2D risk	Body
cg19088859	<i>TMEM59</i>	chr1	0.163426255	- T2D risk	TSS200
cg05724532	<i>WIZ</i>	chr19	0.163505151	- T2D risk	Body
cg21424270	<i>CLASP2</i>	chr3	0.163505785	- T2D risk	Body
cg21424270	<i>CLASP2</i>	chr3	0.163505785	- T2D risk	TSS200
cg04432493	<i>MET</i>	chr7	0.163799432	+ T2D risk	5'UTR
cg15313339	<i>PDLIM5</i>	chr4	0.1638719	- T2D risk	5'UTR
cg15313339	<i>PDLIM5</i>	chr4	0.1638719	- T2D risk	Body
cg08353054	<i>CCNB1</i>	chr5	0.163886147	- T2D risk	Body
cg24537231	<i>SNX4</i>	chr3	0.164036299	- T2D risk	TSS200
cg00951422	<i>NOTCH3</i>	chr19	0.164057868	- T2D risk	TSS200
cg09874796	<i>DIP2C</i>	chr10	0.164102681	- T2D risk	Body
cg00147126	<i>TJP1</i>	chr15	0.164134499	- T2D risk	TSS200
cg00147126	<i>TJP1</i>	chr15	0.164134499	- T2D risk	Body
cg09434738	<i>DIP2C</i>	chr10	0.164429974	+ T2D risk	Body
cg21096468	<i>APC</i>	chr5	0.16467096	- T2D risk	Body
cg18723276	<i>USP29</i>	chr19	0.164698168	- T2D risk	TSS1500
cg01583866	<i>TMEM219</i>	chr16	0.164788116	+ T2D risk	3'UTR
cg00366722	<i>MEIS2</i>	chr15	0.164855557	- T2D risk	TSS200
cg00366722	<i>MEIS2</i>	chr15	0.164855557	- T2D risk	TSS1500
cg16647164	<i>CLIC5</i>	chr6	0.164904278	- T2D risk	TSS1500
cg16647164	<i>CLIC5</i>	chr6	0.164904278	- T2D risk	Body
cg16970232	<i>APC</i>	chr5	0.164926774	+ T2D risk	5'UTR
cg16970232	<i>APC</i>	chr5	0.164926774	+ T2D risk	TSS200
cg02207200	<i>SLC7A2</i>	chr8	0.165011639	- T2D risk	TSS1500
cg14648916	<i>CPLX2</i>	chr5	0.165046023	- T2D risk	5'UTR
cg06008844	<i>ANK3</i>	chr10	0.165221176	- T2D risk	Body
cg23921304	<i>PICALM</i>	chr11	0.165267517	+ T2D risk	Body
cg06899186	<i>CUL1</i>	chr7	0.165367622	- T2D risk	TSS1500
cg21068871	<i>FBXL2</i>	chr3	0.165523279	- T2D risk	Body
cg00584602	<i>WDR47</i>	chr1	0.165539636	- T2D risk	5'UTR
cg02691005	<i>PDE3A</i>	chr12	0.165597271	+ T2D risk	Body
cg23117592	<i>UNC80</i>	chr2	0.165611446	+ T2D risk	Body
cg25841625	<i>SCARB2</i>	chr4	0.165644025	- T2D risk	Body
cg01211801	<i>ROBO2</i>	chr3	0.165748358	+ T2D risk	Body
cg20277616	<i>NF1</i>	chr17	0.165751774	+ T2D risk	3'UTR
cg24645635	<i>MYO6</i>	chr6	0.16587792	+ T2D risk	5'UTR
cg04953935	<i>ERC2</i>	chr3	0.165979704	- T2D risk	Body
cg01823172	<i>PLAGL1</i>	chr6	0.16615901	+ T2D risk	5'UTR
cg06998038	<i>PLEKHG3</i>	chr14	0.166175878	+ T2D risk	Body
cg12647142	<i>HNRNPA2B1</i>	chr7	0.166378118	- T2D risk	TSS1500
cg05648614	<i>ARL8B</i>	chr3	0.166396888	+ T2D risk	Body
cg22862116	<i>ROBO2</i>	chr3	0.166515732	+ T2D risk	5'UTR
cg22862116	<i>ROBO2</i>	chr3	0.166515732	+ T2D risk	Body
cg01669247	<i>SEC31A</i>	chr4	0.16655445	- T2D risk	ExonBnd
cg01669247	<i>SEC31A</i>	chr4	0.16655445	- T2D risk	Body
cg26025358	<i>ATP8A1</i>	chr4	0.166610663	- T2D risk	Body
cg13443720	<i>SRPK2</i>	chr7	0.166628118	- T2D risk	TSS200
cg13443720	<i>SRPK2</i>	chr7	0.166628118	- T2D risk	Body
cg15177103	<i>TMEM131</i>	chr2	0.166640112	+ T2D risk	Body
cg05115314	<i>AGPAT3</i>	chr21	0.166656399	+ T2D risk	5'UTR
cg22497575	<i>TSC22D1</i>	chr13	0.166822782	- T2D risk	Body
cg25788857	<i>WWP2</i>	chr16	0.166828248	- T2D risk	TSS200
cg25788857	<i>WWP2</i>	chr16	0.166828248	- T2D risk	Body
cg26832820	<i>TMEM131</i>	chr2	0.166875609	- T2D risk	Body
cg06398242	<i>PRKCE</i>	chr2	0.166895054	+ T2D risk	Body
cg11382248	<i>RAP1GAP2</i>	chr17	0.167052648	- T2D risk	Body
cg26917828	<i>ITPKB</i>	chr1	0.167057404	+ T2D risk	Body
cg17504742	<i>TTC28</i>	chr22	0.167108411	+ T2D risk	Body
cg03075156	<i>PRKCE</i>	chr2	0.16714282	+ T2D risk	Body
cg17311927	<i>NF1</i>	chr17	0.167157266	- T2D risk	TSS1500
cg12475686	<i>ANK3</i>	chr10	0.16720729	+ T2D risk	Body
cg18827345	<i>CHKA</i>	chr11	0.167219768	+ T2D risk	Body
cg01211627	<i>ERC2</i>	chr3	0.167247778	- T2D risk	Body
cg11747820	<i>PTPRU</i>	chr1	0.167275101	- T2D risk	Body
cg24327955	<i>ATRN</i>	chr20	0.167314802	+ T2D risk	Body
cg04980297	<i>MDM1</i>	chr12	0.167361543	- T2D risk	Body
cg10921916	<i>PRKCB</i>	chr16	0.167400369	+ T2D risk	Body

cg02839273	<i>PDE8A</i>	chr15	0.167433528	+ T2D risk	5'UTR
cg02839273	<i>PDE8A</i>	chr15	0.167433528	+ T2D risk	1stExon
cg25447269	<i>EFCAB14</i>	chr1	0.167618762	- T2D risk	Body
cg06023646	<i>WDR48</i>	chr3	0.167661651	- T2D risk	1stExon
cg01516459	<i>PHACTR1</i>	chr6	0.167688276	+ T2D risk	Body
cg13441429	<i>CCNB1</i>	chr5	0.167746498	- T2D risk	TSS1500
cg00456685	<i>FBXL2</i>	chr3	0.16783736	- T2D risk	Body
cg06379340	<i>UNC80</i>	chr2	0.167889283	- T2D risk	3'UTR
cg00961127	<i>DIP2C</i>	chr10	0.167980297	+ T2D risk	Body
cg12712074	<i>NF1</i>	chr17	0.167986864	- T2D risk	Body
cg18372600	<i>KIAA1217</i>	chr10	0.167990968	- T2D risk	3'UTR
cg13865402	<i>PPP1R12A</i>	chr12	0.167992931	+ T2D risk	Body
cg06955189	<i>ERC2</i>	chr3	0.168073709	+ T2D risk	Body
cg24990275	<i>TBC1D5</i>	chr3	0.168196056	- T2D risk	Body
cg10740902	<i>KDR</i>	chr4	0.168281785	- T2D risk	1stExon
cg10740902	<i>KDR</i>	chr4	0.168281785	- T2D risk	5'UTR
cg16949378	<i>SGSM2</i>	chr17	0.168303637	+ T2D risk	Body
cg26244472	<i>FNIP2</i>	chr4	0.168306818	+ T2D risk	TSS1500
cg22305257	<i>SLIT3</i>	chr5	0.168351399	- T2D risk	1stExon
cg22305257	<i>SLIT3</i>	chr5	0.168351399	- T2D risk	5'UTR
cg23502275	<i>ANK2</i>	chr4	0.16846156	- T2D risk	5'UTR
cg05116088	<i>ATP6V1H</i>	chr8	0.168718539	+ T2D risk	Body
cg19932792	<i>DYNC111</i>	chr7	0.168721039	- T2D risk	TSS200
cg16736863	<i>GLG1</i>	chr16	0.168724429	- T2D risk	3'UTR
cg16736863	<i>GLG1</i>	chr16	0.168724429	- T2D risk	Body
cg24762861	<i>TTC28</i>	chr22	0.168777061	- T2D risk	Body
cg14300048	<i>APBA1</i>	chr9	0.168803295	+ T2D risk	3'UTR
cg01230796	<i>SCGN</i>	chr6	0.168846664	- T2D risk	1stExon
cg07223626	<i>STX6</i>	chr1	0.168856272	- T2D risk	Body
cg13338685	<i>PACRG</i>	chr6	0.16886838	- T2D risk	Body
cg16934595	<i>RTN4</i>	chr2	0.168977849	+ T2D risk	Body
cg04349438	<i>TTC28</i>	chr22	0.169258434	- T2D risk	Body
cg13303328	<i>DIP2C</i>	chr10	0.169390286	+ T2D risk	Body
cg23935746	<i>CCNB1</i>	chr5	0.169457569	+ T2D risk	1stExon
cg23935746	<i>CCNB1</i>	chr5	0.169457569	+ T2D risk	5'UTR
cg03716590	<i>DYNC111</i>	chr7	0.16951343	- T2D risk	Body
cg23401684	<i>YWHAQ</i>	chr2	0.169521882	- T2D risk	TSS1500
cg12313215	<i>ARIH1</i>	chr15	0.169534364	- T2D risk	Body
cg06688642	<i>DNAJC1</i>	chr10	0.169608409	- T2D risk	Body
cg27222667	<i>TSC2D1</i>	chr13	0.169633457	- T2D risk	Body
cg18967371	<i>CMTR1</i>	chr6	0.169679229	- T2D risk	5'UTR
cg03323793	<i>PRKAG2</i>	chr7	0.169726292	+ T2D risk	Body
cg17459557	<i>NCOA7</i>	chr6	0.169767195	- T2D risk	Body
cg18394062	<i>SLC29A4</i>	chr7	0.169833181	+ T2D risk	Body
cg04286425	<i>TTC28</i>	chr22	0.169861055	- T2D risk	Body
cg12034963	<i>SPAG9</i>	chr17	0.169898883	+ T2D risk	Body
cg12034963	<i>SPAG9</i>	chr17	0.169898883	+ T2D risk	TSS1500
cg05066075	<i>RHOA</i>	chr3	0.169908141	+ T2D risk	5'UTR
cg19685106	<i>ANK2</i>	chr4	0.169927683	- T2D risk	TSS1500
cg16220788	<i>PHF21A</i>	chr11	0.16993128	+ T2D risk	Body
cg06862080	<i>ITPKB</i>	chr1	0.169949111	+ T2D risk	Body
cg01299932	<i>ATXN1</i>	chr6	0.1701547	- T2D risk	5'UTR
cg01287200	<i>CDK8</i>	chr13	0.170209561	+ T2D risk	Body
cg06058828	<i>PHF21A</i>	chr11	0.170230345	- T2D risk	Body
cg11670802	<i>DIP2C</i>	chr10	0.170243016	+ T2D risk	Body
cg10430155	<i>CMTR1</i>	chr6	0.170251596	- T2D risk	Body
cg05443740	<i>KCNIP3</i>	chr2	0.170364951	+ T2D risk	TSS200
cg24313217	<i>SEC31A</i>	chr4	0.170415669	+ T2D risk	Body
cg04355432	<i>SLC30A8</i>	chr8	0.170510653	- T2D risk	5'UTR
cg17240934	<i>DIP2C</i>	chr10	0.170579736	- T2D risk	Body
cg26924544	<i>PHACTR1</i>	chr6	0.170613185	- T2D risk	Body
cg19258565	<i>PACRG</i>	chr6	0.17068319	- T2D risk	Body
cg04001714	<i>KCNIP3</i>	chr2	0.170828871	+ T2D risk	Body
cg25123083	<i>PACS1</i>	chr11	0.170876951	+ T2D risk	Body
cg01669517	<i>ATXN1</i>	chr6	0.171041712	+ T2D risk	Body
cg00422643	<i>PRKACB</i>	chr1	0.171076875	- T2D risk	Body
cg09565111	<i>ATP8A2</i>	chr13	0.171109589	+ T2D risk	Body
cg26031947	<i>AMD1</i>	chr6	0.171328122	- T2D risk	5'UTR
cg15942950	<i>ASH1L</i>	chr1	0.171350365	+ T2D risk	Body
cg10814190	<i>TSGA10</i>	chr2	0.171388955	+ T2D risk	TSS1500

cg10814190	TSGA10	chr2	0.171388955	+ T2D risk	5'UTR
cg08660379	NCOR1	chr17	0.171486505	- T2D risk	Body
cg06831761	SRPK2	chr7	0.171491609	- T2D risk	Body
cg22005389	PHACTR1	chr6	0.171628568	- T2D risk	Body
cg11427848	PDLIM5	chr4	0.171656843	- T2D risk	5'UTR
cg11427848	PDLIM5	chr4	0.171656843	- T2D risk	Body
cg05314271	HMBX1	chr8	0.171778349	+ T2D risk	TSS1500
cg20628344	RHOA	chr3	0.171821116	+ T2D risk	TSS1500
cg01656421	NOL4	chr18	0.171827675	- T2D risk	5'UTR
cg01656421	NOL4	chr18	0.171827675	- T2D risk	Body
cg01656421	NOL4	chr18	0.171827675	- T2D risk	1stExon
cg13336350	TSHZ1	chr18	0.171888866	+ T2D risk	5'UTR
cg13336350	TSHZ1	chr18	0.171888866	+ T2D risk	Body
cg15751214	PHACTR1	chr6	0.171946948	- T2D risk	Body
cg23144846	PRKCE	chr2	0.171991692	- T2D risk	Body
cg13660126	DIP2C	chr10	0.172007015	- T2D risk	Body
cg01716016	CUX1	chr7	0.172013405	+ T2D risk	Body
cg14042137	LMX1B	chr9	0.172046413	- T2D risk	Body
cg12184994	DIP2C	chr10	0.172075099	+ T2D risk	Body
cg02896073	NOL4	chr18	0.172076344	+ T2D risk	Body
cg01767396	ATP8A2	chr13	0.172119255	- T2D risk	Body
cg14449571	FARSB	chr2	0.172185294	- T2D risk	TSS200
cg11597887	PRKD1	chr14	0.172321349	- T2D risk	Body
cg14453327	SRPK2	chr7	0.172391561	- T2D risk	Body
cg25520488	TANC2	chr17	0.172419924	- T2D risk	Body
cg16915506	ANK3	chr10	0.17242835	+ T2D risk	TSS1500
cg16915506	ANK3	chr10	0.17242835	+ T2D risk	Body
cg05608281	GRK5	chr10	0.172480645	- T2D risk	Body
cg13921196	MYO6	chr6	0.172516798	- T2D risk	Body
cg07486170	CLEC16A	chr16	0.172676098	- T2D risk	Body
cg05530566	SCAF8	chr6	0.172681717	+ T2D risk	Body
cg03891849	KCNIP3	chr2	0.172694454	- T2D risk	TSS200
cg11230968	SKAP1	chr17	0.172717336	- T2D risk	Body
cg09402611	ARL15	chr5	0.172742064	+ T2D risk	Body
cg12147606	SLIT3	chr5	0.172748284	+ T2D risk	Body
cg09191173	NPAT	chr11	0.172827019	- T2D risk	Body
cg20652759	DIP2C	chr10	0.172893283	+ T2D risk	Body
cg04615850	KDM4B	chr19	0.172926588	+ T2D risk	Body
cg09229912	CUX2	chr12	0.172962026	- T2D risk	1stExon
cg09229912	CUX2	chr12	0.172962026	- T2D risk	5'UTR
cg07073096	GNA12	chr7	0.172999069	+ T2D risk	Body
cg25887684	RBM4	chr11	0.173003845	- T2D risk	Body
cg06933370	MEIS2	chr15	0.173098656	- T2D risk	Body
cg05932517	RAP1GAP2	chr17	0.173155572	- T2D risk	Body
cg26580895	SKAP1	chr17	0.173201901	+ T2D risk	TSS200
cg14928941	ATXN1	chr6	0.173243621	+ T2D risk	5'UTR
cg23828876	PCYT1A	chr3	0.173245924	- T2D risk	5'UTR
cg05664105	GRK5	chr10	0.173274337	+ T2D risk	Body
cg01665880	NCOA7	chr6	0.173342694	- T2D risk	5'UTR
cg00797500	PACRG	chr6	0.173522512	+ T2D risk	Body
cg07488073	ARIH1	chr15	0.173524601	- T2D risk	TSS1500
cg04055053	DIP2C	chr10	0.173537545	+ T2D risk	Body
cg02762892	SLC29A4	chr7	0.173702544	+ T2D risk	Body
cg11425149	CALD1	chr7	0.173778882	- T2D risk	TSS1500
cg03770437	KDM4B	chr19	0.173897906	+ T2D risk	5'UTR
cg08575682	CUL1	chr7	0.174008156	+ T2D risk	Body
cg02046187	GLG1	chr16	0.17403511	+ T2D risk	Body
cg19843411	PHF21A	chr11	0.174122765	+ T2D risk	5'UTR
cg19843411	PHF21A	chr11	0.174122765	+ T2D risk	1stExon
cg01625418	CDK8	chr13	0.174278353	+ T2D risk	Body
cg19958057	MET	chr7	0.174417229	+ T2D risk	1stExon
cg19958057	MET	chr7	0.174417229	+ T2D risk	5'UTR
cg15053022	ATP4A	chr19	0.174457124	- T2D risk	Body
cg11754846	ST8SIA1	chr12	0.174489699	- T2D risk	TSS1500
cg25007384	KDM4B	chr19	0.174522246	+ T2D risk	5'UTR
cg01089319	GAD1	chr2	0.174639354	- T2D risk	Body
cg01445459	SH3GL2	chr9	0.174701627	+ T2D risk	Body
cg16856431	PDE5A	chr4	0.174734488	+ T2D risk	Body
cg16856431	PDE5A	chr4	0.174734488	+ T2D risk	TSS200
cg16856431	PDE5A	chr4	0.174734488	+ T2D risk	TSS1500

cg19547929	NOTCH3	chr19	0.174862109	+ T2D risk	TSS1500
cg17055252	PRKCE	chr2	0.175023308	+ T2D risk	Body
cg23135138	KREMEN1	chr22	0.175087923	+ T2D risk	Body
cg12848345	CADM1	chr11	0.175144643	+ T2D risk	Body
cg10501128	FLT1	chr13	0.17539195	- T2D risk	5'UTR
cg10501128	FLT1	chr13	0.17539195	- T2D risk	1stExon
cg02248826	TJP1	chr15	0.175437638	+ T2D risk	TSS1500
cg22529607	PDE8A	chr15	0.175439334	+ T2D risk	Body
cg00315816	PRKAG2	chr7	0.175553531	- T2D risk	5'UTR
cg00315816	PRKAG2	chr7	0.175553531	- T2D risk	Body
cg04975376	ATXN1	chr6	0.175598187	- T2D risk	TSS1500
cg19852344	CHFR	chr12	0.175787268	- T2D risk	5'UTR
cg02036943	PLEKHG3	chr14	0.17583865	- T2D risk	TSS200
cg04885799	SRPK2	chr7	0.175861474	+ T2D risk	Body
cg26159934	SRPK2	chr7	0.176006232	- T2D risk	TSS200
cg05356782	PACS1	chr11	0.176063574	+ T2D risk	Body
cg20988215	TMEM131	chr2	0.176301814	- T2D risk	Body
cg01419499	EFR3A	chr8	0.176417245	+ T2D risk	Body
cg00174179	RHOA	chr3	0.176457227	- T2D risk	TSS1500
cg15500907	LAMA4	chr6	0.176547726	- T2D risk	Body
cg27634682	TAB2	chr6	0.176691801	+ T2D risk	Body
cg06676271	SCAF11	chr12	0.176704858	- T2D risk	Body
cg23780110	ASXL2	chr2	0.176733271	- T2D risk	Body
cg02381687	PHACTR1	chr6	0.176870249	+ T2D risk	Body
cg24951593	NUP98	chr11	0.176889747	- T2D risk	5'UTR
cg18194110	DIP2C	chr10	0.176910919	+ T2D risk	Body
cg15125476	HMBOX1	chr8	0.176950548	+ T2D risk	Body
cg07874507	KIAA1217	chr10	0.176979533	- T2D risk	5'UTR
cg07874507	KIAA1217	chr10	0.176979533	- T2D risk	Body
cg00146225	RGS7	chr1	0.177038251	- T2D risk	Body
cg05161529	NF1	chr17	0.177058887	- T2D risk	3'UTR
cg03547487	HNRNPA2B1	chr7	0.177171654	+ T2D risk	TSS200
cg08577213	RSF1	chr11	0.177208693	- T2D risk	Body
cg15430743	NOL4	chr18	0.177213823	- T2D risk	Body
cg10775173	PRKAG2	chr7	0.177216696	- T2D risk	Body
cg20584926	SLIT3	chr5	0.177287361	- T2D risk	Body
cg00780578	FAM155B	chrX	0.177428953	- T2D risk	Body
cg09900084	MAN1A2	chr1	0.177456877	+ T2D risk	Body
cg02784956	CLASP2	chr3	0.17764008	+ T2D risk	Body
cg26035031	SCAF11	chr12	0.177640593	- T2D risk	Body
cg06478943	PDE8A	chr15	0.177668654	+ T2D risk	Body
cg00263307	NF1	chr17	0.177712683	+ T2D risk	Body
cg19533147	CALD1	chr7	0.177886932	+ T2D risk	5'UTR
cg08598454	BCAT1	chr12	0.17791576	+ T2D risk	Body
cg08598454	BCAT1	chr12	0.17791576	+ T2D risk	TSS200
cg08598454	BCAT1	chr12	0.17791576	+ T2D risk	TSS1500
cg17690975	MYO6	chr6	0.177928556	- T2D risk	Body
cg25937056	ADCY5	chr3	0.177947211	+ T2D risk	Body
cg25937056	ADCY5	chr3	0.177947211	+ T2D risk	TSS1500
cg25490301	MMS19	chr10	0.178125328	+ T2D risk	Body
cg05412222	PACS2	chr14	0.178138008	+ T2D risk	Body
cg11166823	AGPAT3	chr21	0.178180305	- T2D risk	TSS1500
cg22913462	ADCY5	chr3	0.178198291	- T2D risk	Body
cg22913462	ADCY5	chr3	0.178198291	- T2D risk	TSS1500
cg24743283	GNA12	chr7	0.178231121	+ T2D risk	TSS1500
cg23019039	ARL15	chr5	0.178271245	+ T2D risk	Body
cg12469633	KREMEN1	chr22	0.178396553	- T2D risk	Body
cg04281649	TMEM131	chr2	0.178451721	+ T2D risk	TSS1500
cg05819837	CUX1	chr7	0.178462935	- T2D risk	Body
cg06902844	PICALM	chr11	0.178624286	+ T2D risk	Body
cg21870662	SGSM2	chr17	0.178660631	- T2D risk	Body
cg25384748	INPP4A	chr2	0.178685083	- T2D risk	Body
cg25320221	SMG7	chr1	0.178753014	- T2D risk	TSS1500
cg02681695	CLEC16A	chr16	0.178779035	- T2D risk	Body
cg03434384	PPFIBP1	chr12	0.178940181	- T2D risk	5'UTR
cg12502012	SLC30A8	chr8	0.179010309	+ T2D risk	5'UTR
cg04737843	ATXN1	chr6	0.179075053	+ T2D risk	5'UTR
cg22370057	PHACTR1	chr6	0.179156144	+ T2D risk	Body
cg11692369	ATP6V1H	chr8	0.179172047	- T2D risk	TSS200
cg11692369	ATP6V1H	chr8	0.179172047	- T2D risk	TSS1500

cg21753973	CPLX2	chr5	0.179180823	- T2D risk	5'UTR
cg16304493	TTC28	chr22	0.179241217	- T2D risk	Body
cg02013762	CDH22	chr20	0.179273758	+ T2D risk	Body
cg10683641	GLG1	chr16	0.179311255	- T2D risk	Body
cg05046371	GNA12	chr7	0.17947273	+ T2D risk	3'UTR
cg02449091	FAM160A1	chr4	0.179658178	- T2D risk	5'UTR
cg26571196	PRKAG2	chr7	0.179779097	- T2D risk	5'UTR
cg26571196	PRKAG2	chr7	0.179779097	- T2D risk	Body
cg12485783	SKAP1	chr17	0.179779763	+ T2D risk	Body
cg02666129	SPOCK1	chr5	0.179813928	+ T2D risk	Body
cg22032364	ATP8A2	chr13	0.179873983	+ T2D risk	Body
cg16364296	ATXN1	chr6	0.179963758	+ T2D risk	5'UTR
cg05256688	WIZ	chr19	0.179967806	+ T2D risk	Body
cg03650840	DYNC1I2	chr2	0.180095147	+ T2D risk	5'UTR
cg03650840	DYNC1I2	chr2	0.180095147	+ T2D risk	TSS200
cg03650840	DYNC1I2	chr2	0.180095147	+ T2D risk	1stExon
cg21701823	RNF217	chr6	0.180241611	+ T2D risk	Body
cg03943594	DIP2C	chr10	0.180253979	- T2D risk	Body
cg00288050	MAST1	chr19	0.180362872	- T2D risk	Body
cg23078782	KREMEN1	chr22	0.18036791	+ T2D risk	Body
cg04245731	NCOR1	chr17	0.180371759	+ T2D risk	Body
cg23930313	BCAT1	chr12	0.18042223	+ T2D risk	Body
cg20745134	RSF1	chr11	0.180451294	- T2D risk	TSS1500
cg27081107	DIP2C	chr10	0.180455299	+ T2D risk	Body
cg13744954	WIZ	chr19	0.180484901	+ T2D risk	Body
cg18559471	PPP1R12A	chr12	0.180551838	- T2D risk	Body
cg19765175	DIP2C	chr10	0.180601711	+ T2D risk	Body
cg25457744	MYO6	chr6	0.180602956	+ T2D risk	Body
cg19027571	CHFR	chr12	0.180729585	- T2D risk	Body
cg02775353	CUX1	chr7	0.180772967	+ T2D risk	Body
cg00735398	SKAP1	chr17	0.180777497	- T2D risk	Body
cg03786933	NQO1	chr16	0.180790275	- T2D risk	5'UTR
cg03786933	NQO1	chr16	0.180790275	- T2D risk	1stExon
cg17242812	DIP2C	chr10	0.180940463	- T2D risk	Body
cg16592301	PRKD1	chr14	0.180949473	+ T2D risk	Body
cg17434943	SEC31A	chr4	0.180955448	- T2D risk	TSS1500
cg17217059	FAM160A1	chr4	0.181005827	+ T2D risk	TSS1500
cg08841898	PPFIBP1	chr12	0.181046567	- T2D risk	5'UTR
cg16037930	SEZ6L	chr22	0.181244704	+ T2D risk	Body
cg01909588	SLC29A4	chr7	0.181281976	+ T2D risk	Body
cg12411965	INPP4A	chr2	0.181419865	- T2D risk	Body
cg24082339	TENM2	chr5	0.181449664	- T2D risk	Body
cg18018034	PLEKHG3	chr14	0.181608956	- T2D risk	1stExon
cg18018034	PLEKHG3	chr14	0.181608956	- T2D risk	5'UTR
cg16481013	TJP1	chr15	0.1816825	- T2D risk	Body
cg10921334	MAN1A1	chr6	0.181706678	- T2D risk	Body
cg13171934	RAP1GAP2	chr17	0.181770722	+ T2D risk	Body
cg02654987	USP53	chr4	0.181927208	- T2D risk	5'UTR
cg16925893	USP53	chr4	0.181986213	- T2D risk	TSS1500
cg26352143	POLA1	chrX	0.18202606	+ T2D risk	Body
cg00049674	ADCY5	chr3	0.182028361	+ T2D risk	Body
cg15600279	DDC	chr7	0.182083156	+ T2D risk	3'UTR
cg26356782	PHACTR1	chr6	0.182204055	+ T2D risk	Body
cg12555895	ARHGAP32	chr11	0.182414492	- T2D risk	5'UTR
cg12555895	ARHGAP32	chr11	0.182414492	- T2D risk	Body
cg12676680	ZHX2	chr8	0.182440395	+ T2D risk	5'UTR
cg20429277	CUL1	chr7	0.182450776	- T2D risk	5'UTR
cg01130406	ANK2	chr4	0.182605748	+ T2D risk	1stExon
cg01130406	ANK2	chr4	0.182605748	+ T2D risk	5'UTR
cg08272281	ARID2	chr12	0.182655216	+ T2D risk	Body
cg14125707	LMX1B	chr9	0.182687415	- T2D risk	Body
cg08783695	DIP2C	chr10	0.182800782	+ T2D risk	Body
cg13691737	GRK5	chr10	0.182873026	- T2D risk	Body
cg22534925	SRPK2	chr7	0.1828874	+ T2D risk	TSS1500
cg01204939	GALK2	chr15	0.182888537	+ T2D risk	5'UTR
cg01204939	GALK2	chr15	0.182888537	+ T2D risk	Body
cg13625881	APC	chr5	0.182894237	+ T2D risk	Body
cg25413188	ATP4A	chr19	0.182919228	+ T2D risk	5'UTR
cg25413188	ATP4A	chr19	0.182919228	+ T2D risk	1stExon
cg18201385	UBL3	chr13	0.182930182	- T2D risk	Body

cg07537523	BCAT1	chr12	0.182960387	+ T2D risk	TSS200
cg16925207	TSHZ1	chr18	0.182983938	- T2D risk	5'UTR
cg16925207	TSHZ1	chr18	0.182983938	- T2D risk	Body
cg26284917	PDK1	chr2	0.183044496	+ T2D risk	TSS1500
cg02793451	TOX3	chr16	0.183058332	- T2D risk	TSS1500
cg11429262	ITGB1	chr10	0.183107097	+ T2D risk	5'UTR
cg00179844	TMEM131	chr2	0.18317781	+ T2D risk	Body
cg23992886	MET	chr7	0.183274011	+ T2D risk	Body
cg10967532	PACS2	chr14	0.183305883	- T2D risk	Body
cg03815879	SEZ6L	chr22	0.183331682	- T2D risk	Body
cg18089847	CUX2	chr12	0.183358209	- T2D risk	Body
cg26154135	UXS1	chr2	0.18338013	- T2D risk	ExonBnd
cg26154135	UXS1	chr2	0.18338013	- T2D risk	Body
cg04869538	SLC30A8	chr8	0.183445874	+ T2D risk	5'UTR
cg04795779	CHID1	chr11	0.183509471	- T2D risk	5'UTR
cg04795779	CHID1	chr11	0.183509471	- T2D risk	TSS200
cg18835653	NOL4	chr18	0.183526757	- T2D risk	Body
cg00163554	DIP2C	chr10	0.183584105	- T2D risk	Body
cg14100005	PRKAG2	chr7	0.183622814	- T2D risk	5'UTR
cg14100005	PRKAG2	chr7	0.183622814	- T2D risk	Body
cg01591487	PRKAG2	chr7	0.183785432	+ T2D risk	Body
cg26624398	SLIT3	chr5	0.183986072	- T2D risk	Body
cg20478190	CLEC16A	chr16	0.183999916	- T2D risk	Body
cg08316955	CHID1	chr11	0.184009445	+ T2D risk	ExonBnd
cg08316955	CHID1	chr11	0.184009445	+ T2D risk	Body
cg09923648	DIP2C	chr10	0.184050796	+ T2D risk	Body
cg18200749	ULK4	chr3	0.184304782	- T2D risk	Body
cg07677047	PDLIM5	chr4	0.184326081	- T2D risk	3'UTR
cg07677047	PDLIM5	chr4	0.184326081	- T2D risk	Body
cg21351830	RSF1	chr11	0.18439286	+ T2D risk	Body
cg26918510	SVIP	chr11	0.184760062	- T2D risk	TSS200
cg01268541	ANK2	chr4	0.184950103	- T2D risk	TSS200
cg01268541	ANK2	chr4	0.184950103	- T2D risk	Body
cg06772829	PACS1	chr11	0.184989721	- T2D risk	Body
cg10072168	PACRG	chr6	0.185039135	+ T2D risk	Body
cg01392878	MGRN1	chr16	0.185053702	+ T2D risk	Body
cg22776362	TJP1	chr15	0.185057758	- T2D risk	Body
cg26142723	SPAG9	chr17	0.185096671	+ T2D risk	3'UTR
cg00846554	PHACTR1	chr6	0.185116309	- T2D risk	Body
cg17392018	CALD1	chr7	0.18513611	- T2D risk	Body
cg05679867	PDE3A	chr12	0.185393263	- T2D risk	Body
cg00739112	RHOQ	chr2	0.18541563	+ T2D risk	TSS1500
cg16986485	INPP4A	chr2	0.18550151	+ T2D risk	5'UTR
cg15584755	RNF157	chr17	0.185633622	- T2D risk	Body
cg17574803	ENAH	chr1	0.185717345	- T2D risk	Body
cg10913777	MMS19	chr10	0.186046892	+ T2D risk	TSS200
cg10802936	RET	chr10	0.186269354	+ T2D risk	Body
cg11565358	DIP2C	chr10	0.186297509	+ T2D risk	Body
cg12070221	ANK3	chr10	0.186306145	+ T2D risk	Body
cg08992366	DNAJC1	chr10	0.186480232	+ T2D risk	TSS1500
cg00375389	ENAH	chr1	0.186599607	- T2D risk	Body
cg22949170	UBE2K	chr4	0.186629165	+ T2D risk	Body
cg21803983	ATRN	chr20	0.186651269	- T2D risk	Body
cg21272363	CNTNAP2	chr7	0.186687371	+ T2D risk	Body
cg25718276	PACS2	chr14	0.186707874	- T2D risk	TSS1500
cg10430673	RSF1	chr11	0.18671928	- T2D risk	Body
cg10425245	SLIT3	chr5	0.186725585	- T2D risk	Body
cg03310939	CUX1	chr7	0.186811698	+ T2D risk	Body
cg11407198	KDM4B	chr19	0.187065823	+ T2D risk	Body
cg18243661	GRK5	chr10	0.187072911	- T2D risk	Body
cg04109745	KDM4B	chr19	0.187091844	- T2D risk	Body
cg23528787	PDLIM5	chr4	0.187134894	+ T2D risk	5'UTR
cg23528787	PDLIM5	chr4	0.187134894	+ T2D risk	Body
cg20108695	CUX2	chr12	0.187201936	- T2D risk	Body
cg04322429	RET	chr10	0.187222578	+ T2D risk	Body
cg02735557	SPAG9	chr17	0.187239388	- T2D risk	Body
cg11176472	DIP2C	chr10	0.187256268	+ T2D risk	Body
cg02902969	DIP2C	chr10	0.187318914	+ T2D risk	Body
cg22450501	FARSB	chr2	0.187475286	+ T2D risk	Body
cg25662862	ARHGEF9	chrX	0.187494213	- T2D risk	Body

cg17511604	ZHX2	chr8	0.187682914	+ T2D risk	5'UTR
cg04339860	WWP2	chr16	0.187848093	- T2D risk	TSS200
cg11774275	SPAG9	chr17	0.187985117	+ T2D risk	Body
cg20237106	PRKAG2	chr7	0.1880166	+ T2D risk	Body
cg12349027	ROBO2	chr3	0.188175166	- T2D risk	5'UTR
cg12349027	ROBO2	chr3	0.188175166	- T2D risk	1stExon
cg12020132	SLIT3	chr5	0.188233103	+ T2D risk	Body
cg22719878	PRKAG2	chr7	0.188243872	- T2D risk	Body
cg07265339	WWP2	chr16	0.188421292	- T2D risk	5'UTR
cg03451586	PTP4A2	chr1	0.188455671	- T2D risk	5'UTR
cg03451586	PTP4A2	chr1	0.188455671	- T2D risk	TSS1500
cg23609036	ROBO2	chr3	0.188623488	+ T2D risk	Body
cg10950033	PACRG	chr6	0.188632556	- T2D risk	3'UTR
cg19936912	FAM160A1	chr4	0.188632906	+ T2D risk	TSS1500
cg12623375	CDK8	chr13	0.188686025	- T2D risk	TSS200
cg24034465	ACTN4	chr19	0.188717818	+ T2D risk	Body
cg12856788	SLIT3	chr5	0.188835698	+ T2D risk	Body
cg08440945	PACS1	chr11	0.188851166	+ T2D risk	Body
cg09466887	MEIS2	chr15	0.188862246	- T2D risk	Body
cg03115235	ZDHHC2	chr8	0.189055544	+ T2D risk	Body
cg08377888	MAST1	chr19	0.189078245	- T2D risk	TSS1500
cg03082902	PPFIBP1	chr12	0.189081081	- T2D risk	5'UTR
cg13757409	INPP4A	chr2	0.18918465	- T2D risk	Body
cg22513396	PRKAG2	chr7	0.189227111	+ T2D risk	Body
cg08885411	ANK3	chr10	0.189234242	+ T2D risk	TSS1500
cg08885411	ANK3	chr10	0.189234242	+ T2D risk	Body
cg00017271	BIRC5	chr17	0.189510802	+ T2D risk	3'UTR
cg09540111	ST6GAL1	chr3	0.189560414	+ T2D risk	5'UTR
cg16764955	PRKCE	chr2	0.18956439	+ T2D risk	Body
cg07455845	RHOA	chr3	0.189604111	- T2D risk	Body
cg21202462	SSBP2	chr5	0.189660558	- T2D risk	Body
cg26203118	PDE3A	chr12	0.189837365	- T2D risk	Body
cg03429582	RBM4	chr11	0.189891035	- T2D risk	5'UTR
cg07158816	KIAA1217	chr10	0.189904792	+ T2D risk	Body
cg07091162	SPOCK1	chr5	0.189936521	+ T2D risk	Body
cg12295590	FAM160A1	chr4	0.189984178	- T2D risk	5'UTR
cg24208426	NUP98	chr11	0.190350636	- T2D risk	TSS200
cg06639835	UBL3	chr13	0.190372971	+ T2D risk	1stExon
cg06639835	UBL3	chr13	0.190372971	+ T2D risk	5'UTR
cg26774981	SRPK2	chr7	0.190383401	+ T2D risk	Body
cg06784576	ATP6V1A	chr3	0.190469765	+ T2D risk	1stExon
cg06784576	ATP6V1A	chr3	0.190469765	+ T2D risk	5'UTR
cg02551301	PTPRU	chr1	0.190643485	+ T2D risk	Body
cg20311092	ITPKB	chr1	0.190646465	- T2D risk	Body
cg20548013	PHACTR1	chr6	0.190763869	- T2D risk	Body
cg17008978	PRKAG2	chr7	0.190763957	+ T2D risk	Body
cg06042842	GALK2	chr15	0.19082008	+ T2D risk	TSS1500
cg03756660	ADCY5	chr3	0.190836954	- T2D risk	Body
cg25985538	CPLX2	chr5	0.190997587	+ T2D risk	5'UTR
cg23741364	PRKCE	chr2	0.191005151	- T2D risk	Body
cg03693492	PRKCE	chr2	0.191030513	- T2D risk	Body
cg07641926	PCYT1A	chr3	0.191037627	+ T2D risk	Body
cg26697295	TAB2	chr6	0.191040379	- T2D risk	5'UTR
cg26697295	TAB2	chr6	0.191040379	- T2D risk	Body
cg26427777	ZHX2	chr8	0.191100768	+ T2D risk	5'UTR
cg24212855	SVIP	chr11	0.191247997	+ T2D risk	Body
cg01414824	ITGA1	chr5	0.191334854	+ T2D risk	Body
cg10576019	CUX2	chr12	0.191353659	- T2D risk	Body
cg06360318	TANC2	chr17	0.19138676	+ T2D risk	Body
cg22220936	ST8SIA1	chr12	0.19153658	- T2D risk	Body
cg09428340	PACRG	chr6	0.191539624	- T2D risk	Body
cg24827757	SMG7	chr1	0.19156766	- T2D risk	5'UTR
cg24827757	SMG7	chr1	0.19156766	- T2D risk	Body
cg13870520	SCARB2	chr4	0.191646432	+ T2D risk	Body
cg01907184	DNAH9	chr17	0.19178545	- T2D risk	Body
cg20757912	SSBP2	chr5	0.192052495	- T2D risk	TSS200
cg16022553	UBE2K	chr4	0.192075313	- T2D risk	Body
cg27505737	WWP2	chr16	0.192148636	- T2D risk	Body
cg16280399	ATXN1	chr6	0.192236252	- T2D risk	5'UTR
cg01561200	EVI5	chr1	0.192360198	- T2D risk	Body

cg00349159	DIP2C	chr10	0.19246279	- T2D risk	Body
cg24947555	ITPKB	chr1	0.192470552	+ T2D risk	TSS200
cg02405041	ST20	chr15	0.192534266	+ T2D risk	5'UTR
cg02405041	ST20	chr15	0.192534266	+ T2D risk	Body
cg06640584	RHBDD1	chr2	0.192626981	- T2D risk	TSS200
cg11555067	INPP4A	chr2	0.192662178	- T2D risk	5'UTR
cg00849535	ADCY5	chr3	0.192694923	+ T2D risk	Body
cg19115695	APC	chr5	0.192733179	- T2D risk	TSS1500
cg02387974	PRKAG2	chr7	0.192737036	+ T2D risk	Body
cg19643097	PACS2	chr14	0.19279942	+ T2D risk	Body
cg08089671	TMEM131	chr2	0.192821774	+ T2D risk	TSS1500
cg16919546	NF1	chr17	0.192821814	+ T2D risk	Body
cg14404382	MDM1	chr12	0.192911583	- T2D risk	Body
cg17048363	CDK8	chr13	0.192914566	- T2D risk	1stExon
cg03197301	CUX1	chr7	0.192922858	+ T2D risk	Body
cg07230471	JPH2	chr20	0.192948361	- T2D risk	Body
cg25149281	RHBDD1	chr2	0.193037439	- T2D risk	Body
cg07790887	PRKACB	chr1	0.193081833	+ T2D risk	Body
cg07790887	PRKACB	chr1	0.193081833	+ T2D risk	TSS1500
cg01427460	DACH1	chr13	0.193137955	+ T2D risk	Body
cg08964756	EFR3A	chr8	0.193349843	- T2D risk	Body
cg18575602	CHFR	chr12	0.193458213	- T2D risk	Body
cg22882563	USP53	chr4	0.193460469	+ T2D risk	5'UTR
cg21322003	PRKCE	chr2	0.193474907	- T2D risk	Body
cg06043710	DIP2C	chr10	0.193703243	+ T2D risk	Body
cg22637030	ULK4	chr3	0.193720906	- T2D risk	Body
cg10381247	IFT74	chr9	0.193756043	+ T2D risk	5'UTR
cg17551240	TBC1D5	chr3	0.193885788	- T2D risk	Body
cg25334903	CRYL1	chr13	0.19404153	- T2D risk	Body
cg02294312	NOTCH3	chr19	0.19407442	+ T2D risk	Body
cg11900091	PRKCE	chr2	0.194229284	+ T2D risk	Body
cg25400243	TMEM219	chr16	0.194260575	+ T2D risk	3'UTR
cg14217584	KCNIP3	chr2	0.194578156	- T2D risk	TSS200
cg12466405	AGPAT3	chr21	0.194662894	+ T2D risk	3'UTR
cg02309459	ATP6V1H	chr8	0.19468521	- T2D risk	Body
cg04774496	CHFR	chr12	0.194744807	+ T2D risk	TSS1500
cg10796899	DIP2C	chr10	0.194792318	- T2D risk	Body
cg12749048	TSC22D1	chr13	0.19483767	- T2D risk	TSS1500
cg12749048	TSC22D1	chr13	0.19483767	- T2D risk	Body
cg24823679	KDM4B	chr19	0.194909985	- T2D risk	Body
cg00516597	NGLY1	chr3	0.194912202	+ T2D risk	1stExon
cg00516597	NGLY1	chr3	0.194912202	+ T2D risk	Body
cg16424884	MET	chr7	0.19508999	- T2D risk	Body
cg06557606	ATP6V1H	chr8	0.195126674	- T2D risk	TSS1500
cg25737283	DIP2C	chr10	0.195377761	+ T2D risk	Body
cg18588247	ATP8A1	chr4	0.195457158	+ T2D risk	Body
cg04517274	ACTN4	chr19	0.195503174	+ T2D risk	Body
cg21722612	TPCN1	chr12	0.195526209	+ T2D risk	5'UTR
cg21722612	TPCN1	chr12	0.195526209	+ T2D risk	Body
cg27634258	SPPL2A	chr15	0.195538948	- T2D risk	TSS200
cg09827858	TMEM59	chr1	0.195542561	- T2D risk	5'UTR
cg09827858	TMEM59	chr1	0.195542561	- T2D risk	Body
cg01999523	CLASP2	chr3	0.195636934	- T2D risk	TSS200
cg16282160	NCOA2	chr8	0.195846234	- T2D risk	5'UTR
cg18461989	ATXN1	chr6	0.196014145	+ T2D risk	5'UTR
cg08538468	SH3GL2	chr9	0.196105727	- T2D risk	5'UTR
cg08538468	SH3GL2	chr9	0.196105727	- T2D risk	1stExon
cg08606573	CREBBP	chr16	0.196135671	- T2D risk	Body
cg05248798	TJP1	chr15	0.196205588	- T2D risk	Body
cg08754967	DIP2C	chr10	0.196273792	- T2D risk	TSS1500
cg18400281	KIAA1217	chr10	0.196285642	- T2D risk	Body
cg19794013	COL4A1	chr13	0.196294757	- T2D risk	Body
cg25667409	SLC7A2	chr8	0.196466128	+ T2D risk	Body
cg25667409	SLC7A2	chr8	0.196466128	+ T2D risk	5'UTR
cg11239111	UXS1	chr2	0.196487862	- T2D risk	TSS1500
cg20436707	DIP2C	chr10	0.196540506	+ T2D risk	Body
cg00044871	ATP8A2	chr13	0.196560627	+ T2D risk	TSS1500
cg06824134	PRKCE	chr2	0.196609902	- T2D risk	TSS200
cg16762439	CNTNAP2	chr7	0.19663002	- T2D risk	Body
cg21218069	NF1	chr17	0.196726617	+ T2D risk	Body

cg25901805	<i>PLAGL1</i>	chr6	0.196801827	+ T2D risk	5'UTR
cg06855897	<i>ATXN1</i>	chr6	0.19705393	- T2D risk	5'UTR
cg18128529	<i>INPP4A</i>	chr2	0.197236797	- T2D risk	3'UTR
cg26161045	<i>RTN4</i>	chr2	0.197254999	- T2D risk	TSS1500
cg26161045	<i>RTN4</i>	chr2	0.197254999	- T2D risk	1stExon
cg15309028	<i>CTR9</i>	chr11	0.197257278	- T2D risk	TSS1500
cg03851014	<i>ST20</i>	chr15	0.197268099	+ T2D risk	TSS1500
cg03851014	<i>ST20</i>	chr15	0.197268099	+ T2D risk	5'UTR
cg03851014	<i>ST20</i>	chr15	0.197268099	+ T2D risk	Body
cg07618675	<i>CREBBP</i>	chr16	0.197274644	+ T2D risk	Body
cg05999287	<i>MET</i>	chr7	0.197529792	- T2D risk	TSS200
cg01052428	<i>PACS2</i>	chr14	0.197579737	+ T2D risk	Body
cg25432738	<i>CRYL1</i>	chr13	0.197586903	- T2D risk	Body
cg11203361	<i>CUX1</i>	chr7	0.197601926	- T2D risk	Body
cg07148691	<i>ST6GAL1</i>	chr3	0.19763758	+ T2D risk	5'UTR
cg01521220	<i>SKAP1</i>	chr17	0.197880863	+ T2D risk	Body
cg19870370	<i>CRYL1</i>	chr13	0.19794425	- T2D risk	Body
cg18094221	<i>RHOA</i>	chr3	0.197956308	- T2D risk	5'UTR
cg19428799	<i>ATP8A1</i>	chr4	0.198348132	- T2D risk	ExonBnd
cg19428799	<i>ATP8A1</i>	chr4	0.198348132	- T2D risk	Body
cg26388599	<i>ATP6V1H</i>	chr8	0.198348447	- T2D risk	Body
cg23977061	<i>DNAJC1</i>	chr10	0.198363135	+ T2D risk	TSS1500
cg08990626	<i>DIP2C</i>	chr10	0.198457444	+ T2D risk	Body
cg00618450	<i>SEZ6L</i>	chr22	0.198477486	- T2D risk	Body
cg16487601	<i>PDE5A</i>	chr4	0.198483747	+ T2D risk	Body
cg16718624	<i>ROBO2</i>	chr3	0.198627905	- T2D risk	5'UTR
cg16718624	<i>ROBO2</i>	chr3	0.198627905	- T2D risk	1stExon
cg23596826	<i>DIP2C</i>	chr10	0.198650269	- T2D risk	Body
cg08368624	<i>ARL15</i>	chr5	0.198652479	+ T2D risk	Body
cg19018844	<i>DIP2C</i>	chr10	0.198732938	+ T2D risk	Body
cg13387972	<i>DIP2C</i>	chr10	0.198779382	+ T2D risk	Body
cg05162569	<i>PACS2</i>	chr14	0.198816393	+ T2D risk	Body
cg04995311	<i>USP29</i>	chr19	0.198932672	- T2D risk	TSS1500
cg00711327	<i>SSB</i>	chr2	0.199021416	+ T2D risk	TSS1500
cg04086841	<i>CEP126</i>	chr11	0.199024942	+ T2D risk	Body
cg05130201	<i>GLG1</i>	chr16	0.199033906	- T2D risk	Body
cg10451728	<i>ATP8A2</i>	chr13	0.199041953	+ T2D risk	Body
cg07808424	<i>ZHX2</i>	chr8	0.199052443	+ T2D risk	5'UTR
cg03584826	<i>RGS7</i>	chr1	0.199119324	- T2D risk	Body
cg08677916	<i>MEIS2</i>	chr15	0.199178711	+ T2D risk	Body
cg04534657	<i>PDE7A</i>	chr8	0.199314535	- T2D risk	TSS1500
cg04534657	<i>PDE7A</i>	chr8	0.199314535	- T2D risk	Body
cg04749873	<i>NCOA2</i>	chr8	0.19933053	- T2D risk	Body
cg24152818	<i>DACH1</i>	chr13	0.199417961	- T2D risk	Body
cg16746631	<i>IMPA1</i>	chr8	0.199463011	- T2D risk	Body
cg16746631	<i>IMPA1</i>	chr8	0.199463011	- T2D risk	5'UTR
cg07365951	<i>ENAH</i>	chr1	0.199477289	- T2D risk	Body
cg07242890	<i>ERC2</i>	chr3	0.19959036	+ T2D risk	3'UTR
cg21426303	<i>ZHX2</i>	chr8	0.199613328	- T2D risk	5'UTR
cg03119126	<i>ASH1L</i>	chr1	0.19971968	- T2D risk	TSS200
cg04979068	<i>DNAJC1</i>	chr10	0.199776793	+ T2D risk	Body
cg24432747	<i>PI15</i>	chr8	0.199795239	- T2D risk	TSS1500
cg00160368	<i>PDE7A</i>	chr8	0.199795502	- T2D risk	5'UTR
cg00160368	<i>PDE7A</i>	chr8	0.199795502	- T2D risk	1stExon
cg12885269	<i>MTHFS</i>	chr15	0.199813442	- T2D risk	Body
cg19307750	<i>RGS7</i>	chr1	0.199932858	+ T2D risk	Body
cg23161126	<i>ROBO2</i>	chr3	0.200090552	- T2D risk	5'UTR
cg23161126	<i>ROBO2</i>	chr3	0.200090552	- T2D risk	Body
cg09220593	<i>ROBO2</i>	chr3	0.200140542	- T2D risk	5'UTR
cg09220593	<i>ROBO2</i>	chr3	0.200140542	- T2D risk	Body
cg26609776	<i>PRKCE</i>	chr2	0.200143267	- T2D risk	Body
cg16818691	<i>TSHZ1</i>	chr18	0.200143887	+ T2D risk	5'UTR
cg16818691	<i>TSHZ1</i>	chr18	0.200143887	+ T2D risk	Body
cg26115149	<i>SSBP2</i>	chr5	0.20022528	- T2D risk	Body
cg26361671	<i>MAN1A2</i>	chr1	0.200320239	- T2D risk	3'UTR
cg07654588	<i>TBC1D5</i>	chr3	0.200581531	- T2D risk	5'UTR
cg07654588	<i>TBC1D5</i>	chr3	0.200581531	- T2D risk	1stExon
cg18106550	<i>DDHD2</i>	chr8	0.200711609	+ T2D risk	ExonBnd
cg18106550	<i>DDHD2</i>	chr8	0.200711609	+ T2D risk	Body
cg18041207	<i>DACH1</i>	chr13	0.200907892	- T2D risk	TSS200

cg11754652	<i>PHACTR1</i>	chr6	0.20093915	+ T2D risk	Body
cg04630800	<i>ARPP19</i>	chr15	0.20094729	- T2D risk	Body
cg12503168	<i>CADM1</i>	chr11	0.201008523	- T2D risk	Body
cg24830800	<i>PRKCE</i>	chr2	0.201095065	+ T2D risk	Body
cg24166144	<i>PRKCE</i>	chr2	0.20110527	+ T2D risk	Body
cg17094974	<i>ITGA1</i>	chr5	0.20112106	+ T2D risk	Body
cg22510911	<i>MAST1</i>	chr19	0.201234843	- T2D risk	Body
cg22188880	<i>TSGA10</i>	chr2	0.201283153	+ T2D risk	5'UTR
cg22188880	<i>TSGA10</i>	chr2	0.201283153	+ T2D risk	TSS200
cg21055888	<i>SH3GL2</i>	chr9	0.201394019	- T2D risk	TSS200
cg22200557	<i>ATP6V1H</i>	chr8	0.201639836	+ T2D risk	Body
cg09137851	<i>ASH1L</i>	chr1	0.201675041	+ T2D risk	5'UTR
cg22809798	<i>NOTCH3</i>	chr19	0.201708951	+ T2D risk	Body
cg02456521	<i>ATP4A</i>	chr19	0.201732842	- T2D risk	Body
cg06008406	<i>DIP2C</i>	chr10	0.201863808	- T2D risk	Body
cg19860154	<i>TSHZ1</i>	chr18	0.201949485	+ T2D risk	Body
cg22908574	<i>ADCY5</i>	chr3	0.202005462	- T2D risk	Body
cg18167767	<i>ULK4</i>	chr3	0.202080205	+ T2D risk	Body
cg00992711	<i>SLC29A4</i>	chr7	0.202117909	+ T2D risk	5'UTR
cg11686722	<i>MEIS2</i>	chr15	0.202272969	+ T2D risk	5'UTR
cg11686722	<i>MEIS2</i>	chr15	0.202272969	+ T2D risk	1stExon
cg11686722	<i>MEIS2</i>	chr15	0.202272969	+ T2D risk	TSS200
cg11686722	<i>MEIS2</i>	chr15	0.202272969	+ T2D risk	TSS1500
cg08799766	<i>GNA12</i>	chr7	0.202308956	+ T2D risk	Body
cg17585208	<i>PDE5A</i>	chr4	0.202364388	+ T2D risk	Body
cg03094990	<i>PLAGL1</i>	chr6	0.202446924	- T2D risk	5'UTR
cg02699336	<i>ERC2</i>	chr3	0.202495589	+ T2D risk	5'UTR
cg07505433	<i>KDM4B</i>	chr19	0.202538784	+ T2D risk	Body
cg03505501	<i>CADM1</i>	chr11	0.202685141	+ T2D risk	Body
cg13270853	<i>CHFR</i>	chr12	0.202696834	+ T2D risk	Body
cg06119874	<i>PFKFB2</i>	chr1	0.202765212	+ T2D risk	TSS1500
cg11171459	<i>DIP2C</i>	chr10	0.202842361	+ T2D risk	Body
cg04610601	<i>SLIT3</i>	chr5	0.203059788	- T2D risk	Body
cg08996301	<i>ATXN1</i>	chr6	0.203114523	- T2D risk	Body
cg17748725	<i>KREMEN1</i>	chr22	0.203315285	- T2D risk	Body
cg12010548	<i>PACS2</i>	chr14	0.203334051	- T2D risk	Body
cg06874640	<i>PHACTR1</i>	chr6	0.203462149	- T2D risk	TSS1500
cg04827594	<i>ANK3</i>	chr10	0.203666465	- T2D risk	Body
cg20212339	<i>HMBX1</i>	chr8	0.203741383	+ T2D risk	3'UTR
cg22493759	<i>CREBBP</i>	chr16	0.20385678	+ T2D risk	Body
cg04071804	<i>NCOR1</i>	chr17	0.203903878	+ T2D risk	Body
cg08032407	<i>LAMA4</i>	chr6	0.20398185	- T2D risk	Body
cg02061711	<i>DIP2C</i>	chr10	0.204293218	- T2D risk	Body
cg07263694	<i>CUX2</i>	chr12	0.20433939	+ T2D risk	Body
cg23542518	<i>LAP3</i>	chr4	0.204561432	- T2D risk	TSS1500
cg27122958	<i>NF1</i>	chr17	0.20456319	- T2D risk	Body
cg21491235	<i>RAP1B</i>	chr12	0.204570201	- T2D risk	5'UTR
cg14463441	<i>PPP1R12A</i>	chr12	0.204577822	+ T2D risk	Body
cg14463441	<i>PPP1R12A</i>	chr12	0.204577822	+ T2D risk	ExonBnd
cg07662029	<i>FLT1</i>	chr13	0.204630655	- T2D risk	Body
cg15146083	<i>CHID1</i>	chr11	0.204672871	+ T2D risk	5'UTR
cg16057048	<i>AGPAT3</i>	chr21	0.204871764	- T2D risk	5'UTR
cg04128513	<i>SLIT3</i>	chr5	0.204905147	- T2D risk	Body
cg17037091	<i>PDLIM5</i>	chr4	0.205072977	- T2D risk	5'UTR
cg17037091	<i>PDLIM5</i>	chr4	0.205072977	- T2D risk	Body
cg10934522	<i>TENM2</i>	chr5	0.205092206	- T2D risk	Body
cg20716058	<i>PRKAG2</i>	chr7	0.2050945	- T2D risk	TSS1500
cg20716058	<i>PRKAG2</i>	chr7	0.2050945	- T2D risk	Body
cg03530210	<i>WDR47</i>	chr1	0.205202483	+ T2D risk	5'UTR
cg03530210	<i>WDR47</i>	chr1	0.205202483	+ T2D risk	1stExon
cg00990690	<i>ATP8A2</i>	chr13	0.205205186	- T2D risk	Body
cg00144839	<i>PRKAG2</i>	chr7	0.205286441	- T2D risk	Body
cg03411346	<i>SCGN</i>	chr6	0.205445488	+ T2D risk	TSS1500
cg16711083	<i>SNX4</i>	chr3	0.205457798	- T2D risk	TSS200
cg19907409	<i>SPAG9</i>	chr17	0.205491581	- T2D risk	Body
cg18575710	<i>TTC28</i>	chr22	0.205492497	- T2D risk	Body
cg22636811	<i>TENM2</i>	chr5	0.205503595	- T2D risk	Body
cg19686543	<i>CNTNAP2</i>	chr7	0.205553264	- T2D risk	Body
cg07208691	<i>CUX2</i>	chr12	0.205649287	- T2D risk	Body
cg27058120	<i>TAB2</i>	chr6	0.205768241	+ T2D risk	Body

cg24389195	UBL3	chr13	0.20580373	- T2D risk	Body
cg15676084	ENAH	chr1	0.205853936	+ T2D risk	TSS1500
cg16842654	TTC28	chr22	0.205878869	- T2D risk	Body
cg21037006	CALD1	chr7	0.205932939	+ T2D risk	Body
cg21037006	CALD1	chr7	0.205932939	+ T2D risk	TSS1500
cg09680530	FLT1	chr13	0.206053211	+ T2D risk	Body
cg18275467	CUX1	chr7	0.206128676	+ T2D risk	Body
cg07733198	CLEC16A	chr16	0.206177727	- T2D risk	Body
cg10839502	DIP2C	chr10	0.206323134	+ T2D risk	Body
cg17054710	CLASP2	chr3	0.206343845	- T2D risk	TSS200
cg04041942	HMBOX1	chr8	0.206378575	+ T2D risk	TSS1500
cg15689036	ERC2	chr3	0.206434031	- T2D risk	Body
cg14214834	ADCY5	chr3	0.206447516	- T2D risk	Body
cg25670061	PACRG	chr6	0.206490594	+ T2D risk	Body
cg26164164	TOP2A	chr17	0.206593716	- T2D risk	5'UTR
cg26164164	TOP2A	chr17	0.206593716	- T2D risk	1stExon
cg17707755	COX6A1	chr12	0.206866427	+ T2D risk	TSS1500
cg27449255	WWP2	chr16	0.206875485	+ T2D risk	Body
cg01311064	DACH1	chr13	0.206930947	- T2D risk	5'UTR
cg01311064	DACH1	chr13	0.206930947	- T2D risk	1stExon
cg23630593	CUX1	chr7	0.206944168	+ T2D risk	Body
cg09577425	PACRG	chr6	0.206996381	+ T2D risk	Body
cg19412131	ATXN1	chr6	0.20700411	+ T2D risk	5'UTR
cg00973932	IFT74	chr9	0.207054496	+ T2D risk	TSS1500
cg17021528	ATP8A2	chr13	0.207150175	- T2D risk	Body
cg01769160	PRMT3	chr11	0.207177985	- T2D risk	TSS200
cg06416086	TAB2	chr6	0.207263283	+ T2D risk	5'UTR
cg06416086	TAB2	chr6	0.207263283	+ T2D risk	TSS1500
cg06416086	TAB2	chr6	0.207263283	+ T2D risk	Body
cg06416086	TAB2	chr6	0.207263283	+ T2D risk	1stExon
cg19296486	ATP6V1H	chr8	0.207280017	+ T2D risk	Body
cg23402311	IMPA1	chr8	0.207456805	- T2D risk	TSS200
cg19829887	CEP126	chr11	0.207502464	- T2D risk	Body
cg22642718	KCNJ12	chr17	0.207566817	+ T2D risk	Body
cg23445360	NCOA2	chr8	0.207607951	+ T2D risk	TSS200
cg26964170	DIP2C	chr10	0.207726921	- T2D risk	Body
cg15689835	LMX1B	chr9	0.207797729	- T2D risk	Body
cg08663444	SRPK2	chr7	0.207818236	+ T2D risk	Body
cg06859970	CLEC16A	chr16	0.207838656	+ T2D risk	Body
cg03595348	KCNIP3	chr2	0.207840672	- T2D risk	Body
cg03650179	AGPAT3	chr21	0.207860392	+ T2D risk	5'UTR
cg22033264	CLIC5	chr6	0.207889098	- T2D risk	Body
cg04071758	CREBBP	chr16	0.207945265	- T2D risk	3'UTR
cg10297007	ATXN1	chr6	0.208020906	- T2D risk	5'UTR
cg16253786	RHBDD1	chr2	0.208061023	- T2D risk	Body
cg14678099	CPLX2	chr5	0.208158578	+ T2D risk	5'UTR
cg18118760	RSF1	chr11	0.208279692	- T2D risk	Body
cg02079693	MYO6	chr6	0.208311773	+ T2D risk	Body
cg21257048	PRKCB	chr16	0.208357036	+ T2D risk	Body
cg23127000	RTN4	chr2	0.208395775	+ T2D risk	Body
cg06318386	PHF21A	chr11	0.2084323	+ T2D risk	Body
cg26133518	TTC28	chr22	0.208581416	+ T2D risk	Body
cg01664142	ATP8A1	chr4	0.208674392	- T2D risk	Body
cg02183105	ST20	chr15	0.208859268	+ T2D risk	TSS200
cg23958638	RANBP17	chr5	0.208950592	- T2D risk	Body
cg07754887	DYNC111	chr7	0.209039076	- T2D risk	Body
cg19924196	LMCD1	chr3	0.2090764	- T2D risk	TSS200
cg12386414	ERC2	chr3	0.209083496	- T2D risk	Body
cg16911423	GAD1	chr2	0.209270296	- T2D risk	5'UTR
cg06939451	SSBP2	chr5	0.209301096	- T2D risk	Body
cg20187308	DIP2C	chr10	0.209350641	- T2D risk	Body
cg07027226	PRKAG2	chr7	0.209373031	- T2D risk	Body
cg06561659	KCNIP3	chr2	0.209390161	- T2D risk	Body
cg20322257	NUCB2	chr11	0.209471092	- T2D risk	Body
cg14747166	ZHX2	chr8	0.209508078	- T2D risk	5'UTR
cg27447286	DYNC111	chr7	0.209524891	- T2D risk	Body
cg14441584	RAP1GAP2	chr17	0.209531236	+ T2D risk	Body
cg18564665	PHACTR1	chr6	0.209625335	- T2D risk	Body
cg08125365	SEC31A	chr4	0.209640075	- T2D risk	ExonBnd
cg08125365	SEC31A	chr4	0.209640075	- T2D risk	Body

cg13726218	DACH1	chr13	0.209643316	- T2D risk	Body
cg27501380	RBBP6	chr16	0.209645539	- T2D risk	5'UTR
cg27501380	RBBP6	chr16	0.209645539	- T2D risk	1stExon
cg04225902	SUB1	chr5	0.209699637	- T2D risk	TSS1500
cg00859277	CDK8	chr13	0.209762576	+ T2D risk	Body
cg17600231	TSC22D1	chr13	0.209779323	- T2D risk	3'UTR
cg11358315	BCAT1	chr12	0.209806757	- T2D risk	Body
cg17120445	CUX2	chr12	0.209833578	+ T2D risk	Body
cg24786911	ADCY5	chr3	0.209890931	- T2D risk	Body
cg24786911	ADCY5	chr3	0.209890931	- T2D risk	TSS200
cg02849766	WIZ	chr19	0.209904498	+ T2D risk	5'UTR
cg18590839	WWP2	chr16	0.209992524	- T2D risk	Body
cg17096328	CNTNAP2	chr7	0.210074963	- T2D risk	Body
cg21762610	UNC80	chr2	0.210076372	+ T2D risk	Body
cg11970797	CRYL1	chr13	0.210087183	- T2D risk	Body
cg10720163	ARPP19	chr15	0.210155018	+ T2D risk	TSS1500
cg10720163	ARPP19	chr15	0.210155018	+ T2D risk	5'UTR
cg10720163	ARPP19	chr15	0.210155018	+ T2D risk	1stExon
cg10720163	ARPP19	chr15	0.210155018	+ T2D risk	TSS200
cg19853364	INPP4A	chr2	0.210226543	+ T2D risk	5'UTR
cg22544914	CUX2	chr12	0.210237308	+ T2D risk	Body
cg10029837	RHBDD1	chr2	0.21048443	+ T2D risk	Body
cg01102232	DNAJC13	chr3	0.210507329	+ T2D risk	TSS1500
cg05960024	CLOCK	chr4	0.210544772	+ T2D risk	5'UTR
cg12619961	ATXN1	chr6	0.210553351	+ T2D risk	5'UTR
cg03688668	KDM4B	chr19	0.210808388	+ T2D risk	Body
cg04031016	POC1B	chr12	0.210913105	- T2D risk	Body
cg15213650	KDM4B	chr19	0.211022344	+ T2D risk	5'UTR
cg26340376	CLIC5	chr6	0.211100578	+ T2D risk	Body
cg12005569	SPOCK1	chr5	0.211179707	+ T2D risk	Body
cg24820342	DYNC1I2	chr2	0.211378844	+ T2D risk	5'UTR
cg24820342	DYNC1I2	chr2	0.211378844	+ T2D risk	1stExon
cg25301103	DIP2C	chr10	0.211437688	+ T2D risk	Body
cg24788291	PRKCE	chr2	0.211502367	+ T2D risk	Body
cg24846842	SSBP2	chr5	0.211526752	+ T2D risk	Body
cg06280578	INPP4A	chr2	0.211653004	+ T2D risk	5'UTR
cg04361379	RNF157	chr17	0.21171277	+ T2D risk	Body
cg01217350	FAM160A1	chr4	0.211842004	- T2D risk	5'UTR
cg07804434	PRKAG2	chr7	0.211864821	+ T2D risk	Body
cg03982541	PACS2	chr14	0.211981517	- T2D risk	TSS1500
cg02894362	ACTN4	chr19	0.212061345	- T2D risk	Body
cg02894362	ACTN4	chr19	0.212061345	- T2D risk	ExonBnd
cg21769137	SLIT3	chr5	0.212138767	- T2D risk	Body
cg16542941	SRPK2	chr7	0.212160305	- T2D risk	Body
cg13372163	SLC29A4	chr7	0.212163548	+ T2D risk	TSS1500
cg14623927	PTPRU	chr1	0.2122683	+ T2D risk	Body
cg14209037	DLL4	chr15	0.212277606	+ T2D risk	Body
cg09096054	DACH1	chr13	0.212277606	+ T2D risk	Body
cg24309040	CUX2	chr12	0.212277606	+ T2D risk	Body
cg26736200	WWP2	chr16	0.212277606	+ T2D risk	Body
cg10348368	PACS2	chr14	0.212277606	+ T2D risk	Body
cg04592958	KDM4B	chr19	0.212277606	+ T2D risk	Body
cg05898629	CREBBP	chr16	0.212277606	+ T2D risk	Body
cg17608529	DIP2C	chr10	0.212277606	+ T2D risk	Body
cg17230640	SLC29A4	chr7	0.212277606	+ T2D risk	3'UTR
cg16765268	CLEC16A	chr16	0.212277606	+ T2D risk	Body
cg27349129	KDM4B	chr19	0.212277606	+ T2D risk	Body
cg12710220	PRKAG2	chr7	0.212277606	+ T2D risk	Body
cg15600935	CUX1	chr7	0.212277606	+ T2D risk	Body
cg26718707	DIP2C	chr10	0.212277606	+ T2D risk	Body
cg13617047	DIP2C	chr10	0.212277606	+ T2D risk	Body
cg17714861	PRKAG2	chr7	0.212277606	+ T2D risk	Body
cg19608357	KDM4B	chr19	0.212277606	+ T2D risk	5'UTR
cg13592780	ADCY5	chr3	0.212277606	+ T2D risk	Body
cg09356193	PACS2	chr14	0.212277606	+ T2D risk	Body
cg04285855	PACS2	chr14	0.212277606	+ T2D risk	Body
cg21903221	PACS2	chr14	0.212277606	+ T2D risk	Body
cg06509362	WWP2	chr16	0.212277606	+ T2D risk	Body
cg12242062	PRKAG2	chr7	0.212277606	+ T2D risk	Body
cg16162172	ACTN4	chr19	0.212277606	+ T2D risk	Body

cg10024446	<i>DNAJC1</i>	chr10	0.212277606	+ T2D risk	Body
cg02606627	<i>KDM4B</i>	chr19	0.212277606	+ T2D risk	Body
cg00412239	<i>KDM4B</i>	chr19	0.212277606	+ T2D risk	Body
cg05367028	<i>PRKAG2</i>	chr7	0.212277606	+ T2D risk	5'UTR
cg05367028	<i>PRKAG2</i>	chr7	0.212277606	+ T2D risk	Body
cg02072002	<i>MGRN1</i>	chr16	0.212277606	+ T2D risk	Body
cg02072002	<i>MGRN1</i>	chr16	0.212277606	+ T2D risk	3'UTR
cg11740194	<i>DIP2C</i>	chr10	0.212277606	+ T2D risk	Body
cg17279942	<i>CUX2</i>	chr12	0.212277606	+ T2D risk	Body
cg20154489	<i>DIP2C</i>	chr10	0.212277606	+ T2D risk	Body
cg00533585	<i>GRK5</i>	chr10	0.212277606	+ T2D risk	3'UTR
cg00387107	<i>CUX1</i>	chr7	0.212277606	+ T2D risk	Body
cg14897316	<i>CUX2</i>	chr12	0.212277606	+ T2D risk	Body
cg17549725	<i>PACRG</i>	chr6	0.212277606	+ T2D risk	Body
cg27562595	<i>CNTNAP2</i>	chr7	0.212277606	+ T2D risk	Body
cg01918552	<i>PACRG</i>	chr6	0.212277606	+ T2D risk	Body
cg10118784	<i>PLEKHG3</i>	chr14	0.212277606	+ T2D risk	Body
cg26856871	<i>AGPAT3</i>	chr21	0.212277606	+ T2D risk	5'UTR
cg19388017	<i>NOTCH3</i>	chr19	0.212277606	+ T2D risk	Body
cg03564009	<i>COL4A1</i>	chr13	0.212277606	+ T2D risk	Body
cg05194481	<i>DIP2C</i>	chr10	0.212277606	+ T2D risk	Body
cg02803925	<i>PCYT1A</i>	chr3	0.212277606	+ T2D risk	Body
cg18558744	<i>DIP2C</i>	chr10	0.212277606	+ T2D risk	Body
cg17127309	<i>RET</i>	chr10	0.212277606	+ T2D risk	Body
cg12892107	<i>SLIT3</i>	chr5	0.212277606	+ T2D risk	Body
cg07846737	<i>KDM4B</i>	chr19	0.212277606	+ T2D risk	Body
cg12699044	<i>TPCN1</i>	chr12	0.212277606	+ T2D risk	Body
cg10608858	<i>PRKAG2</i>	chr7	0.212277606	+ T2D risk	5'UTR
cg10608858	<i>PRKAG2</i>	chr7	0.212277606	+ T2D risk	Body
cg23839891	<i>KDM4B</i>	chr19	0.212277606	+ T2D risk	Body
cg09036558	<i>WWP2</i>	chr16	0.212277606	+ T2D risk	Body
cg07015081	<i>DNAJC1</i>	chr10	0.212277606	+ T2D risk	Body
cg23190472	<i>LAP3</i>	chr4	0.212277606	+ T2D risk	Body
cg08755156	<i>PRKAG2</i>	chr7	0.212277606	+ T2D risk	Body
cg22630768	<i>KDM4B</i>	chr19	0.212277606	+ T2D risk	Body
cg06648073	<i>APBA1</i>	chr9	0.212277606	+ T2D risk	ExonBnd
cg06648073	<i>APBA1</i>	chr9	0.212277606	+ T2D risk	Body
cg05890154	<i>PRKAG2</i>	chr7	0.212277606	+ T2D risk	Body
cg01558195	<i>CUX1</i>	chr7	0.212277606	+ T2D risk	Body
cg00802484	<i>UBE2K</i>	chr4	0.212277606	+ T2D risk	Body
cg04935666	<i>PACS2</i>	chr14	0.212277606	+ T2D risk	Body
cg09567735	<i>CUX2</i>	chr12	0.212277606	+ T2D risk	Body
cg21548869	<i>PACS2</i>	chr14	0.212277606	+ T2D risk	Body
cg07478662	<i>KDM4B</i>	chr19	0.212277606	+ T2D risk	Body
cg10580341	<i>CHID1</i>	chr11	0.212277606	+ T2D risk	Body
cg04808658	<i>SEMA3G</i>	chr3	0.212277606	+ T2D risk	Body
cg13350140	<i>RET</i>	chr10	0.212277606	+ T2D risk	Body
cg03575974	<i>ACTN4</i>	chr19	0.212277606	+ T2D risk	Body
cg00195144	<i>DIP2C</i>	chr10	0.212277606	+ T2D risk	Body
cg26247841	<i>ANK2</i>	chr4	0.212277606	+ T2D risk	Body
cg06498313	<i>DIP2C</i>	chr10	0.212277606	+ T2D risk	Body
cg04213845	<i>DIP2C</i>	chr10	0.212277606	+ T2D risk	Body
cg20471927	<i>DIP2C</i>	chr10	0.212277606	+ T2D risk	Body
cg06471596	<i>CUX1</i>	chr7	0.212277606	+ T2D risk	Body
cg16617758	<i>KDM4B</i>	chr19	0.212277606	+ T2D risk	Body
cg24610790	<i>GNA12</i>	chr7	0.212277606	+ T2D risk	Body
cg25887619	<i>CUX1</i>	chr7	0.212277606	+ T2D risk	Body
cg15705062	<i>KDM4B</i>	chr19	0.212277606	+ T2D risk	Body
cg24136740	<i>DIP2C</i>	chr10	0.212277606	+ T2D risk	Body
cg04670766	<i>TPCN1</i>	chr12	0.212277606	+ T2D risk	Body
cg21490597	<i>ANK2</i>	chr4	0.212277606	+ T2D risk	Body
cg25028189	<i>RAP1GAP2</i>	chr17	0.212277606	+ T2D risk	Body
cg18638769	<i>PACS2</i>	chr14	0.212277606	+ T2D risk	Body
cg24919753	<i>GRK5</i>	chr10	0.212277606	+ T2D risk	Body
cg22079102	<i>KDM4B</i>	chr19	0.212277606	+ T2D risk	Body
cg20517784	<i>DIP2C</i>	chr10	0.212277606	+ T2D risk	Body
cg05676622	<i>RBM4</i>	chr11	0.212277606	+ T2D risk	Body
cg01699430	<i>CUX2</i>	chr12	0.212277606	+ T2D risk	Body
cg01244571	<i>DIP2C</i>	chr10	0.212277606	+ T2D risk	Body
cg18698699	<i>DIP2C</i>	chr10	0.212277606	+ T2D risk	Body

cg02208820	DIP2C	chr10	0.212277606	+ T2D risk	Body
cg15232214	ZHX2	chr8	0.212277606	+ T2D risk	Body
cg03286391	PACRG	chr6	0.212277606	+ T2D risk	Body
cg24429708	DIP2C	chr10	0.212277606	+ T2D risk	Body
cg08829140	CUX1	chr7	0.212277606	+ T2D risk	Body
cg01915888	TPCN1	chr12	0.212277606	+ T2D risk	Body
cg02970735	PACS2	chr14	0.212277606	+ T2D risk	3'UTR
cg03559389	DIP2C	chr10	0.212277606	+ T2D risk	Body
cg16576106	MGRN1	chr16	0.212277606	+ T2D risk	Body
cg16576106	MGRN1	chr16	0.212277606	+ T2D risk	3'UTR
cg07046047	CHID1	chr11	0.212277606	+ T2D risk	Body
cg27211136	CLEC16A	chr16	0.212277606	+ T2D risk	Body
cg11378778	KDM4B	chr19	0.212277606	+ T2D risk	Body
cg01361261	DIP2C	chr10	0.212277606	+ T2D risk	Body
cg00774520	KCNIP3	chr2	0.212277606	+ T2D risk	Body
cg11623677	SGSM2	chr17	0.212277606	+ T2D risk	Body
cg21726593	NOTCH3	chr19	0.212277606	+ T2D risk	Body
cg03680932	ATXN1	chr6	0.212277606	+ T2D risk	Body
cg16560077	CREBBP	chr16	0.212277606	+ T2D risk	Body
cg10062503	KIAA0232	chr4	0.212277606	+ T2D risk	Body
cg10652674	ANK3	chr10	0.212277606	+ T2D risk	Body
cg27324804	CUX1	chr7	0.212277606	+ T2D risk	Body
cg06599322	WIZ	chr19	0.212277606	+ T2D risk	Body
cg16976034	CUX1	chr7	0.212277606	+ T2D risk	Body
cg11018271	GNA12	chr7	0.212277606	+ T2D risk	Body
cg17352109	USP29	chr19	0.212277606	+ T2D risk	TSS200
cg01712692	RGS7	chr1	0.212277606	+ T2D risk	Body
cg18074403	DIP2C	chr10	0.212277606	+ T2D risk	Body
cg17713751	CUX1	chr7	0.212277606	+ T2D risk	Body
cg06952288	DIP2C	chr10	0.212277606	+ T2D risk	Body
cg03686950	SLC29A4	chr7	0.212277606	+ T2D risk	Body
cg25949093	KDM4B	chr19	0.212277606	+ T2D risk	Body
cg12753366	DIP2C	chr10	0.212277606	+ T2D risk	Body
cg05664895	SLIT3	chr5	0.212277606	+ T2D risk	Body
cg07497933	RANBP17	chr5	0.212277606	+ T2D risk	Body
cg19512693	FLT1	chr13	0.212277606	+ T2D risk	Body
cg13867669	APBA1	chr9	0.212277606	+ T2D risk	Body
cg06685304	DIP2C	chr10	0.212277606	+ T2D risk	Body
cg26873457	DIP2C	chr10	0.212277606	+ T2D risk	Body
cg07349203	TPCN1	chr12	0.212277606	+ T2D risk	Body
cg18880543	PRKAG2	chr7	0.212277606	+ T2D risk	5'UTR
cg18880543	PRKAG2	chr7	0.212277606	+ T2D risk	Body
cg08582182	CUX1	chr7	0.212277606	+ T2D risk	Body
cg14455403	LMCD1	chr3	0.212277606	+ T2D risk	Body
cg09362578	GNA12	chr7	0.212277606	+ T2D risk	Body
cg20065718	CHFR	chr12	0.212277606	+ T2D risk	Body
cg15096465	DIP2C	chr10	0.212277606	+ T2D risk	Body
cg05979433	CUX2	chr12	0.212277606	+ T2D risk	Body
cg11724750	PACRG	chr6	0.212277606	+ T2D risk	Body
cg09563846	CHID1	chr11	0.212277606	+ T2D risk	Body
cg04724275	DIP2C	chr10	0.212277606	+ T2D risk	Body
cg18037489	SGSM2	chr17	0.212277606	+ T2D risk	Body
cg03588299	DIP2C	chr10	0.212277606	+ T2D risk	Body
cg12530103	DIP2C	chr10	0.212277606	+ T2D risk	Body
cg25297146	DIP2C	chr10	0.212277606	+ T2D risk	Body
cg19239104	KDM4B	chr19	0.212277606	+ T2D risk	Body
cg16936421	DIP2C	chr10	0.212277606	+ T2D risk	Body
cg21486579	PLAGL1	chr6	0.212277606	+ T2D risk	5'UTR
cg12465250	PACRG	chr6	0.212277606	+ T2D risk	Body
cg20525229	CUX2	chr12	0.212277606	+ T2D risk	Body
cg05483131	DIP2C	chr10	0.212277606	+ T2D risk	Body
cg08498465	CLEC16A	chr16	0.212277606	+ T2D risk	Body
cg25104619	DYNC1I2	chr2	0.212277606	+ T2D risk	Body
cg12712747	COL4A1	chr13	0.212277606	+ T2D risk	Body
cg23844018	DIP2C	chr10	0.212277606	+ T2D risk	Body
cg25312876	KDM4B	chr19	0.212277606	+ T2D risk	3'UTR
cg13630560	DIP2C	chr10	0.212277606	+ T2D risk	Body
cg24807761	CALD1	chr7	0.212277606	+ T2D risk	Body
cg09848445	RET	chr10	0.212277606	+ T2D risk	Body
cg27318635	CREBBP	chr16	0.212277606	+ T2D risk	Body

cg08419373	WWP2	chr16	0.212277606	+ T2D risk	Body
cg27185772	TPCN1	chr12	0.212277606	+ T2D risk	Body
cg07976816	KIAA0232	chr4	0.212277606	+ T2D risk	3'UTR
cg08701134	WWP2	chr16	0.212277606	+ T2D risk	Body
cg23520889	PACS2	chr14	0.212277606	+ T2D risk	Body
cg21080473	DDC	chr7	0.212277606	+ T2D risk	Body
cg02842850	KDM4B	chr19	0.212277606	+ T2D risk	Body
cg00248439	GRK5	chr10	0.212277606	+ T2D risk	Body
cg14020326	PACS2	chr14	0.212277606	+ T2D risk	Body
cg06105987	PRKAG2	chr7	0.212277606	+ T2D risk	Body
cg27448595	CHID1	chr11	0.212277606	+ T2D risk	Body
cg25754248	KDM4B	chr19	0.212277606	+ T2D risk	Body
cg19264056	PDE3A	chr12	0.212277606	+ T2D risk	Body
cg02407068	UBE2K	chr4	0.212277606	+ T2D risk	Body
cg04586563	DIP2C	chr10	0.212277606	+ T2D risk	TSS1500
cg16636182	KDM4B	chr19	0.212277606	+ T2D risk	Body
cg06746318	CUX1	chr7	0.212277606	+ T2D risk	Body
cg23874145	CUX1	chr7	0.212277606	+ T2D risk	Body
cg27637597	SLC29A4	chr7	0.212277606	+ T2D risk	3'UTR
cg19541247	PRKAG2	chr7	0.212277606	+ T2D risk	5'UTR
cg19541247	PRKAG2	chr7	0.212277606	+ T2D risk	Body
cg07171237	CHFR	chr12	0.212277606	+ T2D risk	Body
cg06740765	TENM2	chr5	0.212277606	+ T2D risk	Body
cg10584587	PACRG	chr6	0.212277606	+ T2D risk	Body
cg24811125	GRK5	chr10	0.212277606	+ T2D risk	Body
cg24544320	ITPKB	chr1	0.212277606	+ T2D risk	Body
cg00864551	PRKAG2	chr7	0.212277606	+ T2D risk	5'UTR
cg00864551	PRKAG2	chr7	0.212277606	+ T2D risk	Body
cg07940971	DIP2C	chr10	0.212277606	+ T2D risk	Body
cg10297430	CLEC16A	chr16	0.212277606	+ T2D risk	Body
cg10367296	KDM4B	chr19	0.212277606	+ T2D risk	Body
cg19185641	ATXN1	chr6	0.212277606	+ T2D risk	5'UTR
cg15212354	DIP2C	chr10	0.212277606	+ T2D risk	Body
cg18474185	PACS2	chr14	0.212277606	+ T2D risk	Body
cg04735960	CRYL1	chr13	0.212277606	+ T2D risk	Body
cg19500393	DIP2C	chr10	0.212277606	+ T2D risk	Body
cg13985767	GNA12	chr7	0.212277606	+ T2D risk	Body
cg20095674	UNC80	chr2	0.212277606	+ T2D risk	Body
cg16889990	USP29	chr19	0.212277606	+ T2D risk	TSS200
cg13559217	KDM4B	chr19	0.212277606	+ T2D risk	Body
cg11644402	CUX1	chr7	0.212277606	+ T2D risk	Body
cg26665209	CHFR	chr12	0.212277606	+ T2D risk	Body
cg02569219	SGSM2	chr17	0.212277606	+ T2D risk	Body
cg23946462	CHID1	chr11	0.212277606	+ T2D risk	Body
cg06823965	CUX1	chr7	0.212277606	+ T2D risk	Body
cg01947482	PACS2	chr14	0.212277606	+ T2D risk	Body
cg14491482	GRK5	chr10	0.212277606	+ T2D risk	Body
cg20688475	KCNIP3	chr2	0.212277606	+ T2D risk	Body
cg10271315	DIP2C	chr10	0.212277606	+ T2D risk	Body
cg17125804	CUX2	chr12	0.212277606	+ T2D risk	Body
cg22401907	ATXN1	chr6	0.212277606	+ T2D risk	5'UTR
cg27581211	CLEC16A	chr16	0.212277606	+ T2D risk	Body
cg09196257	DIP2C	chr10	0.212277606	+ T2D risk	Body
cg18576013	AGPAT3	chr21	0.212277606	+ T2D risk	3'UTR
cg16303074	RSF1	chr11	0.212277606	+ T2D risk	Body
cg08701479	KDM4B	chr19	0.212277606	+ T2D risk	Body
cg26860604	WWP2	chr16	0.212277606	+ T2D risk	1stExon
cg26860604	WWP2	chr16	0.212277606	+ T2D risk	5'UTR
cg26860604	WWP2	chr16	0.212277606	+ T2D risk	Body
cg21186888	UNC80	chr2	0.212277606	+ T2D risk	Body
cg12370175	ADCY5	chr3	0.212277606	+ T2D risk	Body
cg21639613	AGPAT3	chr21	0.212277606	+ T2D risk	3'UTR
cg11358549	NOTCH3	chr19	0.212277606	+ T2D risk	Body
cg04693895	DIP2C	chr10	0.212277606	+ T2D risk	Body
cg26769118	DIP2C	chr10	0.212277606	+ T2D risk	Body
cg15770446	CUX1	chr7	0.212277606	+ T2D risk	Body
cg25661931	ADCY5	chr3	0.212277606	+ T2D risk	1stExon
cg12937183	PRKAG2	chr7	0.212277606	+ T2D risk	Body
cg22320999	TPCN1	chr12	0.212277606	+ T2D risk	3'UTR
cg15605030	KCNIP3	chr2	0.212277606	+ T2D risk	Body

cg25535708	NOTCH3	chr19	0.212277606	+ T2D risk	Body
cg13544966	DIP2C	chr10	0.212277606	+ T2D risk	Body
cg07658449	CUX2	chr12	0.212277606	+ T2D risk	Body
cg19910568	DNAJC1	chr10	0.212277606	+ T2D risk	Body
cg14616881	CRYL1	chr13	0.212277606	+ T2D risk	3'UTR
cg27191554	NOTCH3	chr19	0.212277606	+ T2D risk	Body
cg14504291	SLIT3	chr5	0.212277606	+ T2D risk	Body
cg27373220	DIP2C	chr10	0.212277606	+ T2D risk	Body
cg00393546	DIP2C	chr10	0.212277606	+ T2D risk	Body
cg18884557	CUX1	chr7	0.212277606	+ T2D risk	Body
cg22772639	CUX1	chr7	0.212277606	+ T2D risk	Body
cg04361015	CUX1	chr7	0.212277606	+ T2D risk	Body
cg09943550	CHFR	chr12	0.212277606	+ T2D risk	Body
cg06926306	WIZ	chr19	0.212277606	+ T2D risk	Body
cg03346415	WWP2	chr16	0.212277606	+ T2D risk	Body
cg13226924	SGSM2	chr17	0.212277606	+ T2D risk	Body
cg01117269	DIP2C	chr10	0.212277606	+ T2D risk	Body
cg05139081	TPCN1	chr12	0.212277606	+ T2D risk	Body
cg14325029	GRK5	chr10	0.212277606	+ T2D risk	Body
cg19473056	ULK4	chr3	0.212277606	+ T2D risk	5'UTR
cg06173663	CUX1	chr7	0.212277606	+ T2D risk	Body
cg06976634	CHID1	chr11	0.212277606	+ T2D risk	Body
cg19216660	SGSM2	chr17	0.212277606	+ T2D risk	Body
cg06010390	CUX1	chr7	0.212277606	+ T2D risk	Body
cg11096675	SGSM2	chr17	0.212277606	+ T2D risk	Body
cg08897188	PRKAG2	chr7	0.212277606	+ T2D risk	5'UTR
cg08897188	PRKAG2	chr7	0.212277606	+ T2D risk	Body
cg13475977	CRYL1	chr13	0.212277606	+ T2D risk	Body
cg21490485	PACS2	chr14	0.212277606	+ T2D risk	Body
cg03844838	DIP2C	chr10	0.212277606	+ T2D risk	Body
cg24340453	SLC29A4	chr7	0.212277606	+ T2D risk	3'UTR
cg22147968	CUX2	chr12	0.212277606	+ T2D risk	Body
cg27414105	TBC1D5	chr3	0.212317006	+ T2D risk	5'UTR
cg16544621	PHACTR1	chr6	0.212317194	+ T2D risk	Body
cg17308981	CHFR	chr12	0.21235352	- T2D risk	Body
cg01067802	CDH22	chr20	0.212587926	- T2D risk	Body
cg16418301	CLEC16A	chr16	0.212651406	+ T2D risk	Body
cg02585702	BCAT1	chr12	0.212698058	+ T2D risk	Body
cg02279224	PLAGL1	chr6	0.212713576	- T2D risk	TSS1500
cg20401555	ZHX2	chr8	0.2127354	+ T2D risk	5'UTR
cg15140236	NCOA7	chr6	0.212761856	- T2D risk	Body
cg15140236	NCOA7	chr6	0.212761856	- T2D risk	TSS1500
cg20071652	TTC28	chr22	0.212803507	+ T2D risk	Body
cg06874242	SLC29A4	chr7	0.212811125	- T2D risk	ExonBnd
cg06874242	SLC29A4	chr7	0.212811125	- T2D risk	Body
cg01776199	SRPK2	chr7	0.212838347	- T2D risk	Body
cg26289568	RET	chr10	0.212923741	+ T2D risk	Body
cg27163167	SPAG9	chr17	0.212970061	+ T2D risk	Body
cg08030560	PRKCE	chr2	0.21300193	- T2D risk	Body
cg15389595	PACS1	chr11	0.213075699	+ T2D risk	Body
cg04895233	PLAGL1	chr6	0.21317176	- T2D risk	TSS1500
cg08549692	TJP1	chr15	0.213200962	- T2D risk	Body
cg02752727	SLC30A8	chr8	0.213357504	- T2D risk	TSS200
cg02752727	SLC30A8	chr8	0.213357504	- T2D risk	5'UTR
cg08013143	NOTCH3	chr19	0.213364789	+ T2D risk	Body
cg04900366	PRKAG2	chr7	0.213385467	- T2D risk	Body
cg16151354	DACH1	chr13	0.213496513	+ T2D risk	Body
cg20709200	PRKCE	chr2	0.213498376	- T2D risk	1stExon
cg03150319	CREBBP	chr16	0.213887665	+ T2D risk	Body
cg02307378	TPCN1	chr12	0.213918162	+ T2D risk	Body
cg13749777	TMEM59	chr1	0.213957072	+ T2D risk	TSS1500
cg15119735	SCAF11	chr12	0.213975624	- T2D risk	Body
cg10834070	TBC1D5	chr3	0.213994993	- T2D risk	Body
cg26544559	RBM4	chr11	0.214077874	- T2D risk	Body
cg16594495	PHACTR1	chr6	0.214095461	+ T2D risk	Body
cg09605467	ARL8B	chr3	0.214130538	+ T2D risk	Body
cg24599943	MDM1	chr12	0.214193578	- T2D risk	3'UTR
cg24599943	MDM1	chr12	0.214193578	- T2D risk	Body
cg12872398	KDM4B	chr19	0.214236917	- T2D risk	Body
cg01878356	KDM4B	chr19	0.214268594	+ T2D risk	5'UTR

cg08334000	<i>TTC28</i>	chr22	0.214315793	+ T2D risk	Body
cg17343918	<i>SSB</i>	chr2	0.214386871	- T2D risk	5'UTR
cg17343918	<i>SSB</i>	chr2	0.214386871	- T2D risk	ExonBnd
cg09915376	<i>ZHX2</i>	chr8	0.214400839	- T2D risk	5'UTR
cg11672159	<i>RSF1</i>	chr11	0.214411458	- T2D risk	1stExon
cg11672159	<i>RSF1</i>	chr11	0.214411458	- T2D risk	5'UTR
cg11782515	<i>KDM4B</i>	chr19	0.214474802	+ T2D risk	5'UTR
cg11005943	<i>KCNJ12</i>	chr17	0.214489552	+ T2D risk	Body
cg10593480	<i>EIF1AY</i>	chrY	0.214518534	- T2D risk	Body
cg18694755	<i>ITPKB</i>	chr1	0.214617893	+ T2D risk	Body
cg25986804	<i>NCOA2</i>	chr8	0.214686762	- T2D risk	5'UTR
cg16979355	<i>NOL4</i>	chr18	0.214826321	- T2D risk	5'UTR
cg16979355	<i>NOL4</i>	chr18	0.214826321	- T2D risk	Body
cg24445641	<i>ULK4</i>	chr3	0.214827261	- T2D risk	Body
cg07420274	<i>GAD1</i>	chr2	0.214848838	+ T2D risk	Body
cg03418847	<i>FBXL2</i>	chr3	0.214907356	- T2D risk	Body
cg11757033	<i>WIZ</i>	chr19	0.214925886	- T2D risk	Body
cg12150041	<i>ARHGAP32</i>	chr11	0.215002007	- T2D risk	Body
cg10910267	<i>TANC2</i>	chr17	0.215062389	- T2D risk	TSS1500
cg09441736	<i>CUX1</i>	chr7	0.215315661	+ T2D risk	Body
cg23062425	<i>ITGA1</i>	chr5	0.215563555	- T2D risk	TSS200
cg06306674	<i>TANC2</i>	chr17	0.215695395	+ T2D risk	Body
cg25860737	<i>GALK2</i>	chr15	0.215700456	+ T2D risk	Body
cg25860737	<i>GALK2</i>	chr15	0.215700456	+ T2D risk	TSS1500
cg04783508	<i>DIP2C</i>	chr10	0.215734274	- T2D risk	Body
cg02770054	<i>ATP4A</i>	chr19	0.216135207	- T2D risk	Body
cg25802535	<i>MAN1A2</i>	chr1	0.216157048	+ T2D risk	Body
cg25079492	<i>CLEC16A</i>	chr16	0.216174362	- T2D risk	Body
cg17841456	<i>RGS7</i>	chr1	0.21622104	- T2D risk	Body
cg04449354	<i>PLEKHG3</i>	chr14	0.216524433	- T2D risk	Body
cg14930864	<i>YWHAQ</i>	chr2	0.216595988	- T2D risk	Body
cg01372618	<i>PRKAG2</i>	chr7	0.216863572	- T2D risk	Body
cg03721064	<i>DDC</i>	chr7	0.216941228	- T2D risk	Body
cg07716110	<i>NCOR1</i>	chr17	0.216984199	- T2D risk	Body
cg24477583	<i>CMTR1</i>	chr6	0.217021912	- T2D risk	ExonBnd
cg24477583	<i>CMTR1</i>	chr6	0.217021912	- T2D risk	Body
cg16391321	<i>TSGA10</i>	chr2	0.217105687	+ T2D risk	5'UTR
cg06933137	<i>PACRG</i>	chr6	0.217114086	- T2D risk	Body
cg04465049	<i>NPEPPS</i>	chr17	0.21726485	+ T2D risk	Body
cg06697448	<i>LMCD1</i>	chr3	0.217355443	+ T2D risk	Body
cg25797865	<i>CDK8</i>	chr13	0.217592251	+ T2D risk	Body
cg25195309	<i>ENAH</i>	chr1	0.217669348	+ T2D risk	Body
cg00700008	<i>USP53</i>	chr4	0.217696801	- T2D risk	5'UTR
cg09999998	<i>SEZ6L</i>	chr22	0.217737763	+ T2D risk	Body
cg25830094	<i>ASH1L</i>	chr1	0.217758042	- T2D risk	TSS200
cg21368511	<i>RSF1</i>	chr11	0.217768376	+ T2D risk	Body
cg18542050	<i>ATP2B1</i>	chr12	0.21777064	+ T2D risk	Body
cg23954193	<i>STX6</i>	chr1	0.217838084	- T2D risk	Body
cg25067242	<i>NGF</i>	chr1	0.217859325	- T2D risk	TSS1500
cg02105817	<i>DYNC1I2</i>	chr2	0.217865754	+ T2D risk	5'UTR
cg13014457	<i>CADM1</i>	chr11	0.217906475	- T2D risk	Body
cg24305421	<i>SLC30A8</i>	chr8	0.217976527	- T2D risk	5'UTR
cg05033322	<i>NPAT</i>	chr11	0.218119623	- T2D risk	1stExon
cg13210567	<i>DIP2C</i>	chr10	0.218126874	- T2D risk	Body
cg02324676	<i>PRKAG2</i>	chr7	0.218154187	- T2D risk	Body
cg02747390	<i>SRPK2</i>	chr7	0.218168971	+ T2D risk	Body
cg19807968	<i>SLC7A2</i>	chr8	0.218185181	+ T2D risk	TSS200
cg19807968	<i>SLC7A2</i>	chr8	0.218185181	+ T2D risk	5'UTR
cg18558455	<i>CUX1</i>	chr7	0.218203862	- T2D risk	Body
cg17160687	<i>UXS1</i>	chr2	0.218247941	+ T2D risk	Body
cg10578504	<i>SLC30A8</i>	chr8	0.218315997	+ T2D risk	5'UTR
cg10578504	<i>SLC30A8</i>	chr8	0.218315997	+ T2D risk	TSS1500
cg10320783	<i>CADM1</i>	chr11	0.218367238	- T2D risk	Body
cg16381371	<i>KREMEN1</i>	chr22	0.218459443	- T2D risk	Body
cg08863440	<i>GAD1</i>	chr2	0.218483207	+ T2D risk	Body
cg17908389	<i>PICALM</i>	chr11	0.218621499	+ T2D risk	ExonBnd
cg17908389	<i>PICALM</i>	chr11	0.218621499	+ T2D risk	Body
cg14015156	<i>GRK5</i>	chr10	0.21871989	+ T2D risk	Body
cg13433214	<i>PRKACB</i>	chr1	0.218750259	+ T2D risk	Body
cg13433214	<i>PRKACB</i>	chr1	0.218750259	+ T2D risk	TSS200

cg11105563	DIP2C	chr10	0.218822547	- T2D risk	Body
cg13810766	PRKAG2	chr7	0.218898755	+ T2D risk	Body
cg20368567	NF1	chr17	0.218948641	+ T2D risk	Body
cg03825370	APBA1	chr9	0.219031429	+ T2D risk	TSS1500
cg21462724	RAP1GAP2	chr17	0.219120194	- T2D risk	Body
cg00552490	UXS1	chr2	0.219135431	+ T2D risk	Body
cg14413887	ARID2	chr12	0.219161008	- T2D risk	Body
cg05229655	NOL4	chr18	0.219161349	- T2D risk	Body
cg15959113	TENM2	chr5	0.219169667	- T2D risk	Body
cg11768925	PRKACB	chr1	0.219189688	- T2D risk	Body
cg11768925	PRKACB	chr1	0.219189688	- T2D risk	TSS1500
cg22326973	UBE2K	chr4	0.219340014	+ T2D risk	Body
cg26688665	SCAF8	chr6	0.21936086	- T2D risk	Body
cg22080435	CRYL1	chr13	0.219385249	+ T2D risk	TSS200
cg08894980	CUX2	chr12	0.21939771	- T2D risk	Body
cg03888365	ZHX2	chr8	0.21941153	+ T2D risk	TSS1500
cg14846425	SMG7	chr1	0.219560157	+ T2D risk	Body
cg06858773	DACH1	chr13	0.219675713	- T2D risk	Body
cg09909601	INPP4A	chr2	0.219705397	- T2D risk	5'UTR
cg27228042	FAM160A1	chr4	0.220081546	- T2D risk	5'UTR
cg14739284	CNTNAP2	chr7	0.220097611	- T2D risk	Body
cg23364632	PHACTR1	chr6	0.220108148	+ T2D risk	Body
cg20983178	TENM2	chr5	0.220233797	+ T2D risk	Body
cg23838527	ATXN1	chr6	0.220277132	+ T2D risk	5'UTR
cg18328894	CPLX2	chr5	0.220394122	- T2D risk	5'UTR
cg23031705	TTC28	chr22	0.220424598	+ T2D risk	Body
cg13293126	CPLX2	chr5	0.220441995	+ T2D risk	5'UTR
cg24239882	ST8SIA1	chr12	0.220447718	- T2D risk	TSS1500
cg00113208	CUL1	chr7	0.22055674	+ T2D risk	TSS1500
cg03132727	STX6	chr1	0.220598453	- T2D risk	Body
cg00782811	RCAN2	chr6	0.22070299	+ T2D risk	TSS1500
cg04030141	ATXN1	chr6	0.220742285	+ T2D risk	5'UTR
cg05130386	CLASP2	chr3	0.220807872	- T2D risk	Body
cg19952216	CRYL1	chr13	0.220930952	- T2D risk	Body
cg19087217	CADM1	chr11	0.220945595	- T2D risk	Body
cg10037027	SSB	chr2	0.22100183	+ T2D risk	1stExon
cg10037027	SSB	chr2	0.22100183	+ T2D risk	5'UTR
cg22928999	FBXO11	chr2	0.221101376	+ T2D risk	Body
cg16893488	NCOA2	chr8	0.22115742	+ T2D risk	5'UTR
cg22202558	CUX1	chr7	0.221274683	+ T2D risk	Body
cg07479001	BCAT1	chr12	0.221445292	+ T2D risk	Body
cg06150819	ARPP19	chr15	0.221496508	+ T2D risk	5'UTR
cg06150819	ARPP19	chr15	0.221496508	+ T2D risk	1stExon
cg06150819	ARPP19	chr15	0.221496508	+ T2D risk	TSS200
cg12983550	SEZ6L	chr22	0.221599941	+ T2D risk	Body
cg23814223	COL4A1	chr13	0.221606605	+ T2D risk	Body
cg19330292	POC1B	chr12	0.221619057	- T2D risk	Body
cg19330292	POC1B	chr12	0.221619057	- T2D risk	5'UTR
cg17843143	IFT74	chr9	0.221625027	- T2D risk	TSS1500
cg08692211	MEIS2	chr15	0.221656009	+ T2D risk	Body
cg18857021	ARL15	chr5	0.2217243	- T2D risk	TSS1500
cg08980987	BCAT1	chr12	0.221883361	+ T2D risk	Body
cg26641425	CMTR1	chr6	0.222005919	- T2D risk	Body
cg06431586	KIAA0355	chr19	0.222038918	- T2D risk	TSS200
cg20191365	NOL4	chr18	0.222263363	+ T2D risk	5'UTR
cg20191365	NOL4	chr18	0.222263363	+ T2D risk	Body
cg00702231	PLAGL1	chr6	0.222270377	+ T2D risk	5'UTR
cg00702231	PLAGL1	chr6	0.222270377	+ T2D risk	1stExon
cg18080303	LAMA4	chr6	0.222276411	- T2D risk	TSS1500
cg19989141	ST6GAL1	chr3	0.222308636	- T2D risk	5'UTR
cg24123860	TENM2	chr5	0.222506332	+ T2D risk	Body
cg04932802	MGRN1	chr16	0.222564671	- T2D risk	Body
cg16311613	PACS1	chr11	0.222596841	- T2D risk	Body
cg03432172	CUX1	chr7	0.222598267	- T2D risk	Body
cg15446032	AGPAT3	chr21	0.222738446	- T2D risk	5'UTR
cg15446032	AGPAT3	chr21	0.222738446	- T2D risk	TSS1500
cg17889682	DYNC111	chr7	0.22277549	+ T2D risk	5'UTR
cg27291710	NGF	chr1	0.222921286	+ T2D risk	5'UTR
cg05322822	INPP4A	chr2	0.223058814	- T2D risk	TSS1500
cg10799249	DIP2C	chr10	0.223180063	+ T2D risk	Body

cg06626733	<i>RAP1GAP2</i>	chr17	0.223231543	+ T2D risk	Body
cg14485156	<i>RSF1</i>	chr11	0.223249848	- T2D risk	Body
cg21211144	<i>NCOR1</i>	chr17	0.223350324	+ T2D risk	TSS200
cg15012864	<i>ITPKB</i>	chr1	0.223485548	- T2D risk	Body
cg05609864	<i>RBBP6</i>	chr16	0.223496036	+ T2D risk	TSS1500
cg08953938	<i>RTN4</i>	chr2	0.223641798	- T2D risk	Body
cg05038241	<i>GRK5</i>	chr10	0.223690669	+ T2D risk	Body
cg15565593	<i>GLG1</i>	chr16	0.223736504	- T2D risk	Body
cg15827752	<i>LMX1B</i>	chr9	0.22398918	+ T2D risk	Body
cg15070945	<i>MTHFS</i>	chr15	0.224113758	- T2D risk	Body
cg03846063	<i>PRKCE</i>	chr2	0.22434484	- T2D risk	Body
cg25225968	<i>LMCD1</i>	chr3	0.22435819	+ T2D risk	TSS1500
cg11454606	<i>CHKA</i>	chr11	0.224389162	- T2D risk	TSS200
cg10481617	<i>PHACTR1</i>	chr6	0.224595388	+ T2D risk	Body
cg02129643	<i>KDR</i>	chr4	0.224639644	- T2D risk	Body
cg27484945	<i>WIZ</i>	chr19	0.224724065	+ T2D risk	TSS1500
cg04630908	<i>DIP2C</i>	chr10	0.22502295	+ T2D risk	3'UTR
cg15635472	<i>TPCN1</i>	chr12	0.225190405	- T2D risk	5'UTR
cg15635472	<i>TPCN1</i>	chr12	0.225190405	- T2D risk	1stExon
cg03434319	<i>PRKCB</i>	chr16	0.225239832	+ T2D risk	Body
cg03109553	<i>ATRNL1</i>	chr10	0.22524422	- T2D risk	Body
cg11687389	<i>PHACTR1</i>	chr6	0.225262593	+ T2D risk	Body
cg18314121	<i>ENAH</i>	chr1	0.225374532	+ T2D risk	Body
cg05308829	<i>GNA12</i>	chr7	0.225547919	- T2D risk	Body
cg03247739	<i>CREBBP</i>	chr16	0.225550863	+ T2D risk	Body
cg20674067	<i>SEZ6L</i>	chr22	0.225551717	+ T2D risk	Body
cg03097819	<i>PRKAG2</i>	chr7	0.22558712	+ T2D risk	Body
cg24503966	<i>NOL4</i>	chr18	0.225679028	- T2D risk	TSS1500
cg24503966	<i>NOL4</i>	chr18	0.225679028	- T2D risk	TSS200
cg07932921	<i>DLL4</i>	chr15	0.22574951	- T2D risk	TSS200
cg05782976	<i>WWP2</i>	chr16	0.225837922	- T2D risk	Body
cg02263703	<i>PRKCE</i>	chr2	0.225898358	+ T2D risk	Body
cg26843612	<i>ATXN1</i>	chr6	0.225981613	- T2D risk	5'UTR
cg16218074	<i>RCAN2</i>	chr6	0.226044884	+ T2D risk	Body
cg26083045	<i>LMCD1</i>	chr3	0.22614763	+ T2D risk	Body
cg23883807	<i>ATXN1</i>	chr6	0.226183457	+ T2D risk	5'UTR
cg18414253	<i>ANK2</i>	chr4	0.226269072	- T2D risk	Body
cg10684297	<i>TBC1D5</i>	chr3	0.226310905	- T2D risk	5'UTR
cg03177729	<i>SEC31A</i>	chr4	0.22634142	+ T2D risk	5'UTR
cg07031665	<i>RSF1</i>	chr11	0.226359068	+ T2D risk	TSS1500
cg14998312	<i>ARL15</i>	chr5	0.226434571	- T2D risk	Body
cg13271643	<i>CRYL1</i>	chr13	0.226461179	- T2D risk	Body
cg14957660	<i>DIP2C</i>	chr10	0.22654434	- T2D risk	Body
cg23351327	<i>PRKAG2</i>	chr7	0.22663102	+ T2D risk	Body
cg22355498	<i>SRPK2</i>	chr7	0.226676683	+ T2D risk	Body
cg22355498	<i>SRPK2</i>	chr7	0.226676683	+ T2D risk	5'UTR
cg21105876	<i>DIP2C</i>	chr10	0.226793722	- T2D risk	Body
cg07604514	<i>MDM1</i>	chr12	0.226848153	- T2D risk	Body
cg16592149	<i>PDLIM5</i>	chr4	0.22707986	+ T2D risk	Body
cg05673731	<i>PTPRU</i>	chr1	0.227347128	+ T2D risk	Body
ch.4.2917740F	<i>FNIP2</i>	chr4	0.227398558	+ T2D risk	Body
cg00584106	<i>ANK2</i>	chr4	0.227572815	+ T2D risk	Body
cg17659271	<i>SLC29A4</i>	chr7	0.227582372	- T2D risk	Body
cg07029277	<i>TSC22D1</i>	chr13	0.227635633	+ T2D risk	1stExon
cg07029277	<i>TSC22D1</i>	chr13	0.227635633	+ T2D risk	5'UTR
cg23465749	<i>ARID2</i>	chr12	0.227655161	- T2D risk	TSS200
cg23485716	<i>DIP2C</i>	chr10	0.227698369	+ T2D risk	Body
cg00644447	<i>DIP2C</i>	chr10	0.22771676	- T2D risk	Body
cg01151886	<i>PRKAG2</i>	chr7	0.227840526	+ T2D risk	Body
cg00605763	<i>DLL4</i>	chr15	0.227896354	+ T2D risk	Body
ch.1.3587792F	<i>SMG7</i>	chr1	0.228105606	+ T2D risk	Body
cg15507440	<i>PDE3A</i>	chr12	0.228247478	+ T2D risk	TSS200
cg22438356	<i>PACS1</i>	chr11	0.228301457	+ T2D risk	Body
cg27632318	<i>RGS7</i>	chr1	0.228323733	+ T2D risk	Body
cg24723476	<i>DIP2C</i>	chr10	0.228343344	+ T2D risk	Body
cg01973676	<i>CUX1</i>	chr7	0.228362277	+ T2D risk	Body
cg07124173	<i>EIF4EBP3</i>	chr5	0.228378529	- T2D risk	TSS200
cg18906283	<i>UBE2K</i>	chr4	0.228632458	- T2D risk	Body
cg09525324	<i>PDLIM5</i>	chr4	0.228673034	- T2D risk	TSS200
cg13784237	<i>KCNIP3</i>	chr2	0.228681998	- T2D risk	Body

cg02433905	ATP6V1A	chr3	0.22872702	- T2D risk	TSS1500
cg17446199	KDM4B	chr19	0.22873868	+ T2D risk	5'UTR
cg21283302	CUX1	chr7	0.228749611	+ T2D risk	Body
cg22534967	RHOA	chr3	0.228853906	- T2D risk	TSS200
cg26368594	ANK3	chr10	0.228855696	+ T2D risk	Body
cg23401436	HNRNP2B1	chr7	0.228864264	- T2D risk	3'UTR
cg19484260	ACTN4	chr19	0.228991349	- T2D risk	Body
cg00095626	GNA12	chr7	0.229040665	- T2D risk	Body
cg16865135	RTN4	chr2	0.229266847	+ T2D risk	TSS1500
cg16865135	RTN4	chr2	0.229266847	+ T2D risk	Body
cg17254176	PRKAG2	chr7	0.229274033	- T2D risk	Body
cg04770940	ARHGAP32	chr11	0.22932292	- T2D risk	Body
cg04502704	DDHD2	chr8	0.229514469	- T2D risk	Body
cg22886643	FNIP2	chr4	0.229749926	+ T2D risk	Body
cg02712585	KDM4B	chr19	0.229771847	+ T2D risk	Body
cg23132302	RAP1GAP2	chr17	0.22978677	- T2D risk	Body
cg02810494	CLEC16A	chr16	0.229790064	- T2D risk	Body
cg09600585	CDH22	chr20	0.229865217	- T2D risk	5'UTR
cg04655520	CALD1	chr7	0.22989838	- T2D risk	1stExon
cg04655520	CALD1	chr7	0.22989838	- T2D risk	Body
cg04655520	CALD1	chr7	0.22989838	- T2D risk	5'UTR
cg08674349	PACRG	chr6	0.229919645	- T2D risk	Body
cg01500851	RHOQ	chr2	0.229987209	+ T2D risk	TSS1500
cg23371754	ANK2	chr4	0.230077774	+ T2D risk	Body
cg13360249	ARL15	chr5	0.230083482	- T2D risk	Body
cg02889558	CLEC16A	chr16	0.230114624	+ T2D risk	3'UTR
cg06089298	SCAF8	chr6	0.230127381	- T2D risk	Body
cg22639895	KCNJ12	chr17	0.230135978	+ T2D risk	TSS200
cg20818806	COL4A1	chr13	0.230521059	- T2D risk	Body
cg10505247	PFKFB2	chr1	0.230618765	+ T2D risk	TSS200
cg09304293	PACRG	chr6	0.230619478	- T2D risk	Body
cg17286640	KDR	chr4	0.230620446	- T2D risk	Body
cg01900788	PACS2	chr14	0.23063253	+ T2D risk	Body
cg18399451	ATXN1	chr6	0.230817816	+ T2D risk	5'UTR
cg11566894	ACTN4	chr19	0.230930594	+ T2D risk	Body
cg09454524	PRKCE	chr2	0.230932217	+ T2D risk	Body
cg11804248	GALK2	chr15	0.230965596	+ T2D risk	TSS200
cg17836487	TMEM131	chr2	0.231001541	+ T2D risk	Body
cg13785200	RAP1GAP2	chr17	0.23105183	+ T2D risk	Body
cg01766077	ARL15	chr5	0.231369737	- T2D risk	Body
cg10252135	PDE7A	chr8	0.23138289	- T2D risk	TSS1500
cg01615815	CNTNAP2	chr7	0.231480408	- T2D risk	Body
cg05265414	COL4A1	chr13	0.23161416	+ T2D risk	Body
cg11239445	CALD1	chr7	0.231627806	+ T2D risk	Body
cg27172310	ATP6V1A	chr3	0.231631316	- T2D risk	5'UTR
cg18239942	PACS2	chr14	0.231640655	+ T2D risk	Body
cg09767960	CUL1	chr7	0.231645009	- T2D risk	Body
cg11653336	CHFR	chr12	0.231688752	+ T2D risk	TSS1500
cg02867373	ITPKB	chr1	0.23175582	+ T2D risk	Body
cg25706530	NOL4	chr18	0.231760735	+ T2D risk	Body
cg25706530	NOL4	chr18	0.231760735	+ T2D risk	TSS200
cg13980808	BCAT1	chr12	0.231825754	- T2D risk	Body
cg12634271	MEIS2	chr15	0.23188849	- T2D risk	3'UTR
cg12634271	MEIS2	chr15	0.23188849	- T2D risk	Body
cg18105702	CUX2	chr12	0.231946218	+ T2D risk	Body
cg04807239	ANK2	chr4	0.232009318	- T2D risk	Body
cg18630348	PACRG	chr6	0.232044243	- T2D risk	Body
cg14936601	CUX1	chr7	0.232065774	- T2D risk	Body
cg26276369	PRKAG2	chr7	0.232093098	- T2D risk	5'UTR
cg26276369	PRKAG2	chr7	0.232093098	- T2D risk	1stExon
cg26276369	PRKAG2	chr7	0.232093098	- T2D risk	Body
cg04017584	CUX1	chr7	0.232324747	+ T2D risk	3'UTR
cg04017584	CUX1	chr7	0.232324747	+ T2D risk	Body
cg24357619	MEIS2	chr15	0.232371334	+ T2D risk	Body
cg27444700	KIAA1217	chr10	0.232478665	- T2D risk	Body
cg24040299	PACS2	chr14	0.232598515	+ T2D risk	Body
cg05989951	AGPAT3	chr21	0.232627822	+ T2D risk	5'UTR
cg05989951	AGPAT3	chr21	0.232627822	+ T2D risk	ExonBnd
cg18923228	CREBBP	chr16	0.232768866	- T2D risk	Body
cg14656131	UNC80	chr2	0.232823954	- T2D risk	TSS200

cg00727112	<i>FNIP2</i>	chr4	0.232845022	+ T2D risk	1stExon
cg22935319	<i>TOP2A</i>	chr17	0.232919887	- T2D risk	3'UTR
cg13849378	<i>RGS7</i>	chr1	0.232941802	- T2D risk	1stExon
cg13849378	<i>RGS7</i>	chr1	0.232941802	- T2D risk	5'UTR
cg07101082	<i>NCOA2</i>	chr8	0.233077789	- T2D risk	Body
cg21287519	<i>SGSM2</i>	chr17	0.233163388	+ T2D risk	Body
cg00746693	<i>KIAA0355</i>	chr19	0.233170002	- T2D risk	5'UTR
cg18970103	<i>CNTNAP2</i>	chr7	0.233289988	- T2D risk	Body
cg08539841	<i>KIAA1217</i>	chr10	0.233326126	- T2D risk	TSS200
cg07293993	<i>MTHFS</i>	chr15	0.233364144	+ T2D risk	Body
cg17808132	<i>PPP1R12A</i>	chr12	0.233384432	+ T2D risk	Body
cg14916924	<i>LMX1B</i>	chr9	0.233388466	+ T2D risk	Body
cg12607378	<i>SLIT3</i>	chr5	0.233427015	- T2D risk	Body
cg18324798	<i>DNAH9</i>	chr17	0.233428078	- T2D risk	1stExon
cg01914991	<i>DNAJC13</i>	chr3	0.233466455	- T2D risk	TSS1500
cg13564889	<i>CPLX2</i>	chr5	0.233528262	- T2D risk	5'UTR
cg14378798	<i>LMX1B</i>	chr9	0.233683375	+ T2D risk	Body
cg18764438	<i>SNX4</i>	chr3	0.233741617	+ T2D risk	Body
cg04678096	<i>GALK2</i>	chr15	0.233888536	- T2D risk	Body
cg13759778	<i>NF1</i>	chr17	0.234007699	+ T2D risk	Body
cg00205501	<i>PRKCE</i>	chr2	0.234055458	+ T2D risk	Body
cg05727605	<i>MET</i>	chr7	0.234137864	- T2D risk	Body
cg21315874	<i>ST20</i>	chr15	0.234300746	+ T2D risk	5'UTR
cg11416338	<i>PDE3A</i>	chr12	0.234314088	+ T2D risk	1stExon
cg20634940	<i>DIP2C</i>	chr10	0.234322905	+ T2D risk	Body
cg25050951	<i>TJP1</i>	chr15	0.234323524	- T2D risk	TSS1500
cg08526412	<i>TMEM59</i>	chr1	0.234377362	- T2D risk	TSS1500
cg16901821	<i>TMEM131</i>	chr2	0.234447074	+ T2D risk	Body
cg02693745	<i>ATRN</i>	chr20	0.234593282	+ T2D risk	TSS1500
cg12511023	<i>PACS1</i>	chr11	0.234715558	+ T2D risk	Body
cg06649805	<i>RGS7</i>	chr1	0.234818302	- T2D risk	Body
cg14670266	<i>INPP4A</i>	chr2	0.234935174	+ T2D risk	5'UTR
cg01609612	<i>ATXN1</i>	chr6	0.234939695	+ T2D risk	5'UTR
cg19821840	<i>CLASP2</i>	chr3	0.234941704	- T2D risk	TSS1500
cg24255115	<i>TJP1</i>	chr15	0.234945727	- T2D risk	Body
cg11074362	<i>DENND4C</i>	chr9	0.2349688	+ T2D risk	Body
cg08950508	<i>PRKACB</i>	chr1	0.235003132	+ T2D risk	Body
cg01803284	<i>DDC</i>	chr7	0.235067714	- T2D risk	Body
cg19898425	<i>PACS2</i>	chr14	0.235077434	+ T2D risk	5'UTR
cg19898425	<i>PACS2</i>	chr14	0.235077434	+ T2D risk	Body
cg13978466	<i>UNC80</i>	chr2	0.235116798	+ T2D risk	Body
cg10747758	<i>ATRNL1</i>	chr10	0.235137217	+ T2D risk	Body
cg04264638	<i>CLOCK</i>	chr4	0.235279905	- T2D risk	5'UTR
cg14409987	<i>PRKCE</i>	chr2	0.235347226	- T2D risk	Body
cg16241421	<i>CUX2</i>	chr12	0.235776761	+ T2D risk	Body
cg10521786	<i>PRKCE</i>	chr2	0.235852242	- T2D risk	Body
cg21637886	<i>BCAT1</i>	chr12	0.235968003	+ T2D risk	Body
cg01194982	<i>SLC30A8</i>	chr8	0.236023413	- T2D risk	5'UTR
cg01194982	<i>SLC30A8</i>	chr8	0.236023413	- T2D risk	1stExon
cg01194982	<i>SLC30A8</i>	chr8	0.236023413	- T2D risk	TSS1500
cg12651137	<i>KCNIP3</i>	chr2	0.236031806	+ T2D risk	Body
cg13280524	<i>UBE2K</i>	chr4	0.236079835	+ T2D risk	Body
cg06531595	<i>PDE5A</i>	chr4	0.236173102	- T2D risk	Body
cg03886752	<i>TMEM219</i>	chr16	0.236221586	- T2D risk	5'UTR
cg07515170	<i>PPP1R12A</i>	chr12	0.236322828	+ T2D risk	TSS1500
cg24284571	<i>DIP2C</i>	chr10	0.236488319	+ T2D risk	Body
cg18625951	<i>CNTNAP2</i>	chr7	0.23660529	- T2D risk	Body
cg23715559	<i>NUP98</i>	chr11	0.236648511	+ T2D risk	TSS1500
cg14929320	<i>ARIH1</i>	chr15	0.236672947	- T2D risk	Body
cg23470864	<i>EFCAB14</i>	chr1	0.236706234	+ T2D risk	TSS200
cg14407719	<i>LAP3</i>	chr4	0.236796086	- T2D risk	Body
cg03668835	<i>TBC1D5</i>	chr3	0.23679688	+ T2D risk	5'UTR
cg03668835	<i>TBC1D5</i>	chr3	0.23679688	+ T2D risk	1stExon
cg17514942	<i>SUB1</i>	chr5	0.236859188	- T2D risk	5'UTR
cg03740159	<i>SRPK2</i>	chr7	0.23698444	- T2D risk	TSS200
cg04022888	<i>ITPKB</i>	chr1	0.237006806	+ T2D risk	Body
cg07473223	<i>PACS2</i>	chr14	0.237194548	- T2D risk	Body
cg26749690	<i>CEP126</i>	chr11	0.237239497	+ T2D risk	Body
cg23563350	<i>SSBP2</i>	chr5	0.237259598	+ T2D risk	Body
cg13657981	<i>CALD1</i>	chr7	0.237404147	- T2D risk	Body

cg02784144	GPC4	chrX	0.237417694	+ T2D risk	Body
cg12808565	DIP2C	chr10	0.237436772	- T2D risk	Body
cg03082335	NCOA2	chr8	0.237438107	- T2D risk	Body
cg05694499	AMD1	chr6	0.237620921	- T2D risk	5'UTR
cg05694499	AMD1	chr6	0.237620921	- T2D risk	Body
cg22549086	PRKCE	chr2	0.237657126	+ T2D risk	Body
cg00889791	NCOA7	chr6	0.237784121	- T2D risk	5'UTR
cg00889791	NCOA7	chr6	0.237784121	- T2D risk	Body
cg26884806	PACS2	chr14	0.237859974	+ T2D risk	Body
cg06061536	ULK4	chr3	0.23786931	+ T2D risk	Body
cg10589720	DACH1	chr13	0.237935664	- T2D risk	Body
cg01383349	CREBBP	chr16	0.238270692	+ T2D risk	Body
cg13613280	NGF	chr1	0.238295476	+ T2D risk	TSS200
cg01012082	NCOA2	chr8	0.238305978	+ T2D risk	3'UTR
cg16784366	LMCD1	chr3	0.238321075	- T2D risk	Body
cg00499857	DENND4C	chr9	0.238441161	+ T2D risk	Body
cg00665816	APBA1	chr9	0.238456995	- T2D risk	Body
cg24061580	PRKAG2	chr7	0.238548237	+ T2D risk	5'UTR
cg24061580	PRKAG2	chr7	0.238548237	+ T2D risk	1stExon
cg13150071	CRYL1	chr13	0.238598219	+ T2D risk	Body
cg06665622	RCAN2	chr6	0.238723614	- T2D risk	TSS200
cg01191065	DNAH9	chr17	0.23877823	- T2D risk	TSS1500
cg01191065	DNAH9	chr17	0.23877823	- T2D risk	Body
cg18772376	ST8SIA1	chr12	0.238886791	- T2D risk	Body
cg16998466	SH3GL2	chr9	0.239034467	- T2D risk	Body
cg02105034	SMG7	chr1	0.23909929	+ T2D risk	5'UTR
cg02105034	SMG7	chr1	0.23909929	+ T2D risk	Body
cg10991406	PHF21A	chr11	0.239204026	+ T2D risk	Body
cg05970992	KIAA0232	chr4	0.23920925	+ T2D risk	5'UTR
cg03567939	PRKAG2	chr7	0.239277024	+ T2D risk	5'UTR
cg03567939	PRKAG2	chr7	0.239277024	+ T2D risk	Body
cg17504397	TOP2A	chr17	0.239308112	- T2D risk	TSS1500
cg04569594	SNX4	chr3	0.239321066	+ T2D risk	Body
cg15625480	SGSM2	chr17	0.239467738	+ T2D risk	Body
cg18590709	SPAG9	chr17	0.239469277	+ T2D risk	Body
cg11478105	SCARB2	chr4	0.239518758	- T2D risk	Body
cg18205244	CUX1	chr7	0.239537507	+ T2D risk	Body
cg17773453	PRKCE	chr2	0.239848313	- T2D risk	Body
cg00098053	NCOR1	chr17	0.239857528	+ T2D risk	Body
cg12715421	DDC	chr7	0.240005291	+ T2D risk	TSS1500
cg12715421	DDC	chr7	0.240005291	+ T2D risk	5'UTR
cg04610422	KIAA1217	chr10	0.240015062	+ T2D risk	5'UTR
cg00570368	MYO6	chr6	0.240023899	- T2D risk	5'UTR
cg08211120	CREBBP	chr16	0.24007371	+ T2D risk	Body
cg26147736	KIAA1217	chr10	0.240169724	- T2D risk	Body
cg00598235	LAP3	chr4	0.240235887	- T2D risk	Body
cg18649198	PRKAG2	chr7	0.240391632	- T2D risk	Body
cg02487987	ITGA1	chr5	0.240528456	- T2D risk	Body
cg02334521	DIP2C	chr10	0.240534774	+ T2D risk	Body
cg24874180	DKK2	chr4	0.240548399	- T2D risk	Body
cg18772584	ANK2	chr4	0.240556337	+ T2D risk	Body
cg06461071	ARL15	chr5	0.240592935	- T2D risk	Body
cg09729395	PACRG	chr6	0.240606809	+ T2D risk	Body
cg05642515	GNA12	chr7	0.240626859	+ T2D risk	Body
cg08777703	DACH1	chr13	0.240636867	- T2D risk	Body
cg15104618	RAP1B	chr12	0.240657319	- T2D risk	5'UTR
cg18533833	CHFR	chr12	0.240660145	- T2D risk	TSS1500
cg17808901	WDR48	chr3	0.240692437	+ T2D risk	TSS200
cg25501730	KDM4B	chr19	0.240754526	+ T2D risk	5'UTR
cg04048392	LMX1B	chr9	0.240795214	+ T2D risk	Body
cg25814236	TENM2	chr5	0.240924449	+ T2D risk	Body
cg02238043	ATP8A2	chr13	0.241070333	- T2D risk	Body
cg03670501	SRPK2	chr7	0.241124542	- T2D risk	Body
cg18742528	PHACTR1	chr6	0.241131409	- T2D risk	Body
cg15808673	PRKCE	chr2	0.241183176	- T2D risk	Body
cg09855155	TENM2	chr5	0.241224354	+ T2D risk	Body
cg00778443	RSF1	chr11	0.241308314	- T2D risk	Body
cg18542613	DACH1	chr13	0.241463598	- T2D risk	Body
cg12125241	PDE8A	chr15	0.241480027	- T2D risk	Body
cg02078598	INPP4A	chr2	0.241532695	- T2D risk	Body

cg15898192	CHFR	chr12	0.241552701	+ T2D risk	Body
cg04962621	MGRN1	chr16	0.241581466	+ T2D risk	Body
cg16080656	ARL8B	chr3	0.241610409	- T2D risk	TSS200
cg21332948	AGPAT3	chr21	0.241694578	+ T2D risk	5'UTR
cg07033239	PACS1	chr11	0.241761756	+ T2D risk	Body
cg19344315	ATXN1	chr6	0.241934385	- T2D risk	5'UTR
cg26434332	CADM1	chr11	0.242078702	- T2D risk	Body
cg06579558	NQO1	chr16	0.242091518	- T2D risk	Body
cg14022656	COL4A1	chr13	0.242154721	+ T2D risk	Body
cg08012845	GLG1	chr16	0.242438116	+ T2D risk	3'UTR
cg08012845	GLG1	chr16	0.242438116	+ T2D risk	Body
cg26107538	CNTNAP2	chr7	0.242471297	+ T2D risk	Body
cg26236775	NCOA7	chr6	0.242494711	- T2D risk	5'UTR
cg26236775	NCOA7	chr6	0.242494711	- T2D risk	TSS1500
cg27037537	KANTR	chrX	0.242549248	+ T2D risk	Body
cg17570555	FAM160A1	chr4	0.242638257	- T2D risk	Body
cg25412138	TPCN1	chr12	0.242640013	- T2D risk	Body
cg14359656	SPAG9	chr17	0.242647284	- T2D risk	Body
cg22473770	NF1	chr17	0.242673427	- T2D risk	Body
cg00891664	CDH22	chr20	0.242741072	- T2D risk	Body
cg14368117	MEIS2	chr15	0.242766637	+ T2D risk	Body
cg21879740	SKAP1	chr17	0.242808019	- T2D risk	Body
cg02144458	PRKCE	chr2	0.242829725	+ T2D risk	Body
cg14645844	ZHX2	chr8	0.242831578	+ T2D risk	5'UTR
cg01423695	PRKAG2	chr7	0.242848509	+ T2D risk	5'UTR
cg01423695	PRKAG2	chr7	0.242848509	+ T2D risk	Body
cg03320208	TENM2	chr5	0.242874456	- T2D risk	Body
cg15820610	KDM4B	chr19	0.242903465	- T2D risk	Body
cg18236477	ATP8A2	chr13	0.242924775	+ T2D risk	Body
cg18078795	KCNIP3	chr2	0.243114721	+ T2D risk	Body
cg00321115	FLT1	chr13	0.243158453	+ T2D risk	Body
cg00321115	FLT1	chr13	0.243158453	+ T2D risk	3'UTR
cg11677960	NCOR1	chr17	0.243351965	- T2D risk	Body
cg25401482	KDM4B	chr19	0.243427844	+ T2D risk	Body
cg19521438	ATRNL1	chr10	0.243511394	- T2D risk	Body
cg11323828	DLL4	chr15	0.24359002	+ T2D risk	3'UTR
cg02132909	DYNC111	chr7	0.243632552	- T2D risk	Body
cg06718419	POLA1	chrX	0.243704463	- T2D risk	ExonBnd
cg06718419	POLA1	chrX	0.243704463	- T2D risk	Body
cg21350153	KCNIP3	chr2	0.243747226	+ T2D risk	Body
cg05930502	KDM4B	chr19	0.243757654	- T2D risk	Body
cg24132146	PHACTR1	chr6	0.243845671	+ T2D risk	TSS1500
cg21000520	ROBO2	chr3	0.243974333	- T2D risk	5'UTR
cg21000520	ROBO2	chr3	0.243974333	- T2D risk	Body
cg13209122	ITPKB	chr1	0.243977771	+ T2D risk	TSS1500
cg05217312	KIAA1217	chr10	0.244013698	- T2D risk	5'UTR
cg19052870	PPFIBP1	chr12	0.24405792	- T2D risk	5'UTR
cg03773731	NOTCH3	chr19	0.244081092	+ T2D risk	Body
cg24647724	DNAH9	chr17	0.244214708	- T2D risk	Body
cg26633695	ANKHD1	chr5	0.244215816	+ T2D risk	Body
cg08351088	ARL8B	chr3	0.244287822	+ T2D risk	Body
cg25336228	NUF2	chr1	0.24441116	- T2D risk	TSS1500
cg10711857	SCARB2	chr4	0.244435985	- T2D risk	Body
cg12991594	TENM2	chr5	0.244468943	+ T2D risk	Body
cg21757513	GRK5	chr10	0.244495671	+ T2D risk	Body
cg13784796	MEIS2	chr15	0.244528534	+ T2D risk	Body
cg18873911	NQO1	chr16	0.24455768	- T2D risk	5'UTR
cg18873911	NQO1	chr16	0.24455768	- T2D risk	1stExon
cg03242869	KIAA1217	chr10	0.244610729	+ T2D risk	5'UTR
cg25450986	TOP2A	chr17	0.244613818	+ T2D risk	TSS200
cg20762590	PRKD1	chr14	0.244676025	- T2D risk	Body
cg04920279	GNA12	chr7	0.244830496	+ T2D risk	Body
cg12978800	PRKAG2	chr7	0.245032816	- T2D risk	Body
cg23478225	PRKCE	chr2	0.245044404	- T2D risk	Body
cg08056517	ULK4	chr3	0.245078431	- T2D risk	Body
cg21078498	ATRNL1	chr20	0.245091632	+ T2D risk	Body
cg24536624	NCOA2	chr8	0.245109568	- T2D risk	Body
cg16031133	ANKHD1	chr5	0.245152759	+ T2D risk	TSS1500
cg06472636	SLIT3	chr5	0.245203254	+ T2D risk	Body
cg07407492	DIP2C	chr10	0.245221694	- T2D risk	Body

cg25864555	MAST1	chr19	0.245403405	- T2D risk	Body
cg12332929	SLIT3	chr5	0.245461307	+ T2D risk	3'UTR
cg10154148	DIP2C	chr10	0.245461657	+ T2D risk	Body
cg03872433	TPCN1	chr12	0.24551161	- T2D risk	TSS1500
cg25275410	ATRN	chr20	0.245717762	- T2D risk	Body
cg04213163	ITPKB	chr1	0.246048745	- T2D risk	Body
cg09031390	CUX1	chr7	0.246055215	- T2D risk	Body
cg17201805	MGRN1	chr16	0.246139506	- T2D risk	Body
cg15077919	AMD1	chr6	0.246244684	+ T2D risk	5'UTR
cg15077919	AMD1	chr6	0.246244684	+ T2D risk	1stExon
cg21201760	INPP4A	chr2	0.246293321	+ T2D risk	ExonBnd
cg21201760	INPP4A	chr2	0.246293321	+ T2D risk	Body
cg02477328	SPAG9	chr17	0.246317625	+ T2D risk	Body
cg08823780	PRKACB	chr1	0.24634692	+ T2D risk	Body
cg06568361	RTN4	chr2	0.246426906	- T2D risk	Body
cg20818337	RTN4	chr2	0.246516789	- T2D risk	TSS200
cg03782762	ARIH1	chr15	0.246549393	- T2D risk	Body
cg23088023	GRK5	chr10	0.246551967	+ T2D risk	Body
cg12935882	WWP2	chr16	0.246626095	+ T2D risk	1stExon
cg12935882	WWP2	chr16	0.246626095	+ T2D risk	5'UTR
cg12935882	WWP2	chr16	0.246626095	+ T2D risk	Body
cg04507925	UNC80	chr2	0.246709541	+ T2D risk	Body
cg13294594	MAST1	chr19	0.246792391	+ T2D risk	1stExon
cg08688512	MEIS2	chr15	0.246838686	- T2D risk	TSS1500
cg08036955	COL4A1	chr13	0.246848183	+ T2D risk	Body
cg18165289	TENM2	chr5	0.246930019	+ T2D risk	Body
cg12939373	DIP2C	chr10	0.246970149	+ T2D risk	Body
cg25790835	SLIT3	chr5	0.247042766	- T2D risk	Body
cg04522984	ANK2	chr4	0.247183918	- T2D risk	Body
cg09724301	GAD1	chr2	0.247209124	- T2D risk	5'UTR
cg22579691	ATP4A	chr19	0.247236191	+ T2D risk	Body
cg26783666	SSB	chr2	0.247269263	- T2D risk	TSS1500
cg27222778	DNAH9	chr17	0.247343614	- T2D risk	TSS1500
cg19839382	KDM4B	chr19	0.247453226	+ T2D risk	Body
cg16397746	RAP2A	chr13	0.247470019	+ T2D risk	Body
cg12110036	SCAF8	chr6	0.247676248	+ T2D risk	Body
cg22776578	CPLX2	chr5	0.247710124	- T2D risk	TSS200
cg11015012	RAP2A	chr13	0.247790007	- T2D risk	Body
cg11472319	AGPAT3	chr21	0.247835077	+ T2D risk	TSS1500
cg13537353	ATP8A2	chr13	0.247918327	+ T2D risk	Body
cg21967713	DIP2C	chr10	0.247939551	+ T2D risk	Body
cg05968188	ATXN1	chr6	0.24796369	- T2D risk	5'UTR
cg13537567	CPLX2	chr5	0.248083478	+ T2D risk	5'UTR
cg08178031	ST6GAL1	chr3	0.24809637	- T2D risk	5'UTR
cg24843499	ATXN1	chr6	0.248183336	- T2D risk	5'UTR
cg09187217	LAP3	chr4	0.248186377	- T2D risk	Body
cg10037326	GRK5	chr10	0.248221682	+ T2D risk	Body
cg01937505	CLOCK	chr4	0.248263361	- T2D risk	5'UTR
cg10173751	RAP1GAP2	chr17	0.248345581	+ T2D risk	Body
cg18470649	CLOCK	chr4	0.248356174	- T2D risk	Body
cg14100888	LMX1B	chr9	0.248359705	- T2D risk	Body
cg15718164	TBC1D5	chr3	0.248388513	+ T2D risk	Body
cg07571638	DIP2C	chr10	0.248412539	+ T2D risk	Body
cg24325309	DIP2C	chr10	0.248420329	+ T2D risk	Body
cg26363263	CUX2	chr12	0.248470155	+ T2D risk	Body
cg27356587	ATXN1	chr6	0.248515904	+ T2D risk	5'UTR
cg10964639	PRKCB	chr16	0.248688437	+ T2D risk	Body
cg18196453	RNF217	chr6	0.248693602	+ T2D risk	Body
cg09435245	CHID1	chr11	0.248731935	+ T2D risk	Body
ch.16.406779R	CLEC16A	chr16	0.248819876	- T2D risk	Body
cg00934626	ATP8A2	chr13	0.248957844	+ T2D risk	Body
cg25793978	WWP2	chr16	0.24897172	- T2D risk	Body
cg08383942	TMEM59	chr1	0.24897185	+ T2D risk	5'UTR
cg08383942	TMEM59	chr1	0.24897185	+ T2D risk	Body
cg25692259	FARSB	chr2	0.249119537	+ T2D risk	Body
cg13380511	PACS1	chr11	0.249149445	- T2D risk	1stExon
cg08051625	CREBBP	chr16	0.249186752	- T2D risk	Body
cg05768078	WWP2	chr16	0.249254691	- T2D risk	5'UTR
cg26463020	SEC31A	chr4	0.249270403	+ T2D risk	TSS1500
cg23240565	NDUFB3	chr2	0.249322201	+ T2D risk	5'UTR

cg23240565	NDUFB3	chr2	0.249322201	+ T2D risk	1stExon
cg15920906	CUX2	chr12	0.249491294	- T2D risk	Body
cg05448504	TSHZ1	chr18	0.249501681	+ T2D risk	5'UTR
cg24737418	NPEPPS	chr17	0.249563834	- T2D risk	Body
cg20586334	UXS1	chr2	0.249675937	+ T2D risk	Body
cg16427743	PLEKHG3	chr14	0.249754578	+ T2D risk	Body
cg18151685	CUX1	chr7	0.249895529	+ T2D risk	Body
cg06650786	NOTCH3	chr19	0.250182016	- T2D risk	TSS1500
cg27552483	CLEC16A	chr16	0.250191429	+ T2D risk	Body
cg16705835	NGLY1	chr3	0.250511296	+ T2D risk	Body
cg05315865	ZDHHC2	chr8	0.250584251	- T2D risk	TSS1500
cg20384615	ATRN	chr20	0.250589307	- T2D risk	Body
cg06354759	CLEC16A	chr16	0.250610385	+ T2D risk	Body
cg12224816	DIP2C	chr10	0.250670673	- T2D risk	Body
cg15105716	TTC28	chr22	0.250865614	- T2D risk	Body
cg06851941	FBXL2	chr3	0.250884193	+ T2D risk	Body
cg20702935	WIZ	chr19	0.250924119	+ T2D risk	5'UTR
cg24857809	TMEM131	chr2	0.250978955	+ T2D risk	Body
cg27542747	ATP8A2	chr13	0.251006369	- T2D risk	Body
cg03928539	KCNJ12	chr17	0.251149857	- T2D risk	TSS200
cg06109812	UBE2K	chr4	0.251267152	- T2D risk	Body
cg01910727	ITPKB	chr1	0.251280213	+ T2D risk	Body
cg12179148	LAMA4	chr6	0.251420181	- T2D risk	Body
cg27650699	ATP8A2	chr13	0.251454779	+ T2D risk	Body
cg11932989	UBL3	chr13	0.251829852	- T2D risk	Body
cg18997564	TJP1	chr15	0.251945942	- T2D risk	Body
cg00284949	ST6GAL1	chr3	0.251981893	+ T2D risk	5'UTR
cg12554655	CPLX2	chr5	0.251991173	- T2D risk	5'UTR
cg12554655	CPLX2	chr5	0.251991173	- T2D risk	1stExon
cg20958559	POC1B	chr12	0.252150741	- T2D risk	ExonBnd
cg20958559	POC1B	chr12	0.252150741	- T2D risk	Body
cg23812119	TMEM131	chr2	0.2521799	+ T2D risk	Body
cg03927165	NUF2	chr1	0.252205353	+ T2D risk	5'UTR
cg00256463	GRK5	chr10	0.252224962	+ T2D risk	Body
cg07474678	PRKACB	chr1	0.252329358	+ T2D risk	Body
cg07474678	PRKACB	chr1	0.252329358	+ T2D risk	TSS1500
cg22570405	PRKCE	chr2	0.25236138	- T2D risk	Body
cg09864183	SPOCK1	chr5	0.25236467	+ T2D risk	Body
cg17633639	DNAJC13	chr3	0.252434554	- T2D risk	Body
cg23771319	DIP2C	chr10	0.252493824	- T2D risk	Body
cg14036758	KIAA0232	chr4	0.252515377	- T2D risk	Body
cg18841660	ARHGAP32	chr11	0.252524117	- T2D risk	Body
cg04432137	CREBBP	chr16	0.252722386	+ T2D risk	Body
cg15618712	PDE3A	chr12	0.252725372	- T2D risk	1stExon
cg05200658	CMTR1	chr6	0.25283135	+ T2D risk	5'UTR
cg00491418	LAMA4	chr6	0.252873932	+ T2D risk	5'UTR
cg12241599	MEIS2	chr15	0.252993538	+ T2D risk	Body
cg27470916	CADM1	chr11	0.253039676	- T2D risk	Body
cg18232597	NF1	chr17	0.253316032	+ T2D risk	Body
cg07282184	RGS7	chr1	0.253330313	+ T2D risk	Body
cg10731022	EIF4EBP3	chr5	0.253403756	+ T2D risk	1stExon
cg10731022	EIF4EBP3	chr5	0.253403756	+ T2D risk	5'UTR
cg16646459	CUX2	chr12	0.253469712	+ T2D risk	Body
cg11291456	RAP1B	chr12	0.253499064	- T2D risk	5'UTR
cg23252899	KDM4B	chr19	0.253681623	- T2D risk	5'UTR
cg07093681	FLT1	chr13	0.253754486	- T2D risk	Body
cg18391757	NPAT	chr11	0.253790236	- T2D risk	TSS200
cg22537964	ATP6V1H	chr8	0.253866178	+ T2D risk	5'UTR
cg08354372	WWP2	chr16	0.253945971	- T2D risk	Body
cg08507917	TTC28	chr22	0.254035871	- T2D risk	Body
cg03352776	CUX2	chr12	0.254119755	- T2D risk	TSS1500
cg25013161	FARSB	chr2	0.254160616	- T2D risk	TSS1500
cg18729871	PACS1	chr11	0.254185832	+ T2D risk	Body
cg00009922	COL4A1	chr13	0.25421692	- T2D risk	Body
cg14695332	ITPKB	chr1	0.254336907	+ T2D risk	Body
cg03518390	PACS2	chr14	0.254377924	+ T2D risk	Body
cg26931308	DNAJC1	chr10	0.254492063	- T2D risk	TSS200
cg05550276	TOX3	chr16	0.254522067	- T2D risk	5'UTR
cg05550276	TOX3	chr16	0.254522067	- T2D risk	Body
cg12794094	PLEKHG3	chr14	0.254540675	+ T2D risk	Body

cg01190164	CNTROB	chr17	0.25472815	- T2D risk	Body
cg24435924	MAST1	chr19	0.254841449	+ T2D risk	Body
cg01221286	WDR47	chr1	0.254936308	- T2D risk	5'UTR
cg03476195	ANK2	chr4	0.254937925	- T2D risk	TSS200
cg03476195	ANK2	chr4	0.254937925	- T2D risk	Body
cg01972495	GRK5	chr10	0.255198573	+ T2D risk	Body
cg25711558	CUX1	chr7	0.255215967	- T2D risk	Body
cg26995689	AGPAT3	chr21	0.255237155	+ T2D risk	Body
cg23805719	CUX1	chr7	0.255248341	- T2D risk	Body
cg20539934	PACS1	chr11	0.255272856	+ T2D risk	Body
cg26161895	FNIP2	chr4	0.255361212	- T2D risk	Body
cg13013143	ERC2	chr3	0.255489396	- T2D risk	3'UTR
cg21497114	ARPP19	chr15	0.25551413	- T2D risk	1stExon
cg21497114	ARPP19	chr15	0.25551413	- T2D risk	Body
cg21497114	ARPP19	chr15	0.25551413	- T2D risk	ExonBnd
cg26741262	MTHFS	chr15	0.255586875	- T2D risk	TSS1500
cg25396790	CDH22	chr20	0.255608682	- T2D risk	Body
cg13351028	DIP2C	chr10	0.255760986	+ T2D risk	Body
cg03189019	CUX1	chr7	0.255825317	- T2D risk	Body
cg16504801	FARSB	chr2	0.255966557	+ T2D risk	Body
cg09276050	CUX1	chr7	0.256017283	- T2D risk	Body
cg24484394	PACS1	chr11	0.256162637	+ T2D risk	Body
cg23525112	ATP2B1	chr12	0.256201356	+ T2D risk	Body
cg11787262	PKD1	chr2	0.25626478	+ T2D risk	TSS200
cg16688899	POC1B	chr12	0.256527098	+ T2D risk	Body
cg16688899	POC1B	chr12	0.256527098	+ T2D risk	5'UTR
cg14940505	CADM1	chr11	0.256532802	- T2D risk	Body
cg14940505	CADM1	chr11	0.256532802	- T2D risk	ExonBnd
cg15800161	ARL15	chr5	0.256613128	- T2D risk	TSS1500
cg14497145	DIP2C	chr10	0.256651132	+ T2D risk	Body
cg25174591	DNAH9	chr17	0.25667502	- T2D risk	TSS200
cg02280422	DNAJC1	chr10	0.256750524	+ T2D risk	Body
cg13462525	PKD1	chr2	0.256775786	+ T2D risk	TSS200
cg13462525	PKD1	chr2	0.256775786	+ T2D risk	TSS1500
cg16061656	CADM1	chr11	0.256842125	- T2D risk	Body
cg02027561	NCOA7	chr6	0.257033452	- T2D risk	TSS1500
cg02562678	ASXL2	chr2	0.257034083	+ T2D risk	Body
cg22199864	DNAJC1	chr10	0.257043923	- T2D risk	Body
cg24729690	CPLX2	chr5	0.257070076	+ T2D risk	5'UTR
cg04543115	MAST1	chr19	0.257091764	+ T2D risk	Body
cg07724793	COL4A1	chr13	0.25711255	- T2D risk	Body
cg03974850	PDE7A	chr8	0.257170949	+ T2D risk	Body
cg24456235	ITGA1	chr5	0.257290904	- T2D risk	Body
cg03643538	CADM1	chr11	0.257295339	- T2D risk	3'UTR
cg17309644	NPEPPS	chr17	0.257367602	+ T2D risk	Body
cg06149183	NGLY1	chr3	0.257513634	- T2D risk	Body
cg06149183	NGLY1	chr3	0.257513634	- T2D risk	TSS1500
cg04422019	DDC	chr7	0.257610973	- T2D risk	5'UTR
cg04063945	KIAA1217	chr10	0.257684034	+ T2D risk	TSS1500
cg17710875	TMEM131	chr2	0.257756563	- T2D risk	Body
cg15287850	ST6GAL1	chr3	0.257793848	- T2D risk	TSS200
cg15287850	ST6GAL1	chr3	0.257793848	- T2D risk	5'UTR
cg06109044	GRK5	chr10	0.257803733	+ T2D risk	Body
cg23677243	MEIS2	chr15	0.258105747	- T2D risk	Body
cg26022581	PACS2	chr14	0.2581542	- T2D risk	Body
cg03141815	CUX1	chr7	0.258218572	- T2D risk	Body
cg05698117	ASH1L	chr1	0.258222253	+ T2D risk	Body
cg20645177	ANK3	chr10	0.258274906	- T2D risk	Body
cg09510202	PHACTR1	chr6	0.258351808	- T2D risk	Body
cg09534501	ANK2	chr4	0.258367954	+ T2D risk	Body
cg04025761	CUX2	chr12	0.258396151	- T2D risk	Body
cg11744351	UBL3	chr13	0.258478203	- T2D risk	1stExon
cg11744351	UBL3	chr13	0.258478203	- T2D risk	5'UTR
cg18639524	PDE3A	chr12	0.258684656	+ T2D risk	Body
cg12658906	DIP2C	chr10	0.258751161	+ T2D risk	Body
cg24251659	CUX1	chr7	0.258757817	- T2D risk	Body
cg20411049	RSF1	chr11	0.258767734	+ T2D risk	Body
cg26467471	DIP2C	chr10	0.258781786	+ T2D risk	Body
cg17095257	PDE8A	chr15	0.258800928	- T2D risk	Body
cg14436312	ITGA1	chr5	0.258959069	+ T2D risk	Body

cg11506711	SCARB2	chr4	0.25901759	- T2D risk	Body
cg14755054	NDUFB3	chr2	0.259076243	- T2D risk	5'UTR
cg03588978	IMPA1	chr8	0.259085159	- T2D risk	TSS200
cg10441401	DIP2C	chr10	0.259114179	- T2D risk	Body
cg00997754	WWP2	chr16	0.259255484	- T2D risk	5'UTR
cg25410950	AMD1	chr6	0.259311879	- T2D risk	5'UTR
cg25410950	AMD1	chr6	0.259311879	- T2D risk	Body
cg16548015	ACTN4	chr19	0.259449303	+ T2D risk	Body
cg07007834	CHFR	chr12	0.259459871	+ T2D risk	Body
cg06364066	NCOA2	chr8	0.259535218	+ T2D risk	Body
cg04151469	CUX1	chr7	0.259539201	+ T2D risk	Body
cg02911387	CUX1	chr7	0.259591005	- T2D risk	Body
cg10580626	DIP2C	chr10	0.259718715	+ T2D risk	Body
cg18455405	ATXN1	chr6	0.259722054	+ T2D risk	3'UTR
cg11226009	ARHGAP32	chr11	0.259801574	+ T2D risk	5'UTR
cg11226009	ARHGAP32	chr11	0.259801574	+ T2D risk	Body
cg20400045	CRYL1	chr13	0.259868142	- T2D risk	Body
cg04972436	BIRC5	chr17	0.259918161	- T2D risk	Body
cg13807925	SSBP2	chr5	0.260040709	- T2D risk	Body
cg22366933	CUX1	chr7	0.260082883	- T2D risk	Body
cg04605143	DIP2C	chr10	0.260138934	+ T2D risk	Body
cg20452738	ITPKB	chr1	0.260273615	+ T2D risk	Body
cg13357776	KDM4B	chr19	0.260486313	+ T2D risk	Body
cg03265360	ATXN1	chr6	0.260570543	- T2D risk	5'UTR
cg15086714	TENM2	chr5	0.260602991	- T2D risk	Body
cg17486877	ANKHD1	chr5	0.26062633	+ T2D risk	Body
cg26662007	WDR47	chr1	0.260655472	- T2D risk	TSS200
cg24074495	ITGA1	chr5	0.260687794	- T2D risk	Body
cg18199556	COL4A1	chr13	0.260737608	- T2D risk	Body
cg15021585	CRYL1	chr13	0.260801485	- T2D risk	Body
cg23368586	ULK4	chr3	0.260803845	- T2D risk	Body
cg17712120	ANK3	chr10	0.26097711	+ T2D risk	TSS1500
cg09915984	PLEKHG3	chr14	0.26108817	- T2D risk	5'UTR
cg06136160	PACRG	chr6	0.261106325	- T2D risk	Body
cg18269091	POC1B	chr12	0.261118497	- T2D risk	Body
cg18314885	TOP2A	chr17	0.261249808	+ T2D risk	Body
cg16341266	CNTNAP2	chr7	0.261360871	+ T2D risk	Body
cg14081634	PDE3A	chr12	0.261400115	- T2D risk	Body
cg09453838	DYNC111	chr7	0.261620883	+ T2D risk	Body
cg14242633	PRKCE	chr2	0.261718617	+ T2D risk	Body
cg07931221	ATRNL1	chr10	0.261736861	- T2D risk	Body
cg21227035	UXS1	chr2	0.261866684	- T2D risk	Body
cg14863265	GNA12	chr7	0.261940592	+ T2D risk	Body
cg17354314	CDK8	chr13	0.261943377	- T2D risk	Body
cg04374604	RHOQ	chr2	0.262177	- T2D risk	TSS1500
cg25627693	GRK5	chr10	0.262179693	+ T2D risk	Body
cg01363077	ATP6V1H	chr8	0.262231174	- T2D risk	Body
cg08845730	ROBO2	chr3	0.262399205	+ T2D risk	1stExon
cg08845730	ROBO2	chr3	0.262399205	+ T2D risk	Body
cg00961203	PACRG	chr6	0.262419914	+ T2D risk	Body
cg27306873	TSGA10	chr2	0.262602432	- T2D risk	TSS1500
cg01734951	TIIMM23	chr10	0.262634653	- T2D risk	Body
cg19905126	DNAJC1	chr10	0.262722257	+ T2D risk	Body
cg13837309	SLC7A2	chr8	0.262909029	- T2D risk	5'UTR
cg10495606	PRKCE	chr2	0.262970003	- T2D risk	Body
cg04865480	PDK1	chr2	0.263073791	- T2D risk	1stExon
cg09445902	DIP2C	chr10	0.263115997	+ T2D risk	Body
cg06468911	PHACTR1	chr6	0.263132988	- T2D risk	Body
cg26870725	MAST1	chr19	0.263306051	- T2D risk	Body
cg11779254	KIAA1217	chr10	0.26336401	- T2D risk	Body
cg10510442	ZHX2	chr8	0.263512666	+ T2D risk	3'UTR
cg23036244	BCAT1	chr12	0.263526453	+ T2D risk	5'UTR
cg23036244	BCAT1	chr12	0.263526453	+ T2D risk	1stExon
cg20521148	SLIT3	chr5	0.263546977	- T2D risk	Body
cg02556805	ATP8A2	chr13	0.263920192	- T2D risk	Body
cg22587186	LAMA4	chr6	0.263949396	- T2D risk	Body
cg22703888	SPAG9	chr17	0.264092663	- T2D risk	Body
cg11806305	ANKHD1	chr5	0.264144711	- T2D risk	Body
cg03662697	DIP2C	chr10	0.264181174	- T2D risk	TSS1500
cg17214279	EFR3A	chr8	0.264335384	+ T2D risk	Body

cg12855997	PRKAG2	chr7	0.26461309	+ T2D risk	Body
cg14401311	CDH22	chr20	0.264641149	- T2D risk	5'UTR
cg11794625	FARSB	chr2	0.264641657	- T2D risk	TSS1500
cg04223442	NCOR1	chr17	0.264689599	+ T2D risk	5'UTR
cg16827459	LMX1B	chr9	0.264724139	+ T2D risk	Body
cg14710084	MAN1A1	chr6	0.264753497	- T2D risk	Body
cg11175091	ANK2	chr4	0.264754961	- T2D risk	Body
cg19595016	SGSM2	chr17	0.264858891	- T2D risk	Body
cg14750721	AGPAT3	chr21	0.264946102	+ T2D risk	5'UTR
cg09325373	PTPRU	chr1	0.264971131	+ T2D risk	Body
cg04563122	CADM1	chr11	0.265020852	- T2D risk	Body
cg23403864	YWHAQ	chr2	0.265031017	- T2D risk	Body
cg04614212	NPAT	chr11	0.265106217	+ T2D risk	Body
cg00436050	ZHX2	chr8	0.265179753	+ T2D risk	5'UTR
cg12914100	TPCN1	chr12	0.265273076	+ T2D risk	3'UTR
cg13457392	SRPK2	chr7	0.265327146	+ T2D risk	Body
cg15587829	SGSM2	chr17	0.26536195	- T2D risk	Body
cg24183566	CUX1	chr7	0.265371054	+ T2D risk	Body
cg09744867	GALK2	chr15	0.265415961	+ T2D risk	Body
cg11404277	RHBDD1	chr2	0.265503451	- T2D risk	Body
cg21215323	DLL4	chr15	0.265581069	+ T2D risk	TSS1500
cg16268233	SPOCK1	chr5	0.265582638	- T2D risk	Body
cg26760813	ASXL2	chr2	0.265648113	+ T2D risk	TSS1500
cg26977742	EFR3A	chr8	0.265713354	+ T2D risk	Body
cg24718710	DIP2C	chr10	0.265733508	- T2D risk	Body
cg06508056	CNTNAP2	chr7	0.265788429	+ T2D risk	Body
cg19949241	ANK2	chr4	0.26586464	- T2D risk	Body
cg02353484	PACS1	chr11	0.265951413	+ T2D risk	TSS1500
cg20723815	ZDHHC2	chr8	0.266016733	- T2D risk	Body
cg00951960	ATXN1	chr6	0.266233191	- T2D risk	5'UTR
cg20567093	RAP1GAP2	chr17	0.266367363	- T2D risk	Body
cg04421151	GRK5	chr10	0.266478383	+ T2D risk	Body
cg14702988	RCAN2	chr6	0.266529258	+ T2D risk	5'UTR
cg14702988	RCAN2	chr6	0.266529258	+ T2D risk	TSS200
cg22792560	FAM160A1	chr4	0.266538466	+ T2D risk	5'UTR
cg17522601	CHFR	chr12	0.266547688	+ T2D risk	Body
cg06683978	PDLIM5	chr4	0.26655298	- T2D risk	5'UTR
cg06683978	PDLIM5	chr4	0.26655298	- T2D risk	Body
cg13305165	OXSM	chr3	0.266557934	- T2D risk	Body
cg13305165	OXSM	chr3	0.266557934	- T2D risk	5'UTR
cg13305165	NGLY1	chr3	0.266557934	- T2D risk	TSS1500
cg03503785	PRKCB	chr16	0.266562436	- T2D risk	Body
cg13015673	RHBDD1	chr2	0.2665864	- T2D risk	Body
cg23581430	CREBBP	chr16	0.266792909	+ T2D risk	Body
cg07665487	EFR3A	chr8	0.266850987	+ T2D risk	TSS1500
cg16141840	CLIC5	chr6	0.266898915	+ T2D risk	Body
cg21524461	PDE3A	chr12	0.266924433	- T2D risk	Body
cg12144374	ZHX2	chr8	0.266959173	- T2D risk	TSS1500
cg01991762	CTR9	chr11	0.267110668	+ T2D risk	TSS1500
cg11241032	COL4A1	chr13	0.267167587	- T2D risk	Body
cg22422589	ARIH1	chr15	0.267377029	+ T2D risk	Body
cg09641576	SLC29A4	chr7	0.267437618	- T2D risk	Body
cg06326591	CUX1	chr7	0.267463287	+ T2D risk	3'UTR
cg06326591	CUX1	chr7	0.267463287	+ T2D risk	Body
cg20422160	PHACTR1	chr6	0.267539834	+ T2D risk	Body
cg17675311	TSC22D1	chr13	0.267797573	+ T2D risk	Body
cg06413165	PLEKHG3	chr14	0.267808079	+ T2D risk	5'UTR
cg13540417	CLEC16A	chr16	0.267816825	- T2D risk	Body
cg03917670	ZHX2	chr8	0.267922023	+ T2D risk	5'UTR
cg00863438	GRK5	chr10	0.268109282	- T2D risk	Body
cg10289699	PLAGL1	chr6	0.26814511	+ T2D risk	5'UTR
cg15927720	SLIT3	chr5	0.268170441	- T2D risk	TSS200
cg23458989	DIP2C	chr10	0.26822864	+ T2D risk	Body
cg19003301	CADM1	chr11	0.268424854	- T2D risk	Body
cg01883164	TENM2	chr5	0.268542748	- T2D risk	Body
cg20365403	ZHX2	chr8	0.26869166	- T2D risk	TSS1500
cg02503303	PICALM	chr11	0.268808736	+ T2D risk	TSS1500
cg14497787	SRPK2	chr7	0.268816402	- T2D risk	TSS1500
cg22574825	FLT1	chr13	0.268903853	- T2D risk	5'UTR
cg22574825	FLT1	chr13	0.268903853	- T2D risk	1stExon

cg01802114	ANK3	chr10	0.268916332	- T2D risk	Body
cg04865267	PRKCE	chr2	0.268995043	+ T2D risk	Body
cg18467406	DIP2C	chr10	0.269002115	+ T2D risk	Body
cg07588253	NGF	chr1	0.26921692	+ T2D risk	5'UTR
cg00093653	RAP1GAP2	chr17	0.269256948	+ T2D risk	Body
cg17194350	SGSM2	chr17	0.269280564	- T2D risk	Body
cg06788850	ARHGAP32	chr11	0.269314762	- T2D risk	Body
cg19163331	EFR3A	chr8	0.269486995	- T2D risk	Body
cg04011030	APC	chr5	0.269681854	+ T2D risk	TSS200
cg16048781	NOTCH3	chr19	0.269775111	- T2D risk	Body
cg04523560	CUX1	chr7	0.269847108	+ T2D risk	Body
cg26080096	FAM160A1	chr4	0.269848054	+ T2D risk	5'UTR
cg07222250	ROBO2	chr3	0.270229117	- T2D risk	Body
cg05450336	DIP2C	chr10	0.270230618	+ T2D risk	Body
cg26670992	ATP8A1	chr4	0.270378855	- T2D risk	ExonBnd
cg26670992	ATP8A1	chr4	0.270378855	- T2D risk	Body
cg21300742	USP53	chr4	0.270389726	+ T2D risk	TSS200
cg00360534	GALK2	chr15	0.270420116	+ T2D risk	Body
cg00360534	GALK2	chr15	0.270420116	+ T2D risk	TSS1500
cg12923613	SEC31A	chr4	0.270469193	+ T2D risk	5'UTR
cg08918224	CHID1	chr11	0.270574165	- T2D risk	5'UTR
cg05749717	CNTNAP2	chr7	0.270595407	- T2D risk	TSS200
cg13034073	GNA12	chr7	0.270665527	+ T2D risk	3'UTR
cg18849114	ULK4	chr3	0.270726808	- T2D risk	TSS1500
cg23404286	ST20	chr15	0.270741595	+ T2D risk	5'UTR
cg23404286	ST20	chr15	0.270741595	+ T2D risk	Body
cg07414840	UXS1	chr2	0.271338405	- T2D risk	Body
cg24365811	CHID1	chr11	0.271399791	- T2D risk	Body
cg23424145	COL4A1	chr13	0.271422995	+ T2D risk	Body
cg19138785	TSC22D1	chr13	0.271477531	- T2D risk	Body
cg19138785	TSC22D1	chr13	0.271477531	- T2D risk	TSS200
cg20934389	ACTN4	chr19	0.271480988	+ T2D risk	Body
cg04236145	PRKAG2	chr7	0.271544071	+ T2D risk	Body
cg11909989	EFR3A	chr8	0.271550978	+ T2D risk	3'UTR
cg01758864	PFKFB2	chr1	0.271651053	- T2D risk	Body
cg03460027	DIP2C	chr10	0.271662609	+ T2D risk	Body
cg16933762	ROBO2	chr3	0.271674998	- T2D risk	TSS200
cg16933762	ROBO2	chr3	0.271674998	- T2D risk	Body
cg02786378	SLC7A2	chr8	0.271716932	+ T2D risk	Body
cg02786378	SLC7A2	chr8	0.271716932	+ T2D risk	5'UTR
cg02628581	TAB2	chr6	0.27183186	- T2D risk	5'UTR
cg02628581	TAB2	chr6	0.27183186	- T2D risk	Body
cg03890659	APBA1	chr9	0.271889476	- T2D risk	1stExon
cg03890659	APBA1	chr9	0.271889476	- T2D risk	5'UTR
cg00183804	KIAA0355	chr19	0.272225007	+ T2D risk	5'UTR
cg07797208	USP29	chr19	0.272249782	+ T2D risk	3'UTR
cg01803488	PFKFB2	chr1	0.27225514	+ T2D risk	Body
cg04759439	ERC2	chr3	0.27232324	- T2D risk	TSS1500
cg03453374	CLIC5	chr6	0.272325455	+ T2D risk	Body
cg26837161	NUCB2	chr11	0.272334669	+ T2D risk	5'UTR
cg26229043	KIAA1217	chr10	0.27237106	- T2D risk	5'UTR
cg06887159	PHF21A	chr11	0.272442257	+ T2D risk	TSS200
cg13375690	PDE7A	chr8	0.272460425	+ T2D risk	Body
cg04986494	ERC2	chr3	0.272497807	- T2D risk	Body
cg16426510	PHF21A	chr11	0.27259273	- T2D risk	Body
cg09475221	WWP2	chr16	0.272648499	+ T2D risk	Body
cg00010168	MMS19	chr10	0.272650026	+ T2D risk	TSS1500
cg06852243	DNAH9	chr17	0.27265153	+ T2D risk	Body
cg08913356	GLG1	chr16	0.27268248	+ T2D risk	3'UTR
cg08913356	GLG1	chr16	0.27268248	+ T2D risk	Body
cg22117688	UBL3	chr13	0.272696064	+ T2D risk	Body
cg06782818	MMS19	chr10	0.272714103	+ T2D risk	ExonBnd
cg06782818	MMS19	chr10	0.272714103	+ T2D risk	Body
cg25361193	ATXN1	chr6	0.272782053	- T2D risk	5'UTR
cg11764535	RCAN2	chr6	0.272874591	- T2D risk	Body
cg21922298	SCARB2	chr4	0.272895263	- T2D risk	Body
cg04422300	NF1	chr17	0.272969289	+ T2D risk	Body
cg22018930	PRKCB	chr16	0.273079396	- T2D risk	Body
cg16222616	POC1B	chr12	0.273085419	- T2D risk	Body
cg13935507	ZHX2	chr8	0.273141927	- T2D risk	1stExon

cg13935507	ZHX2	chr8	0.273141927	- T2D risk	5'UTR
cg22508229	ZDHHHC2	chr8	0.273214595	+ T2D risk	TSS1500
cg14289093	RNF157	chr17	0.273525962	+ T2D risk	Body
cg15745450	KDM4B	chr19	0.273597546	+ T2D risk	5'UTR
cg23082393	LAMA4	chr6	0.27360049	+ T2D risk	Body
cg08343142	GRK5	chr10	0.273608132	+ T2D risk	Body
cg20811564	DNAH9	chr17	0.273831143	- T2D risk	Body
cg11101081	BCAT1	chr12	0.273834736	+ T2D risk	TSS1500
cg11855741	SLIT3	chr5	0.273838008	- T2D risk	Body
cg08862739	TBC1D5	chr3	0.273971539	- T2D risk	Body
cg03087846	TPCN1	chr12	0.27406112	+ T2D risk	Body
cg18802729	TTC28	chr22	0.274258954	+ T2D risk	Body
cg02489108	CEP126	chr11	0.274283702	- T2D risk	Body
cg10688790	CNTNAP2	chr7	0.274290339	+ T2D risk	Body
cg16409367	MEIS2	chr15	0.274375171	- T2D risk	TSS1500
cg21810379	ANK2	chr4	0.274389494	- T2D risk	Body
cg13891949	NF1	chr17	0.274424112	- T2D risk	TSS1500
cg14165858	DNAH9	chr17	0.274502726	- T2D risk	Body
cg02796229	RGS7	chr1	0.274576372	- T2D risk	Body
cg11926805	NCOA7	chr6	0.274594385	- T2D risk	5'UTR
cg11926805	NCOA7	chr6	0.274594385	- T2D risk	1stExon
cg23567041	CUX1	chr7	0.274600113	+ T2D risk	Body
cg15857470	SRPK2	chr7	0.274620344	- T2D risk	Body
cg02283436	MGRN1	chr16	0.27463729	- T2D risk	TSS200
cg07895143	APBA1	chr9	0.274685302	- T2D risk	Body
cg00749531	RHBDD1	chr2	0.274702073	+ T2D risk	5'UTR
cg21927177	PLEKHG3	chr14	0.274766549	- T2D risk	5'UTR
cg02779966	CLEC16A	chr16	0.274773388	+ T2D risk	Body
cg11462252	SLIT3	chr5	0.274783237	- T2D risk	Body
cg22291359	NCOR1	chr17	0.274806332	+ T2D risk	TSS1500
cg04837412	TANC2	chr17	0.274817051	- T2D risk	Body
cg06033320	PDE7A	chr8	0.274886646	- T2D risk	Body
cg18963985	TSHZ1	chr18	0.274968006	- T2D risk	5'UTR
cg18963985	TSHZ1	chr18	0.274968006	- T2D risk	1stExon
cg07456586	ST20	chr15	0.27512609	- T2D risk	5'UTR
cg07456586	ST20	chr15	0.27512609	- T2D risk	Body
cg05436658	PRKCB	chr16	0.27513178	+ T2D risk	1stExon
cg17899806	RAP1B	chr12	0.275195018	- T2D risk	5'UTR
cg07460734	USP29	chr19	0.275307112	- T2D risk	TSS1500
cg00342068	PPFIBP1	chr12	0.275558843	- T2D risk	5'UTR
cg02858808	CUX1	chr7	0.275678497	+ T2D risk	Body
cg05731594	LMX1B	chr9	0.275900104	+ T2D risk	Body
cg24844694	MEIS2	chr15	0.276014035	+ T2D risk	Body
cg05984792	CDH22	chr20	0.276059958	- T2D risk	Body
cg07060347	CUX1	chr7	0.276178381	+ T2D risk	Body
ch.5.2522686R	SPOCK1	chr5	0.276445589	- T2D risk	Body
cg14658804	SLIT3	chr5	0.276500449	- T2D risk	TSS200
cg12537302	DIP2C	chr10	0.276546973	+ T2D risk	Body
cg01635707	PLAGL1	chr6	0.276667429	+ T2D risk	5'UTR
cg04591119	AMD1	chr6	0.276677366	+ T2D risk	5'UTR
cg04591119	AMD1	chr6	0.276677366	+ T2D risk	Body
cg19018883	PFKFB2	chr1	0.27672125	- T2D risk	Body
cg16254309	CNTNAP2	chr7	0.276795666	- T2D risk	Body
cg21589431	PDE8A	chr15	0.276958556	+ T2D risk	Body
cg26548811	PACRG	chr6	0.277049508	+ T2D risk	Body
cg09782637	DIP2C	chr10	0.277112825	+ T2D risk	Body
cg10606216	PCYT1A	chr3	0.277319684	- T2D risk	TSS1500
cg19204958	DIP2C	chr10	0.277343791	- T2D risk	Body
cg03816951	NCOA2	chr8	0.277386399	+ T2D risk	5'UTR
cg02130601	NOTCH3	chr19	0.27742262	+ T2D risk	Body
cg17046825	CRYL1	chr13	0.277427751	+ T2D risk	Body
cg24815618	NCOR1	chr17	0.2774287	- T2D risk	Body
cg06847149	APBA1	chr9	0.277581885	+ T2D risk	Body
cg22610364	CDH22	chr20	0.277602106	- T2D risk	5'UTR
cg04204246	LAMA4	chr6	0.277616846	- T2D risk	Body
cg25114586	PACS2	chr14	0.277689616	- T2D risk	Body
cg04444450	NCOA2	chr8	0.277739844	- T2D risk	5'UTR
cg02272795	NOTCH3	chr19	0.277783146	- T2D risk	Body
cg09432528	ACTN4	chr19	0.277899899	+ T2D risk	TSS200
cg24539517	GRK5	chr10	0.277971555	+ T2D risk	Body

cg26769186	<i>PCYT1A</i>	chr3	0.277973743	+ T2D risk	5'UTR
cg06773023	<i>EFR3A</i>	chr8	0.278086504	+ T2D risk	Body
cg24890451	<i>SPOCK1</i>	chr5	0.278142093	- T2D risk	Body
cg06144920	<i>TOX3</i>	chr16	0.278477544	- T2D risk	Body
cg05460980	<i>ATP8A2</i>	chr13	0.278618583	- T2D risk	Body
cg01756564	<i>NPAT</i>	chr11	0.278632481	+ T2D risk	TSS1500
cg15882609	<i>TSC22D1</i>	chr13	0.278707001	+ T2D risk	TSS1500
cg15882609	<i>TSC22D1</i>	chr13	0.278707001	+ T2D risk	5'UTR
cg15882609	<i>TSC22D1</i>	chr13	0.278707001	+ T2D risk	Body
cg08912210	<i>CREBBP</i>	chr16	0.278744837	+ T2D risk	Body
cg15483436	<i>PACS2</i>	chr14	0.278760951	+ T2D risk	Body
cg04179151	<i>TMEM59</i>	chr1	0.278769275	- T2D risk	TSS1500
cg04158967	<i>SLC30A8</i>	chr8	0.278812314	- T2D risk	TSS1500
cg01853347	<i>DNAJC13</i>	chr3	0.278815773	- T2D risk	5'UTR
cg14128582	<i>WDR47</i>	chr1	0.278821598	+ T2D risk	5'UTR
cg14128582	<i>WDR47</i>	chr1	0.278821598	+ T2D risk	1stExon
cg01211338	<i>MEIS2</i>	chr15	0.278871032	- T2D risk	Body
cg18303423	<i>DIP2C</i>	chr10	0.278872744	+ T2D risk	Body
cg24727133	<i>CHFR</i>	chr12	0.279082641	- T2D risk	TSS1500
cg21350431	<i>GLG1</i>	chr16	0.279296521	- T2D risk	Body
cg25190437	<i>SKAP1</i>	chr17	0.279406125	- T2D risk	Body
cg19584790	<i>PACS2</i>	chr14	0.279412894	- T2D risk	Body
cg11019127	<i>CADM1</i>	chr11	0.279554255	- T2D risk	Body
cg22896873	<i>PRKAG2</i>	chr7	0.279648751	+ T2D risk	Body
cg10259277	<i>RNF157</i>	chr17	0.279676513	- T2D risk	Body
cg02437766	<i>ARL15</i>	chr5	0.279821046	+ T2D risk	Body
cg15027563	<i>CLEC16A</i>	chr16	0.279839706	- T2D risk	TSS200
cg01021234	<i>ANK3</i>	chr10	0.27984899	- T2D risk	Body
cg26238057	<i>TENM2</i>	chr5	0.279875915	- T2D risk	Body
cg20184106	<i>OXSM</i>	chr3	0.279980206	- T2D risk	TSS200
cg20184106	<i>NGLY1</i>	chr3	0.279980206	- T2D risk	1stExon
cg20184106	<i>NGLY1</i>	chr3	0.279980206	- T2D risk	5'UTR
cg00375056	<i>SSBP2</i>	chr5	0.280041833	+ T2D risk	Body
cg17109865	<i>CREBBP</i>	chr16	0.280072457	+ T2D risk	Body
cg17949643	<i>PDE3A</i>	chr12	0.280090055	- T2D risk	Body
cg19450840	<i>CALD1</i>	chr7	0.280139113	+ T2D risk	5'UTR
cg11716471	<i>TSHZ1</i>	chr18	0.280248656	+ T2D risk	5'UTR
cg11716471	<i>TSHZ1</i>	chr18	0.280248656	+ T2D risk	Body
cg20864959	<i>ENAH</i>	chr1	0.280376572	- T2D risk	TSS1500
cg01591591	<i>CREBBP</i>	chr16	0.280420511	+ T2D risk	Body
cg12058544	<i>PTPRU</i>	chr1	0.28053276	+ T2D risk	Body
cg04446284	<i>CPLX2</i>	chr5	0.280674067	- T2D risk	5'UTR
cg16824225	<i>TENM2</i>	chr5	0.280818899	+ T2D risk	Body
cg02261733	<i>ARID2</i>	chr12	0.280841378	+ T2D risk	3'UTR
cg23653008	<i>CHFR</i>	chr12	0.280910519	- T2D risk	TSS1500
cg20323015	<i>HMBBOX1</i>	chr8	0.280952188	- T2D risk	3'UTR
cg04808420	<i>USP53</i>	chr4	0.280992433	+ T2D risk	TSS1500
cg02833089	<i>CUX1</i>	chr7	0.281016358	+ T2D risk	Body
cg08519109	<i>SRPK2</i>	chr7	0.281030021	- T2D risk	Body
cg09686236	<i>KCNIP3</i>	chr2	0.281073835	- T2D risk	Body
cg09686236	<i>KCNIP3</i>	chr2	0.281073835	- T2D risk	TSS1500
cg11726593	<i>IMPA1</i>	chr8	0.281169682	+ T2D risk	TSS1500
cg18504656	<i>DACH1</i>	chr13	0.281349166	- T2D risk	Body
cg06946551	<i>PTP4A2</i>	chr1	0.281529355	+ T2D risk	5'UTR
cg09537015	<i>NUP98</i>	chr11	0.281639754	+ T2D risk	Body
cg23261443	<i>CUX1</i>	chr7	0.281788931	- T2D risk	Body
cg13250196	<i>MDM1</i>	chr12	0.281903976	- T2D risk	3'UTR
cg13250196	<i>MDM1</i>	chr12	0.281903976	- T2D risk	Body
cg03195732	<i>KDM4B</i>	chr19	0.281965325	- T2D risk	Body
cg07314038	<i>SGSM2</i>	chr17	0.281967037	+ T2D risk	5'UTR
cg07314038	<i>SGSM2</i>	chr17	0.281967037	+ T2D risk	1stExon
cg26406407	<i>DIP2C</i>	chr10	0.281998936	+ T2D risk	Body
cg02361546	<i>PACS2</i>	chr14	0.282067014	- T2D risk	Body
cg02361546	<i>PACS2</i>	chr14	0.282067014	- T2D risk	5'UTR
cg05346287	<i>DDC</i>	chr7	0.282077507	+ T2D risk	5'UTR
cg20948548	<i>SLIT3</i>	chr5	0.282115653	- T2D risk	Body
cg10694153	<i>RAP1GAP2</i>	chr17	0.282139795	+ T2D risk	Body
cg17945231	<i>KIAA0355</i>	chr19	0.282148529	+ T2D risk	Body
cg16114442	<i>ULK4</i>	chr3	0.282270051	- T2D risk	TSS1500
cg24629311	<i>KIAA0355</i>	chr19	0.282291066	+ T2D risk	Body

cg09935452	ULK4	chr3	0.282428874	+ T2D risk	Body
cg13942215	UXS1	chr2	0.282563023	+ T2D risk	Body
cg13942215	UXS1	chr2	0.282563023	+ T2D risk	TSS1500
cg12411601	DDC	chr7	0.28275839	+ T2D risk	Body
cg08167748	GRK5	chr10	0.282761888	- T2D risk	Body
cg12636835	SEZ6L	chr22	0.282853851	+ T2D risk	3'UTR
cg03133811	CDH22	chr20	0.282867336	- T2D risk	Body
cg04274830	SCARB2	chr4	0.283130424	- T2D risk	Body
cg19159985	ANKHD1	chr5	0.283194538	+ T2D risk	Body
cg21525946	TENM2	chr5	0.28323151	- T2D risk	Body
cg04863508	TMEM59	chr1	0.283257842	- T2D risk	TSS1500
cg26571814	PDE3A	chr12	0.283272319	- T2D risk	Body
cg17520142	SRPK2	chr7	0.283298471	- T2D risk	Body
cg17520142	SRPK2	chr7	0.283298471	- T2D risk	TSS1500
cg11977795	CMTR1	chr6	0.283346758	- T2D risk	ExonBnd
cg11977795	CMTR1	chr6	0.283346758	- T2D risk	5'UTR
cg03440846	ACSS2	chr20	0.28344385	+ T2D risk	TSS1500
cg21348925	PRKCE	chr2	0.283781097	+ T2D risk	Body
cg25261191	CUX1	chr7	0.283793941	- T2D risk	Body
cg00699693	WWP2	chr16	0.283925692	+ T2D risk	Body
cg01815376	AMD1	chr6	0.283934333	- T2D risk	5'UTR
cg12027401	TANC2	chr17	0.28394296	+ T2D risk	Body
cg02707048	PACRG	chr6	0.283962755	- T2D risk	Body
cg14123607	APBA1	chr9	0.284034673	- T2D risk	5'UTR
cg17566334	PACRG	chr6	0.284123573	- T2D risk	Body
cg25237410	CUX1	chr7	0.284184573	- T2D risk	Body
cg21464353	SCAF8	chr6	0.284201235	- T2D risk	Body
cg09929879	DIP2C	chr10	0.284282716	- T2D risk	Body
cg09626265	GLG1	chr16	0.284369395	- T2D risk	Body
cg11699755	NCOA2	chr8	0.284475846	+ T2D risk	5'UTR
cg05226454	DIP2C	chr10	0.284548772	+ T2D risk	Body
cg02393372	GRK5	chr10	0.28455224	+ T2D risk	Body
cg08048137	KREMEN1	chr22	0.284593889	- T2D risk	Body
cg17881363	ATXN1	chr6	0.284659985	+ T2D risk	TSS200
cg26908399	RCAN2	chr6	0.28466543	- T2D risk	TSS1500
cg25383568	ACTN4	chr19	0.284695142	- T2D risk	Body
cg27049987	ZDHHC2	chr8	0.284755216	- T2D risk	TSS1500
cg19288598	TTC28	chr22	0.284888217	+ T2D risk	Body
cg09377512	DNAH9	chr17	0.285006815	+ T2D risk	5'UTR
cg09377512	DNAH9	chr17	0.285006815	+ T2D risk	Body
cg13422119	PDE8A	chr15	0.28509686	- T2D risk	Body
cg22301377	KCNIP3	chr2	0.285157572	+ T2D risk	Body
cg22301377	KCNIP3	chr2	0.285157572	+ T2D risk	TSS1500
cg16232289	KIAA1109	chr4	0.285241398	+ T2D risk	Body
cg01190084	SKAP1	chr17	0.285367393	+ T2D risk	Body
cg01182310	RANBP17	chr5	0.285394501	- T2D risk	Body
cg07319098	PDLIM5	chr4	0.285520101	- T2D risk	TSS200
cg23078800	ANK3	chr10	0.28562558	- T2D risk	Body
cg22699725	PFKFB2	chr1	0.285895252	+ T2D risk	Body
cg19214977	RAP1GAP2	chr17	0.285908576	+ T2D risk	Body
cg13859097	SKAP1	chr17	0.285917015	- T2D risk	Body
cg09533708	KCNIP3	chr2	0.285954728	- T2D risk	TSS1500
cg23383887	ANK2	chr4	0.286067176	- T2D risk	Body
cg26564768	DIP2C	chr10	0.286106413	- T2D risk	Body
cg16489616	PRKCE	chr2	0.286154041	+ T2D risk	Body
cg04927789	TENM2	chr5	0.28616123	- T2D risk	Body
cg05195377	NCOA2	chr8	0.286364648	+ T2D risk	5'UTR
cg11117097	SLC7A2	chr8	0.286470791	- T2D risk	5'UTR
cg27390443	CREBBP	chr16	0.286519481	+ T2D risk	Body
cg05654340	AMD1	chr6	0.286578576	+ T2D risk	5'UTR
cg05654340	AMD1	chr6	0.286578576	+ T2D risk	Body
cg12356730	PRKAG2	chr7	0.286586911	+ T2D risk	5'UTR
cg12356730	PRKAG2	chr7	0.286586911	+ T2D risk	1stExon
cg12356730	PRKAG2	chr7	0.286586911	+ T2D risk	Body
cg08508761	FLT1	chr13	0.286637343	+ T2D risk	Body
cg23204680	ATXN1	chr6	0.28666103	- T2D risk	5'UTR
cg14013378	PDLIM5	chr4	0.286891455	+ T2D risk	Body
cg06365577	CREBBP	chr16	0.286943316	- T2D risk	Body
cg09758680	DIP2C	chr10	0.287016179	- T2D risk	Body
cg07657658	CNTNAP2	chr7	0.287051934	+ T2D risk	Body

cg23932241	ARID2	chr12	0.287071725	- T2D risk	TSS1500
cg04283838	KIAA0232	chr4	0.287128638	- T2D risk	Body
cg03562868	PLAGL1	chr6	0.287175777	- T2D risk	TSS1500
cg03562868	PLAGL1	chr6	0.287175777	- T2D risk	5'UTR
cg06217931	KDM4B	chr19	0.287255188	+ T2D risk	Body
cg22526076	INPP4A	chr2	0.28725854	+ T2D risk	5'UTR
cg13013301	SGSM2	chr17	0.287270319	- T2D risk	Body
cg23881119	KIAA1217	chr10	0.287271175	- T2D risk	TSS1500
cg23881119	KIAA1217	chr10	0.287271175	- T2D risk	5'UTR
cg26463342	ULK4	chr3	0.28727709	+ T2D risk	Body
cg14642696	LMX1B	chr9	0.287504164	- T2D risk	Body
cg08444060	RSF1	chr11	0.287504186	- T2D risk	TSS200
cg10106857	ATXN1	chr6	0.287517023	- T2D risk	Body
cg10090389	USP53	chr4	0.287588948	+ T2D risk	5'UTR
cg09443467	TENM2	chr5	0.287645085	+ T2D risk	Body
cg12838902	SLC29A4	chr7	0.28777184	+ T2D risk	5'UTR
cg12838902	SLC29A4	chr7	0.28777184	+ T2D risk	1stExon
cg24962317	TMEM131	chr2	0.287819445	- T2D risk	Body
cg10780097	AMD1	chr6	0.287843973	- T2D risk	TSS1500
cg16194292	CUX1	chr7	0.287849101	+ T2D risk	Body
cg07959190	KREMEN1	chr22	0.288026351	- T2D risk	Body
cg14026061	PRKCE	chr2	0.288107906	+ T2D risk	Body
cg13692416	DIP2C	chr10	0.288127774	- T2D risk	Body
cg11344729	PRKAG2	chr7	0.288142043	+ T2D risk	Body
cg06582575	PACRG	chr6	0.288153202	+ T2D risk	1stExon
cg06582575	PACRG	chr6	0.288153202	+ T2D risk	5'UTR
cg08712068	PRKAG2	chr7	0.288195261	- T2D risk	TSS1500
cg23504415	AGPAT3	chr21	0.288289822	- T2D risk	5'UTR
cg02564272	MAN1A1	chr6	0.288352127	+ T2D risk	Body
cg09313191	DIP2C	chr10	0.288353441	- T2D risk	Body
cg20405025	CUX1	chr7	0.288695462	+ T2D risk	Body
cg26535070	CLOCK	chr4	0.288705329	- T2D risk	Body
cg21996137	ATXN1	chr6	0.288732025	+ T2D risk	TSS200
cg25757393	PDLIM5	chr4	0.288826604	+ T2D risk	5'UTR
cg25757393	PDLIM5	chr4	0.288826604	+ T2D risk	Body
cg11732505	UXS1	chr2	0.288954056	- T2D risk	Body
cg03787603	CUX1	chr7	0.288986995	+ T2D risk	Body
cg20969033	ANK2	chr4	0.289060858	- T2D risk	Body
cg09731958	DYNC111	chr7	0.289191719	- T2D risk	Body
cg26671183	PFKFB2	chr1	0.289215751	- T2D risk	TSS200
cg02907102	CUX2	chr12	0.289469591	+ T2D risk	Body
cg10423587	DIP2C	chr10	0.289537823	+ T2D risk	Body
cg18998543	GNA12	chr7	0.289636474	- T2D risk	3'UTR
cg02526950	MET	chr7	0.289652374	- T2D risk	5'UTR
cg03164309	SLC29A4	chr7	0.289716909	+ T2D risk	Body
cg01272967	DIP2C	chr10	0.289850195	+ T2D risk	Body
cg26226356	CUX2	chr12	0.289904367	- T2D risk	Body
cg24649229	AMD1	chr6	0.289952168	- T2D risk	5'UTR
cg22387076	ZHX2	chr8	0.290181616	+ T2D risk	5'UTR
cg02034675	DKK2	chr4	0.29022908	+ T2D risk	Body
cg09933021	FBXO11	chr2	0.290249077	- T2D risk	Body
cg24630521	ARL15	chr5	0.29031385	- T2D risk	Body
cg06968641	DIP2C	chr10	0.290404016	+ T2D risk	Body
cg03898690	RAP1GAP2	chr17	0.290456987	- T2D risk	Body
cg07028533	CNTNAP2	chr7	0.290487506	+ T2D risk	TSS200
cg27363021	DACH1	chr13	0.290543406	+ T2D risk	Body
cg14750751	CUX2	chr12	0.290691099	- T2D risk	Body
cg17860226	CUX1	chr7	0.290750676	- T2D risk	Body
cg00415665	ZHX2	chr8	0.290939918	- T2D risk	5'UTR
cg26222689	PRKCE	chr2	0.290997091	- T2D risk	Body
cg21852905	ASH1L	chr1	0.291003505	+ T2D risk	1stExon
cg21852905	ASH1L	chr1	0.291003505	+ T2D risk	5'UTR
cg03171157	GRK5	chr10	0.291005616	+ T2D risk	Body
cg20567227	ATP8A1	chr4	0.291116895	- T2D risk	Body
cg03860010	TJP1	chr15	0.291189579	- T2D risk	Body
cg26896818	PDE8A	chr15	0.291228676	- T2D risk	Body
ch.7.3189261R	PRKAG2	chr7	0.291431456	- T2D risk	5'UTR
ch.7.3189261R	PRKAG2	chr7	0.291431456	- T2D risk	Body
cg00048905	DIP2C	chr10	0.291473314	+ T2D risk	Body
cg12975130	SSBP2	chr5	0.291578966	+ T2D risk	3'UTR

cg13076784	<i>FBXO11</i>	chr2	0.291675739	- T2D risk	Body
cg11855218	<i>CRYL1</i>	chr13	0.291708763	+ T2D risk	Body
cg03038245	<i>DIP2C</i>	chr10	0.29175418	- T2D risk	Body
cg11884933	<i>GNA12</i>	chr7	0.291779803	+ T2D risk	Body
cg13101284	<i>SLIT3</i>	chr5	0.291781186	+ T2D risk	Body
cg01317470	<i>FBXO11</i>	chr2	0.291906233	- T2D risk	Body
cg26210511	<i>EFCAB14</i>	chr1	0.291938094	+ T2D risk	TSS1500
cg04620298	<i>CPLX2</i>	chr5	0.292143359	+ T2D risk	5'UTR
cg21670451	<i>ANKHD1</i>	chr5	0.292257538	- T2D risk	TSS200
cg05181989	<i>WWP2</i>	chr16	0.292262547	+ T2D risk	TSS1500
cg02800630	<i>ANK2</i>	chr4	0.292285684	- T2D risk	Body
cg01513605	<i>TAB2</i>	chr6	0.292509804	+ T2D risk	5'UTR
cg01513605	<i>TAB2</i>	chr6	0.292509804	+ T2D risk	Body
cg04319464	<i>PLAGL1</i>	chr6	0.292649535	+ T2D risk	5'UTR
cg04319464	<i>PLAGL1</i>	chr6	0.292649535	+ T2D risk	1stExon
cg10214615	<i>LAMA4</i>	chr6	0.292714239	- T2D risk	Body
cg04840930	<i>PLAGL1</i>	chr6	0.292824766	- T2D risk	TSS1500
cg04840930	<i>PLAGL1</i>	chr6	0.292824766	- T2D risk	5'UTR
cg12419863	<i>PLAGL1</i>	chr6	0.292897669	+ T2D risk	Body
cg14052289	<i>ULK4</i>	chr3	0.292959573	- T2D risk	Body
cg00204501	<i>TJP1</i>	chr15	0.293084335	- T2D risk	1stExon
cg00204501	<i>TJP1</i>	chr15	0.293084335	- T2D risk	5'UTR
cg25604082	<i>RET</i>	chr10	0.293109796	+ T2D risk	Body
cg23223071	<i>PHACTR1</i>	chr6	0.293342722	- T2D risk	Body
cg15989253	<i>PICALM</i>	chr11	0.29355138	- T2D risk	TSS1500
cg10439859	<i>RHBDD1</i>	chr2	0.293560101	- T2D risk	Body
cg15123499	<i>DIP2C</i>	chr10	0.293571446	- T2D risk	Body
cg01313057	<i>PPFIBP1</i>	chr12	0.293726585	- T2D risk	5'UTR
cg00902429	<i>ATXN1</i>	chr6	0.293757258	- T2D risk	5'UTR
cg12632309	<i>ST6GAL1</i>	chr3	0.293765771	- T2D risk	5'UTR
cg20254607	<i>POLA1</i>	chrX	0.293783489	- T2D risk	Body
cg14980090	<i>UXS1</i>	chr2	0.294058603	- T2D risk	TSS200
cg20263741	<i>RHBDD1</i>	chr2	0.294162415	+ T2D risk	Body
cg02293852	<i>PTPRU</i>	chr1	0.294385559	+ T2D risk	Body
cg20163056	<i>KDM4B</i>	chr19	0.294609267	+ T2D risk	5'UTR
cg06072664	<i>ATP8A2</i>	chr13	0.294869258	+ T2D risk	Body
cg10194279	<i>ATXN1</i>	chr6	0.294981363	- T2D risk	5'UTR
cg04895047	<i>AGPAT3</i>	chr21	0.295116407	- T2D risk	Body
cg20305610	<i>PDLIM5</i>	chr4	0.295117895	- T2D risk	5'UTR
cg20305610	<i>PDLIM5</i>	chr4	0.295117895	- T2D risk	Body
cg13800491	<i>FLT1</i>	chr13	0.295208388	- T2D risk	Body
cg24374900	<i>PDE8A</i>	chr15	0.295277923	- T2D risk	TSS1500
cg12240515	<i>EFR3A</i>	chr8	0.295306464	+ T2D risk	Body
cg04495969	<i>FBXO11</i>	chr2	0.295408773	+ T2D risk	5'UTR
cg06065769	<i>INPP4A</i>	chr2	0.295419529	- T2D risk	5'UTR
cg02910405	<i>PACS1</i>	chr11	0.295434191	- T2D risk	Body
cg14725733	<i>DIP2C</i>	chr10	0.295467982	- T2D risk	Body
cg09787619	<i>PRKACB</i>	chr1	0.295547243	+ T2D risk	Body
cg20029849	<i>RAP1GAP2</i>	chr17	0.29559188	+ T2D risk	Body
cg11912239	<i>BIRC5</i>	chr17	0.295662307	+ T2D risk	3'UTR
cg05349356	<i>ATRNL</i>	chr20	0.295735594	+ T2D risk	TSS200
cg06404238	<i>CUX1</i>	chr7	0.295827717	- T2D risk	Body
cg18502238	<i>DIP2C</i>	chr10	0.295834116	+ T2D risk	Body
cg07703765	<i>ACTN4</i>	chr19	0.295854723	+ T2D risk	Body
cg15546232	<i>TSGA10</i>	chr2	0.295896754	- T2D risk	5'UTR
cg15546232	<i>TSGA10</i>	chr2	0.295896754	- T2D risk	1stExon
cg03223765	<i>CHKA</i>	chr11	0.296185634	+ T2D risk	Body
cg24962011	<i>DIP2C</i>	chr10	0.296257315	- T2D risk	Body
cg03296248	<i>COL4A1</i>	chr13	0.296337351	+ T2D risk	Body
cg08783063	<i>RSF1</i>	chr11	0.296374414	- T2D risk	Body
cg17578322	<i>ERC2</i>	chr3	0.296378403	- T2D risk	3'UTR
cg05526846	<i>INPP4A</i>	chr2	0.29641682	- T2D risk	5'UTR
cg03581459	<i>PACS2</i>	chr14	0.296510471	+ T2D risk	TSS1500
cg06240854	<i>TSGA10</i>	chr2	0.296550509	- T2D risk	5'UTR
cg05371064	<i>MAN1A1</i>	chr6	0.296641912	- T2D risk	TSS1500
cg22284398	<i>PRKCE</i>	chr2	0.296650344	+ T2D risk	Body
cg21514227	<i>NOTCH3</i>	chr19	0.296697842	+ T2D risk	Body
cg03979024	<i>DIP2C</i>	chr10	0.296795703	+ T2D risk	Body
cg03455912	<i>ACSS2</i>	chr20	0.29684206	- T2D risk	TSS1500
cg10541139	<i>ENAH</i>	chr1	0.296894285	+ T2D risk	Body

cg15262516	COL4A1	chr13	0.2969095	- T2D risk	Body
cg18082894	PRKACB	chr1	0.297143693	- T2D risk	Body
cg12064947	DLL4	chr15	0.297343344	- T2D risk	TSS1500
cg09712329	ATRN	chr20	0.297451343	+ T2D risk	Body
cg05902801	CUX2	chr12	0.29746435	- T2D risk	Body
cg07865517	PLEKHG3	chr14	0.297501342	- T2D risk	TSS1500
cg08065241	ERC2	chr3	0.297607279	- T2D risk	5'UTR
cg23536300	PPP1R12A	chr12	0.297634127	+ T2D risk	Body
cg23536300	PPP1R12A	chr12	0.297634127	+ T2D risk	1stExon
cg16493124	ASXL2	chr2	0.297656433	- T2D risk	Body
cg17725607	PTPRU	chr1	0.297714872	+ T2D risk	Body
cg17767427	KDM4B	chr19	0.297738732	- T2D risk	Body
cg14848333	ASH1L	chr1	0.297856767	- T2D risk	Body
cg11345010	AGPAT3	chr21	0.298129822	- T2D risk	5'UTR
cg17019362	PDE3A	chr12	0.298365648	+ T2D risk	Body
cg17019362	PDE3A	chr12	0.298365648	+ T2D risk	TSS200
cg00729815	ATP2B1	chr12	0.298403118	- T2D risk	Body
cg12565055	TTC28	chr22	0.298463053	- T2D risk	TSS1500
cg12744722	CUX2	chr12	0.298533395	+ T2D risk	Body
cg10665789	ITPKB	chr1	0.298545297	- T2D risk	Body
cg21341821	DIP2C	chr10	0.298600992	- T2D risk	Body
cg01625998	TMEM219	chr16	0.29876176	+ T2D risk	5'UTR
cg08527313	PTPRU	chr1	0.298904018	- T2D risk	Body
cg00744866	CLASP2	chr3	0.299064481	- T2D risk	Body
cg15487208	ARL15	chr5	0.299101103	- T2D risk	Body
cg02791664	SCAF11	chr12	0.299451161	+ T2D risk	Body
cg03554765	SPOCK1	chr5	0.299491738	- T2D risk	TSS1500
cg27390840	SLIT3	chr5	0.299578992	- T2D risk	Body
cg15475168	CUX1	chr7	0.299616922	- T2D risk	Body
cg26710819	CALD1	chr7	0.299620502	- T2D risk	3'UTR
cg24545602	PRKCE	chr2	0.299645138	+ T2D risk	Body
cg00408980	HMBOX1	chr8	0.299757271	+ T2D risk	5'UTR
cg00408980	HMBOX1	chr8	0.299757271	+ T2D risk	ExonBnd
cg10784597	NOL4	chr18	0.300047568	+ T2D risk	Body
cg02038353	SUB1	chr5	0.30006437	- T2D risk	TSS1500
cg11505026	PRKCE	chr2	0.300104903	- T2D risk	Body
cg04395439	TENM2	chr5	0.300165516	- T2D risk	Body
cg15720797	PDLIM5	chr4	0.300184648	- T2D risk	Body
cg06715974	RAP1B	chr12	0.300221247	- T2D risk	5'UTR
cg24760597	ANK3	chr10	0.300231021	- T2D risk	Body
cg02057782	ATP8A2	chr13	0.300252246	- T2D risk	Body
cg23185029	PRKAG2	chr7	0.300295634	+ T2D risk	TSS1500
cg23185029	PRKAG2	chr7	0.300295634	+ T2D risk	Body
cg07819331	SLIT3	chr5	0.300349186	- T2D risk	Body
cg18132241	ATP8A2	chr13	0.300431535	- T2D risk	Body
cg07973479	ATP8A2	chr13	0.3004793	+ T2D risk	TSS1500
cg01857931	LAP3	chr4	0.300584093	- T2D risk	Body
cg16673301	CADM1	chr11	0.300614032	- T2D risk	Body
cg05125455	CADM1	chr11	0.300617884	- T2D risk	Body
cg03386480	DYNC111	chr7	0.30063099	+ T2D risk	TSS200
cg03508526	ZDHHC2	chr8	0.300656734	- T2D risk	Body
cg20330224	UXS1	chr2	0.300719971	+ T2D risk	Body
cg19112780	PTPRU	chr1	0.300834626	- T2D risk	1stExon
cg19112780	PTPRU	chr1	0.300834626	- T2D risk	5'UTR
cg24816866	PACRG	chr6	0.300905542	+ T2D risk	Body
cg24013909	PTPRU	chr1	0.301021959	- T2D risk	Body
cg16785827	ARL8B	chr3	0.301022747	- T2D risk	Body
cg01254555	LAMA4	chr6	0.301193857	+ T2D risk	Body
cg22239322	TENM2	chr5	0.301215663	- T2D risk	Body
cg08431272	TPCN1	chr12	0.3012812	+ T2D risk	5'UTR
cg08431272	TPCN1	chr12	0.3012812	+ T2D risk	Body
cg17331706	RGS7	chr1	0.301288403	+ T2D risk	Body
cg17331706	RGS7	chr1	0.301288403	+ T2D risk	3'UTR
cg16509430	ATXN1	chr6	0.301305437	+ T2D risk	5'UTR
cg18306520	ARID2	chr12	0.301310438	+ T2D risk	TSS200
cg07992484	UXS1	chr2	0.301357382	+ T2D risk	Body
cg27029179	CADM1	chr11	0.301372175	+ T2D risk	TSS1500
cg22389121	ST20	chr15	0.301496145	- T2D risk	TSS1500
cg24312492	ASH1L	chr1	0.301523238	- T2D risk	TSS200
cg17983891	TSGA10	chr2	0.301680524	- T2D risk	1stExon

cg17983891	TSGA10	chr2	0.301680524	- T2D risk	5'UTR
cg04477101	SGSM2	chr17	0.301693436	- T2D risk	Body
cg15163417	TANC2	chr17	0.301731764	- T2D risk	Body
cg20823215	RSF1	chr11	0.30188947	+ T2D risk	Body
cg07675216	PRKACB	chr1	0.302048653	- T2D risk	Body
cg21222767	DNAH9	chr17	0.302061825	+ T2D risk	Body
cg03995533	CLEC16A	chr16	0.302119234	+ T2D risk	Body
cg02578070	MAN1A1	chr6	0.302126139	+ T2D risk	Body
cg04451134	PDE3A	chr12	0.302137871	- T2D risk	Body
cg04451134	PDE3A	chr12	0.302137871	- T2D risk	TSS1500
cg09732704	CLEC16A	chr16	0.302256679	- T2D risk	Body
cg10850893	ZDHHC2	chr8	0.302312318	- T2D risk	Body
cg15487282	GALK2	chr15	0.302393247	- T2D risk	Body
cg13151724	RBBP6	chr16	0.302530407	+ T2D risk	5'UTR
cg13151724	RBBP6	chr16	0.302530407	+ T2D risk	1stExon
cg25578013	CRYL1	chr13	0.302553385	+ T2D risk	Body
cg18918010	ZHX2	chr8	0.302561706	- T2D risk	5'UTR
cg25553110	ZHX2	chr8	0.302621702	+ T2D risk	Body
cg14012925	CUX1	chr7	0.302622993	- T2D risk	Body
cg21849597	ARPP19	chr15	0.302713469	+ T2D risk	TSS1500
cg25719450	PDK1	chr2	0.302764275	+ T2D risk	TSS1500
cg26212303	DLL4	chr15	0.302921744	+ T2D risk	TSS1500
cg24498114	NOTCH3	chr19	0.303115323	- T2D risk	Body
cg08602888	UXS1	chr2	0.303129833	+ T2D risk	Body
cg26157192	ANK3	chr10	0.303171076	- T2D risk	Body
cg12720670	CUX1	chr7	0.303340262	- T2D risk	Body
cg15683743	SPPL2A	chr15	0.303371374	+ T2D risk	Body
cg10971973	FNIP2	chr4	0.303427841	+ T2D risk	Body
cg05263760	PHACTR1	chr6	0.30344036	- T2D risk	Body
cg04058144	GLG1	chr16	0.303513435	+ T2D risk	Body
cg14884935	RNF217	chr6	0.30361079	+ T2D risk	Body
cg09773769	GPC4	chrX	0.303720743	+ T2D risk	Body
cg11613015	APC	chr5	0.303752178	- T2D risk	5'UTR
cg11613015	APC	chr5	0.303752178	- T2D risk	TSS200
cg06071396	SLIT3	chr5	0.303809367	- T2D risk	Body
cg22810137	EVI5	chr1	0.303839993	- T2D risk	Body
cg08052619	TMEM150C	chr4	0.303874327	+ T2D risk	TSS1500
cg04483289	SKAP1	chr17	0.303945571	- T2D risk	TSS1500
cg04699519	ATXN1	chr6	0.303949933	+ T2D risk	3'UTR
cg01160733	DDHD2	chr8	0.303956941	- T2D risk	Body
cg05388548	PHACTR1	chr6	0.304025386	+ T2D risk	Body
cg25592746	SLIT3	chr5	0.304101153	+ T2D risk	Body
cg19460902	ATXN1	chr6	0.30415064	+ T2D risk	5'UTR
cg02892618	HNRNPA2B1	chr7	0.30433666	+ T2D risk	Body
cg10156207	GALK2	chr15	0.304378193	- T2D risk	Body
cg25734899	DIP2C	chr10	0.304433698	+ T2D risk	Body
cg17435796	RGS7	chr1	0.304465682	- T2D risk	Body
cg26562578	SGSM2	chr17	0.304474746	+ T2D risk	Body
cg01183713	ULK4	chr3	0.304534188	- T2D risk	Body
cg00615852	AMD1	chr6	0.304650476	- T2D risk	5'UTR
cg17999272	SPAG9	chr17	0.304691969	- T2D risk	Body
cg17999272	SPAG9	chr17	0.304691969	- T2D risk	ExonBnd
cg23575731	CUX1	chr7	0.30469633	- T2D risk	Body
cg16334882	CLEC16A	chr16	0.30493491	+ T2D risk	Body
cg11050992	RGS7	chr1	0.305052177	- T2D risk	Body
cg11050992	RGS7	chr1	0.305052177	- T2D risk	3'UTR
cg24629941	CUX1	chr7	0.305125818	- T2D risk	Body
cg05031214	RAP1GAP2	chr17	0.305240835	+ T2D risk	TSS1500
cg07484986	ANK3	chr10	0.305315778	- T2D risk	Body
cg12694124	TSC22D1	chr13	0.305412084	+ T2D risk	Body
cg13979277	LMX1B	chr9	0.305497622	- T2D risk	Body
cg02215538	ANKHD1	chr5	0.30554995	+ T2D risk	Body
cg13708206	SLIT3	chr5	0.305828608	+ T2D risk	Body
cg02957270	SKAP1	chr17	0.305917941	+ T2D risk	TSS1500
cg07651080	ROBO2	chr3	0.30594004	+ T2D risk	TSS1500
cg07651080	ROBO2	chr3	0.30594004	+ T2D risk	Body
cg23335258	TMEM219	chr16	0.306005772	- T2D risk	5'UTR
cg15170386	CUX1	chr7	0.306124764	+ T2D risk	Body
cg23268576	ATXN1	chr6	0.306145261	- T2D risk	5'UTR
cg08074000	MET	chr7	0.306281225	+ T2D risk	Body

cg20715291	INPP4A	chr2	0.306366828	- T2D risk	TSS1500
cg06007761	SLIT3	chr5	0.306407784	- T2D risk	Body
cg14486019	PRKCE	chr2	0.306409933	- T2D risk	Body
cg00906616	PRKAG2	chr7	0.306596705	+ T2D risk	Body
cg04188753	KIAA1217	chr10	0.306647246	- T2D risk	Body
cg26321127	AGPAT3	chr21	0.306713076	- T2D risk	5'UTR
cg26321127	AGPAT3	chr21	0.306713076	- T2D risk	TSS1500
cg10541043	CUX1	chr7	0.306727512	- T2D risk	3'UTR
cg10541043	CUX1	chr7	0.306727512	- T2D risk	Body
cg12488877	TBC1D5	chr3	0.30688307	+ T2D risk	TSS200
cg01139696	GNA12	chr7	0.307143274	- T2D risk	Body
cg12127692	INPP4A	chr2	0.307166901	+ T2D risk	5'UTR
cg21477922	KIAA0232	chr4	0.307244653	- T2D risk	TSS200
cg13952688	KCNJ12	chr17	0.307271092	+ T2D risk	5'UTR
cg07393320	CPLX2	chr5	0.307394879	+ T2D risk	5'UTR
cg14430158	TENM2	chr5	0.307399968	+ T2D risk	Body
cg23109041	PACS2	chr14	0.307541423	- T2D risk	Body
cg04196549	TSC22D1	chr13	0.307733509	- T2D risk	TSS1500
cg04196549	TSC22D1	chr13	0.307733509	- T2D risk	5'UTR
cg04196549	TSC22D1	chr13	0.307733509	- T2D risk	Body
cg25858805	KCNJ18	chr17	0.307751298	+ T2D risk	TSS1500
cg25858805	KCNJ12	chr17	0.307751298	+ T2D risk	5'UTR
cg12221970	ITPKB	chr1	0.3078644	+ T2D risk	Body
cg09401276	BCAT1	chr12	0.307980343	+ T2D risk	Body
cg15611364	OXSM	chr3	0.308022484	- T2D risk	TSS200
cg15611364	NGLY1	chr3	0.308022484	- T2D risk	1stExon
cg15611364	NGLY1	chr3	0.308022484	- T2D risk	5'UTR
cg26339042	SEZ6L	chr22	0.308084957	+ T2D risk	Body
cg08135718	CUX1	chr7	0.308136891	- T2D risk	Body
cg19709083	CUL1	chr7	0.308263806	+ T2D risk	3'UTR
cg26673019	USP53	chr4	0.308347811	+ T2D risk	5'UTR
cg02510467	GAD1	chr2	0.308353438	- T2D risk	5'UTR
cg05119810	CHFR	chr12	0.308354932	+ T2D risk	Body
cg01340195	TBC1D5	chr3	0.308367289	+ T2D risk	5'UTR
cg01329098	RTN4	chr2	0.308415055	- T2D risk	Body
cg21266942	CUX1	chr7	0.308489298	- T2D risk	Body
cg12169153	CREBBP	chr16	0.308546837	+ T2D risk	Body
cg09488184	KCNJ12	chr17	0.30866153	- T2D risk	5'UTR
cg21090457	ROBO2	chr3	0.308670101	- T2D risk	Body
cg14752915	TOP2A	chr17	0.308671077	+ T2D risk	Body
cg00875000	ATXN1	chr6	0.308673071	- T2D risk	5'UTR
cg05134054	CUX2	chr12	0.308813059	- T2D risk	Body
cg19255681	ERC2	chr3	0.308865209	+ T2D risk	Body
cg10403260	PHF21A	chr11	0.308912397	- T2D risk	5'UTR
cg10403260	PHF21A	chr11	0.308912397	- T2D risk	1stExon
cg19310375	ACSS2	chr20	0.308926077	- T2D risk	Body
cg19310375	ACSS2	chr20	0.308926077	- T2D risk	1stExon
cg23873669	RANBP17	chr5	0.308965181	- T2D risk	Body
cg05525455	ARHGAP32	chr11	0.308972695	- T2D risk	3'UTR
cg12859234	DDHD2	chr8	0.309141242	+ T2D risk	5'UTR
cg12859234	DDHD2	chr8	0.309141242	+ T2D risk	1stExon
cg24420703	ATP6V1A	chr3	0.309165502	+ T2D risk	5'UTR
cg22235600	SGSM2	chr17	0.309417388	- T2D risk	Body
cg11351927	DIP2C	chr10	0.309459625	- T2D risk	Body
cg17005864	TENM2	chr5	0.309528044	- T2D risk	Body
cg22424122	PPP1R12A	chr12	0.309546523	- T2D risk	Body
cg02699933	ARHGAP32	chr11	0.309636613	- T2D risk	Body
cg25163086	CADM1	chr11	0.309673223	- T2D risk	Body
cg05512869	LAMA4	chr6	0.309677764	- T2D risk	Body
cg03782461	FAM160A1	chr4	0.309815649	+ T2D risk	5'UTR
cg10983639	PRKCB	chr16	0.309942108	+ T2D risk	Body
cg20699740	TMEM59	chr1	0.310178242	+ T2D risk	5'UTR
cg20699740	TMEM59	chr1	0.310178242	+ T2D risk	Body
cg03053738	PHF21A	chr11	0.310269879	- T2D risk	Body
cg03879823	PHACTR1	chr6	0.310365459	- T2D risk	Body
cg22821606	RSF1	chr11	0.310382272	- T2D risk	TSS1500
cg26981180	FNIP2	chr4	0.310390265	- T2D risk	Body
cg04950452	TENM2	chr5	0.310690557	- T2D risk	Body
cg17443058	FLT1	chr13	0.310782118	- T2D risk	Body
cg22160502	YWHAQ	chr2	0.310829009	- T2D risk	Body

cg16569650	GNA12	chr7	0.310873903	- T2D risk	Body
cg23657143	HMBOX1	chr8	0.310941536	+ T2D risk	5'UTR
cg09990242	ST6GAL1	chr3	0.310973565	- T2D risk	5'UTR
cg19501306	PACS2	chr14	0.311060058	+ T2D risk	Body
cg19501306	PACS2	chr14	0.311060058	+ T2D risk	5'UTR
cg18836581	PACRG	chr6	0.311290329	- T2D risk	Body
cg11056055	MET	chr7	0.31130322	- T2D risk	Body
cg15985580	GRK5	chr10	0.311415578	+ T2D risk	Body
cg07635227	MGRN1	chr16	0.311433499	+ T2D risk	Body
cg04198075	DIP2C	chr10	0.311452467	+ T2D risk	Body
cg19488093	CALD1	chr7	0.311497353	- T2D risk	1stExon
cg19488093	CALD1	chr7	0.311497353	- T2D risk	Body
cg19488093	CALD1	chr7	0.311497353	- T2D risk	5'UTR
cg26482626	PRKAG2	chr7	0.311775457	+ T2D risk	TSS1500
cg26482626	PRKAG2	chr7	0.311775457	+ T2D risk	Body
cg15496985	TSGA10	chr2	0.311835439	- T2D risk	TSS200
cg26499095	DIP2C	chr10	0.311843037	+ T2D risk	Body
cg00728039	AMD1	chr6	0.311914706	- T2D risk	5'UTR
cg03396151	MEIS2	chr15	0.311964088	- T2D risk	Body
cg03844372	KIAA1217	chr10	0.312003704	+ T2D risk	5'UTR
cg15369381	TANC2	chr17	0.312252277	+ T2D risk	Body
cg25054043	RHOA	chr3	0.312262261	+ T2D risk	Body
cg09690543	CLIC5	chr6	0.312291442	- T2D risk	Body
cg27017357	KDM4B	chr19	0.312325534	+ T2D risk	5'UTR
cg24374051	GLG1	chr16	0.312360381	+ T2D risk	Body
cg20125846	PACRG	chr6	0.312362433	- T2D risk	Body
cg09950921	STX6	chr1	0.312413781	- T2D risk	5'UTR
cg09950921	STX6	chr1	0.312413781	- T2D risk	Body
cg25244800	MEIS2	chr15	0.312440387	- T2D risk	Body
cg25536136	RGS7	chr1	0.312476408	+ T2D risk	Body
cg15306863	DIP2C	chr10	0.312521777	+ T2D risk	Body
cg09302897	SCARB2	chr4	0.312659989	+ T2D risk	Body
cg14785205	CPLX2	chr5	0.312674523	+ T2D risk	5'UTR
cg00122765	NF1	chr17	0.312812689	+ T2D risk	Body
cg17196246	BCAT1	chr12	0.312830452	- T2D risk	Body
cg02242527	RCAN2	chr6	0.312857618	- T2D risk	TSS1500
cg02242527	RCAN2	chr6	0.312857618	- T2D risk	Body
cg09981407	RAP1GAP2	chr17	0.312902309	+ T2D risk	TSS1500
cg18843773	DDC	chr7	0.312940726	- T2D risk	Body
cg25447144	MEIS2	chr15	0.312981287	- T2D risk	Body
cg08376530	PACRG	chr6	0.312985839	- T2D risk	Body
cg09468912	NCOA2	chr8	0.312992892	+ T2D risk	TSS1500
cg07409747	ASXL2	chr2	0.313004966	- T2D risk	Body
cg23871260	AMD1	chr6	0.313014076	- T2D risk	5'UTR
cg02614932	DIP2C	chr10	0.31329578	- T2D risk	Body
cg03667968	APC	chr5	0.313337735	- T2D risk	5'UTR
cg03667968	APC	chr5	0.313337735	- T2D risk	TSS200
cg10255171	ATXN1	chr6	0.313387267	- T2D risk	Body
cg01283398	KIAA1217	chr10	0.31346107	- T2D risk	Body
cg17862404	TSC22D1	chr13	0.313498449	+ T2D risk	Body
cg16177187	ITPKB	chr1	0.313516922	+ T2D risk	Body
cg25902639	NOTCH3	chr19	0.313793516	+ T2D risk	TSS1500
cg02076100	ROBO2	chr3	0.31383358	+ T2D risk	5'UTR
cg02076100	ROBO2	chr3	0.31383358	+ T2D risk	Body
cg15647266	ANK3	chr10	0.313927268	+ T2D risk	Body
cg13635931	SSB	chr2	0.313963845	- T2D risk	TSS1500
cg02092785	PHACTR1	chr6	0.313987833	+ T2D risk	Body
cg17359198	PRKAG2	chr7	0.314002314	+ T2D risk	5'UTR
cg17359198	PRKAG2	chr7	0.314002314	+ T2D risk	Body
cg27063425	KIAA1217	chr10	0.314004845	+ T2D risk	Body
cg06765630	CDH22	chr20	0.314008795	- T2D risk	Body
cg09529437	PRKCB	chr16	0.314011567	+ T2D risk	Body
cg14898547	SPPL2A	chr15	0.314062512	+ T2D risk	Body
ch.2.4457098R	FARSB	chr2	0.314065138	+ T2D risk	Body
cg03866192	RAP1GAP2	chr17	0.314385523	- T2D risk	TSS200
cg05104811	PACRG	chr6	0.314449149	+ T2D risk	Body
cg25902202	CUX2	chr12	0.31503416	- T2D risk	Body
cg20606185	ANK3	chr10	0.315084195	- T2D risk	Body
cg08299464	CDH22	chr20	0.315087709	+ T2D risk	Body
cg18373615	KIAA1217	chr10	0.315178013	- T2D risk	5'UTR

cg09048009	<i>RTN4</i>	chr2	0.315186137	- T2D risk	Body
cg04485603	<i>CLOCK</i>	chr4	0.315283035	+ T2D risk	5'UTR
cg15787544	<i>PRKAG2</i>	chr7	0.315345277	+ T2D risk	5'UTR
cg15787544	<i>PRKAG2</i>	chr7	0.315345277	+ T2D risk	Body
cg21902150	<i>SH3GL2</i>	chr9	0.315460652	+ T2D risk	Body
cg05901503	<i>TENM2</i>	chr5	0.315512138	- T2D risk	Body
cg24888214	<i>ARHGAP32</i>	chr11	0.315576704	+ T2D risk	Body
cg27115439	<i>PDE3A</i>	chr12	0.315578391	+ T2D risk	Body
cg08263357	<i>PLAGL1</i>	chr6	0.315815243	- T2D risk	TSS1500
cg08263357	<i>PLAGL1</i>	chr6	0.315815243	- T2D risk	5'UTR
cg14761454	<i>NPAT</i>	chr11	0.315825431	- T2D risk	Body
cg02034890	<i>WWP2</i>	chr16	0.315979654	- T2D risk	5'UTR
cg05168404	<i>SLC29A4</i>	chr7	0.315986802	- T2D risk	TSS1500
cg27252233	<i>SSB</i>	chr2	0.316099752	+ T2D risk	5'UTR
cg13610262	<i>PACS2</i>	chr14	0.316214074	- T2D risk	Body
cg13610262	<i>PACS2</i>	chr14	0.316214074	- T2D risk	5'UTR
cg15463714	<i>AGPAT3</i>	chr21	0.316479139	- T2D risk	5'UTR
cg23303782	<i>GRK5</i>	chr10	0.316512456	+ T2D risk	Body
cg06196467	<i>CUL1</i>	chr7	0.316583304	+ T2D risk	5'UTR
cg05430894	<i>ARPP19</i>	chr15	0.316615271	+ T2D risk	TSS1500
cg26224781	<i>DYNC111</i>	chr7	0.316643326	- T2D risk	Body
cg27354901	<i>WWP2</i>	chr16	0.316661958	+ T2D risk	Body
cg02637343	<i>WWP2</i>	chr16	0.316765902	+ T2D risk	Body
cg17008375	<i>CUX1</i>	chr7	0.316799757	+ T2D risk	Body
cg09440989	<i>MGRN1</i>	chr16	0.316809581	+ T2D risk	Body
cg02732777	<i>NUF2</i>	chr1	0.316831202	- T2D risk	Body
cg19941833	<i>SEC31A</i>	chr4	0.316912451	+ T2D risk	ExonBnd
cg19941833	<i>SEC31A</i>	chr4	0.316912451	+ T2D risk	Body
cg04113159	<i>ULK4</i>	chr3	0.316922201	+ T2D risk	Body
cg05192951	<i>PACS2</i>	chr14	0.316970726	- T2D risk	Body
cg05192951	<i>PACS2</i>	chr14	0.316970726	- T2D risk	5'UTR
cg08957091	<i>PDE5A</i>	chr4	0.316979586	- T2D risk	Body
cg23816370	<i>CNTNAP2</i>	chr7	0.317026145	- T2D risk	Body
cg09061849	<i>HMBX1</i>	chr8	0.317049632	+ T2D risk	Body
cg14032244	<i>MAST1</i>	chr19	0.317117853	+ T2D risk	Body
cg27104437	<i>GRK5</i>	chr10	0.317158411	+ T2D risk	Body
cg18362538	<i>KDM4B</i>	chr19	0.317323824	+ T2D risk	5'UTR
cg10565891	<i>TANC2</i>	chr17	0.317432268	- T2D risk	Body
cg27196330	<i>DIP2C</i>	chr10	0.31747846	+ T2D risk	Body
cg13987304	<i>TENM2</i>	chr5	0.317568114	+ T2D risk	Body
cg26647139	<i>CADM1</i>	chr11	0.317602326	- T2D risk	TSS1500
cg16708047	<i>TENM2</i>	chr5	0.317618499	- T2D risk	Body
cg14217261	<i>SLC29A4</i>	chr7	0.317644343	+ T2D risk	Body
cg04569831	<i>CNTNAP2</i>	chr7	0.317682744	- T2D risk	Body
cg14736874	<i>ARL15</i>	chr5	0.317761242	- T2D risk	Body
cg16140258	<i>ACTN4</i>	chr19	0.317795824	+ T2D risk	Body
cg19069029	<i>PHACTR1</i>	chr6	0.317828384	- T2D risk	Body
cg23957372	<i>TANC2</i>	chr17	0.317889541	+ T2D risk	Body
cg05344046	<i>NUP98</i>	chr11	0.318015672	+ T2D risk	Body
cg25750285	<i>FLT1</i>	chr13	0.318253172	- T2D risk	Body
cg19721211	<i>SPPL2A</i>	chr15	0.318327625	+ T2D risk	TSS200
cg05326150	<i>CDH22</i>	chr20	0.318346512	+ T2D risk	5'UTR
cg21657450	<i>RHOQ</i>	chr2	0.318422322	+ T2D risk	TSS1500
cg08241225	<i>ATP4A</i>	chr19	0.318424306	+ T2D risk	3'UTR
cg17717333	<i>ASXL2</i>	chr2	0.31845536	+ T2D risk	TSS1500
cg20999118	<i>DYNC112</i>	chr2	0.318783316	- T2D risk	TSS1500
cg18439339	<i>PRKAG2</i>	chr7	0.318794531	+ T2D risk	Body
cg21044834	<i>PDK1</i>	chr2	0.319051964	- T2D risk	TSS1500
cg26344933	<i>TSC22D1</i>	chr13	0.319112066	+ T2D risk	TSS1500
cg26344933	<i>TSC22D1</i>	chr13	0.319112066	+ T2D risk	5'UTR
cg26344933	<i>TSC22D1</i>	chr13	0.319112066	+ T2D risk	Body
cg00893603	<i>ATP8A2</i>	chr13	0.319144011	+ T2D risk	Body
cg26598152	<i>NQO1</i>	chr16	0.319349019	- T2D risk	TSS1500
cg22859370	<i>GNA12</i>	chr7	0.319447461	+ T2D risk	Body
cg11210138	<i>SKAP1</i>	chr17	0.319467503	+ T2D risk	Body
cg19903766	<i>ATP4A</i>	chr19	0.319536735	+ T2D risk	Body
cg06241427	<i>ITPKB</i>	chr1	0.319596967	+ T2D risk	Body
cg23074224	<i>APBA1</i>	chr9	0.319657827	- T2D risk	5'UTR
cg18581708	<i>CUX1</i>	chr7	0.319679071	- T2D risk	Body
cg05412882	<i>RCAN2</i>	chr6	0.319743235	- T2D risk	TSS1500

cg05412882	RCAN2	chr6	0.319743235	- T2D risk	Body
cg16516248	WWP2	chr16	0.31974658	- T2D risk	TSS1500
cg16516248	WWP2	chr16	0.31974658	- T2D risk	Body
cg10658516	TMEM131	chr2	0.319797631	- T2D risk	TSS200
cg05714396	SSBP2	chr5	0.319878249	- T2D risk	TSS1500
cg03618302	PDE3A	chr12	0.319898331	+ T2D risk	Body
cg07233779	ITGB1	chr10	0.319947564	+ T2D risk	TSS1500
cg03010756	CUL1	chr7	0.319955319	- T2D risk	Body
cg16565696	CDH22	chr20	0.320067654	- T2D risk	Body
cg01808708	SMG7	chr1	0.320110758	- T2D risk	5'UTR
cg01808708	SMG7	chr1	0.320110758	- T2D risk	Body
cg18578732	ERC2	chr3	0.320116998	- T2D risk	3'UTR
cg14754494	DDC	chr7	0.32016342	+ T2D risk	Body
cg02057969	PDE5A	chr4	0.320308117	- T2D risk	Body
cg24454909	TENM2	chr5	0.320321033	- T2D risk	Body
cg00074853	AMD1	chr6	0.320349699	+ T2D risk	5'UTR
cg23738353	SLC29A4	chr7	0.320551849	- T2D risk	5'UTR
cg23738353	SLC29A4	chr7	0.320551849	- T2D risk	1stExon
cg12371681	SNX4	chr3	0.320558982	- T2D risk	TSS200
cg13780945	RPGR	chrX	0.320560235	- T2D risk	3'UTR
cg13780945	RPGR	chrX	0.320560235	- T2D risk	Body
cg20076588	ANK2	chr4	0.320573228	- T2D risk	Body
cg09956718	UNC80	chr2	0.320613502	- T2D risk	Body
cg18310794	NPEPPS	chr17	0.320749405	- T2D risk	Body
cg22295383	SPPL2A	chr15	0.320959942	- T2D risk	TSS200
cg21548414	CLIC5	chr6	0.32099344	+ T2D risk	5'UTR
cg21548414	CLIC5	chr6	0.32099344	+ T2D risk	1stExon
cg21548414	CLIC5	chr6	0.32099344	+ T2D risk	Body
cg12333556	PACS1	chr11	0.321004221	- T2D risk	Body
cg19988566	ZRANB1	chr10	0.321040889	- T2D risk	3'UTR
cg04336433	CREBBP	chr16	0.321101964	- T2D risk	Body
cg15991124	KIAA0355	chr19	0.321121634	- T2D risk	Body
cg19803298	PHACTR1	chr6	0.321136178	- T2D risk	Body
cg17409288	LAP3	chr4	0.321180439	+ T2D risk	Body
cg13946678	SPOCK1	chr5	0.321305003	- T2D risk	Body
cg12318342	ANK3	chr10	0.321312791	- T2D risk	Body
cg04451043	NDUFB3	chr2	0.321351575	+ T2D risk	Body
cg06485596	PRKCB	chr16	0.321458102	+ T2D risk	Body
cg10333808	ST8SIA1	chr12	0.321590235	- T2D risk	1stExon
cg10333808	ST8SIA1	chr12	0.321590235	- T2D risk	5'UTR
cg08463105	TMEM131	chr2	0.321621494	- T2D risk	Body
cg10766396	RHBDD1	chr2	0.321653179	+ T2D risk	5'UTR
cg04452569	FLT1	chr13	0.321742435	- T2D risk	Body
cg08227282	SEZ6L	chr22	0.321749122	- T2D risk	Body
cg17002851	ATP8A2	chr13	0.321838071	+ T2D risk	Body
cg18313094	USP29	chr19	0.32185233	+ T2D risk	5'UTR
cg20142358	WDR48	chr3	0.321868356	- T2D risk	Body
cg27278227	WIZ	chr19	0.322087187	+ T2D risk	Body
cg04146241	CDH22	chr20	0.322101547	- T2D risk	5'UTR
cg27280256	CLASP2	chr3	0.322208828	- T2D risk	Body
cg04364718	IMPA1	chr8	0.322231589	+ T2D risk	TSS200
cg14791922	KDM4B	chr19	0.322236523	+ T2D risk	Body
cg02133819	UXS1	chr2	0.322570239	+ T2D risk	Body
cg19935199	TBC1D5	chr3	0.322691824	- T2D risk	5'UTR
cg25567805	LAMA4	chr6	0.322826745	+ T2D risk	Body
cg13546321	CUX2	chr12	0.322888646	- T2D risk	Body
cg04696964	PLAGL1	chr6	0.323068618	- T2D risk	5'UTR
cg17169320	CNTROB	chr17	0.323091578	+ T2D risk	ExonBnd
cg17169320	CNTROB	chr17	0.323091578	+ T2D risk	Body
cg13589168	DNAJC1	chr10	0.323095743	+ T2D risk	Body
cg13719628	PRKCE	chr2	0.323136943	- T2D risk	TSS200
cg13070185	TMEM150C	chr4	0.323264879	+ T2D risk	TSS1500
cg03206874	UXS1	chr2	0.323305839	- T2D risk	Body
cg20639203	PRKACB	chr1	0.323431452	- T2D risk	Body
cg20639203	PRKACB	chr1	0.323431452	- T2D risk	TSS1500
cg04478604	PFKFB2	chr1	0.3234567	- T2D risk	Body
cg04478604	PFKFB2	chr1	0.3234567	- T2D risk	3'UTR
cg17674090	ITGA1	chr5	0.323662329	+ T2D risk	TSS1500
cg11197908	NCOA2	chr8	0.323777158	- T2D risk	Body
cg22084841	SLC30A8	chr8	0.323824964	+ T2D risk	5'UTR

cg00130275	PRMT3	chr11	0.324013455	- T2D risk	Body
cg00130275	PRMT3	chr11	0.324013455	- T2D risk	5'UTR
cg16649697	PRMT3	chr11	0.324016981	+ T2D risk	Body
cg01091000	SEMA3G	chr3	0.32401735	- T2D risk	Body
cg03083542	NUP98	chr11	0.324035075	- T2D risk	TSS1500
cg03058874	KIAA0355	chr19	0.324148586	+ T2D risk	Body
cg16071550	PACS1	chr11	0.324159407	+ T2D risk	Body
cg24301844	CNTROB	chr17	0.324168462	+ T2D risk	TSS1500
cg15908861	ASH1L	chr1	0.324254056	- T2D risk	TSS1500
cg27307648	GALK2	chr15	0.324255726	- T2D risk	Body
cg16097693	FBXL2	chr3	0.324349207	+ T2D risk	TSS1500
cg12619983	MAN1A2	chr1	0.324353898	- T2D risk	Body
ch.1.3533603R	STX6	chr1	0.324387231	- T2D risk	Body
cg07046194	MTHFS	chr15	0.324475616	+ T2D risk	Body
cg25498137	DDC	chr7	0.324518492	- T2D risk	Body
cg20388206	NOL4	chr18	0.324531959	+ T2D risk	Body
cg20388206	NOL4	chr18	0.324531959	+ T2D risk	TSS200
cg24452437	ANK2	chr4	0.324536189	+ T2D risk	5'UTR
cg26309221	RNF217	chr6	0.324573044	+ T2D risk	Body
cg25557396	ANK3	chr10	0.324573094	+ T2D risk	Body
cg01153442	PDE3A	chr12	0.324656764	- T2D risk	Body
cg25059464	TSC22D1	chr13	0.324726163	+ T2D risk	Body
cg25059464	TSC22D1	chr13	0.324726163	+ T2D risk	TSS1500
cg25059464	TSC22D1	chr13	0.324726163	+ T2D risk	5'UTR
cg25059464	TSC22D1	chr13	0.324726163	+ T2D risk	1stExon
cg16542170	ANK3	chr10	0.324741289	- T2D risk	TSS1500
cg24928023	AGPAT3	chr21	0.324814364	+ T2D risk	Body
cg27199295	RGS7	chr1	0.324936579	- T2D risk	Body
cg10936057	DIP2C	chr10	0.325056222	+ T2D risk	Body
cg20347343	KDM4B	chr19	0.325059696	+ T2D risk	Body
cg05191006	NQO1	chr16	0.325278094	- T2D risk	TSS1500
cg24420432	CUX1	chr7	0.32551035	+ T2D risk	Body
cg17075538	NOTCH3	chr19	0.325551111	+ T2D risk	Body
cg21215416	RSF1	chr11	0.325554297	+ T2D risk	TSS1500
cg19030737	ITPKB	chr1	0.325640397	- T2D risk	TSS1500
cg01587911	RSF1	chr11	0.325699261	+ T2D risk	Body
cg17760455	CCNB1	chr5	0.325905451	+ T2D risk	Body
cg03537184	CLASP2	chr3	0.325986047	+ T2D risk	Body
cg19280901	PKD1	chr2	0.325996724	+ T2D risk	Body
cg24526028	PCYT1A	chr3	0.326029804	- T2D risk	TSS1500
cg11423998	DIP2C	chr10	0.326052986	+ T2D risk	Body
cg25090616	ERC2	chr3	0.326055018	- T2D risk	3'UTR
cg21530005	PCYT1A	chr3	0.326065707	+ T2D risk	TSS1500
cg21172322	BCAT1	chr12	0.326173521	+ T2D risk	Body
cg17934955	MTHFS	chr15	0.326240677	+ T2D risk	Body
cg24349665	PI15	chr8	0.326312781	- T2D risk	TSS200
cg13287203	PTP4A2	chr1	0.326652355	- T2D risk	3'UTR
cg07541643	PRKCB	chr16	0.326774839	+ T2D risk	Body
cg18434367	CLIC5	chr6	0.326857125	+ T2D risk	Body
cg23983710	DIP2C	chr10	0.326914093	+ T2D risk	Body
cg24993238	BIRC5	chr17	0.32716278	- T2D risk	TSS1500
cg05015897	PHF21A	chr11	0.327315307	+ T2D risk	Body
cg08683307	CLASP2	chr3	0.327384518	- T2D risk	Body
cg08683307	CLASP2	chr3	0.327384518	- T2D risk	TSS1500
cg20706311	DIP2C	chr10	0.327403521	+ T2D risk	Body
cg14242106	SGSM2	chr17	0.327534462	- T2D risk	3'UTR
cg01230360	KIAA1217	chr10	0.327723844	+ T2D risk	TSS1500
cg01230360	KIAA1217	chr10	0.327723844	+ T2D risk	5'UTR
cg01230360	KIAA1217	chr10	0.327723844	+ T2D risk	Body
cg08552718	RAP1GAP2	chr17	0.327774814	+ T2D risk	Body
cg14246288	RBM4	chr11	0.327800803	+ T2D risk	Body
ch.2.635363R	ASXL2	chr2	0.327921153	- T2D risk	Body
cg24160569	ANK3	chr10	0.327973394	- T2D risk	Body
cg20134175	JPH2	chr20	0.32816268	+ T2D risk	Body
cg02913277	DIP2C	chr10	0.328217709	+ T2D risk	Body
cg17158968	CLASP2	chr3	0.328226492	+ T2D risk	Body
cg20253855	CUX1	chr7	0.328339628	+ T2D risk	Body
cg18775526	CUX1	chr7	0.328426712	+ T2D risk	Body
cg06769602	CUX1	chr7	0.328611627	- T2D risk	Body
cg17500986	COL4A1	chr13	0.328771958	+ T2D risk	Body

cg11105774	DIP2C	chr10	0.329016293	+ T2D risk	Body
cg02909293	ULK4	chr3	0.329134687	+ T2D risk	Body
cg08105005	PACS2	chr14	0.32917109	+ T2D risk	Body
cg04415978	IFT74	chr9	0.329250558	- T2D risk	5'UTR
cg04415978	IFT74	chr9	0.329250558	- T2D risk	TSS200
cg09908050	TPCN1	chr12	0.329399988	- T2D risk	Body
cg12126869	DIP2C	chr10	0.329448187	+ T2D risk	Body
cg19997783	GRK5	chr10	0.329469803	- T2D risk	Body
cg08324703	DIP2C	chr10	0.329484395	- T2D risk	Body
cg00241281	PACS2	chr14	0.329489181	- T2D risk	TSS1500
cg09712195	CUX1	chr7	0.329599127	+ T2D risk	Body
cg19069660	SCGN	chr6	0.329628434	+ T2D risk	Body
cg18554639	CLIC5	chr6	0.329661159	- T2D risk	Body
cg18638433	ATP6V1A	chr3	0.329664619	- T2D risk	Body
cg14642082	KIAA1217	chr10	0.32978124	- T2D risk	TSS200
cg14642082	KIAA1217	chr10	0.32978124	- T2D risk	Body
cg20704394	SRPK2	chr7	0.329889722	- T2D risk	Body
cg26261298	PLAGL1	chr6	0.329909766	+ T2D risk	Body
cg16147729	GRK5	chr10	0.329910691	+ T2D risk	Body
cg14343790	CLEC16A	chr16	0.330002652	- T2D risk	Body
cg04279596	USP53	chr4	0.330247558	- T2D risk	TSS200
cg07942500	PLEKHG3	chr14	0.330342911	+ T2D risk	5'UTR
cg15745238	ERC2	chr3	0.33037916	- T2D risk	3'UTR
cg07612821	CDH22	chr20	0.330486415	+ T2D risk	TSS1500
cg00313685	CUX1	chr7	0.330486534	+ T2D risk	Body
cg03443455	GAD1	chr2	0.330487804	- T2D risk	TSS1500
cg05082204	ACTN4	chr19	0.330492876	+ T2D risk	Body
cg24131452	DIP2C	chr10	0.330577054	- T2D risk	Body
cg03407446	RAP1GAP2	chr17	0.330590833	+ T2D risk	Body
cg16328394	SLIT3	chr5	0.330724438	- T2D risk	Body
cg12425560	TPCN1	chr12	0.33113635	- T2D risk	Body
cg24745798	PCYT1A	chr3	0.331186389	- T2D risk	5'UTR
cg17128256	SLC29A4	chr7	0.331193123	+ T2D risk	Body
cg08687330	ARID2	chr12	0.331194243	- T2D risk	Body
cg17085581	DIP2C	chr10	0.331324324	- T2D risk	Body
cg01043759	CALD1	chr7	0.331330472	- T2D risk	Body
cg21757266	FLT1	chr13	0.33141697	+ T2D risk	Body
cg18895668	ULK4	chr3	0.33142855	+ T2D risk	Body
ch.7.2182816F	CUX1	chr7	0.331539619	- T2D risk	Body
cg05489332	GNA12	chr7	0.331583357	- T2D risk	Body
cg05489332	GNA12	chr7	0.331583357	- T2D risk	TSS1500
cg08135835	PCYT1A	chr3	0.331617934	- T2D risk	5'UTR
cg07584494	KDM4B	chr19	0.331638516	- T2D risk	Body
cg01512138	CLEC16A	chr16	0.331734023	- T2D risk	Body
cg25387505	NGLY1	chr3	0.331745426	- T2D risk	1stExon
cg25387505	OXSM	chr3	0.331745426	- T2D risk	TSS200
cg25387505	NGLY1	chr3	0.331745426	- T2D risk	5'UTR
cg15302705	GNA12	chr7	0.331910664	+ T2D risk	TSS1500
cg11288769	MEIS2	chr15	0.33207177	- T2D risk	Body
cg25453797	PRKCE	chr2	0.332088495	+ T2D risk	Body
cg19199932	TJP1	chr15	0.332132961	+ T2D risk	Body
cg10484848	SLC29A4	chr7	0.332162966	- T2D risk	TSS1500
cg19924248	ULK4	chr3	0.332235019	- T2D risk	TSS200
cg21176263	LMX1B	chr9	0.332282739	+ T2D risk	Body
cg05194552	CREBBP	chr16	0.332373054	- T2D risk	Body
cg23024102	TSC22D1	chr13	0.332615157	- T2D risk	1stExon
cg25485655	KREMEN1	chr22	0.332664437	+ T2D risk	Body
cg15817752	ATP6V1H	chr8	0.332709372	+ T2D risk	Body
cg15817752	ATP6V1H	chr8	0.332709372	+ T2D risk	ExonBnd
cg23259001	PACS2	chr14	0.332884285	+ T2D risk	Body
cg05128566	DYNC111	chr7	0.332909625	+ T2D risk	1stExon
cg05128566	DYNC111	chr7	0.332909625	+ T2D risk	5'UTR
cg02622903	NF1	chr17	0.332925637	+ T2D risk	Body
cg18090068	ERC2	chr3	0.332928828	+ T2D risk	3'UTR
cg09786278	RGS7	chr1	0.333029288	- T2D risk	Body
cg00947599	GNA12	chr7	0.333045654	- T2D risk	Body
cg24789321	ASH1L	chr1	0.333173251	- T2D risk	Body
cg27566746	DNAJC1	chr10	0.333219994	- T2D risk	Body
cg02903680	PDE8A	chr15	0.333419329	+ T2D risk	Body
cg16899038	DIP2C	chr10	0.333429136	+ T2D risk	Body

cg03745002	TOX3	chr16	0.33348908	- T2D risk	5'UTR
cg03745002	TOX3	chr16	0.33348908	- T2D risk	TSS1500
cg26720817	ERC2	chr3	0.333579829	- T2D risk	3'UTR
cg09317372	NCOA7	chr6	0.333588747	+ T2D risk	5'UTR
cg08448479	ANK2	chr4	0.333596978	- T2D risk	Body
cg02739534	KIAA1217	chr10	0.333654375	- T2D risk	Body
cg13806480	ATXN1	chr6	0.333700956	- T2D risk	5'UTR
cg21338340	ANK2	chr4	0.333712881	- T2D risk	Body
cg00572058	UNC80	chr2	0.333723528	- T2D risk	Body
cg15557065	KCNJ18	chr17	0.33377599	+ T2D risk	TSS200
cg15557065	KCNJ12	chr17	0.33377599	+ T2D risk	5'UTR
cg24528604	PICALM	chr11	0.333801287	+ T2D risk	Body
cg21009420	CNTNAP2	chr7	0.333808604	+ T2D risk	Body
cg13422751	CDH22	chr20	0.333848581	- T2D risk	Body
cg23038277	ITPKB	chr1	0.333891957	- T2D risk	Body
cg25440600	ULK4	chr3	0.333953275	+ T2D risk	Body
cg18597411	CUL1	chr7	0.333995634	- T2D risk	TSS1500
cg01801350	RNF217	chr6	0.33400782	- T2D risk	TSS1500
cg02608427	NUP98	chr11	0.334096084	+ T2D risk	Body
cg03876705	TOX3	chr16	0.334233716	- T2D risk	Body
cg25052122	ANK3	chr10	0.334243266	+ T2D risk	Body
cg05555653	ZHX2	chr8	0.334261067	- T2D risk	Body
cg03239422	CRYL1	chr13	0.334349615	- T2D risk	TSS1500
cg17974142	ATP6V1A	chr3	0.334395615	+ T2D risk	TSS1500
cg10222826	SKAP1	chr17	0.334452548	+ T2D risk	Body
cg24791843	TANC2	chr17	0.334505302	- T2D risk	Body
cg20410109	ATXN1	chr6	0.334597259	+ T2D risk	5'UTR
cg01149821	KREMEN1	chr22	0.33472963	+ T2D risk	Body
cg21500300	BCAT1	chr12	0.334760577	- T2D risk	TSS1500
cg13808141	TENM2	chr5	0.334818853	+ T2D risk	Body
cg13334757	DIP2C	chr10	0.334865197	- T2D risk	Body
cg11591729	CLOCK	chr4	0.334873088	- T2D risk	5'UTR
cg11591729	CLOCK	chr4	0.334873088	- T2D risk	1stExon
cg23461824	CALD1	chr7	0.334927963	- T2D risk	Body
cg24969601	TMEM131	chr2	0.334994076	+ T2D risk	Body
cg09519954	CREBBP	chr16	0.335111806	- T2D risk	Body
cg17423264	JPH2	chr20	0.335271032	- T2D risk	Body
cg09491787	ANKHD1	chr5	0.335383264	+ T2D risk	Body
cg26381312	EVI5	chr1	0.335406331	+ T2D risk	Body
cg07512343	LMCD1	chr3	0.335446964	- T2D risk	5'UTR
cg07512343	LMCD1	chr3	0.335446964	- T2D risk	Body
cg20877895	ARID2	chr12	0.335472522	- T2D risk	TSS1500
cg13370490	ACTN4	chr19	0.335535691	+ T2D risk	Body
cg18919106	EFR3A	chr8	0.335564976	+ T2D risk	Body
cg16503437	PRKCE	chr2	0.335664194	- T2D risk	Body
cg14871870	ST8SIA1	chr12	0.335786258	+ T2D risk	Body
cg05960597	CDH22	chr20	0.335792478	+ T2D risk	Body
cg05728853	TMEM131	chr2	0.335794966	+ T2D risk	Body
cg04813590	CADM1	chr11	0.335865569	+ T2D risk	Body
cg15993048	PDE7A	chr8	0.335883298	- T2D risk	Body
cg26670433	ARPP19	chr15	0.335983471	- T2D risk	Body
cg26365969	DDC	chr7	0.33608827	- T2D risk	5'UTR
cg24172675	PACS2	chr14	0.336091045	+ T2D risk	Body
cg07633212	MTHFS	chr15	0.336335232	- T2D risk	Body
cg10320070	ZHX2	chr8	0.336373345	- T2D risk	5'UTR
cg14482153	ATXN1	chr6	0.33648878	- T2D risk	Body
cg18402315	KIAA0232	chr4	0.336552656	- T2D risk	Body
cg23353281	TBC1D5	chr3	0.336564474	- T2D risk	5'UTR
cg23353281	TBC1D5	chr3	0.336564474	- T2D risk	1stExon
cg13773290	CPLX2	chr5	0.336597658	- T2D risk	5'UTR
cg04471701	LCA5	chr6	0.336688491	+ T2D risk	5'UTR
cg05146205	CUX1	chr7	0.336769107	- T2D risk	TSS1500
cg23112825	RNF157	chr17	0.33678689	+ T2D risk	Body
cg16074010	PACS2	chr14	0.336820572	+ T2D risk	Body
cg26832509	CHFR	chr12	0.337001899	- T2D risk	TSS1500
cg17125018	PPP1R12A	chr12	0.337056077	- T2D risk	Body
cg13869600	RET	chr10	0.337062262	+ T2D risk	Body
cg24247040	SKAP1	chr17	0.337309356	+ T2D risk	Body
cg07952985	USP53	chr4	0.337313111	- T2D risk	5'UTR
cg07952985	USP53	chr4	0.337313111	- T2D risk	1stExon

cg24340372	RNF217	chr6	0.33742565	- T2D risk	Body
cg20056341	GALK2	chr15	0.337602731	+ T2D risk	Body
cg26303222	CPLX2	chr5	0.337691035	+ T2D risk	5'UTR
cg18430082	RBM4	chr11	0.337696831	- T2D risk	5'UTR
cg08502322	TENM2	chr5	0.3380086	- T2D risk	Body
cg13669769	CHFR	chr12	0.338045859	+ T2D risk	Body
cg19901859	SLIT3	chr5	0.338095004	- T2D risk	Body
cg15593664	KIAA0355	chr19	0.338098662	- T2D risk	3'UTR
cg09433192	SCAF11	chr12	0.338101288	+ T2D risk	Body
cg18191087	ZHX2	chr8	0.338436547	- T2D risk	Body
cg25695378	ANK2	chr4	0.338442615	+ T2D risk	Body
cg00393376	HNRNPA2B1	chr7	0.338622325	- T2D risk	Body
cg11128391	COL4A1	chr13	0.338716935	- T2D risk	Body
cg19499224	KDM4B	chr19	0.338879781	- T2D risk	Body
cg12697116	LMX1B	chr9	0.338961285	+ T2D risk	Body
cg17705152	RTN4	chr2	0.339043621	+ T2D risk	Body
cg17029260	ATXN1	chr6	0.339129401	+ T2D risk	5'UTR
cg25314266	SCARB2	chr4	0.33918275	+ T2D risk	Body
cg03204339	TAB2	chr6	0.339234892	- T2D risk	Body
cg13220896	SRPK2	chr7	0.339266853	- T2D risk	Body
cg09212577	SPPL2A	chr15	0.339456063	+ T2D risk	Body
cg26472074	BCAT1	chr12	0.339604344	- T2D risk	Body
cg26472074	BCAT1	chr12	0.339604344	- T2D risk	TSS1500
cg11817192	GNA12	chr7	0.339657389	+ T2D risk	Body
cg24776427	MEIS2	chr15	0.339836883	- T2D risk	Body
cg26340889	KCNIP3	chr2	0.339969928	- T2D risk	Body
cg17067577	ANK2	chr4	0.339999602	+ T2D risk	Body
cg01456229	CLASP2	chr3	0.340149728	+ T2D risk	Body
cg13313051	TBC1D5	chr3	0.340345171	+ T2D risk	5'UTR
cg19008133	ADCY5	chr3	0.340393709	+ T2D risk	Body
cg19940563	ATP8A2	chr13	0.340417059	+ T2D risk	Body
cg11471651	SGSM2	chr17	0.34044762	- T2D risk	5'UTR
cg11471651	SGSM2	chr17	0.34044762	- T2D risk	1stExon
cg05037622	JPH2	chr20	0.340624724	+ T2D risk	TSS1500
cg06833778	RGS7	chr1	0.340742154	- T2D risk	Body
cg09915396	RAP1GAP2	chr17	0.340903928	- T2D risk	Body
cg07047197	INPP4A	chr2	0.340961282	- T2D risk	5'UTR
cg08828886	CHFR	chr12	0.340995621	- T2D risk	Body
cg27212234	ATP4A	chr19	0.341027052	+ T2D risk	Body
cg05845765	CUX1	chr7	0.341395703	+ T2D risk	Body
cg09423037	TENM2	chr5	0.341447569	- T2D risk	Body
cg18911778	ANK2	chr4	0.341497498	+ T2D risk	Body
cg09584163	TANC2	chr17	0.341578927	- T2D risk	Body
cg21403580	INPP4A	chr2	0.341614794	- T2D risk	ExonBnd
cg21403580	INPP4A	chr2	0.341614794	- T2D risk	5'UTR
cg23143323	ERC2	chr3	0.341674041	+ T2D risk	3'UTR
cg11521114	KIAA0355	chr19	0.341827722	+ T2D risk	Body
cg09753064	JPH2	chr20	0.341832592	- T2D risk	Body
cg07262659	DIP2C	chr10	0.34189264	- T2D risk	Body
cg07738413	NGLY1	chr3	0.342047382	- T2D risk	Body
cg10697473	AGPAT3	chr21	0.342076512	- T2D risk	3'UTR
cg16710170	PRKAG2	chr7	0.342181292	+ T2D risk	Body
cg17034614	TSHZ1	chr18	0.342219679	+ T2D risk	Body
cg24838436	PLEKHG3	chr14	0.34224848	- T2D risk	5'UTR
cg24671530	TTC28	chr22	0.342256211	+ T2D risk	Body
cg26046284	TENM2	chr5	0.342293989	- T2D risk	Body
cg12738151	ATP8A2	chr13	0.342648879	- T2D risk	Body
cg00021166	PPFIBP1	chr12	0.342732572	- T2D risk	TSS1500
cg14312434	AMD1	chr6	0.342778911	+ T2D risk	TSS1500
cg08167250	GLG1	chr16	0.342942442	- T2D risk	Body
ch.7.2185748R	CUX1	chr7	0.342946641	- T2D risk	Body
cg09096476	AMD1	chr6	0.343206306	- T2D risk	5'UTR
cg09096476	AMD1	chr6	0.343206306	- T2D risk	Body
cg18446336	GNA12	chr7	0.343226635	- T2D risk	Body
cg17221083	SPOCK1	chr5	0.343252751	+ T2D risk	Body
cg09649686	NCOA7	chr6	0.343286492	+ T2D risk	5'UTR
cg00369126	MGRN1	chr16	0.343314842	+ T2D risk	TSS200
cg19722656	MAN1A1	chr6	0.343402744	+ T2D risk	Body
cg20580350	ZHX2	chr8	0.343431253	+ T2D risk	5'UTR
cg07951978	CHFR	chr12	0.343573167	- T2D risk	TSS1500

cg05706373	PDE8A	chr15	0.343691477	+ T2D risk	Body
cg10433410	AMD1	chr6	0.343705542	- T2D risk	5'UTR
cg07412186	ATXN1	chr6	0.343825856	+ T2D risk	5'UTR
cg08803535	POC1B	chr12	0.343883042	+ T2D risk	Body
cg06716922	CREBBP	chr16	0.343889731	+ T2D risk	Body
cg16177259	MAN1A1	chr6	0.343911604	- T2D risk	Body
cg23151649	PRKAG2	chr7	0.343945551	+ T2D risk	Body
cg22592108	ARL15	chr5	0.344174612	- T2D risk	Body
cg04865506	NF1	chr17	0.344206208	+ T2D risk	Body
cg12747180	ADCY5	chr3	0.344301752	+ T2D risk	Body
cg06085817	PDE3A	chr12	0.3443606	+ T2D risk	Body
cg06085817	PDE3A	chr12	0.3443606	+ T2D risk	TSS1500
cg03653726	GNA12	chr7	0.344476431	+ T2D risk	3'UTR
cg05285429	ROBO2	chr3	0.344566959	- T2D risk	Body
cg18603028	SPOCK1	chr5	0.344769602	- T2D risk	5'UTR
cg06941335	RGS7	chr1	0.34484738	- T2D risk	5'UTR
cg27158659	PRKCE	chr2	0.344874118	- T2D risk	Body
cg18654877	ST8SIA1	chr12	0.344914456	- T2D risk	5'UTR
cg18654877	ST8SIA1	chr12	0.344914456	- T2D risk	Body
cg18389062	MAN1A2	chr1	0.344944399	+ T2D risk	TSS1500
cg01727128	RNF217	chr6	0.345064546	- T2D risk	TSS1500
cg01727128	RNF217	chr6	0.345064546	- T2D risk	Body
cg11582100	GAD1	chr2	0.345260658	- T2D risk	1stExon
cg11582100	GAD1	chr2	0.345260658	- T2D risk	5'UTR
cg26666915	TMEM131	chr2	0.345442023	+ T2D risk	Body
cg09798033	CUX2	chr12	0.345447576	- T2D risk	Body
cg07582407	SCAF11	chr12	0.345534063	- T2D risk	5'UTR
cg08310224	PACRG	chr6	0.345536812	- T2D risk	Body
cg03708234	PRKCE	chr2	0.345595466	- T2D risk	Body
cg17670650	PTPRU	chr1	0.345648939	+ T2D risk	Body
cg00781957	PRKAG2	chr7	0.345666859	+ T2D risk	Body
cg15433902	PPP1R12A	chr12	0.345810916	+ T2D risk	TSS200
cg15433902	PPP1R12A	chr12	0.345810916	+ T2D risk	TSS1500
cg07628084	LAMA4	chr6	0.345903139	- T2D risk	TSS1500
cg23204070	ATP2B1	chr12	0.346046093	- T2D risk	Body
cg21535772	GAD1	chr2	0.346129098	+ T2D risk	Body
cg16080125	GNA12	chr7	0.34617679	- T2D risk	Body
cg01171429	WWP2	chr16	0.346215062	+ T2D risk	Body
cg23054647	ZHX2	chr8	0.346394663	- T2D risk	5'UTR
cg03232613	PCYT1A	chr3	0.346409831	+ T2D risk	Body
cg16521460	APC	chr5	0.346483697	+ T2D risk	Body
cg16340268	ITPKB	chr1	0.346530532	+ T2D risk	5'UTR
cg22431466	PLAGL1	chr6	0.346557322	- T2D risk	5'UTR
cg08544585	LAP3	chr4	0.346566715	- T2D risk	Body
cg09618830	RBBP6	chr16	0.346604558	+ T2D risk	Body
cg22784060	COL4A1	chr13	0.346617941	+ T2D risk	Body
cg01076454	TBC1D5	chr3	0.346639217	- T2D risk	5'UTR
cg01076454	TBC1D5	chr3	0.346639217	- T2D risk	TSS1500
cg19538119	PDK1	chr2	0.346657966	+ T2D risk	TSS1500
cg19538119	PDK1	chr2	0.346657966	+ T2D risk	Body
cg03358468	KDM4B	chr19	0.346660997	+ T2D risk	Body
cg13903087	ERC2	chr3	0.346873056	- T2D risk	3'UTR
cg07496388	ANK3	chr10	0.346951946	- T2D risk	1stExon
cg07496388	ANK3	chr10	0.346951946	- T2D risk	5'UTR
cg07496388	ANK3	chr10	0.346951946	- T2D risk	Body
cg17961556	GRK5	chr10	0.346982973	+ T2D risk	Body
cg13251829	UXS1	chr2	0.347015702	- T2D risk	Body
cg22104276	GRK5	chr10	0.347189935	- T2D risk	Body
cg01536712	ZRANB1	chr10	0.347262022	- T2D risk	Body
cg02193611	KIAA1217	chr10	0.347284341	- T2D risk	TSS1500
cg22399809	PRKAG2	chr7	0.347411158	+ T2D risk	Body
cg11819081	ATXN1	chr6	0.347544073	- T2D risk	5'UTR
cg02293985	TANC2	chr17	0.347554622	- T2D risk	Body
cg08082436	RBBP6	chr16	0.347639779	+ T2D risk	TSS1500
cg10578110	CUX2	chr12	0.34767254	- T2D risk	Body
cg13628971	GNA12	chr7	0.347698153	+ T2D risk	TSS1500
cg09414426	LAMA4	chr6	0.347716345	- T2D risk	Body
cg00398816	RET	chr10	0.347733991	+ T2D risk	Body
cg08166431	CLEC16A	chr16	0.347756783	+ T2D risk	Body
cg15553710	USP53	chr4	0.347769253	+ T2D risk	Body

cg04493488	TOX3	chr16	0.347814108	- T2D risk	5'UTR
cg04493488	TOX3	chr16	0.347814108	- T2D risk	Body
cg18553732	CHKA	chr11	0.347864996	+ T2D risk	Body
cg02606398	ARL15	chr5	0.34789964	- T2D risk	Body
cg20580912	TTC28	chr22	0.347938259	- T2D risk	TSS1500
cg11314488	SKAP1	chr17	0.347961785	+ T2D risk	Body
cg11828932	PRKD1	chr14	0.347998122	- T2D risk	Body
cg00406211	GRK5	chr10	0.348366396	- T2D risk	Body
cg23359839	LAP3	chr4	0.348533466	- T2D risk	Body
cg08050550	TMEM150C	chr4	0.348606551	- T2D risk	Body
cg13246235	PHACTR1	chr6	0.348649404	- T2D risk	Body
cg03608515	RAP2A	chr13	0.348771004	- T2D risk	Body
cg19079117	ATP6V1H	chr8	0.349105029	- T2D risk	Body
cg20578018	ACTN4	chr19	0.34917604	- T2D risk	TSS1500
cg26857910	KCNJ12	chr17	0.349357403	- T2D risk	TSS200
cg01578632	WWP2	chr16	0.349613567	+ T2D risk	TSS1500
cg01578632	WWP2	chr16	0.349613567	+ T2D risk	Body
cg09789698	WWP2	chr16	0.349695251	+ T2D risk	5'UTR
cg21797906	PPFIBP1	chr12	0.349802607	- T2D risk	5'UTR
cg09492830	DYNC1I2	chr2	0.34980782	- T2D risk	5'UTR
cg09492830	DYNC1I2	chr2	0.34980782	- T2D risk	TSS200
cg09492830	DYNC1I2	chr2	0.34980782	- T2D risk	1stExon
cg15750633	ACSS2	chr20	0.349897448	- T2D risk	Body
cg20055548	CALD1	chr7	0.349924851	- T2D risk	Body
cg16783764	PACS2	chr14	0.349966545	+ T2D risk	Body
cg13031545	PHACTR1	chr6	0.349995369	- T2D risk	Body
cg13389684	SSB	chr2	0.350044327	- T2D risk	TSS200
cg18662080	FLT1	chr13	0.350130437	- T2D risk	Body
cg08123816	PDE8A	chr15	0.350203069	- T2D risk	Body
cg23049758	SPAG9	chr17	0.350296141	+ T2D risk	Body
cg16817413	ANK2	chr4	0.350327324	- T2D risk	Body
cg26197220	TSC22D1	chr13	0.350374793	- T2D risk	1stExon
cg26197220	TSC22D1	chr13	0.350374793	- T2D risk	5'UTR
cg05677464	SPAG9	chr17	0.350452546	+ T2D risk	Body
cg17423813	GRK5	chr10	0.350453016	+ T2D risk	Body
cg10636297	AGPAT3	chr21	0.350599178	- T2D risk	3'UTR
cg16419054	PACS2	chr14	0.350648741	+ T2D risk	Body
cg14387182	NCOA7	chr6	0.350658917	- T2D risk	5'UTR
cg24322380	GLG1	chr16	0.35100479	+ T2D risk	Body
cg18576674	CLEC16A	chr16	0.351051715	+ T2D risk	Body
cg15978017	FLT1	chr13	0.35128593	+ T2D risk	Body
cg04165359	RANBP17	chr5	0.351302003	+ T2D risk	Body
cg24572153	CRYL1	chr13	0.35138662	- T2D risk	Body
cg14436051	DIP2C	chr10	0.351455586	- T2D risk	Body
cg24185852	SLIT3	chr5	0.351508194	+ T2D risk	Body
cg19965221	TJP1	chr15	0.351534732	- T2D risk	1stExon
cg19965221	TJP1	chr15	0.351534732	- T2D risk	5'UTR
cg09664186	FBXO11	chr2	0.351547844	+ T2D risk	5'UTR
cg14191360	MET	chr7	0.351558928	+ T2D risk	TSS1500
cg22616646	KDM4B	chr19	0.351646991	- T2D risk	5'UTR
cg09326497	ERC2	chr3	0.351689103	+ T2D risk	Body
cg21558014	GGPS1	chr1	0.351730795	- T2D risk	TSS200
cg21558014	GGPS1	chr1	0.351730795	- T2D risk	TSS1500
cg07258928	OXSM	chr3	0.351891648	- T2D risk	Body
cg07258928	NGLY1	chr3	0.351891648	- T2D risk	TSS1500
cg07258928	OXSM	chr3	0.351891648	- T2D risk	5'UTR
cg21229510	ATP8A2	chr13	0.352103596	- T2D risk	Body
cg06345856	LAMA4	chr6	0.352104477	- T2D risk	Body
cg07730071	RCAN2	chr6	0.352148517	- T2D risk	Body
cg08736634	PPFIBP1	chr12	0.352161793	- T2D risk	TSS200
cg23537932	GRK5	chr10	0.35220979	+ T2D risk	Body
cg00332951	DIP2C	chr10	0.352326902	- T2D risk	Body
cg04447006	SRPK2	chr7	0.352403393	+ T2D risk	Body
cg13549461	CALD1	chr7	0.352442174	+ T2D risk	Body
cg13549461	CALD1	chr7	0.352442174	+ T2D risk	TSS1500
cg03359285	TOP2A	chr17	0.352521853	+ T2D risk	Body
cg20155837	NCOR1	chr17	0.352657809	- T2D risk	Body
cg22301272	CHFR	chr12	0.352670456	+ T2D risk	Body
cg11051391	SRPK2	chr7	0.352807626	+ T2D risk	Body
cg07061355	SLC30A8	chr8	0.352836735	+ T2D risk	TSS200

cg00830401	<i>PRKAG2</i>	chr7	0.352837808	+ T2D risk	Body
cg16178141	<i>KCNIP3</i>	chr2	0.352867371	- T2D risk	Body
cg26533193	<i>DIP2C</i>	chr10	0.352868619	- T2D risk	Body
cg15244981	<i>KDM4B</i>	chr19	0.353055352	+ T2D risk	5'UTR
cg14769265	<i>PCYT1A</i>	chr3	0.35310003	- T2D risk	5'UTR
cg19605080	<i>LAMA4</i>	chr6	0.353232405	- T2D risk	TSS1500
cg24729600	<i>ROBO2</i>	chr3	0.353268158	- T2D risk	5'UTR
cg24729600	<i>ROBO2</i>	chr3	0.353268158	- T2D risk	Body
cg01200905	<i>TOX3</i>	chr16	0.353297552	- T2D risk	Body
cg21406217	<i>HMBOX1</i>	chr8	0.353457256	+ T2D risk	5'UTR
cg21406217	<i>HMBOX1</i>	chr8	0.353457256	+ T2D risk	1stExon
cg16760019	<i>HMBOX1</i>	chr8	0.353614993	- T2D risk	5'UTR
cg06891548	<i>GGPS1</i>	chr1	0.353655646	- T2D risk	5'UTR
cg07186448	<i>DNAH9</i>	chr17	0.353850398	+ T2D risk	5'UTR
cg07186448	<i>DNAH9</i>	chr17	0.353850398	+ T2D risk	1stExon
cg07186448	<i>DNAH9</i>	chr17	0.353850398	+ T2D risk	Body
cg01668174	<i>UXS1</i>	chr2	0.353913709	+ T2D risk	1stExon
cg13472882	<i>APBA1</i>	chr9	0.353959428	- T2D risk	TSS1500
cg12380513	<i>KDM4B</i>	chr19	0.353990901	+ T2D risk	Body
cg18491269	<i>ATRNL1</i>	chr10	0.354071591	+ T2D risk	Body
cg15351697	<i>ULK4</i>	chr3	0.354133911	+ T2D risk	Body
cg09951433	<i>CUX1</i>	chr7	0.354160811	- T2D risk	Body
cg01183424	<i>PLAGL1</i>	chr6	0.354193424	+ T2D risk	5'UTR
cg05957544	<i>AGPAT3</i>	chr21	0.354212529	- T2D risk	5'UTR
cg24345338	<i>RCAN2</i>	chr6	0.354225792	+ T2D risk	3'UTR
cg19947171	<i>RGS7</i>	chr1	0.35429884	- T2D risk	Body
cg10663557	<i>CPLX2</i>	chr5	0.354403201	+ T2D risk	3'UTR
cg19904411	<i>TSGA10</i>	chr2	0.354434515	+ T2D risk	5'UTR
cg05765921	<i>DIP2C</i>	chr10	0.354436042	- T2D risk	Body
cg22465905	<i>UBL3</i>	chr13	0.354570923	- T2D risk	Body
cg11750789	<i>NGLY1</i>	chr3	0.354742807	+ T2D risk	Body
cg11750789	<i>NGLY1</i>	chr3	0.354742807	+ T2D risk	TSS200
cg17566342	<i>PACRG</i>	chr6	0.354746257	- T2D risk	Body
cg23786063	<i>ARID2</i>	chr12	0.354946581	- T2D risk	Body
cg09522699	<i>TMEM131</i>	chr2	0.35494916	+ T2D risk	Body
cg17494625	<i>ASB9</i>	chrX	0.355147416	- T2D risk	1stExon
cg17494625	<i>ASB9</i>	chrX	0.355147416	- T2D risk	5'UTR
cg27015805	<i>ATXN1</i>	chr6	0.355214616	+ T2D risk	TSS1500
cg18758378	<i>SEC31A</i>	chr4	0.35527443	+ T2D risk	1stExon
cg18758378	<i>SEC31A</i>	chr4	0.35527443	+ T2D risk	TSS200
cg18758378	<i>SEC31A</i>	chr4	0.35527443	+ T2D risk	5'UTR
cg02315870	<i>HNRNPA2B1</i>	chr7	0.355591308	- T2D risk	Body
cg10308124	<i>TMEM150C</i>	chr4	0.355622734	- T2D risk	Body
cg23368787	<i>ATP4A</i>	chr19	0.355624933	- T2D risk	Body
cg17398815	<i>COL4A1</i>	chr13	0.355665628	- T2D risk	Body
cg09829457	<i>ARL15</i>	chr5	0.355674381	+ T2D risk	Body
cg14142846	<i>PACRG</i>	chr6	0.355694568	- T2D risk	Body
cg08947191	<i>KDR</i>	chr4	0.355795207	- T2D risk	Body
cg01104047	<i>SPOCK1</i>	chr5	0.355872474	- T2D risk	Body
cg27093563	<i>PHF21A</i>	chr11	0.355949917	+ T2D risk	Body
cg13480738	<i>PRKCE</i>	chr2	0.356038229	- T2D risk	Body
cg06369569	<i>SLC30A8</i>	chr8	0.356041698	- T2D risk	5'UTR
cg10592619	<i>KDM4B</i>	chr19	0.356127655	+ T2D risk	Body
cg05283276	<i>KIAA1217</i>	chr10	0.356167382	+ T2D risk	Body
cg05809858	<i>RANBP17</i>	chr5	0.356170776	+ T2D risk	Body
cg05883149	<i>ROBO2</i>	chr3	0.35622399	+ T2D risk	5'UTR
cg05883149	<i>ROBO2</i>	chr3	0.35622399	+ T2D risk	Body
cg13869415	<i>ZHX2</i>	chr8	0.356226242	+ T2D risk	TSS1500
cg10964302	<i>CUX1</i>	chr7	0.356233273	- T2D risk	Body
cg02521797	<i>ST20</i>	chr15	0.356307325	+ T2D risk	Body
cg02521797	<i>ST20</i>	chr15	0.356307325	+ T2D risk	5'UTR
cg15282665	<i>ST6GAL1</i>	chr3	0.356389662	- T2D risk	5'UTR
cg08467229	<i>ATP8A2</i>	chr13	0.356478686	- T2D risk	Body
cg09924579	<i>HMBOX1</i>	chr8	0.356643679	- T2D risk	Body
cg18917640	<i>GGPS1</i>	chr1	0.356703348	- T2D risk	5'UTR
cg17537683	<i>RTN4</i>	chr2	0.35682727	- T2D risk	Body
cg21429500	<i>LAP3</i>	chr4	0.356989038	- T2D risk	Body
cg25091527	<i>COL4A1</i>	chr13	0.35701871	- T2D risk	Body
cg21185355	<i>ULK4</i>	chr3	0.357129622	- T2D risk	Body
cg23047992	<i>CUX1</i>	chr7	0.35738052	+ T2D risk	Body

cg13493071	GNA12	chr7	0.357395449	+ T2D risk	Body
cg16693127	ANK3	chr10	0.357422371	- T2D risk	1stExon
cg16693127	ANK3	chr10	0.357422371	- T2D risk	5'UTR
cg10023652	PACRG	chr6	0.357456711	- T2D risk	Body
cg13804534	SRPK2	chr7	0.357500379	+ T2D risk	Body
cg06335132	SLC9A6	chrX	0.357528344	+ T2D risk	Body
cg00255889	ATP8A2	chr13	0.357535642	+ T2D risk	Body
cg01276128	ACTN4	chr19	0.35756776	+ T2D risk	5'UTR
cg01276128	ACTN4	chr19	0.35756776	+ T2D risk	1stExon
cg24628896	APBA1	chr9	0.357637481	+ T2D risk	TSS1500
cg18965322	TSGA10	chr2	0.357738466	+ T2D risk	5'UTR
cg11662638	PRKCE	chr2	0.357750072	+ T2D risk	TSS200
cg26471529	HMBBOX1	chr8	0.357807419	- T2D risk	5'UTR
cg26471529	HMBBOX1	chr8	0.357807419	- T2D risk	TSS200
cg23034799	CADM1	chr11	0.357901162	- T2D risk	TSS200
cg16778018	MGRN1	chr16	0.35808071	+ T2D risk	Body
cg23095451	TMEM150C	chr4	0.358153807	+ T2D risk	5'UTR
cg18350895	PRKD1	chr14	0.358251046	- T2D risk	TSS1500
cg18693924	WWP2	chr16	0.358359847	- T2D risk	Body
cg03362840	CALD1	chr7	0.358432515	+ T2D risk	1stExon
cg03362840	CALD1	chr7	0.358432515	+ T2D risk	5'UTR
cg16550012	ARIH1	chr15	0.358498259	+ T2D risk	TSS1500
cg01921059	MET	chr7	0.358524331	- T2D risk	5'UTR
cg06111305	RAP2A	chr13	0.358567772	- T2D risk	1stExon
cg08698854	CALD1	chr7	0.358697956	- T2D risk	Body
cg08698854	CALD1	chr7	0.358697956	- T2D risk	TSS1500
cg25011395	CNTROB	chr17	0.358734981	+ T2D risk	TSS1500
cg04713352	ATP4A	chr19	0.358831194	- T2D risk	TSS1500
cg26395089	ZRANB1	chr10	0.359038869	- T2D risk	Body
cg01082884	FNIP2	chr4	0.359131088	+ T2D risk	Body
cg20690400	WWP2	chr16	0.359148479	- T2D risk	5'UTR
cg21569854	PACS2	chr14	0.359169051	- T2D risk	Body
cg02815171	ANK2	chr4	0.359333029	- T2D risk	TSS1500
cg02815171	ANK2	chr4	0.359333029	- T2D risk	Body
cg13711528	ACTN4	chr19	0.359337389	- T2D risk	TSS200
cg17412248	CDH22	chr20	0.359338237	+ T2D risk	Body
cg02099572	COL4A1	chr13	0.359341186	- T2D risk	Body
cg04908608	PRKCE	chr2	0.359353692	+ T2D risk	Body
cg25984364	BCAT1	chr12	0.359492797	- T2D risk	TSS1500
cg07530250	TSC22D1	chr13	0.359503465	- T2D risk	TSS1500
cg02403292	SLIT3	chr5	0.359560205	- T2D risk	TSS200
cg05351998	TANC2	chr17	0.359748006	- T2D risk	Body
cg13918948	DIP2C	chr10	0.359787037	- T2D risk	Body
cg05633973	DIP2C	chr10	0.359828395	+ T2D risk	Body
cg11679177	RGS7	chr1	0.359838912	- T2D risk	5'UTR
cg26902259	NCOA7	chr6	0.359850449	- T2D risk	TSS200
cg03769371	LCA5	chr6	0.359977301	- T2D risk	TSS200
cg10638769	PPP1R12A	chr12	0.36005394	+ T2D risk	Body
cg18940274	CUL1	chr7	0.360066878	- T2D risk	Body
cg08183300	ARIH1	chr15	0.360256275	+ T2D risk	Body
cg13135255	CREBBP	chr16	0.360302053	- T2D risk	Body
cg03199014	ITPKB	chr1	0.36030605	+ T2D risk	Body
cg03556944	KDM4B	chr19	0.36031567	+ T2D risk	Body
cg06978261	CLASP2	chr3	0.360420572	- T2D risk	Body
cg08426696	SEZ6L	chr22	0.360563647	+ T2D risk	Body
cg16340768	ADCY5	chr3	0.360610902	- T2D risk	Body
cg05890578	PRKCE	chr2	0.36068471	- T2D risk	TSS1500
cg22196130	CHFR	chr12	0.360736076	+ T2D risk	Body
cg12480689	PFKFB2	chr1	0.360740223	+ T2D risk	Body
cg21416120	PLAGL1	chr6	0.360937194	- T2D risk	TSS1500
cg21416120	PLAGL1	chr6	0.360937194	- T2D risk	5'UTR
cg24807339	ANK2	chr4	0.360939304	- T2D risk	Body
ch.14.190588F	PRKD1	chr14	0.360970404	+ T2D risk	Body
cg19905251	SLIT3	chr5	0.36107245	+ T2D risk	TSS1500
cg00956252	CLEC16A	chr16	0.3611091	+ T2D risk	Body
cg18188807	DDC	chr7	0.361248247	+ T2D risk	Body
cg08765214	PDLIM5	chr4	0.361269089	+ T2D risk	Body
cg15509969	GAD1	chr2	0.361384092	+ T2D risk	1stExon
cg15509969	GAD1	chr2	0.361384092	+ T2D risk	5'UTR
cg24636368	SKAP1	chr17	0.361384853	+ T2D risk	Body

cg14979214	CHKA	chr11	0.361415862	- T2D risk	Body
cg15965094	RAP1GAP2	chr17	0.361430843	+ T2D risk	Body
cg05049639	CUX1	chr7	0.361431534	+ T2D risk	Body
cg09969528	PRKAG2	chr7	0.361767781	- T2D risk	5'UTR
cg09969528	PRKAG2	chr7	0.361767781	- T2D risk	Body
cg26498829	POC1B	chr12	0.361887043	+ T2D risk	Body
cg24996339	PHACTR1	chr6	0.361917536	- T2D risk	3'UTR
cg03487200	RBBP6	chr16	0.361959954	- T2D risk	Body
cg10675002	ARL15	chr5	0.361961087	- T2D risk	Body
cg07814335	ARIH1	chr15	0.362053165	+ T2D risk	Body
cg05985663	CREBBP	chr16	0.36232399	- T2D risk	TSS1500
cg08176733	SPOCK1	chr5	0.362476436	- T2D risk	Body
cg00128482	PI15	chr8	0.362582871	+ T2D risk	5'UTR
cg11951169	ASH1L	chr1	0.362607534	+ T2D risk	Body
cg15381380	ITGA1	chr5	0.362673758	+ T2D risk	Body
cg22604429	KREMEN1	chr22	0.362724908	- T2D risk	Body
cg17734243	ATXN1	chr6	0.362906334	+ T2D risk	5'UTR
cg24987775	FAM160A1	chr4	0.362960097	+ T2D risk	3'UTR
cg09969827	TJP1	chr15	0.362968797	- T2D risk	Body
cg23346933	CLIC5	chr6	0.362993882	+ T2D risk	Body
cg18055467	LMX1B	chr9	0.363096615	+ T2D risk	Body
cg00755518	AGPAT3	chr21	0.363103863	- T2D risk	5'UTR
cg19921237	DIP2C	chr10	0.363158036	+ T2D risk	Body
cg25429902	CNTNAP2	chr7	0.363173493	- T2D risk	Body
cg23749448	NF1	chr17	0.363175055	- T2D risk	Body
cg08147187	MGRN1	chr16	0.363341536	- T2D risk	Body
cg02536793	TENM2	chr5	0.363435431	- T2D risk	Body
cg12091594	ZHX2	chr8	0.36361905	- T2D risk	Body
cg06436185	PRKAG2	chr7	0.363898379	+ T2D risk	Body
cg05930631	FBXL2	chr3	0.364294989	+ T2D risk	Body
cg24525684	PRKAG2	chr7	0.36435791	- T2D risk	Body
cg19053250	UNC80	chr2	0.364386825	- T2D risk	Body
cg24911397	TANC2	chr17	0.364401739	- T2D risk	Body
cg02403283	DIP2C	chr10	0.364473586	+ T2D risk	Body
cg04587587	CMTR1	chr6	0.364591181	- T2D risk	TSS1500
cg01765545	SSBP2	chr5	0.364595318	- T2D risk	Body
cg09928260	AMD1	chr6	0.364883935	+ T2D risk	5'UTR
cg07884070	RAP1B	chr12	0.364903121	+ T2D risk	5'UTR
cg19972106	BCAT1	chr12	0.364935185	- T2D risk	3'UTR
cg19550452	AGPAT3	chr21	0.364938538	+ T2D risk	5'UTR
cg19052547	PRKAG2	chr7	0.364944165	+ T2D risk	Body
cg12054772	COL4A1	chr13	0.364949565	- T2D risk	Body
cg26185843	ASH1L	chr1	0.365010817	+ T2D risk	TSS1500
cg00970112	PFKFB2	chr1	0.365013134	+ T2D risk	TSS200
cg27069263	RTN4	chr2	0.365096377	- T2D risk	TSS1500
cg05072426	ANK3	chr10	0.365130014	- T2D risk	Body
cg21289613	KIAA0355	chr19	0.365134651	- T2D risk	5'UTR
cg15082648	CHID1	chr11	0.365299474	- T2D risk	Body
cg17344149	NUP98	chr11	0.365416622	- T2D risk	5'UTR
cg17493303	RHOA	chr3	0.365453579	+ T2D risk	TSS1500
cg25918541	NPAT	chr11	0.365520596	+ T2D risk	Body
cg04747278	ACTN4	chr19	0.365546536	+ T2D risk	Body
cg17525385	TENM2	chr5	0.365608703	+ T2D risk	Body
cg11169227	APBA1	chr9	0.365699911	+ T2D risk	3'UTR
cg21093704	COL4A1	chr13	0.365718802	+ T2D risk	Body
cg26687497	SLC30A8	chr8	0.365808542	- T2D risk	5'UTR
cg26687497	SLC30A8	chr8	0.365808542	- T2D risk	1stExon
cg26597734	CLEC16A	chr16	0.36602897	+ T2D risk	Body
cg18669388	SLIT3	chr5	0.366134978	- T2D risk	TSS1500
cg14376625	CUX2	chr12	0.366161434	- T2D risk	Body
cg06907479	EVI5	chr1	0.366180268	- T2D risk	Body
cg19780684	ASB9	chrX	0.366191934	+ T2D risk	1stExon
cg19780684	ASB9	chrX	0.366191934	+ T2D risk	5'UTR
cg09125627	ADCY5	chr3	0.366201071	- T2D risk	Body
cg24524634	GNA12	chr7	0.366267218	- T2D risk	Body
cg03274539	RAP1GAP2	chr17	0.366457267	- T2D risk	Body
cg02716173	PDLIM5	chr4	0.366593424	- T2D risk	TSS1500
cg10140536	USP29	chr19	0.366655631	+ T2D risk	TSS1500
cg21039885	GLG1	chr16	0.366696996	- T2D risk	Body
cg17733649	PRKAG2	chr7	0.366762134	- T2D risk	Body

cg18477928	CUX2	chr12	0.36678725	- T2D risk	Body
cg26537431	ATXN1	chr6	0.366922364	- T2D risk	Body
cg11320208	TENM2	chr5	0.367131629	- T2D risk	Body
cg03357727	ULK4	chr3	0.367229988	- T2D risk	Body
cg01419417	DYNC111	chr7	0.367237168	- T2D risk	Body
cg06926254	TMEM219	chr16	0.367302547	+ T2D risk	TSS1500
cg05789099	TENM2	chr5	0.367388793	+ T2D risk	Body
cg14401309	NOL4	chr18	0.367440605	- T2D risk	Body
cg14742497	PRKD1	chr14	0.36751119	+ T2D risk	Body
cg22028137	PDE7A	chr8	0.367637601	+ T2D risk	Body
cg09786608	PDE5A	chr4	0.367657846	- T2D risk	TSS200
cg09786608	PDE5A	chr4	0.367657846	- T2D risk	TSS1500
cg02676906	DIP2C	chr10	0.367658487	- T2D risk	Body
cg02459537	KCNIP3	chr2	0.367800197	- T2D risk	Body
cg12900739	RRAGB	chrX	0.367802329	+ T2D risk	TSS200
cg10835212	PACS2	chr14	0.368013768	- T2D risk	3'UTR
cg17567602	UXS1	chr2	0.36809093	+ T2D risk	Body
cg09737793	CUX2	chr12	0.368091919	- T2D risk	Body
cg25244253	BCAT1	chr12	0.368163368	+ T2D risk	TSS1500
cg15816862	ATXN1	chr6	0.368169727	+ T2D risk	5'UTR
cg25391724	RGS7	chr1	0.368237414	+ T2D risk	Body
cg25984601	SLIT3	chr5	0.368244911	+ T2D risk	Body
cg05083630	APBA1	chr9	0.368327873	- T2D risk	5'UTR
cg25093603	SLIT3	chr5	0.368425396	+ T2D risk	Body
cg27665812	KIAA1217	chr10	0.36843067	+ T2D risk	Body
cg14656774	NCOA2	chr8	0.368650607	+ T2D risk	5'UTR
cg06635715	DNAJC1	chr10	0.368684885	+ T2D risk	Body
cg04482825	MEIS2	chr15	0.368815101	- T2D risk	Body
cg04697126	AMD1	chr6	0.368858814	- T2D risk	5'UTR
cg12913479	HNRNPA2B1	chr7	0.368975442	+ T2D risk	TSS1500
cg07957498	DIP2C	chr10	0.369092121	+ T2D risk	Body
cg13783152	SH3GL2	chr9	0.369106419	+ T2D risk	5'UTR
cg13783152	SH3GL2	chr9	0.369106419	+ T2D risk	1stExon
cg02899960	GLG1	chr16	0.369109228	- T2D risk	TSS1500
cg00540891	RET	chr10	0.369143393	- T2D risk	TSS1500
cg25635922	PACS2	chr14	0.36919315	- T2D risk	Body
cg13488761	SLIT3	chr5	0.369202503	- T2D risk	Body
cg03147470	DIP2C	chr10	0.369274093	+ T2D risk	Body
cg08942716	CNTROB	chr17	0.369289843	+ T2D risk	TSS1500
cg10718835	CRYL1	chr13	0.369304417	+ T2D risk	Body
cg08325898	NCOA2	chr8	0.36958853	+ T2D risk	Body
cg22775956	CDH22	chr20	0.369629101	- T2D risk	Body
cg21857146	TTC28	chr22	0.369648164	- T2D risk	Body
cg26353192	BCAT1	chr12	0.369746878	+ T2D risk	Body
cg26353713	TAB2	chr6	0.369774541	+ T2D risk	Body
cg03544525	PFKFB2	chr1	0.369936357	- T2D risk	TSS200
cg13454135	ULK4	chr3	0.369995636	+ T2D risk	1stExon
cg13454135	ULK4	chr3	0.369995636	+ T2D risk	5'UTR
cg08701053	PPFIBP1	chr12	0.370104361	+ T2D risk	Body
cg12685846	TJP1	chr15	0.370164687	- T2D risk	TSS200
cg12111714	ATP8A2	chr13	0.370205714	- T2D risk	Body
cg01507577	CNTNAP2	chr7	0.370269637	+ T2D risk	Body
cg14232793	NCOA2	chr8	0.370314708	- T2D risk	5'UTR
cg03893387	LMX1B	chr9	0.370399848	+ T2D risk	Body
cg10843310	FAM160A1	chr4	0.370439402	- T2D risk	5'UTR
cg08350738	ARL8B	chr3	0.370440053	+ T2D risk	Body
cg01704198	CLASP2	chr3	0.370531874	- T2D risk	Body
cg09368905	PRKCE	chr2	0.370575627	+ T2D risk	Body
cg18913798	DLL4	chr15	0.370683786	- T2D risk	TSS1500
cg16348076	CLEC16A	chr16	0.371149362	+ T2D risk	Body
cg11009100	KIAA1217	chr10	0.371212285	- T2D risk	5'UTR
cg11423517	DDC	chr7	0.371308807	- T2D risk	Body
cg22043586	ATP2B1	chr12	0.371362912	+ T2D risk	Body
cg25030513	NUCB2	chr11	0.371364109	- T2D risk	TSS1500
cg19135835	FNIP2	chr4	0.371458433	+ T2D risk	Body
cg10300897	PRKCE	chr2	0.371760467	+ T2D risk	Body
cg00007226	PACS2	chr14	0.371788361	+ T2D risk	1stExon
cg24318684	KIAA1217	chr10	0.371844664	- T2D risk	Body
cg08821669	COX6A1	chr12	0.371865677	+ T2D risk	1stExon
cg04561075	PRKCE	chr2	0.371865708	- T2D risk	Body

cg13660622	SRPK2	chr7	0.371986248	- T2D risk	Body
cg02234139	DDC	chr7	0.372080815	+ T2D risk	Body
cg15618517	APC	chr5	0.372155501	- T2D risk	Body
cg22300622	SEZ6L	chr22	0.372193171	- T2D risk	Body
cg17491288	TSC22D1	chr13	0.372245153	- T2D risk	1stExon
cg17491288	TSC22D1	chr13	0.372245153	- T2D risk	5'UTR
cg19848034	TPCN1	chr12	0.372257215	+ T2D risk	Body
cg13770461	PHF21A	chr11	0.372298394	+ T2D risk	Body
cg24265969	ERC2	chr3	0.372323725	- T2D risk	3'UTR
cg01552777	DIP2C	chr10	0.3723701	+ T2D risk	Body
cg01245268	RAP1GAP2	chr17	0.372423581	+ T2D risk	Body
cg04086239	PRKCB	chr16	0.372644502	+ T2D risk	Body
cg13069535	RBM4	chr11	0.372702974	- T2D risk	5'UTR
cg17417193	CLIC5	chr6	0.372791898	- T2D risk	Body
cg27654189	UXS1	chr2	0.372953699	+ T2D risk	TSS200
cg19415587	PTPRU	chr1	0.372987651	+ T2D risk	Body
cg06613222	PRKCE	chr2	0.373048637	- T2D risk	Body
cg01839603	GNA12	chr7	0.373082746	+ T2D risk	Body
cg02279883	TANC2	chr17	0.373150469	- T2D risk	TSS1500
cg26920504	CADM1	chr11	0.373183201	+ T2D risk	Body
cg27425700	RHBDD1	chr2	0.373212432	- T2D risk	Body
cg24978482	POC1B	chr12	0.373323421	- T2D risk	Body
cg03996348	CLASP2	chr3	0.373419324	- T2D risk	Body
cg24164005	DDC	chr7	0.3735964	- T2D risk	TSS1500
cg24164005	DDC	chr7	0.3735964	- T2D risk	5'UTR
cg23342001	ATRNL1	chr10	0.37359979	- T2D risk	Body
cg09801828	ACSS2	chr20	0.373608358	+ T2D risk	TSS200
cg21345207	NCOA7	chr6	0.373616296	- T2D risk	Body
cg23497644	SSB	chr2	0.373617482	- T2D risk	TSS1500
cg19671084	RCAN2	chr6	0.373740459	- T2D risk	5'UTR
cg14519877	CALD1	chr7	0.373829414	+ T2D risk	Body
cg11791482	ATXN1	chr6	0.373861895	- T2D risk	5'UTR
cg10125127	APBA1	chr9	0.373875106	- T2D risk	5'UTR
cg22699461	CALD1	chr7	0.373903787	- T2D risk	5'UTR
cg10996014	RHOA	chr3	0.374000455	- T2D risk	TSS1500
cg10223008	ULK4	chr3	0.374154505	+ T2D risk	Body
cg15880762	GALK2	chr15	0.374190146	+ T2D risk	TSS1500
cg02184609	GNA12	chr7	0.374193733	- T2D risk	Body
cg24898562	WIZ	chr19	0.374350858	+ T2D risk	Body
cg09284795	MTHFS	chr15	0.374371851	+ T2D risk	TSS1500
ch.1.1047298R	PTP4A2	chr1	0.374577955	- T2D risk	Body
cg07388580	ATXN1	chr6	0.37458568	+ T2D risk	5'UTR
cg02506578	NGLY1	chr3	0.374630406	- T2D risk	Body
cg00142834	WWP2	chr16	0.374939021	- T2D risk	TSS1500
cg03091512	RHBDD1	chr2	0.375057621	- T2D risk	5'UTR
cg13227893	CMTR1	chr6	0.375196181	+ T2D risk	Body
cg02203207	POC1B	chr12	0.375214309	- T2D risk	Body
cg20798729	KIAA1217	chr10	0.375289269	+ T2D risk	TSS1500
cg20798729	KIAA1217	chr10	0.375289269	+ T2D risk	5'UTR
cg20798729	KIAA1217	chr10	0.375289269	+ T2D risk	Body
cg06571559	DIP2C	chr10	0.375310126	- T2D risk	Body
cg22530055	AGPAT3	chr21	0.375326071	+ T2D risk	5'UTR
cg14201467	CADM1	chr11	0.37549496	- T2D risk	Body
cg15420926	EFR3A	chr8	0.375516845	+ T2D risk	Body
cg25947141	CUX1	chr7	0.375519098	+ T2D risk	Body
cg11393025	TOP2A	chr17	0.375564154	+ T2D risk	Body
cg05617141	RANBP17	chr5	0.375659815	+ T2D risk	Body
cg19953972	TBC1D5	chr3	0.375929357	- T2D risk	5'UTR
cg26586242	YWHAQ	chr2	0.375945202	+ T2D risk	Body
cg17658085	PRKAG2	chr7	0.376003058	+ T2D risk	Body
cg16070387	SGSM2	chr17	0.3761166	+ T2D risk	Body
cg22265379	KIAA1217	chr10	0.376165835	+ T2D risk	Body
cg14489159	NF1	chr17	0.376199141	- T2D risk	TSS200
cg15562756	RAP1GAP2	chr17	0.376315867	+ T2D risk	Body
cg13926796	CUX1	chr7	0.376334967	+ T2D risk	Body
cg05318891	PTP4A2	chr1	0.376476173	- T2D risk	3'UTR
cg09395436	KIAA1109	chr4	0.376501357	- T2D risk	Body
cg00678354	PDE7A	chr8	0.376533919	+ T2D risk	Body
cg23300267	CUX2	chr12	0.3765734	- T2D risk	3'UTR
cg16402814	CHID1	chr11	0.376635894	+ T2D risk	TSS200

cg23239588	PACRG	chr6	0.376733517	- T2D risk	Body
cg14025220	ATXN1	chr6	0.376783127	- T2D risk	5'UTR
cg26280690	MTHFS	chr15	0.376875911	- T2D risk	Body
cg12404313	DIP2C	chr10	0.376975696	+ T2D risk	Body
cg08933276	GNA12	chr7	0.377144401	+ T2D risk	3'UTR
cg21985745	STX6	chr1	0.377185633	- T2D risk	Body
cg18792803	COL4A1	chr13	0.377263274	+ T2D risk	Body
cg26245549	DIP2C	chr10	0.377288711	+ T2D risk	Body
cg02992503	CTR9	chr11	0.377291282	+ T2D risk	Body
cg14887811	ATRNL1	chr10	0.377318698	+ T2D risk	3'UTR
cg24176647	ARL15	chr5	0.377366951	+ T2D risk	Body
cg09618971	TSC22D1	chr13	0.377426415	- T2D risk	1stExon
cg09618971	TSC22D1	chr13	0.377426415	- T2D risk	Body
cg12911428	NOL4	chr18	0.377561613	- T2D risk	TSS1500
cg17357263	CDH22	chr20	0.377956161	- T2D risk	Body
cg18200423	POLA1	chrX	0.377966518	- T2D risk	Body
cg24754199	DIP2C	chr10	0.378111219	- T2D risk	Body
cg01040649	ST6GAL1	chr3	0.37824928	+ T2D risk	5'UTR
cg01040649	ST6GAL1	chr3	0.37824928	+ T2D risk	TSS1500
cg11920745	DIP2C	chr10	0.378255554	+ T2D risk	Body
cg07960932	NPEPPS	chr17	0.378376385	+ T2D risk	Body
cg16021135	ADCY5	chr3	0.378489758	+ T2D risk	Body
cg26075339	PHF21A	chr11	0.378643042	+ T2D risk	5'UTR
cg12470780	ARHGEF9	chrX	0.378701572	+ T2D risk	Body
cg25291978	PLAGL1	chr6	0.378787913	+ T2D risk	TSS1500
cg25062003	FNIP2	chr4	0.378873084	- T2D risk	Body
cg24658867	CALD1	chr7	0.378898575	+ T2D risk	Body
cg01105847	SGSM2	chr17	0.378911212	+ T2D risk	Body
cg24382823	LMX1B	chr9	0.379076685	+ T2D risk	Body
cg01616269	FNIP2	chr4	0.379124827	- T2D risk	Body
cg03010958	LAMA4	chr6	0.379160203	+ T2D risk	Body
cg27503740	PRKD1	chr14	0.37917315	- T2D risk	Body
cg02447476	RGS7	chr1	0.379204016	- T2D risk	Body
cg27321563	SPOCK1	chr5	0.379207187	+ T2D risk	Body
cg09027876	COL4A1	chr13	0.37933823	- T2D risk	Body
cg13772072	INPP4A	chr2	0.379349976	+ T2D risk	5'UTR
cg07294175	DIP2C	chr10	0.379464255	- T2D risk	Body
cg08586168	ADCY5	chr3	0.379665338	+ T2D risk	TSS1500
cg18263365	SPOCK1	chr5	0.37974144	- T2D risk	5'UTR
cg26124994	CADM1	chr11	0.379779289	+ T2D risk	Body
cg23004985	PDE8A	chr15	0.379804837	- T2D risk	3'UTR
cg05739347	GRK5	chr10	0.379932144	+ T2D risk	Body
cg14630659	ST8SIA1	chr12	0.380199135	- T2D risk	Body
cg09636661	NQO1	chr16	0.380261188	+ T2D risk	3'UTR
cg16937126	DDHD2	chr8	0.380262321	- T2D risk	TSS1500
cg16937126	DDHD2	chr8	0.380262321	- T2D risk	TSS200
cg23598974	AGPAT3	chr21	0.380297346	+ T2D risk	5'UTR
cg23478124	PICALM	chr11	0.380313474	+ T2D risk	Body
cg17290508	DIP2C	chr10	0.380314999	+ T2D risk	Body
cg08653443	SPOCK1	chr5	0.380428088	- T2D risk	Body
cg01282147	CADM1	chr11	0.380455722	- T2D risk	Body
cg13326844	PACRG	chr6	0.380474851	- T2D risk	Body
cg25838505	RHOQ	chr2	0.380580252	+ T2D risk	Body
cg03669936	FBXO11	chr2	0.380618585	- T2D risk	ExonBnd
cg03669936	FBXO11	chr2	0.380618585	- T2D risk	Body
cg22202031	CHFR	chr12	0.380645344	+ T2D risk	TSS1500
cg10216240	SKAP1	chr17	0.380651293	- T2D risk	Body
cg18795324	SRPK2	chr7	0.380727684	- T2D risk	Body
cg12238812	CHFR	chr12	0.38104343	+ T2D risk	TSS1500
cg27428660	TMEM59	chr1	0.381066229	- T2D risk	TSS200
cg26579909	ATXN1	chr6	0.381193769	+ T2D risk	5'UTR
cg22229906	BCAT1	chr12	0.381205871	- T2D risk	Body
cg19183248	FAM160A1	chr4	0.381294267	+ T2D risk	5'UTR
cg17114932	NPAT	chr11	0.381407174	- T2D risk	Body
cg02145679	ARL15	chr5	0.381415161	+ T2D risk	Body
cg11266407	CDH22	chr20	0.38157141	+ T2D risk	Body
cg15487558	ATXN1	chr6	0.381602248	- T2D risk	5'UTR
cg02746620	SLIT3	chr5	0.381750257	- T2D risk	Body
cg22134476	CHKA	chr11	0.38177483	+ T2D risk	Body
cg23742556	ACTN4	chr19	0.381800033	+ T2D risk	Body

cg07093455	<i>HMBOX1</i>	chr8	0.381888073	- T2D risk	5'UTR
cg08592305	<i>MAST1</i>	chr19	0.38190964	+ T2D risk	Body
cg18005506	<i>PICALM</i>	chr11	0.381933153	- T2D risk	TSS200
cg18005506	<i>PICALM</i>	chr11	0.381933153	- T2D risk	5'UTR
cg10209539	<i>PPFIBP1</i>	chr12	0.382046385	- T2D risk	5'UTR
cg16930254	<i>AGPAT3</i>	chr21	0.382094091	- T2D risk	Body
cg00096603	<i>PDLIM5</i>	chr4	0.382189835	+ T2D risk	Body
cg20564703	<i>CUX1</i>	chr7	0.382276505	- T2D risk	Body
cg01172766	<i>GNA12</i>	chr7	0.382330839	- T2D risk	Body
cg23958151	<i>PACRG</i>	chr6	0.382406297	- T2D risk	Body
cg15951914	<i>SRPK2</i>	chr7	0.382598028	- T2D risk	Body
cg10149159	<i>MTHFS</i>	chr15	0.382640329	+ T2D risk	TSS1500
cg26967154	<i>TSC22D1</i>	chr13	0.382649769	- T2D risk	Body
cg02428746	<i>CLASP2</i>	chr3	0.382716382	+ T2D risk	Body
cg15370815	<i>NPAT</i>	chr11	0.38283219	+ T2D risk	1stExon
cg15370815	<i>NPAT</i>	chr11	0.38283219	+ T2D risk	5'UTR
cg17079352	<i>NDUFB3</i>	chr2	0.382965626	- T2D risk	TSS1500
cg14097129	<i>KCNIP3</i>	chr2	0.383092544	+ T2D risk	Body
cg13808183	<i>PACS2</i>	chr14	0.383273514	+ T2D risk	Body
cg18742521	<i>TENM2</i>	chr5	0.383364596	+ T2D risk	Body
cg17220574	<i>DIP2C</i>	chr10	0.383549365	- T2D risk	Body
cg02978184	<i>ADCY5</i>	chr3	0.383608392	+ T2D risk	TSS1500
cg12071317	<i>ATP8A2</i>	chr13	0.383731643	- T2D risk	Body
cg16970596	<i>NF1</i>	chr17	0.383891167	- T2D risk	Body
cg13453607	<i>RNF157</i>	chr17	0.383994578	- T2D risk	Body
cg19183542	<i>GALK2</i>	chr15	0.384061961	- T2D risk	Body
cg14955916	<i>DIP2C</i>	chr10	0.384114636	+ T2D risk	Body
cg15622912	<i>CPLX2</i>	chr5	0.384118005	+ T2D risk	5'UTR
cg03431368	<i>GALK2</i>	chr15	0.384144871	- T2D risk	Body
cg15169943	<i>NCOA2</i>	chr8	0.384236574	+ T2D risk	Body
cg13250884	<i>LMCD1</i>	chr3	0.38426415	- T2D risk	TSS1500
cg02020384	<i>MDM1</i>	chr12	0.384298636	- T2D risk	Body
cg12401625	<i>ARL15</i>	chr5	0.384309257	- T2D risk	Body
cg03908676	<i>LYVE1</i>	chr11	0.38461934	- T2D risk	5'UTR
cg03908676	<i>LYVE1</i>	chr11	0.38461934	- T2D risk	1stExon
cg13673837	<i>NOTCH3</i>	chr19	0.384766603	+ T2D risk	Body
cg12792732	<i>ATP6V1H</i>	chr8	0.384961296	+ T2D risk	Body
cg11042589	<i>ARL15</i>	chr5	0.385030519	- T2D risk	Body
cg13585590	<i>NCOR1</i>	chr17	0.385070614	- T2D risk	Body
cg02354107	<i>SCARB2</i>	chr4	0.385070644	- T2D risk	TSS200
cg14768000	<i>TPCN1</i>	chr12	0.385075349	+ T2D risk	Body
cg08524372	<i>MGRN1</i>	chr16	0.385255421	+ T2D risk	Body
cg09566021	<i>CREBBP</i>	chr16	0.38529278	+ T2D risk	Body
cg02735486	<i>ANK2</i>	chr4	0.385304985	- T2D risk	1stExon
cg02735486	<i>ANK2</i>	chr4	0.385304985	- T2D risk	Body
cg04728746	<i>ATRNL1</i>	chr10	0.385343306	+ T2D risk	Body
cg21106962	<i>ANK3</i>	chr10	0.385483326	- T2D risk	TSS1500
cg21106962	<i>ANK3</i>	chr10	0.385483326	- T2D risk	Body
cg05485165	<i>TMEM219</i>	chr16	0.385525675	+ T2D risk	TSS1500
cg04822695	<i>PHF21A</i>	chr11	0.385560674	- T2D risk	Body
cg20662476	<i>CDK8</i>	chr13	0.385920318	- T2D risk	Body
cg02773188	<i>FAM160A1</i>	chr4	0.386091264	- T2D risk	5'UTR
cg19525705	<i>TAB2</i>	chr6	0.386183811	- T2D risk	Body
cg12755397	<i>TMEM150C</i>	chr4	0.386277371	+ T2D risk	TSS200
cg17800974	<i>LMCD1</i>	chr3	0.386373408	+ T2D risk	5'UTR
cg17800974	<i>LMCD1</i>	chr3	0.386373408	+ T2D risk	Body
cg27528351	<i>DDC</i>	chr7	0.386438838	+ T2D risk	TSS1500
cg27528351	<i>DDC</i>	chr7	0.386438838	+ T2D risk	5'UTR
cg00242903	<i>CUL1</i>	chr7	0.386521022	+ T2D risk	5'UTR
cg11099918	<i>KIAA0232</i>	chr4	0.386555568	- T2D risk	Body
cg15034763	<i>TMEM59</i>	chr1	0.386608235	- T2D risk	5'UTR
cg15034763	<i>TMEM59</i>	chr1	0.386608235	- T2D risk	1stExon
cg18285813	<i>MET</i>	chr7	0.38678644	- T2D risk	Body
cg18165715	<i>PDK1</i>	chr2	0.38683305	+ T2D risk	Body
cg00163294	<i>DIP2C</i>	chr10	0.386872635	+ T2D risk	Body
cg14289461	<i>LAMA4</i>	chr6	0.386915451	+ T2D risk	TSS200
cg01785151	<i>ASH1L</i>	chr1	0.38700045	+ T2D risk	Body
cg08250135	<i>RCAN2</i>	chr6	0.387061834	- T2D risk	Body
cg26782150	<i>DIP2C</i>	chr10	0.387075835	- T2D risk	Body
cg11592503	<i>CNTNAP2</i>	chr7	0.387525217	- T2D risk	TSS200

cg07201759	ERC2	chr3	0.387529064	- T2D risk	Body
cg02723395	GAD1	chr2	0.387605785	+ T2D risk	Body
cg08265627	GGPS1	chr1	0.387623509	+ T2D risk	Body
cg08265627	GGPS1	chr1	0.387623509	+ T2D risk	5'UTR
cg27482744	DIP2C	chr10	0.387700683	- T2D risk	Body
cg08114011	CUX2	chr12	0.387750135	+ T2D risk	Body
cg00080691	CUX1	chr7	0.387822268	- T2D risk	Body
cg04053163	SLC7A2	chr8	0.387856365	+ T2D risk	5'UTR
cg04053163	SLC7A2	chr8	0.387856365	+ T2D risk	TSS1500
cg16008351	FAM160A1	chr4	0.387905437	- T2D risk	5'UTR
cg01842756	RNF217	chr6	0.387930037	- T2D risk	Body
cg04672026	NCOA2	chr8	0.388065954	+ T2D risk	5'UTR
cg14581304	TENM2	chr5	0.388069041	- T2D risk	Body
cg03190018	PRKAG2	chr7	0.388097761	+ T2D risk	Body
cg17192599	PRKAG2	chr7	0.388138363	+ T2D risk	5'UTR
cg17192599	PRKAG2	chr7	0.388138363	+ T2D risk	Body
cg04470564	TBC1D5	chr3	0.388182959	- T2D risk	5'UTR
cg02988755	COL4A1	chr13	0.388294788	+ T2D risk	Body
cg25749508	ADCY5	chr3	0.388428191	+ T2D risk	Body
cg11970192	ST20	chr15	0.388481734	+ T2D risk	5'UTR
cg09219260	DACH1	chr13	0.388562651	+ T2D risk	Body
cg25430839	ATXN1	chr6	0.388603593	- T2D risk	5'UTR
cg07557423	ATP8A1	chr4	0.388694925	- T2D risk	Body
cg24857086	FLT1	chr13	0.388703368	- T2D risk	Body
cg14279728	WWP2	chr16	0.388731443	- T2D risk	Body
cg09943714	DIP2C	chr10	0.388733278	+ T2D risk	Body
cg13800022	ITGB1	chr10	0.388744554	- T2D risk	5'UTR
cg02676881	PLAGL1	chr6	0.388823675	- T2D risk	5'UTR
cg20710480	ATP8A1	chr4	0.388831178	+ T2D risk	Body
cg07402933	ARHGAP32	chr11	0.388945602	+ T2D risk	Body
cg19194405	DDC	chr7	0.38898721	+ T2D risk	Body
cg03770962	CUL1	chr7	0.389004405	+ T2D risk	Body
cg15459059	RAP1GAP2	chr17	0.389058561	- T2D risk	Body
cg01958086	MEIS2	chr15	0.389077623	- T2D risk	Body
cg03336270	ATP8A2	chr13	0.389178658	- T2D risk	Body
cg07656804	WWP2	chr16	0.389192215	+ T2D risk	Body
cg15537731	PDLIM5	chr4	0.389296014	+ T2D risk	5'UTR
cg15537731	PDLIM5	chr4	0.389296014	+ T2D risk	Body
cg07296387	CDH22	chr20	0.389302377	+ T2D risk	Body
cg05928980	PTPRU	chr1	0.389389573	- T2D risk	Body
cg23996030	PDE7A	chr8	0.389452998	+ T2D risk	TSS1500
cg17564205	ATP2B1	chr12	0.389454836	+ T2D risk	Body
cg11150797	SKAP1	chr17	0.389488127	+ T2D risk	Body
cg08512345	APC	chr5	0.389534035	+ T2D risk	1stExon
cg08512345	APC	chr5	0.389534035	+ T2D risk	5'UTR
cg01589629	WIZ	chr19	0.389570559	+ T2D risk	Body
cg23393728	CALD1	chr7	0.389751991	+ T2D risk	5'UTR
cg20012761	SLIT3	chr5	0.389841558	- T2D risk	Body
cg22646782	KDM4B	chr19	0.390313044	+ T2D risk	3'UTR
cg21688692	ATP8A1	chr4	0.390337349	- T2D risk	Body
cg05998064	DIP2C	chr10	0.390449666	+ T2D risk	Body
cg02100294	SH3GL2	chr9	0.390605043	- T2D risk	Body
cg01297639	MET	chr7	0.390626826	+ T2D risk	Body
cg00510507	ANK3	chr10	0.390669581	- T2D risk	1stExon
cg00510507	ANK3	chr10	0.390669581	- T2D risk	5'UTR
cg00510507	ANK3	chr10	0.390669581	- T2D risk	Body
cg07277869	NQO1	chr16	0.390847574	- T2D risk	TSS1500
cg07434277	PACS2	chr14	0.390923291	+ T2D risk	Body
cg07434277	PACS2	chr14	0.390923291	+ T2D risk	5'UTR
cg26424318	PRKCE	chr2	0.391049536	+ T2D risk	Body
cg05508793	CHFR	chr12	0.391064097	- T2D risk	Body
cg03171210	ANK2	chr4	0.39118474	- T2D risk	Body
cg06215509	RPGR	chrX	0.391472401	- T2D risk	Body
cg03042149	PDE8A	chr15	0.391719298	- T2D risk	TSS1500
cg25349006	ATRN	chr20	0.391776676	+ T2D risk	Body
cg09905475	KREMEN1	chr22	0.392016802	+ T2D risk	Body
cg26816748	CALD1	chr7	0.39207589	- T2D risk	TSS1500
cg00514964	UNC80	chr2	0.392097693	- T2D risk	Body
cg10622931	ENAH	chr1	0.392113436	+ T2D risk	Body
cg17858541	RGS7	chr1	0.392147464	- T2D risk	Body

cg09439192	SLC30A8	chr8	0.392205795	- T2D risk	TSS200
cg25331309	ERC2	chr3	0.392279013	+ T2D risk	Body
cg12828275	NF1	chr17	0.392286132	+ T2D risk	Body
cg25599673	ST6GAL1	chr3	0.392413399	- T2D risk	5'UTR
cg25599673	ST6GAL1	chr3	0.392413399	- T2D risk	TSS1500
cg08425177	PDE5A	chr4	0.392454089	+ T2D risk	Body
cg26986883	RHOQ	chr2	0.392456134	+ T2D risk	Body
cg15861644	RBBP6	chr16	0.392464032	- T2D risk	5'UTR
cg15861644	RBBP6	chr16	0.392464032	- T2D risk	1stExon
cg04998702	MEIS2	chr15	0.392468083	+ T2D risk	TSS1500
cg04998702	MEIS2	chr15	0.392468083	+ T2D risk	5'UTR
cg04998702	MEIS2	chr15	0.392468083	+ T2D risk	Body
cg04998702	MEIS2	chr15	0.392468083	+ T2D risk	ExonBnd
cg04998702	MEIS2	chr15	0.392468083	+ T2D risk	TSS200
cg04998702	MEIS2	chr15	0.392468083	+ T2D risk	1stExon
cg17974145	CUX1	chr7	0.392632439	- T2D risk	Body
cg12365648	PDLIM5	chr4	0.392746417	+ T2D risk	5'UTR
cg12365648	PDLIM5	chr4	0.392746417	+ T2D risk	Body
cg16031179	RNF217	chr6	0.392800271	+ T2D risk	Body
cg12571892	PDE5A	chr4	0.392912115	- T2D risk	TSS1500
cg17515702	BIRC5	chr17	0.393031489	+ T2D risk	Body
cg02917381	MEIS2	chr15	0.393039769	- T2D risk	5'UTR
cg02917381	MEIS2	chr15	0.393039769	- T2D risk	1stExon
cg02917381	MEIS2	chr15	0.393039769	- T2D risk	TSS1500
cg01836011	RGS7	chr1	0.393203558	+ T2D risk	Body
cg11253913	CALD1	chr7	0.39345843	- T2D risk	Body
cg20961366	KCNJ12	chr17	0.393522557	+ T2D risk	5'UTR
cg03120823	ATP8A2	chr13	0.393581693	+ T2D risk	Body
cg15937325	PTPRU	chr1	0.393735134	+ T2D risk	Body
cg04147428	MET	chr7	0.393826136	- T2D risk	5'UTR
cg11348701	GAD1	chr2	0.393859544	+ T2D risk	Body
cg01802593	ST8SIA1	chr12	0.393965146	- T2D risk	3'UTR
cg23353113	WWP2	chr16	0.394013143	- T2D risk	Body
cg14203426	CUX1	chr7	0.394058088	- T2D risk	Body
cg07574645	FLT1	chr13	0.394242991	- T2D risk	Body
cg12870332	ZRANB1	chr10	0.394283411	+ T2D risk	Body
cg23720519	KIAA1217	chr10	0.394399825	- T2D risk	Body
cg11881861	SGSM2	chr17	0.394467942	- T2D risk	Body
cg09965980	FLT1	chr13	0.394570775	+ T2D risk	3'UTR
cg06251068	CHID1	chr11	0.394595293	+ T2D risk	5'UTR
cg06251068	CHID1	chr11	0.394595293	+ T2D risk	TSS200
cg09787394	TSGA10	chr2	0.394637746	- T2D risk	TSS200
cg17304695	ST6GAL1	chr3	0.394720291	+ T2D risk	5'UTR
cg05782454	MGRN1	chr16	0.394755654	+ T2D risk	Body
cg18450582	DYNC111	chr7	0.394767732	- T2D risk	Body
cg14804129	KDM4B	chr19	0.394816166	+ T2D risk	Body
cg02170577	SRPK2	chr7	0.394868741	- T2D risk	Body
cg12263857	RNF217	chr6	0.395059195	- T2D risk	Body
cg22509138	CDH22	chr20	0.395176165	- T2D risk	Body
cg09254099	ITPKB	chr1	0.395253024	+ T2D risk	Body
cg07562451	TANC2	chr17	0.3953195	+ T2D risk	Body
cg07611606	MTHFS	chr15	0.395396822	- T2D risk	5'UTR
cg07611606	MTHFS	chr15	0.395396822	- T2D risk	TSS200
cg24583704	CRYL1	chr13	0.395423927	- T2D risk	Body
cg27015761	ATP8A1	chr4	0.395431324	- T2D risk	TSS200
cg18441041	CUX1	chr7	0.395561805	+ T2D risk	Body
cg07423421	PACS2	chr14	0.395586493	- T2D risk	Body
cg07423421	PACS2	chr14	0.395586493	- T2D risk	5'UTR
cg26030025	TMEM59	chr1	0.395603038	+ T2D risk	5'UTR
cg26030025	TMEM59	chr1	0.395603038	+ T2D risk	Body
cg10065839	AGPAT3	chr21	0.395644679	- T2D risk	Body
cg07214539	WWP2	chr16	0.395650435	+ T2D risk	ExonBnd
cg07214539	WWP2	chr16	0.395650435	+ T2D risk	Body
cg17880118	COL4A1	chr13	0.395667534	+ T2D risk	Body
cg19669126	DNAH9	chr17	0.39568313	- T2D risk	5'UTR
cg19669126	DNAH9	chr17	0.39568313	- T2D risk	Body
cg22866659	CUX1	chr7	0.395841603	+ T2D risk	Body
cg01433654	ARL15	chr5	0.395854168	+ T2D risk	Body
cg25820234	KDM4B	chr19	0.395863556	+ T2D risk	5'UTR
cg02661079	CDH22	chr20	0.395956795	- T2D risk	Body

cg17445453	CHFR	chr12	0.3959568	+ T2D risk	Body
cg14657915	DNAH9	chr17	0.396016044	- T2D risk	Body
cg03736327	RET	chr10	0.396021808	- T2D risk	Body
cg24891222	CUX1	chr7	0.396033937	+ T2D risk	Body
cg15314149	NPAT	chr11	0.396323689	+ T2D risk	Body
cg13159168	PACS1	chr11	0.396353274	- T2D risk	Body
cg26526047	KIAA1217	chr10	0.396372849	- T2D risk	5'UTR
cg10844679	TMEM131	chr2	0.396597037	- T2D risk	Body
cg00692161	ANKHD1	chr5	0.396727156	+ T2D risk	Body
cg25682171	COL4A1	chr13	0.396733843	- T2D risk	Body
cg13309884	CADM1	chr11	0.396750983	- T2D risk	Body
cg10947480	HMBX1	chr8	0.39676584	- T2D risk	5'UTR
cg23524037	SLIT3	chr5	0.396810866	- T2D risk	Body
cg00729049	GAD1	chr2	0.396893357	+ T2D risk	Body
cg25026700	FNIP2	chr4	0.396971675	+ T2D risk	Body
cg04944477	SCAF8	chr6	0.397163126	- T2D risk	Body
cg14222879	NCOA2	chr8	0.397288917	- T2D risk	TSS1500
cg07382273	PTP4A2	chr1	0.397314776	- T2D risk	5'UTR
cg07382273	PTP4A2	chr1	0.397314776	- T2D risk	1stExon
cg24125889	MDM1	chr12	0.397359216	+ T2D risk	5'UTR
cg24125889	MDM1	chr12	0.397359216	+ T2D risk	1stExon
cg23655704	SGSM2	chr17	0.397524306	+ T2D risk	Body
cg01327877	GRK5	chr10	0.397599132	- T2D risk	TSS1500
cg06234781	CREBBP	chr16	0.397607423	+ T2D risk	Body
cg05682965	NOTCH3	chr19	0.3976239	- T2D risk	Body
cg05361257	KIAA1217	chr10	0.397708638	+ T2D risk	5'UTR
cg00028455	NCOA7	chr6	0.397711533	+ T2D risk	5'UTR
cg22998640	PICALM	chr11	0.397761558	+ T2D risk	5'UTR
cg22998640	PICALM	chr11	0.397761558	+ T2D risk	Body
cg14648190	DIP2C	chr10	0.39776623	+ T2D risk	Body
cg09620929	PRKAG2	chr7	0.3978039	+ T2D risk	5'UTR
cg09620929	PRKAG2	chr7	0.3978039	+ T2D risk	Body
cg22908922	PACS2	chr14	0.397940589	+ T2D risk	Body
cg14825889	RANBP17	chr5	0.398154661	+ T2D risk	Body
cg14161241	PLAGL1	chr6	0.398161408	+ T2D risk	TSS1500
cg14161241	PLAGL1	chr6	0.398161408	+ T2D risk	5'UTR
cg05674052	CUX1	chr7	0.39824486	+ T2D risk	Body
cg24063615	LAMA4	chr6	0.398271744	- T2D risk	Body
cg14587045	NPAT	chr11	0.39829586	- T2D risk	Body
cg26535072	APBA1	chr9	0.398355933	- T2D risk	TSS1500
cg21484573	PACRG	chr6	0.398404795	- T2D risk	Body
cg10729739	CNTROB	chr17	0.398409557	+ T2D risk	TSS200
cg27608614	ZHX2	chr8	0.398432992	+ T2D risk	5'UTR
cg06811300	ATXN1	chr6	0.398667322	- T2D risk	5'UTR
cg24433685	DNAJC13	chr3	0.399302636	+ T2D risk	5'UTR
cg17600785	ERC2	chr3	0.399408603	+ T2D risk	Body
cg25912911	PDE3A	chr12	0.399492272	+ T2D risk	1stExon
cg05945869	PDLIM5	chr4	0.399557972	- T2D risk	Body
cg07768002	PCYT1A	chr3	0.399593909	- T2D risk	Body
cg17735169	RAP1GAP2	chr17	0.399653535	- T2D risk	Body
cg13877163	PRKAG2	chr7	0.39971038	+ T2D risk	Body
cg27232130	PACRG	chr6	0.399717777	+ T2D risk	Body
cg21620535	NUCB2	chr11	0.39974979	- T2D risk	TSS1500
cg22631387	SLIT3	chr5	0.399819942	+ T2D risk	Body
cg22984723	KREMEN1	chr22	0.399963688	- T2D risk	Body
cg09887007	FLT1	chr13	0.400033021	- T2D risk	TSS1500
cg07570641	RANBP17	chr5	0.400181633	- T2D risk	TSS1500
cg03418237	DIP2C	chr10	0.400262652	+ T2D risk	Body
cg00530538	SEZ6L	chr22	0.400275701	- T2D risk	Body
cg25967324	ADCY5	chr3	0.40033776	+ T2D risk	Body
cg24250393	PRKCB	chr16	0.40034744	- T2D risk	TSS1500
cg24987733	USP53	chr4	0.400354996	+ T2D risk	5'UTR
cg02498334	KCNIP3	chr2	0.400445594	+ T2D risk	TSS1500
cg08646713	PRKD1	chr14	0.400585328	- T2D risk	Body
cg11268628	EFR3A	chr8	0.400679108	+ T2D risk	TSS1500
cg17353823	ST6GAL1	chr3	0.400727509	- T2D risk	5'UTR
cg06104764	SCARB2	chr4	0.400754468	+ T2D risk	Body
cg06717140	MGRN1	chr16	0.400948354	+ T2D risk	Body
cg04454957	SCAF11	chr12	0.400958573	+ T2D risk	Body
cg06319033	FBXL2	chr3	0.401006298	- T2D risk	TSS200

cg22574559	NCOR1	chr17	0.401034638	+ T2D risk	Body
cg15753746	GAD1	chr2	0.401259623	- T2D risk	Body
cg09704544	PDE8A	chr15	0.40129027	+ T2D risk	Body
cg08592897	RHOA	chr3	0.401348766	- T2D risk	3'UTR
cg07834314	GNA12	chr7	0.401427796	- T2D risk	Body
cg26942930	CNTNAP2	chr7	0.401464462	- T2D risk	Body
cg19800916	GRK5	chr10	0.401545132	+ T2D risk	Body
cg24935345	ITGA1	chr5	0.401604041	- T2D risk	Body
cg21930781	CUX1	chr7	0.401678103	+ T2D risk	Body
cg08530205	CUX1	chr7	0.401819955	- T2D risk	Body
cg04770900	CUX2	chr12	0.401842074	+ T2D risk	Body
cg14248235	ASXL2	chr2	0.401857424	- T2D risk	Body
cg11659747	SCARB2	chr4	0.401877159	- T2D risk	1stExon
cg19949018	SGSM2	chr17	0.40206047	- T2D risk	Body
cg23338468	EFCAB14	chr1	0.402100828	+ T2D risk	TSS1500
cg11419723	SLC9A6	chrX	0.402193948	+ T2D risk	3'UTR
cg22866675	ATRNL1	chr10	0.402237134	- T2D risk	1stExon
cg22866675	ATRNL1	chr10	0.402237134	- T2D risk	Body
cg22866675	ATRNL1	chr10	0.402237134	- T2D risk	5'UTR
cg12258607	PHACTR1	chr6	0.402294866	- T2D risk	TSS1500
cg00557536	ERC2	chr3	0.402309514	- T2D risk	Body
cg23656890	BCAT1	chr12	0.402335589	- T2D risk	Body
cg16943030	TENM2	chr5	0.402338689	+ T2D risk	Body
cg00050792	COL4A1	chr13	0.402450152	+ T2D risk	Body
cg03513850	CUX2	chr12	0.402550986	- T2D risk	Body
cg24682750	TAB2	chr6	0.402566569	- T2D risk	Body
cg00647317	DDC	chr7	0.402648353	+ T2D risk	TSS1500
cg04248036	FLT1	chr13	0.40272308	+ T2D risk	Body
cg11258489	STX6	chr1	0.402879282	+ T2D risk	3'UTR
cg08708069	IFT74	chr9	0.402884022	- T2D risk	5'UTR
cg08708069	IFT74	chr9	0.402884022	- T2D risk	TSS1500
cg04874031	CALD1	chr7	0.402989705	+ T2D risk	1stExon
cg04874031	CALD1	chr7	0.402989705	+ T2D risk	5'UTR
cg17487957	NF1	chr17	0.403037722	- T2D risk	Body
cg21287367	ENAH	chr1	0.403241532	+ T2D risk	Body
cg01934420	AGPAT3	chr21	0.403265588	+ T2D risk	5'UTR
cg20421928	SLIT3	chr5	0.403379664	- T2D risk	Body
cg20914464	NOL4	chr18	0.403399861	- T2D risk	TSS1500
cg17257720	ZDHHC2	chr8	0.403469153	+ T2D risk	Body
cg17312424	PDLIM5	chr4	0.403528954	+ T2D risk	5'UTR
cg17312424	PDLIM5	chr4	0.403528954	+ T2D risk	Body
cg11615758	PHACTR1	chr6	0.403661369	+ T2D risk	Body
cg24117849	SPPL2A	chr15	0.403693774	+ T2D risk	Body
cg02515738	CNTNAP2	chr7	0.403703523	- T2D risk	Body
cg11918372	FBXO11	chr2	0.404018888	+ T2D risk	5'UTR
cg11918372	FBXO11	chr2	0.404018888	+ T2D risk	1stExon
cg20645309	ANK3	chr10	0.404035583	- T2D risk	Body
cg06437195	PHACTR1	chr6	0.40409745	+ T2D risk	Body
cg25426307	DIP2C	chr10	0.404142609	+ T2D risk	Body
cg08172674	POLA1	chrX	0.404148444	- T2D risk	Body
cg12835599	PRKAG2	chr7	0.404156287	- T2D risk	Body
cg11521414	ANKHD1	chr5	0.40426024	+ T2D risk	Body
cg17493526	PDE3A	chr12	0.404274662	+ T2D risk	Body
cg00196119	SEMA3G	chr3	0.404625907	- T2D risk	TSS1500
cg25715964	CUX1	chr7	0.404630318	- T2D risk	Body
cg20966551	MAST1	chr19	0.404644221	- T2D risk	TSS200
cg23240589	RTN4	chr2	0.404776938	- T2D risk	Body
cg08434803	PHF21A	chr11	0.404983381	+ T2D risk	5'UTR
cg08434803	PHF21A	chr11	0.404983381	+ T2D risk	ExonBnd
cg24066423	PRMT3	chr11	0.405004448	+ T2D risk	Body
cg20952652	UXS1	chr2	0.405035101	+ T2D risk	Body
cg00757212	ST8SIA1	chr12	0.405054117	- T2D risk	TSS1500
cg10903225	PRKCE	chr2	0.40506647	+ T2D risk	Body
cg08822898	MDM1	chr12	0.405267563	- T2D risk	Body
cg14355247	PACRG	chr6	0.405332255	+ T2D risk	Body
cg20802511	CUX1	chr7	0.405381598	- T2D risk	Body
cg22555517	RAP1GAP2	chr17	0.405410357	- T2D risk	Body
cg12788227	RNF217	chr6	0.405437751	- T2D risk	TSS1500
cg16355244	RNF157	chr17	0.405510488	- T2D risk	Body
cg09719626	PHF21A	chr11	0.405529522	+ T2D risk	Body

cg07878191	CALD1	chr7	0.405910129	- T2D risk	Body
cg17968880	GGPS1	chr1	0.405980198	- T2D risk	Body
cg22547978	ERC2	chr3	0.40605195	+ T2D risk	3'UTR
cg21713424	DDC	chr7	0.406065223	+ T2D risk	Body
cg02989351	YWHAQ	chr2	0.406165966	+ T2D risk	5'UTR
cg11943389	DNAJC13	chr3	0.406193409	+ T2D risk	Body
cg13529668	PHF21A	chr11	0.406304992	- T2D risk	Body
cg04797180	TENM2	chr5	0.406325038	+ T2D risk	Body
cg11057897	APC	chr5	0.406335951	- T2D risk	TSS1500
cg00428487	SLC29A4	chr7	0.406351768	+ T2D risk	5'UTR
cg04072177	GNA12	chr7	0.406392383	- T2D risk	Body
cg07983394	DIP2C	chr10	0.406414992	+ T2D risk	Body
cg04042828	FAM160A1	chr4	0.40643825	+ T2D risk	TSS1500
cg02976864	GAD1	chr2	0.406510064	+ T2D risk	Body
cg20802407	DYNC111	chr7	0.406528088	+ T2D risk	Body
cg16127200	ULK4	chr3	0.406616699	+ T2D risk	Body
cg00919921	DIP2C	chr10	0.406632971	+ T2D risk	Body
cg15902390	MEIS2	chr15	0.406710917	- T2D risk	Body
cg14302113	ITGA1	chr5	0.406717459	+ T2D risk	1stExon
cg04555779	LAMA4	chr6	0.406739567	+ T2D risk	5'UTR
cg05501666	PACRG	chr6	0.40681512	- T2D risk	Body
cg12444411	GNA12	chr7	0.406839565	- T2D risk	Body
cg24646035	PHACTR1	chr6	0.406887879	- T2D risk	Body
cg10830021	NUP98	chr11	0.40709643	+ T2D risk	5'UTR
cg20653662	DDHD2	chr8	0.407114446	- T2D risk	Body
cg22223232	MAN1A2	chr1	0.407118724	+ T2D risk	Body
cg24729955	NF1	chr17	0.407340159	- T2D risk	Body
cg06601347	TBC1D5	chr3	0.407396152	+ T2D risk	5'UTR
cg04120815	RGS7	chr1	0.407426413	- T2D risk	Body
cg17322503	CUX1	chr7	0.407451188	+ T2D risk	Body
cg23965109	ST6GAL1	chr3	0.407460019	+ T2D risk	5'UTR
cg23965109	ST6GAL1	chr3	0.407460019	+ T2D risk	TSS1500
cg00648568	TAZ	chrX	0.407462159	- T2D risk	Body
cg04868197	NCOA2	chr8	0.407613118	- T2D risk	5'UTR
cg21888923	PHF21A	chr11	0.407620075	- T2D risk	Body
cg11679519	LAMA4	chr6	0.407796354	- T2D risk	Body
cg10318510	PRKD1	chr14	0.408137449	- T2D risk	TSS200
cg21684809	GNA12	chr7	0.408152044	- T2D risk	Body
cg21684809	GNA12	chr7	0.408152044	- T2D risk	TSS200
cg12710520	PRMT3	chr11	0.408185022	- T2D risk	Body
cg18536802	APC	chr5	0.408333617	+ T2D risk	TSS200
cg15361162	PLAGL1	chr6	0.408383455	- T2D risk	5'UTR
cg04443360	DDC	chr7	0.408546352	+ T2D risk	TSS200
cg10466225	TJP1	chr15	0.408747189	- T2D risk	Body
cg04100532	UNC80	chr2	0.408762639	- T2D risk	TSS200
cg16253634	CALD1	chr7	0.40877507	- T2D risk	TSS200
cg02199466	KIAA1217	chr10	0.408785744	- T2D risk	TSS1500
cg02199466	KIAA1217	chr10	0.408785744	- T2D risk	Body
cg06390484	CALD1	chr7	0.409018438	- T2D risk	Body
cg06390484	CALD1	chr7	0.409018438	- T2D risk	TSS1500
cg14711690	ITPKB	chr1	0.409169699	- T2D risk	Body
cg07466622	PHACTR1	chr6	0.409192366	- T2D risk	Body
cg02780029	RET	chr10	0.409247626	- T2D risk	3'UTR
cg02780029	RET	chr10	0.409247626	- T2D risk	Body
cg04690177	ARL15	chr5	0.40948138	+ T2D risk	Body
cg02770187	TTC28	chr22	0.409610235	+ T2D risk	Body
cg05047276	CRYL1	chr13	0.409613008	- T2D risk	Body
cg22073916	ENAH	chr1	0.409772989	- T2D risk	Body
cg26387435	CNTNAP2	chr7	0.409864514	- T2D risk	Body
cg17121447	GRK5	chr10	0.410130504	- T2D risk	Body
cg19085156	ARHGAP32	chr11	0.410178205	+ T2D risk	TSS1500
cg19085156	ARHGAP32	chr11	0.410178205	+ T2D risk	Body
cg11587658	MDM1	chr12	0.410553178	+ T2D risk	TSS200
cg02315353	NGLY1	chr3	0.410732795	+ T2D risk	Body
cg02315353	NGLY1	chr3	0.410732795	+ T2D risk	TSS1500
cg07063911	SNX4	chr3	0.411268596	- T2D risk	Body
cg16028169	ANK2	chr4	0.411302752	+ T2D risk	TSS1500
cg15985574	NDUFB3	chr2	0.411407991	+ T2D risk	Body
cg15985574	NDUFB3	chr2	0.411407991	+ T2D risk	ExonBnd
cg15871127	COL4A1	chr13	0.411541653	- T2D risk	TSS1500

cg11152825	CDH22	chr20	0.411543647	+ T2D risk	TSS1500
cg02493332	SLIT3	chr5	0.411610089	- T2D risk	Body
cg18276474	GRK5	chr10	0.411761291	+ T2D risk	Body
cg18075666	CALD1	chr7	0.41187617	- T2D risk	5'UTR
cg02697702	ANK3	chr10	0.411886989	+ T2D risk	Body
cg19584551	KIAA1217	chr10	0.411950243	+ T2D risk	Body
cg00441269	PDE5A	chr4	0.411971739	+ T2D risk	Body
cg07055745	INPP4A	chr2	0.412141646	+ T2D risk	Body
cg09286894	NQO1	chr16	0.41218855	+ T2D risk	3'UTR
cg24792209	TANC2	chr17	0.412204188	- T2D risk	3'UTR
cg10556830	CCNB1	chr5	0.412218026	+ T2D risk	1stExon
cg10556830	CCNB1	chr5	0.412218026	+ T2D risk	5'UTR
cg00100549	CHKA	chr11	0.412264722	+ T2D risk	Body
cg23122913	ST8SIA1	chr12	0.412489551	+ T2D risk	5'UTR
cg23122913	ST8SIA1	chr12	0.412489551	+ T2D risk	Body
cg17042881	CHID1	chr11	0.412580284	+ T2D risk	Body
cg26025906	ZDHHC2	chr8	0.412677479	+ T2D risk	3'UTR
cg07015203	UNC80	chr2	0.412711313	+ T2D risk	Body
cg09435479	EFR3A	chr8	0.412757971	+ T2D risk	Body
cg14767833	TTC28	chr22	0.41279637	- T2D risk	3'UTR
cg14482068	GALK2	chr15	0.412811926	+ T2D risk	TSS1500
cg07465127	MAN1A1	chr6	0.412882342	- T2D risk	Body
cg01529466	PACS1	chr11	0.412964416	+ T2D risk	Body
cg23934546	PDE7A	chr8	0.413129625	- T2D risk	Body
cg01237444	NCOA2	chr8	0.413570122	- T2D risk	5'UTR
cg17455688	NUP98	chr11	0.413636105	+ T2D risk	TSS1500
cg13938970	PRKCB	chr16	0.413891702	+ T2D risk	Body
cg10046367	TANC2	chr17	0.413973951	+ T2D risk	TSS1500
cg22346702	NOL4	chr18	0.414297037	- T2D risk	5'UTR
cg22346702	NOL4	chr18	0.414297037	- T2D risk	Body
cg25461513	CADM1	chr11	0.414337702	- T2D risk	Body
cg25301039	PRKCB	chr16	0.414365838	- T2D risk	Body
cg06951739	SLIT3	chr5	0.41437743	+ T2D risk	Body
cg15318881	TENM2	chr5	0.414416516	- T2D risk	Body
cg08454936	ACTN4	chr19	0.414440592	- T2D risk	Body
cg04328729	DIP2C	chr10	0.414535995	- T2D risk	Body
cg10397419	PRKCE	chr2	0.414570421	- T2D risk	Body
cg00846287	PDLIM5	chr4	0.414585764	- T2D risk	Body
cg24257168	CUX1	chr7	0.414592947	+ T2D risk	Body
cg10978194	NOL4	chr18	0.414619098	- T2D risk	5'UTR
cg10978194	NOL4	chr18	0.414619098	- T2D risk	Body
cg02036430	SSBP2	chr5	0.414766828	+ T2D risk	Body
cg17668562	CCNB1	chr5	0.414881343	+ T2D risk	Body
cg19978273	MAST1	chr19	0.414953516	- T2D risk	TSS200
cg13256874	PRKAG2	chr7	0.414995443	+ T2D risk	Body
cg06249924	PDE7A	chr8	0.41502672	+ T2D risk	Body
cg02333645	NCOA7	chr6	0.415105678	+ T2D risk	5'UTR
cg02333645	NCOA7	chr6	0.415105678	+ T2D risk	Body
cg10271097	ATP8A2	chr13	0.415345255	- T2D risk	Body
cg07833011	PDK1	chr2	0.415396032	+ T2D risk	TSS200
cg07833011	PDK1	chr2	0.415396032	+ T2D risk	TSS1500
cg13710297	ERC2	chr3	0.415443928	- T2D risk	Body
cg13335567	NCOA2	chr8	0.415459676	- T2D risk	Body
cg19679250	CALD1	chr7	0.415556385	- T2D risk	TSS1500
cg16053012	ADCY5	chr3	0.415645453	+ T2D risk	Body
cg15580458	GRK5	chr10	0.415647803	+ T2D risk	Body
cg09157320	RHBDD1	chr2	0.41570971	- T2D risk	Body
cg13285910	ADCY5	chr3	0.415786668	+ T2D risk	Body
cg01217316	INPP4A	chr2	0.415819832	+ T2D risk	5'UTR
cg23898214	PHACTR1	chr6	0.415943843	+ T2D risk	Body
cg16294280	BCAT1	chr12	0.415991035	- T2D risk	Body
cg04186200	CLASP2	chr3	0.415997069	- T2D risk	Body
cg04186200	CLASP2	chr3	0.415997069	- T2D risk	ExonBnd
cg06733114	CLIC5	chr6	0.416006905	+ T2D risk	Body
cg11667785	GNA12	chr7	0.416177078	- T2D risk	Body
cg04517960	ERC2	chr3	0.416334871	+ T2D risk	TSS1500
cg07999090	FLT1	chr13	0.416335846	+ T2D risk	Body
cg19063930	KIAA1217	chr10	0.41642198	+ T2D risk	TSS1500
cg19063930	KIAA1217	chr10	0.41642198	+ T2D risk	5'UTR
cg01722003	CNTNAP2	chr7	0.416475992	- T2D risk	Body

cg16253962	TSC22D1	chr13	0.416490378	- T2D risk	Body
cg16253962	TSC22D1	chr13	0.416490378	- T2D risk	5'UTR
cg16253962	TSC22D1	chr13	0.416490378	- T2D risk	TSS200
cg03654387	ERC2	chr3	0.416492725	+ T2D risk	3'UTR
cg09147066	KDM4B	chr19	0.416554403	+ T2D risk	5'UTR
cg08870271	DDC	chr7	0.416627154	+ T2D risk	Body
cg08814640	UBE2K	chr4	0.416676178	- T2D risk	Body
cg22867070	TOP2A	chr17	0.416770392	- T2D risk	Body
cg16423638	CREBBP	chr16	0.41696177	+ T2D risk	Body
cg00152034	ITGA1	chr5	0.417013458	+ T2D risk	Body
cg16396223	PRKAG2	chr7	0.417096276	+ T2D risk	Body
cg02107110	WDR47	chr1	0.417240346	- T2D risk	3'UTR
cg05997242	KDM4B	chr19	0.417403661	- T2D risk	Body
cg10654443	WWP2	chr16	0.41788664	- T2D risk	5'UTR
cg04335339	ATRNL1	chr10	0.417983642	+ T2D risk	TSS200
cg09084461	FLT1	chr13	0.417992329	- T2D risk	Body
cg02098414	PHACTR1	chr6	0.418321783	+ T2D risk	Body
cg24301028	CNTNAP2	chr7	0.418330799	+ T2D risk	Body
cg07096093	TTC28	chr22	0.418380757	- T2D risk	Body
cg08260861	CNTNAP2	chr7	0.418412924	- T2D risk	Body
cg02648746	ULK4	chr3	0.418790567	+ T2D risk	TSS1500
cg17964981	CDH22	chr20	0.418804213	+ T2D risk	Body
cg12300377	RHBDD1	chr2	0.418805236	- T2D risk	Body
cg14293758	SVIP	chr11	0.419026129	- T2D risk	1stExon
cg10733507	ZHX2	chr8	0.419094008	- T2D risk	5'UTR
cg11883099	CUX1	chr7	0.4193605	- T2D risk	Body
cg20223648	TAB2	chr6	0.419499063	- T2D risk	5'UTR
cg20223648	TAB2	chr6	0.419499063	- T2D risk	Body
cg07771123	PTPRU	chr1	0.419506632	+ T2D risk	Body
cg05747134	MMS19	chr10	0.419703882	+ T2D risk	Body
cg26223654	MAST1	chr19	0.41996999	+ T2D risk	5'UTR
cg26223654	MAST1	chr19	0.41996999	+ T2D risk	1stExon
cg10533057	FAM160A1	chr4	0.420038315	- T2D risk	Body
cg17142816	DIP2C	chr10	0.42022684	+ T2D risk	Body
cg05937573	ARHGAP32	chr11	0.420234199	+ T2D risk	TSS1500
cg05627289	PACRG	chr6	0.420301776	- T2D risk	Body
cg02340253	TJP1	chr15	0.420362994	+ T2D risk	Body
cg12766607	RHBDD1	chr2	0.420415019	+ T2D risk	Body
cg19090468	NDUFB3	chr2	0.420422841	- T2D risk	5'UTR
cg19090468	NDUFB3	chr2	0.420422841	- T2D risk	1stExon
cg23502751	DIP2C	chr10	0.420579704	+ T2D risk	Body
cg01275697	INPP4A	chr2	0.420581291	- T2D risk	3'UTR
cg24495383	PACS1	chr11	0.420717605	+ T2D risk	Body
cg13366899	SLC29A4	chr7	0.420887697	+ T2D risk	5'UTR
cg13366899	SLC29A4	chr7	0.420887697	+ T2D risk	1stExon
cg24945092	DNAH9	chr17	0.420952155	+ T2D risk	3'UTR
cg08058836	MGRN1	chr16	0.421252171	+ T2D risk	TSS1500
cg05929272	PRKAG2	chr7	0.421331622	+ T2D risk	Body
cg26788616	CLEC16A	chr16	0.421344692	+ T2D risk	Body
cg09278107	PACS2	chr14	0.421359244	- T2D risk	TSS1500
cg11697013	RAP1GAP2	chr17	0.421504072	+ T2D risk	Body
cg02186409	FLT1	chr13	0.421551196	- T2D risk	Body
cg17904068	CHFR	chr12	0.4216327	- T2D risk	Body
cg25506045	SKAP1	chr17	0.421686086	- T2D risk	Body
cg19992857	NDUFB3	chr2	0.421825992	+ T2D risk	5'UTR
cg19992857	NDUFB3	chr2	0.421825992	+ T2D risk	1stExon
cg19120273	DIP2C	chr10	0.422035516	+ T2D risk	Body
cg06291627	ATRNL1	chr10	0.422126284	+ T2D risk	Body
cg11001780	DIP2C	chr10	0.422268264	+ T2D risk	Body
cg12677481	GLG1	chr16	0.422357647	+ T2D risk	TSS1500
cg11793689	ROBO2	chr3	0.422381465	- T2D risk	Body
cg24386905	DIP2C	chr10	0.42240342	+ T2D risk	Body
cg07469445	DIP2C	chr10	0.422546979	+ T2D risk	Body
cg06513979	DIP2C	chr10	0.422547692	- T2D risk	Body
cg01080927	RNF217	chr6	0.422616506	- T2D risk	Body
cg20990472	PRKCB	chr16	0.422776637	+ T2D risk	Body
cg26487908	PTPRU	chr1	0.422931859	- T2D risk	Body
cg10841988	PRKCE	chr2	0.423032163	- T2D risk	Body
cg16605942	SEZ6L	chr22	0.42316808	- T2D risk	TSS1500
cg17946266	PHACTR1	chr6	0.423169495	- T2D risk	Body

cg16183813	<i>DACH1</i>	chr13	0.423264669	- T2D risk	5'UTR
cg16183813	<i>DACH1</i>	chr13	0.423264669	- T2D risk	1stExon
cg20085036	<i>KCNIP3</i>	chr2	0.423277406	+ T2D risk	Body
cg24857609	<i>NCOA2</i>	chr8	0.423472325	+ T2D risk	5'UTR
cg02186735	<i>LAMA4</i>	chr6	0.423554187	- T2D risk	Body
cg14864167	<i>PDE7A</i>	chr8	0.423577797	+ T2D risk	Body
cg10643850	<i>ATRN</i>	chr20	0.423751054	+ T2D risk	Body
cg23981905	<i>MMS19</i>	chr10	0.423753277	- T2D risk	TSS1500
cg12740129	<i>MET</i>	chr7	0.423784352	- T2D risk	TSS1500
cg16382960	<i>CLASP2</i>	chr3	0.423804145	- T2D risk	Body
cg27132802	<i>CLOCK</i>	chr4	0.423815652	+ T2D risk	TSS200
cg27132802	<i>CLOCK</i>	chr4	0.423815652	+ T2D risk	5'UTR
cg13177972	<i>ANK3</i>	chr10	0.423827863	- T2D risk	Body
cg09999348	<i>PRKCE</i>	chr2	0.423860349	- T2D risk	Body
cg15275786	<i>SSBP2</i>	chr5	0.423874983	- T2D risk	Body
cg20886248	<i>RHBDD1</i>	chr2	0.423934382	- T2D risk	Body
cg01334081	<i>TANC2</i>	chr17	0.423952004	- T2D risk	TSS1500
cg13980639	<i>HMBX1</i>	chr8	0.42405707	+ T2D risk	5'UTR
cg25637631	<i>IFT74</i>	chr9	0.424159984	- T2D risk	TSS200
cg25637631	<i>IFT74</i>	chr9	0.424159984	- T2D risk	5'UTR
cg19505458	<i>KIAA1217</i>	chr10	0.42423625	- T2D risk	Body
cg08727316	<i>KIAA1217</i>	chr10	0.424288214	- T2D risk	Body
cg21997435	<i>PDLIM5</i>	chr4	0.424396939	+ T2D risk	TSS1500
cg06122921	<i>DIP2C</i>	chr10	0.424510599	+ T2D risk	Body
cg15928398	<i>ST6GAL1</i>	chr3	0.424520419	- T2D risk	TSS1500
cg14891948	<i>CADM1</i>	chr11	0.424521587	+ T2D risk	Body
cg00567872	<i>CUX1</i>	chr7	0.424751873	+ T2D risk	Body
cg11549132	<i>INPP4A</i>	chr2	0.424847382	- T2D risk	TSS200
cg00930125	<i>INPP4A</i>	chr2	0.424852804	+ T2D risk	Body
cg16571786	<i>RNF157</i>	chr17	0.424882191	- T2D risk	TSS1500
cg03598288	<i>FNIP2</i>	chr4	0.42493517	+ T2D risk	Body
cg03193551	<i>PRKAG2</i>	chr7	0.425091759	+ T2D risk	Body
cg11894690	<i>ATXN1</i>	chr6	0.425160574	- T2D risk	5'UTR
cg03815900	<i>CNTROB</i>	chr17	0.425231847	- T2D risk	Body
cg02279759	<i>CRYL1</i>	chr13	0.425278554	+ T2D risk	TSS1500
cg18568335	<i>PACS2</i>	chr14	0.425326093	- T2D risk	Body
cg06271237	<i>PLAGL1</i>	chr6	0.425326376	+ T2D risk	Body
cg12895407	<i>TENM2</i>	chr5	0.425392592	- T2D risk	Body
cg22291711	<i>MEIS2</i>	chr15	0.425566775	+ T2D risk	Body
cg18104149	<i>ERC2</i>	chr3	0.425870398	- T2D risk	5'UTR
cg24600701	<i>GALK2</i>	chr15	0.426153991	- T2D risk	Body
cg18430255	<i>GRK5</i>	chr10	0.426163859	- T2D risk	Body
cg26073987	<i>KIAA0232</i>	chr4	0.426174591	+ T2D risk	TSS1500
cg23253053	<i>CUX2</i>	chr12	0.426185199	- T2D risk	Body
cg01353809	<i>ARID2</i>	chr12	0.426330635	- T2D risk	TSS200
cg03034794	<i>PDK1</i>	chr2	0.426339157	- T2D risk	Body
cg02606650	<i>TENM2</i>	chr5	0.42634656	- T2D risk	Body
cg01603740	<i>GRK5</i>	chr10	0.426401271	+ T2D risk	Body
cg05211947	<i>ATP8A1</i>	chr4	0.426460087	+ T2D risk	Body
cg04168997	<i>EFR3A</i>	chr8	0.42655341	+ T2D risk	Body
cg25494796	<i>MAN1A1</i>	chr6	0.426603093	+ T2D risk	Body
cg25026667	<i>PRKCE</i>	chr2	0.426678879	+ T2D risk	Body
cg27650540	<i>CUX2</i>	chr12	0.426710576	+ T2D risk	Body
cg17545341	<i>PRKAG2</i>	chr7	0.426721235	- T2D risk	Body
cg01373599	<i>DIP2C</i>	chr10	0.426835125	+ T2D risk	Body
cg12583638	<i>TOX3</i>	chr16	0.426900863	- T2D risk	Body
cg11159252	<i>STX6</i>	chr1	0.42693164	+ T2D risk	Body
cg27131579	<i>RNF217</i>	chr6	0.426952898	+ T2D risk	Body
cg27131579	<i>RNF217</i>	chr6	0.426952898	+ T2D risk	3'UTR
cg00579794	<i>CLEC16A</i>	chr16	0.42700101	- T2D risk	3'UTR
cg23571288	<i>CDK8</i>	chr13	0.427106966	+ T2D risk	1stExon
cg23571288	<i>CDK8</i>	chr13	0.427106966	+ T2D risk	5'UTR
cg08999070	<i>CDH22</i>	chr20	0.427117907	- T2D risk	Body
cg06879573	<i>DIP2C</i>	chr10	0.427218103	+ T2D risk	Body
cg04075376	<i>ATXN1</i>	chr6	0.427270383	- T2D risk	5'UTR
cg06997028	<i>CLOCK</i>	chr4	0.427509719	- T2D risk	5'UTR
cg10605829	<i>APBA1</i>	chr9	0.427522342	- T2D risk	Body
cg18825119	<i>PACRG</i>	chr6	0.427659039	+ T2D risk	Body
cg04224811	<i>ERC2</i>	chr3	0.427691276	- T2D risk	3'UTR
cg27021520	<i>CLASP2</i>	chr3	0.427756416	- T2D risk	TSS1500

cg14536424	ASH1L	chr1	0.427833109	+ T2D risk	Body
cg02647929	MGRN1	chr16	0.427843799	- T2D risk	Body
cg09884290	PICALM	chr11	0.427929045	+ T2D risk	Body
cg09614956	IMPA1	chr8	0.427962216	+ T2D risk	3'UTR
cg20789821	CNTNAP2	chr7	0.428134786	- T2D risk	Body
cg22530144	PRKCE	chr2	0.428239271	- T2D risk	Body
cg10591926	DIP2C	chr10	0.428274626	- T2D risk	Body
cg07620853	GAD1	chr2	0.428399451	- T2D risk	Body
cg19087177	ENAH	chr1	0.428404672	- T2D risk	Body
cg12053543	LAMA4	chr6	0.428495325	- T2D risk	Body
cg20227241	CNTROB	chr17	0.428633137	+ T2D risk	1stExon
cg20227241	CNTROB	chr17	0.428633137	+ T2D risk	5'UTR
cg14002960	NOL4	chr18	0.428648234	- T2D risk	Body
cg05733361	PDE8A	chr15	0.428715009	+ T2D risk	TSS1500
cg13966241	BCAT1	chr12	0.428771682	- T2D risk	Body
cg13966241	BCAT1	chr12	0.428771682	- T2D risk	TSS1500
cg14303481	SLIT3	chr5	0.428799458	+ T2D risk	Body
cg21938148	COL4A1	chr13	0.428825862	- T2D risk	Body
cg06402738	CLIC5	chr6	0.428917825	+ T2D risk	TSS1500
cg06402738	CLIC5	chr6	0.428917825	+ T2D risk	Body
cg16024891	RAP1GAP2	chr17	0.42894086	+ T2D risk	Body
cg20706192	HNRNPA2B1	chr7	0.429041365	+ T2D risk	TSS1500
cg25262044	DKK2	chr4	0.429110148	- T2D risk	TSS1500
cg14442394	HMBOX1	chr8	0.429148748	- T2D risk	TSS200
cg14442394	HMBOX1	chr8	0.429148748	- T2D risk	TSS1500
cg18814402	INPP4A	chr2	0.429150755	+ T2D risk	Body
cg05966059	UNC80	chr2	0.429170967	- T2D risk	Body
cg20700952	USP29	chr19	0.429175942	+ T2D risk	TSS1500
cg08206308	NCOR1	chr17	0.429184115	+ T2D risk	TSS1500
cg12757684	PLAGL1	chr6	0.429202767	- T2D risk	5'UTR
cg12757684	PLAGL1	chr6	0.429202767	- T2D risk	1stExon
cg03081478	GNA12	chr7	0.429396582	- T2D risk	Body
cg01927532	PDE3A	chr12	0.429415408	+ T2D risk	Body
cg27400561	KCNIP3	chr2	0.429542886	- T2D risk	Body
cg08689932	KCNJ18	chr17	0.429564437	+ T2D risk	TSS1500
cg08689932	KCNJ12	chr17	0.429564437	+ T2D risk	5'UTR
cg04404956	PRKD1	chr14	0.429564945	+ T2D risk	Body
cg25464696	HMBOX1	chr8	0.429642626	- T2D risk	Body
cg10062150	TMEM59	chr1	0.429827191	+ T2D risk	5'UTR
cg10062150	TMEM59	chr1	0.429827191	+ T2D risk	Body
cg08782022	MGRN1	chr16	0.429828079	- T2D risk	Body
cg08751352	UBL3	chr13	0.42983985	- T2D risk	Body
cg09137729	PLAGL1	chr6	0.430092847	- T2D risk	5'UTR
cg09137729	PLAGL1	chr6	0.430092847	- T2D risk	ExonBnd
cg03022575	ULK4	chr3	0.430098526	+ T2D risk	TSS200
cg22873412	PDE7A	chr8	0.43020294	+ T2D risk	Body
cg12978142	CADM1	chr11	0.430245008	+ T2D risk	Body
cg26892401	GNA12	chr7	0.430290797	+ T2D risk	Body
cg07259733	BCAT1	chr12	0.430325715	- T2D risk	TSS1500
cg22476055	CLEC16A	chr16	0.43040979	- T2D risk	Body
cg03703833	CTR9	chr11	0.43042678	- T2D risk	Body
cg25617952	PDK1	chr2	0.430459226	+ T2D risk	Body
cg17160317	NOL4	chr18	0.430478861	+ T2D risk	5'UTR
cg17160317	NOL4	chr18	0.430478861	+ T2D risk	Body
cg06104007	GALK2	chr15	0.430484676	+ T2D risk	5'UTR
cg06104007	GALK2	chr15	0.430484676	+ T2D risk	1stExon
cg02577963	KDM4B	chr19	0.430647047	+ T2D risk	Body
cg14180318	RCAN2	chr6	0.430766394	- T2D risk	Body
cg07486252	ANK2	chr4	0.430887022	- T2D risk	Body
cg02275396	WIZ	chr19	0.430929319	+ T2D risk	Body
cg00181964	PACS2	chr14	0.430933371	+ T2D risk	Body
cg00181964	PACS2	chr14	0.430933371	+ T2D risk	5'UTR
cg25299666	TTC28	chr22	0.431004637	- T2D risk	Body
cg07080147	UNC80	chr2	0.431025529	- T2D risk	Body
cg16451027	APC	chr5	0.431070408	- T2D risk	TSS1500
cg26480862	TTC28	chr22	0.431167051	+ T2D risk	Body
cg27233847	DIP2C	chr10	0.431289326	+ T2D risk	Body
cg01536668	CREBBP	chr16	0.431371148	- T2D risk	Body
cg10920342	PPP1R12A	chr12	0.431411205	+ T2D risk	Body
cg20730432	ARL8B	chr3	0.431488341	- T2D risk	Body

cg14607415	PRKACB	chr1	0.431531261	+ T2D risk	Body
cg14607415	PRKACB	chr1	0.431531261	+ T2D risk	TSS1500
cg16134349	ANK3	chr10	0.431594349	- T2D risk	1stExon
cg16134349	ANK3	chr10	0.431594349	- T2D risk	5'UTR
cg16134349	ANK3	chr10	0.431594349	- T2D risk	Body
cg14003320	ASXL2	chr2	0.431637344	- T2D risk	Body
cg03196689	RSF1	chr11	0.431667284	+ T2D risk	Body
cg17808646	PFKFB2	chr1	0.43169393	+ T2D risk	TSS1500
cg00053839	CUX1	chr7	0.431796032	- T2D risk	Body
cg03762314	SLC29A4	chr7	0.431821505	+ T2D risk	Body
cg11857210	CLASP2	chr3	0.431824991	+ T2D risk	Body
cg05710613	RSF1	chr11	0.432061529	+ T2D risk	Body
cg22321985	CREBBP	chr16	0.432104669	- T2D risk	3'UTR
cg21222911	SVIP	chr11	0.432223478	+ T2D risk	TSS1500
cg16619991	ITGA1	chr5	0.432242524	+ T2D risk	Body
cg10963021	CREBBP	chr16	0.432447065	- T2D risk	Body
cg01100868	SLIT3	chr5	0.432575436	- T2D risk	Body
cg10683548	ANK2	chr4	0.432609261	- T2D risk	Body
cg02175739	CHID1	chr11	0.432697366	- T2D risk	Body
cg02172182	ANK3	chr10	0.432701223	+ T2D risk	Body
cg02953559	ADCY5	chr3	0.432837599	- T2D risk	Body
cg22847846	RET	chr10	0.432850223	- T2D risk	Body
cg10226218	RRAGB	chrX	0.432863161	+ T2D risk	Body
cg26535616	ACSS2	chr20	0.43289509	+ T2D risk	TSS1500
cg26535616	ACSS2	chr20	0.43289509	+ T2D risk	5'UTR
cg26535616	ACSS2	chr20	0.43289509	+ T2D risk	1stExon
cg19344725	SCARB2	chr4	0.432946251	- T2D risk	Body
cg07963705	ITGB1	chr10	0.433034425	- T2D risk	Body
cg01276222	CCNB1	chr5	0.433039794	- T2D risk	Body
cg16498359	SLC29A4	chr7	0.433067496	+ T2D risk	Body
cg15959238	CALD1	chr7	0.433122957	- T2D risk	Body
cg15959238	CALD1	chr7	0.433122957	- T2D risk	TSS200
cg14383014	SRPK2	chr7	0.43316865	- T2D risk	Body
cg18416981	CHKA	chr11	0.433272092	+ T2D risk	3'UTR
cg25994883	GGPS1	chr1	0.433290079	+ T2D risk	TSS1500
cg24979438	ARL15	chr5	0.433457994	- T2D risk	Body
cg01280655	LMCD1	chr3	0.433483089	+ T2D risk	5'UTR
cg01280655	LMCD1	chr3	0.433483089	+ T2D risk	Body
cg19777066	KANTR	chrX	0.433559634	- T2D risk	Body
cg00648911	ANK2	chr4	0.433564454	- T2D risk	ExonBnd
cg00648911	ANK2	chr4	0.433564454	- T2D risk	Body
cg16084313	KIAA1217	chr10	0.433709881	+ T2D risk	Body
cg11597447	STX6	chr1	0.433726051	- T2D risk	Body
cg18813128	CADM1	chr11	0.433745522	- T2D risk	Body
cg05974003	COL4A1	chr13	0.433764624	+ T2D risk	Body
cg00512487	ATRN	chr20	0.433932378	- T2D risk	1stExon
cg00809147	SLIT3	chr5	0.433956141	+ T2D risk	Body
cg06639440	CHID1	chr11	0.434037785	+ T2D risk	TSS200
cg26732155	MEIS2	chr15	0.434117953	+ T2D risk	Body
cg19252199	COL4A1	chr13	0.434195158	+ T2D risk	TSS1500
cg27463953	ATRN	chr20	0.434217902	- T2D risk	TSS1500
cg09644309	DACH1	chr13	0.434267406	+ T2D risk	Body
cg18848677	PRKCB	chr16	0.434270936	+ T2D risk	Body
cg20952131	TPCN1	chr12	0.434564874	+ T2D risk	Body
cg15337646	CHFR	chr12	0.43460778	- T2D risk	TSS1500
cg17254607	ERC2	chr3	0.434614344	- T2D risk	3'UTR
cg10071690	DIP2C	chr10	0.434705408	- T2D risk	Body
cg25063058	ARPP19	chr15	0.434760072	- T2D risk	Body
cg26573683	CUX1	chr7	0.434848941	- T2D risk	Body
cg11461133	GNA12	chr7	0.434969317	- T2D risk	TSS200
cg07113164	TAZ	chrX	0.435014291	+ T2D risk	Body
cg01785153	SLIT3	chr5	0.435144516	+ T2D risk	Body
cg23821914	RBM4	chr11	0.435275949	- T2D risk	Body
cg21746573	PRKCE	chr2	0.4353294	- T2D risk	Body
cg03363242	HMBOX1	chr8	0.435397286	+ T2D risk	TSS200
cg03363242	HMBOX1	chr8	0.435397286	+ T2D risk	TSS1500
cg10904471	MAN1A1	chr6	0.435432889	- T2D risk	Body
cg21681030	RHOQ	chr2	0.435567986	+ T2D risk	Body
cg14330593	INPP4A	chr2	0.4355907	- T2D risk	Body
cg09533946	KDM4B	chr19	0.43564086	- T2D risk	5'UTR

cg19447221	KIAA1217	chr10	0.435879744	+ T2D risk	5'UTR
cg05232977	KIAA1217	chr10	0.435903158	- T2D risk	5'UTR
cg05232977	KIAA1217	chr10	0.435903158	- T2D risk	Body
cg23015138	RAP1GAP2	chr17	0.435932488	+ T2D risk	Body
cg02612836	APBA1	chr9	0.436041311	+ T2D risk	5'UTR
cg11989218	CHFR	chr12	0.436055074	+ T2D risk	Body
cg16594957	CREBBP	chr16	0.436097519	+ T2D risk	3'UTR
cg20256804	DIP2C	chr10	0.436197788	+ T2D risk	Body
cg06394961	KIAA1217	chr10	0.436288453	- T2D risk	5'UTR
cg02342962	TENM2	chr5	0.436289634	- T2D risk	Body
cg11820745	TOP2A	chr17	0.436292572	+ T2D risk	Body
cg15917362	PRKD1	chr14	0.436342174	+ T2D risk	Body
cg20981245	CUX1	chr7	0.436366211	+ T2D risk	Body
cg01055232	AMD1	chr6	0.436392693	+ T2D risk	5'UTR
cg18224734	PDLIM5	chr4	0.43639567	- T2D risk	5'UTR
cg18224734	PDLIM5	chr4	0.43639567	- T2D risk	Body
cg12158535	PACS2	chr14	0.43639715	- T2D risk	Body
cg20643012	DNAH9	chr17	0.4364269	+ T2D risk	TSS200
cg02205401	SEC31A	chr4	0.436446073	- T2D risk	5'UTR
cg02205401	SEC31A	chr4	0.436446073	- T2D risk	Body
cg27146011	WIZ	chr19	0.436494295	+ T2D risk	Body
cg05289022	TMEM131	chr2	0.436509796	+ T2D risk	Body
cg01948062	CADM1	chr11	0.436538302	- T2D risk	TSS1500
cg26544725	DNAJC1	chr10	0.436654248	+ T2D risk	Body
cg03892569	PHACTR1	chr6	0.436817473	+ T2D risk	Body
cg16829042	CUX1	chr7	0.436904081	+ T2D risk	Body
cg01144889	SLIT3	chr5	0.437017728	+ T2D risk	Body
cg10155983	CLEC16A	chr16	0.437090426	- T2D risk	Body
cg06996663	ATP6V1H	chr8	0.437156621	- T2D risk	TSS200
cg06996663	ATP6V1H	chr8	0.437156621	- T2D risk	TSS1500
cg25087601	ARHGAP32	chr11	0.437170285	- T2D risk	Body
cg07918578	SEZ6L	chr22	0.437250226	- T2D risk	Body
cg05544394	DIP2C	chr10	0.437321508	- T2D risk	Body
cg04680907	CALD1	chr7	0.437395795	+ T2D risk	Body
cg00324510	PACS1	chr11	0.437482856	- T2D risk	Body
cg22678707	NPAT	chr11	0.437523164	- T2D risk	Body
cg25181236	CLOCK	chr4	0.437604485	- T2D risk	5'UTR
cg14859916	CNTNAP2	chr7	0.437752263	- T2D risk	Body
cg11914194	FLT1	chr13	0.43779033	- T2D risk	Body
cg00687668	ASH1L	chr1	0.437863071	- T2D risk	Body
cg08397390	UXS1	chr2	0.437970584	+ T2D risk	Body
cg03282630	FARSB	chr2	0.438176944	- T2D risk	Body
cg01901898	ATP6V1A	chr3	0.438255549	- T2D risk	TSS1500
cg10708675	NQO1	chr16	0.438359228	- T2D risk	TSS1500
cg04932464	KIAA0232	chr4	0.438405606	+ T2D risk	5'UTR
cg09377736	CALD1	chr7	0.43846019	- T2D risk	Body
cg09520037	ZHX2	chr8	0.438482992	- T2D risk	5'UTR
cg01656717	WWP2	chr16	0.438533654	+ T2D risk	Body
cg11053561	CHID1	chr11	0.438584496	+ T2D risk	3'UTR
cg22992794	SPOCK1	chr5	0.438622156	+ T2D risk	Body
cg03669245	SSBP2	chr5	0.438639382	- T2D risk	Body
cg09066988	ANK2	chr4	0.438646165	+ T2D risk	Body
cg25553730	CUX1	chr7	0.438651821	- T2D risk	Body
cg22183626	TSC22D1	chr13	0.438808203	+ T2D risk	TSS1500
cg27299484	ATP8A1	chr4	0.438814206	+ T2D risk	Body
cg20689626	SLC7A2	chr8	0.438858814	- T2D risk	TSS1500
cg06525993	TJP1	chr15	0.439013748	- T2D risk	Body
cg04264958	GALK2	chr15	0.439096729	+ T2D risk	5'UTR
cg04264958	GALK2	chr15	0.439096729	+ T2D risk	Body
cg01588379	PRKAG2	chr7	0.439124364	- T2D risk	Body
cg06736849	SEC31A	chr4	0.439470345	- T2D risk	Body
cg07607536	RAP1GAP2	chr17	0.439488251	+ T2D risk	Body
cg06886080	PACS1	chr11	0.439582529	- T2D risk	Body
cg08755532	KCNIP3	chr2	0.439689015	- T2D risk	Body
cg16516888	RSF1	chr11	0.439706656	- T2D risk	TSS1500
cg04578183	PRKAG2	chr7	0.439830703	+ T2D risk	Body
cg09893431	DIP2C	chr10	0.439879312	+ T2D risk	Body
cg06781086	DYNC1I2	chr2	0.439889176	+ T2D risk	Body
cg24886068	ATXN1	chr6	0.440114383	+ T2D risk	5'UTR
cg05445263	CRYL1	chr13	0.440121068	- T2D risk	Body

cg01890075	CUX1	chr7	0.440131439	- T2D risk	3'UTR
cg23053299	ITGA1	chr5	0.44024065	+ T2D risk	TSS1500
cg08613606	DIP2C	chr10	0.440302128	+ T2D risk	Body
cg06730364	CNTNAP2	chr7	0.440351065	- T2D risk	Body
cg20153409	GAD1	chr2	0.440466585	- T2D risk	Body
cg06916597	SLIT3	chr5	0.440772247	- T2D risk	Body
cg15048607	CLOCK	chr4	0.440803769	+ T2D risk	Body
cg14488626	SLIT3	chr5	0.440829347	+ T2D risk	Body
cg22228556	ST20	chr15	0.44099957	- T2D risk	5'UTR
cg22228556	ST20	chr15	0.44099957	- T2D risk	Body
cg24145039	MAST1	chr19	0.441033921	+ T2D risk	Body
cg00797346	MEIS2	chr15	0.44105176	- T2D risk	5'UTR
cg00797346	MEIS2	chr15	0.44105176	- T2D risk	1stExon
cg00797346	MEIS2	chr15	0.44105176	- T2D risk	Body
cg00797346	MEIS2	chr15	0.44105176	- T2D risk	TSS1500
cg08559978	AGPAT3	chr21	0.441302682	+ T2D risk	5'UTR
cg10558228	ASH1L	chr1	0.441367765	- T2D risk	TSS1500
cg03084158	GNA12	chr7	0.441404328	+ T2D risk	Body
cg05575995	ITGA1	chr5	0.4414099	+ T2D risk	TSS1500
cg02483529	DIP2C	chr10	0.441539408	+ T2D risk	Body
cg11849461	DNAH9	chr17	0.441804477	+ T2D risk	Body
cg17545875	CUX1	chr7	0.441829642	- T2D risk	Body
cg12470036	DIP2C	chr10	0.441889475	- T2D risk	Body
cg01943520	AGPAT3	chr21	0.442032408	+ T2D risk	5'UTR
cg16445423	TMEM131	chr2	0.44203851	+ T2D risk	Body
cg11804641	SKAP1	chr17	0.442053548	+ T2D risk	Body
cg06819775	RAP1B	chr12	0.442116198	+ T2D risk	TSS1500
cg20293888	GNA12	chr7	0.442169676	+ T2D risk	Body
cg08507436	RSF1	chr11	0.442173519	- T2D risk	Body
cg00795520	TAB2	chr6	0.442178495	+ T2D risk	5'UTR
cg00795520	TAB2	chr6	0.442178495	+ T2D risk	Body
cg01306891	DIP2C	chr10	0.442425149	- T2D risk	Body
cg22231602	RGS7	chr1	0.442524298	+ T2D risk	Body
cg00767846	SSB	chr2	0.442596716	- T2D risk	1stExon
cg00767846	SSB	chr2	0.442596716	- T2D risk	5'UTR
cg14618411	NCOA2	chr8	0.442624341	- T2D risk	5'UTR
cg16142698	DNAJC13	chr3	0.442694794	- T2D risk	TSS1500
cg00168106	PACS1	chr11	0.442701406	- T2D risk	Body
cg11756080	ERC2	chr3	0.442750107	+ T2D risk	Body
cg25645338	APC	chr5	0.442885475	- T2D risk	5'UTR
cg10553088	CADM1	chr11	0.443101415	+ T2D risk	Body
cg06646604	PDE8A	chr15	0.443185677	- T2D risk	Body
cg22150335	ANK3	chr10	0.443212731	+ T2D risk	Body
cg02473562	CDH22	chr20	0.443228775	+ T2D risk	Body
cg24646561	ST20	chr15	0.443231634	+ T2D risk	TSS200
cg24646561	ST20	chr15	0.443231634	+ T2D risk	Body
cg12591302	MMS19	chr10	0.443464381	- T2D risk	TSS200
cg02429514	NCOR1	chr17	0.44348007	- T2D risk	Body
cg25355904	CUX1	chr7	0.443554388	+ T2D risk	Body
cg02512697	RCAN2	chr6	0.443560486	- T2D risk	5'UTR
cg02512697	RCAN2	chr6	0.443560486	- T2D risk	1stExon
cg02512697	RCAN2	chr6	0.443560486	- T2D risk	Body
cg02709321	TOX3	chr16	0.443618549	- T2D risk	5'UTR
cg02709321	TOX3	chr16	0.443618549	- T2D risk	TSS1500
cg22338152	USP29	chr19	0.443621525	+ T2D risk	Body
cg07259683	MEIS2	chr15	0.443673228	- T2D risk	Body
cg17933295	KDM4B	chr19	0.443802728	+ T2D risk	Body
cg10469659	SPPL2A	chr15	0.443859225	- T2D risk	1stExon
cg19078574	INPP4A	chr2	0.44391899	+ T2D risk	TSS200
cg24639176	PHACTR1	chr6	0.444019708	+ T2D risk	Body
cg05616819	PRKCB	chr16	0.444057076	+ T2D risk	3'UTR
cg18675899	TENM2	chr5	0.444061122	+ T2D risk	Body
cg11086275	STX6	chr1	0.444079422	- T2D risk	Body
cg18226451	PLEKHG3	chr14	0.444398205	+ T2D risk	5'UTR
cg15726556	ATP6V1A	chr3	0.444467247	- T2D risk	5'UTR
cg21628055	GNA12	chr7	0.444489482	- T2D risk	Body
cg14600855	CLIC5	chr6	0.444532953	+ T2D risk	Body
cg20534694	PRKAG2	chr7	0.444606492	- T2D risk	TSS1500
cg20534694	PRKAG2	chr7	0.444606492	- T2D risk	Body
cg00619087	SRPK2	chr7	0.444634941	+ T2D risk	Body

cg00619087	SRPK2	chr7	0.444634941	+ T2D risk	5'UTR
cg11994439	CLEC16A	chr16	0.444650071	+ T2D risk	Body
cg17256791	PDE8A	chr15	0.444771456	+ T2D risk	5'UTR
cg17256791	PDE8A	chr15	0.444771456	+ T2D risk	Body
cg04709373	WWP2	chr16	0.444779195	- T2D risk	Body
cg13263104	NF1	chr17	0.444779362	- T2D risk	Body
cg19542090	PDE8A	chr15	0.444915411	+ T2D risk	TSS1500
cg01596289	PACRG	chr6	0.444927983	- T2D risk	Body
cg12643008	KREMEN1	chr22	0.445047921	- T2D risk	Body
cg09117950	NCOR1	chr17	0.4450688	+ T2D risk	Body
cg23473401	PRKCB	chr16	0.445098021	- T2D risk	Body
cg14494607	CLIC5	chr6	0.445683389	+ T2D risk	Body
cg05053968	CCNB1	chr5	0.445767657	+ T2D risk	Body
cg26570844	CUX1	chr7	0.4458228	+ T2D risk	Body
cg26997596	GALK2	chr15	0.445865333	+ T2D risk	Body
cg09678615	TOX3	chr16	0.445897258	+ T2D risk	5'UTR
cg09678615	TOX3	chr16	0.445897258	+ T2D risk	Body
cg01345637	CADM1	chr11	0.445905484	- T2D risk	Body
cg04934204	PACS2	chr14	0.445920744	- T2D risk	5'UTR
cg04934204	PACS2	chr14	0.445920744	- T2D risk	Body
cg06622286	RTN4	chr2	0.446122445	+ T2D risk	Body
cg06622286	RTN4	chr2	0.446122445	+ T2D risk	5'UTR
cg27556675	ATRN	chr20	0.44614382	+ T2D risk	Body
cg09477426	TMEM19	chr16	0.446167125	+ T2D risk	Body
cg04122422	ARHGAP32	chr11	0.446167353	+ T2D risk	Body
cg26955835	DKK2	chr4	0.44618054	+ T2D risk	1stExon
cg26955835	DKK2	chr4	0.44618054	+ T2D risk	5'UTR
cg05903872	DIP2C	chr10	0.446201779	- T2D risk	Body
cg11066280	TTC28	chr22	0.446355627	- T2D risk	Body
cg10717379	PLAGL1	chr6	0.446449612	- T2D risk	5'UTR
cg06780255	ANK2	chr4	0.446455646	+ T2D risk	Body
cg12679308	CUX1	chr7	0.446555007	+ T2D risk	Body
cg13484357	SLC30A8	chr8	0.44656271	- T2D risk	5'UTR
cg08536167	TSGA10	chr2	0.44664728	- T2D risk	5'UTR
cg08536167	TSGA10	chr2	0.44664728	- T2D risk	TSS200
cg23337361	PHACTR1	chr6	0.446660784	+ T2D risk	Body
cg12948619	CUX2	chr12	0.446739715	+ T2D risk	Body
cg24387389	ATP8A2	chr13	0.446850879	- T2D risk	Body
cg22403971	MAN1A1	chr6	0.447145909	+ T2D risk	TSS1500
cg22019065	UNC80	chr2	0.447169227	- T2D risk	Body
cg04922772	EFR3A	chr8	0.447280822	+ T2D risk	Body
cg21218883	PRKCE	chr2	0.447650439	+ T2D risk	Body
cg07784478	CUX1	chr7	0.447842845	+ T2D risk	Body
cg08342791	WWP2	chr16	0.447875933	+ T2D risk	Body
cg02473953	RBBP6	chr16	0.447880471	+ T2D risk	TSS1500
cg25793592	SKAP1	chr17	0.447898584	- T2D risk	Body
cg11760361	TTC28	chr22	0.447975756	+ T2D risk	Body
cg20793071	TMEM59	chr1	0.448002493	+ T2D risk	TSS1500
cg19874047	CUX1	chr7	0.448026325	+ T2D risk	5'UTR
cg19874047	CUX1	chr7	0.448026325	+ T2D risk	TSS200
cg19874047	CUX1	chr7	0.448026325	+ T2D risk	1stExon
cg14045725	SGSM2	chr17	0.448033715	+ T2D risk	5'UTR
cg14045725	SGSM2	chr17	0.448033715	+ T2D risk	1stExon
cg00739778	RAP1GAP2	chr17	0.448158715	- T2D risk	Body
cg15610170	ST6GAL1	chr3	0.448162529	- T2D risk	5'UTR
cg18068715	ERC2	chr3	0.448196886	- T2D risk	Body
cg11520554	ST20	chr15	0.448317892	- T2D risk	5'UTR
cg11520554	ST20	chr15	0.448317892	- T2D risk	1stExon
cg06068379	COL4A1	chr13	0.448412438	- T2D risk	Body
cg11111332	DDC	chr7	0.448496535	- T2D risk	5'UTR
cg27172916	ENAH	chr1	0.448502636	+ T2D risk	Body
cg17387870	CHFR	chr12	0.448536648	+ T2D risk	Body
cg10752869	MEIS2	chr15	0.44856487	- T2D risk	5'UTR
cg10752869	MEIS2	chr15	0.44856487	- T2D risk	1stExon
cg10752869	MEIS2	chr15	0.44856487	- T2D risk	Body
cg10752869	MEIS2	chr15	0.44856487	- T2D risk	TSS1500
cg23895155	PACS2	chr14	0.448565193	+ T2D risk	3'UTR
cg26967305	KREMEN1	chr22	0.448605007	+ T2D risk	3'UTR
cg11261859	KDM4B	chr19	0.448663954	- T2D risk	5'UTR
cg02609692	LMX1B	chr9	0.448761809	- T2D risk	Body

cg08845722	PRKCE	chr2	0.448788848	+ T2D risk	Body
cg01763575	CDH22	chr20	0.448900226	+ T2D risk	Body
cg09916174	CALD1	chr7	0.448968817	- T2D risk	Body
cg09916174	CALD1	chr7	0.448968817	- T2D risk	TSS200
cg14044233	NCOR1	chr17	0.448984186	- T2D risk	Body
cg14350899	CALD1	chr7	0.449001198	- T2D risk	Body
cg17702583	KDR	chr4	0.44910862	- T2D risk	3'UTR
cg20140023	DNAJC1	chr10	0.449218105	- T2D risk	Body
cg25867228	TAB2	chr6	0.449248876	+ T2D risk	Body
cg00582562	SKAP1	chr17	0.449376118	+ T2D risk	Body
cg20470716	DDC	chr7	0.449413631	- T2D risk	Body
cg10249546	TTC28	chr22	0.449546778	- T2D risk	Body
cg17010273	DDK2	chr4	0.449565068	- T2D risk	TSS1500
cg10333144	ATP6V1H	chr8	0.449566062	+ T2D risk	3'UTR
cg21236247	KIAA0232	chr4	0.449572144	- T2D risk	5'UTR
cg10871345	ATXN1	chr6	0.449671712	- T2D risk	5'UTR
cg13690322	MGRN1	chr16	0.449713804	+ T2D risk	Body
cg00678630	SCAF11	chr12	0.449939867	- T2D risk	TSS1500
cg02131870	CUX1	chr7	0.45004036	+ T2D risk	Body
cg00389397	CDH22	chr20	0.450172065	- T2D risk	Body
cg12741922	TSC22D1	chr13	0.450178291	- T2D risk	Body
cg12741922	TSC22D1	chr13	0.450178291	- T2D risk	TSS1500
cg12741922	TSC22D1	chr13	0.450178291	- T2D risk	5'UTR
cg12741922	TSC22D1	chr13	0.450178291	- T2D risk	TSS200
cg06456315	KDM4B	chr19	0.450188808	+ T2D risk	Body
cg12908660	DDC	chr7	0.45030218	- T2D risk	Body
cg00961517	KIAA1217	chr10	0.450316705	+ T2D risk	5'UTR
cg04837309	CUX1	chr7	0.450331173	- T2D risk	Body
cg23401210	USP29	chr19	0.450332549	- T2D risk	TSS1500
cg04986034	ITGB1	chr10	0.450372892	+ T2D risk	Body
cg00115741	PTPRU	chr1	0.450376665	+ T2D risk	Body
cg24271718	PRKAG2	chr7	0.450485309	- T2D risk	Body
cg06795712	AGPAT3	chr21	0.45052532	+ T2D risk	5'UTR
cg06795712	AGPAT3	chr21	0.45052532	+ T2D risk	TSS1500
cg26199576	SLC7A2	chr8	0.45053205	+ T2D risk	TSS1500
cg23523619	LMX1B	chr9	0.450745402	+ T2D risk	Body
cg04136251	ROBO2	chr3	0.450813607	- T2D risk	5'UTR
cg04136251	ROBO2	chr3	0.450813607	- T2D risk	Body
cg05640346	CNTNAP2	chr7	0.451027036	- T2D risk	Body
cg03644238	CUL1	chr7	0.451182938	- T2D risk	5'UTR
cg16578108	RAP1GAP2	chr17	0.451199539	- T2D risk	Body
cg15085427	ARID2	chr12	0.451236537	+ T2D risk	Body
cg22381955	CHFR	chr12	0.45134527	+ T2D risk	Body
cg11680444	ROBO2	chr3	0.451354216	+ T2D risk	5'UTR
cg11680444	ROBO2	chr3	0.451354216	+ T2D risk	TSS200
cg11680444	ROBO2	chr3	0.451354216	+ T2D risk	Body
cg24703175	NOTCH3	chr19	0.451741263	- T2D risk	Body
cg14511739	APC	chr5	0.45186871	- T2D risk	5'UTR
cg14511739	APC	chr5	0.45186871	- T2D risk	TSS200
cg14490286	ARL15	chr5	0.452140399	+ T2D risk	Body
cg12986181	TMEM150C	chr4	0.452158704	- T2D risk	5'UTR
cg10439402	TMEM131	chr2	0.452225734	+ T2D risk	Body
cg24322374	PACRG	chr6	0.452254232	+ T2D risk	TSS1500
cg10388392	SCAF11	chr12	0.452323237	+ T2D risk	Body
cg06171022	CUX2	chr12	0.452353148	+ T2D risk	Body
cg14179786	RHBDD1	chr2	0.45242948	+ T2D risk	Body
cg11266473	GAD1	chr2	0.452429484	+ T2D risk	5'UTR
cg12234533	ULK4	chr3	0.452437346	+ T2D risk	5'UTR
cg15811446	WWP2	chr16	0.452519321	+ T2D risk	Body
cg12042923	SPOCK1	chr5	0.452842553	- T2D risk	Body
cg12610595	WDR47	chr1	0.452984609	- T2D risk	5'UTR
cg12610595	WDR47	chr1	0.452984609	- T2D risk	1stExon
cg20058937	SLC29A4	chr7	0.453006462	+ T2D risk	Body
cg19239007	KDM4B	chr19	0.453006506	- T2D risk	5'UTR
cg03450124	CUX1	chr7	0.453118424	+ T2D risk	Body
cg12724894	DIP2C	chr10	0.453217771	+ T2D risk	Body
cg27352871	TSC22D1	chr13	0.453241881	+ T2D risk	TSS1500
cg27352871	TSC22D1	chr13	0.453241881	+ T2D risk	5'UTR
cg27352871	TSC22D1	chr13	0.453241881	+ T2D risk	Body
cg05616959	ERC2	chr3	0.453339707	- T2D risk	Body

cg05287944	PRKACB	chr1	0.45335178	- T2D risk	Body
cg01123126	AGPAT3	chr21	0.453518037	+ T2D risk	5'UTR
cg09397542	PHACTR1	chr6	0.453586894	- T2D risk	5'UTR
cg09041037	CLEC16A	chr16	0.453590858	- T2D risk	Body
cg25350411	PLAGL1	chr6	0.453658337	- T2D risk	5'UTR
cg10169887	PHF21A	chr11	0.453758224	- T2D risk	3'UTR
cg23030397	CHFR	chr12	0.45376305	+ T2D risk	3'UTR
cg12829831	TPCN1	chr12	0.45380164	- T2D risk	5'UTR
cg12510170	CUX1	chr7	0.45396691	- T2D risk	3'UTR
cg12510170	CUX1	chr7	0.45396691	- T2D risk	Body
cg09896544	MEIS2	chr15	0.454053886	+ T2D risk	Body
cg25531074	CLASP2	chr3	0.454137285	- T2D risk	Body
cg26743518	SSBP2	chr5	0.454311684	+ T2D risk	Body
cg16488105	FBXL2	chr3	0.454321491	- T2D risk	ExonBnd
cg16488105	FBXL2	chr3	0.454321491	- T2D risk	Body
cg22781236	UBL3	chr13	0.454354177	+ T2D risk	1stExon
cg22781236	UBL3	chr13	0.454354177	+ T2D risk	5'UTR
cg19341715	DIP2C	chr10	0.454360511	- T2D risk	Body
cg10568297	SLC29A4	chr7	0.45447283	- T2D risk	TSS1500
cg14204784	LMX1B	chr9	0.454586199	- T2D risk	Body
cg09616189	CNTNAP2	chr7	0.454674052	- T2D risk	Body
cg13971546	RANBP17	chr5	0.454756364	+ T2D risk	Body
cg03093944	RAP1GAP2	chr17	0.454784919	- T2D risk	Body
cg05005422	CUX1	chr7	0.455090729	+ T2D risk	Body
cg02833367	PTP4A2	chr1	0.455157899	+ T2D risk	5'UTR
cg20254168	NDUFB3	chr2	0.455173872	+ T2D risk	Body
cg01363095	DIP2C	chr10	0.455197421	+ T2D risk	Body
cg13650660	RHOQ	chr2	0.455302354	- T2D risk	Body
cg15636860	ARL15	chr5	0.455323028	+ T2D risk	Body
cg21297695	PRKAG2	chr7	0.455336241	- T2D risk	Body
cg01709568	APBA1	chr9	0.455341666	- T2D risk	5'UTR
cg21017748	FNIP2	chr4	0.4553878	- T2D risk	Body
cg00849183	SLIT3	chr5	0.455467342	- T2D risk	1stExon
cg00849183	SLIT3	chr5	0.455467342	- T2D risk	5'UTR
cg13859346	DIP2C	chr10	0.455553368	- T2D risk	Body
cg12783346	FBXO11	chr2	0.455631777	- T2D risk	5'UTR
cg19080559	PFKFB2	chr1	0.455646001	+ T2D risk	Body
cg18068637	SLIT3	chr5	0.455688072	- T2D risk	Body
cg05894754	UNC80	chr2	0.455710123	+ T2D risk	Body
cg25134747	SEMA3G	chr3	0.455711237	+ T2D risk	TSS1500
cg03807878	PRKCB	chr16	0.455729214	+ T2D risk	Body
ch.7.2186304R	CUX1	chr7	0.45573774	+ T2D risk	Body
cg02256034	NCOA2	chr8	0.455787827	- T2D risk	5'UTR
cg15581007	ARL15	chr5	0.455790632	- T2D risk	Body
cg09024023	PHF21A	chr11	0.455904163	- T2D risk	Body
cg23587257	MYO6	chr6	0.4559304	+ T2D risk	Body
cg16865970	PRKCE	chr2	0.456028987	+ T2D risk	Body
cg01753920	NGLY1	chr3	0.456036504	+ T2D risk	Body
cg15623573	APBA1	chr9	0.456090405	- T2D risk	TSS1500
cg14355023	CNTNAP2	chr7	0.456140065	- T2D risk	Body
cg02071811	ANK3	chr10	0.456170994	+ T2D risk	Body
cg04931788	RAP1GAP2	chr17	0.456263109	+ T2D risk	3'UTR
cg04761352	TAB2	chr6	0.456321236	- T2D risk	Body
cg02399469	USP29	chr19	0.456341666	+ T2D risk	TSS1500
cg03479012	ANKHD1	chr5	0.456417473	+ T2D risk	Body
cg07458272	KIAA0355	chr19	0.45650449	+ T2D risk	TSS1500
cg07102380	DIP2C	chr10	0.456516593	- T2D risk	Body
cg23716866	CLIC5	chr6	0.456661904	- T2D risk	TSS1500
cg07012178	PRKAG2	chr7	0.456691586	+ T2D risk	Body
cg26088614	ASXL2	chr2	0.456892616	- T2D risk	Body
cg04946603	DLL4	chr15	0.456936485	+ T2D risk	TSS200
cg02002807	BCAT1	chr12	0.457015843	+ T2D risk	Body
cg27291602	DIP2C	chr10	0.457121667	- T2D risk	Body
cg21232015	CHFR	chr12	0.457141236	- T2D risk	Body
cg06626556	ULK4	chr3	0.457187498	- T2D risk	3'UTR
cg20595215	LMCD1	chr3	0.457286355	+ T2D risk	TSS1500
cg26745402	DYNC111	chr7	0.457294719	- T2D risk	5'UTR
cg25097167	TENM2	chr5	0.457498114	- T2D risk	Body
cg05735395	CUX1	chr7	0.457551708	- T2D risk	Body
cg08507393	DNAH9	chr17	0.45762687	- T2D risk	Body

cg05845767	CDH22	chr20	0.45763671	+ T2D risk	5'UTR
cg25034557	PACS1	chr11	0.45767692	- T2D risk	Body
cg27186420	WWP2	chr16	0.45767836	- T2D risk	3'UTR
cg22323421	NCOA7	chr6	0.457685049	- T2D risk	Body
cg27274947	FBXL2	chr3	0.457814737	+ T2D risk	Body
cg04218418	DDHD2	chr8	0.457963242	+ T2D risk	TSS1500
cg04218418	DDHD2	chr8	0.457963242	+ T2D risk	TSS200
cg03643116	MAST1	chr19	0.458116438	+ T2D risk	Body
cg11988872	AGPAT3	chr21	0.458175748	+ T2D risk	5'UTR
cg13632208	ACSS2	chr20	0.458255959	+ T2D risk	Body
cg06918623	PRKAG2	chr7	0.458406641	+ T2D risk	Body
cg20789595	ADCY5	chr3	0.458459363	+ T2D risk	Body
cg12136731	PDE3A	chr12	0.458642152	+ T2D risk	Body
cg15912031	DIP2C	chr10	0.458673746	+ T2D risk	Body
cg12141724	RAP1GAP2	chr17	0.458971374	+ T2D risk	Body
cg02986924	RTN4	chr2	0.459087709	- T2D risk	3'UTR
cg17553760	PRKCB	chr16	0.459089727	+ T2D risk	Body
cg17230540	KCNJ18	chr17	0.459098779	+ T2D risk	TSS200
cg17230540	KCNJ12	chr17	0.459098779	+ T2D risk	5'UTR
cg22323716	RHBDD1	chr2	0.459157137	- T2D risk	Body
cg20972917	PRKAG2	chr7	0.459157247	+ T2D risk	TSS1500
cg20972917	PRKAG2	chr7	0.459157247	+ T2D risk	Body
cg22616512	CUX1	chr7	0.459186978	+ T2D risk	Body
cg05926955	ROBO2	chr3	0.459292955	- T2D risk	5'UTR
cg05926955	ROBO2	chr3	0.459292955	- T2D risk	Body
cg13607311	PLAGL1	chr6	0.459354856	+ T2D risk	3'UTR
cg15643574	PICALM	chr11	0.45939261	- T2D risk	Body
cg17984397	TAB2	chr6	0.459558753	- T2D risk	5'UTR
cg17984397	TAB2	chr6	0.459558753	- T2D risk	Body
cg17984397	TAB2	chr6	0.459558753	- T2D risk	1stExon
cg24556130	ASH1L	chr1	0.459559785	+ T2D risk	Body
cg07430325	CMTR1	chr6	0.459765502	- T2D risk	Body
cg24067911	ATXN1	chr6	0.459774896	+ T2D risk	5'UTR
cg08730885	CNTNAP2	chr7	0.459803966	+ T2D risk	Body
cg10881773	DYNC111	chr7	0.459848489	- T2D risk	3'UTR
cg13258535	ZHX2	chr8	0.459899918	- T2D risk	5'UTR
cg11905876	ITGA1	chr5	0.459915066	+ T2D risk	Body
cg13411037	ATP6V1H	chr8	0.45998041	- T2D risk	Body
cg03978682	ARL15	chr5	0.460033473	- T2D risk	Body
cg17280975	ZHX2	chr8	0.460065613	+ T2D risk	5'UTR
cg21660300	RNF217	chr6	0.460087345	+ T2D risk	TSS1500
cg06790566	CDH22	chr20	0.460088345	+ T2D risk	5'UTR
cg09330153	KIAA1217	chr10	0.460117626	+ T2D risk	TSS1500
cg01698343	ERC2	chr3	0.460125202	+ T2D risk	Body
cg24400939	CUX1	chr7	0.460182538	- T2D risk	3'UTR
cg24400939	CUX1	chr7	0.460182538	- T2D risk	Body
cg08461746	KCNIP3	chr2	0.460224037	+ T2D risk	Body
cg15331609	ATP8A2	chr13	0.46057867	- T2D risk	Body
cg07029759	ANK2	chr4	0.460719944	+ T2D risk	Body
cg17903450	SCGN	chr6	0.460721926	- T2D risk	TSS200
cg21617644	PPFIBP1	chr12	0.460742383	+ T2D risk	5'UTR
cg01956420	COL4A1	chr13	0.460781535	- T2D risk	TSS200
cg14958217	TOX3	chr16	0.460800738	+ T2D risk	1stExon
cg14958217	TOX3	chr16	0.460800738	+ T2D risk	5'UTR
cg14958217	TOX3	chr16	0.460800738	+ T2D risk	TSS1500
cg17861764	PICALM	chr11	0.460855364	+ T2D risk	Body
cg01026025	DENND4C	chr9	0.461044864	- T2D risk	Body
cg18359782	CUX1	chr7	0.46113651	+ T2D risk	Body
cg00071658	DACH1	chr13	0.461198609	+ T2D risk	Body
cg26405880	PRKAG2	chr7	0.461231503	- T2D risk	Body
cg24418589	TTC28	chr22	0.461341295	- T2D risk	Body
cg27424108	NCOA2	chr8	0.461349441	- T2D risk	5'UTR
cg26873115	CREBBP	chr16	0.461443437	- T2D risk	Body
cg07005078	LAP3	chr4	0.461700122	+ T2D risk	TSS1500
cg04723544	ACTN4	chr19	0.461713508	+ T2D risk	Body
cg22201778	CUX1	chr7	0.461740743	- T2D risk	TSS1500
cg22201778	CUX1	chr7	0.461740743	- T2D risk	TSS200
cg07325360	NGLY1	chr3	0.46178045	+ T2D risk	Body
cg04466134	RSF1	chr11	0.461788593	+ T2D risk	Body
cg06026769	PDE3A	chr12	0.461794548	- T2D risk	Body

cg07638320	CRYL1	chr13	0.461807816	- T2D risk	Body
cg10298313	PDE7A	chr8	0.461830743	+ T2D risk	Body
cg26247937	PRKCE	chr2	0.4618836	- T2D risk	Body
cg08341316	DKK2	chr4	0.461890328	- T2D risk	1stExon
cg08341316	DKK2	chr4	0.461890328	- T2D risk	5'UTR
cg19377719	TAB2	chr6	0.461920114	- T2D risk	Body
cg02218809	TMEM219	chr16	0.46192693	- T2D risk	TSS200
cg08935703	ATRNL1	chr10	0.461957668	+ T2D risk	Body
cg05381383	PPP1R12A	chr12	0.46223289	+ T2D risk	Body
cg05381383	PPP1R12A	chr12	0.46223289	+ T2D risk	TSS1500
cg05301102	STX6	chr1	0.462449682	- T2D risk	TSS200
cg02678496	PACS1	chr11	0.462492715	- T2D risk	Body
cg05481041	TSHZ1	chr18	0.462604431	+ T2D risk	TSS200
cg10699496	ADCY5	chr3	0.462677174	- T2D risk	Body
cg02197034	ITGA1	chr5	0.462749277	- T2D risk	Body
cg08975507	PRKCB	chr16	0.462839293	+ T2D risk	Body
cg04130572	JPH2	chr20	0.462915087	+ T2D risk	Body
cg04130572	JPH2	chr20	0.462915087	+ T2D risk	3'UTR
cg15994971	PRKCE	chr2	0.462940208	- T2D risk	Body
cg15630459	CPLX2	chr5	0.462974558	+ T2D risk	TSS1500
cg22637244	BCAT1	chr12	0.462983222	- T2D risk	Body
cg22637244	BCAT1	chr12	0.462983222	- T2D risk	TSS1500
cg18454630	POC1B	chr12	0.4632317	+ T2D risk	Body
cg01072202	RSF1	chr11	0.463253653	- T2D risk	Body
cg21085921	LAMA4	chr6	0.463310362	- T2D risk	Body
cg25131582	TSC22D1	chr13	0.463393415	- T2D risk	TSS1500
cg25131582	TSC22D1	chr13	0.463393415	- T2D risk	5'UTR
cg25131582	TSC22D1	chr13	0.463393415	- T2D risk	Body
cg17409514	GLG1	chr16	0.463403764	- T2D risk	Body
cg09449988	PRKAG2	chr7	0.463928366	+ T2D risk	Body
cg07661636	APC	chr5	0.463955233	+ T2D risk	TSS1500
cg14455196	LAMA4	chr6	0.463957434	- T2D risk	Body
cg26612230	PDLIM5	chr4	0.464039396	+ T2D risk	3'UTR
cg26612230	PDLIM5	chr4	0.464039396	+ T2D risk	Body
cg11877325	KIAA1217	chr10	0.464045505	- T2D risk	Body
cg17170812	TENM2	chr5	0.464098805	+ T2D risk	Body
cg17964750	TENM2	chr5	0.464147698	+ T2D risk	Body
cg15301006	CPLX2	chr5	0.464221257	+ T2D risk	5'UTR
cg12093930	IMPA1	chr8	0.464268847	- T2D risk	TSS200
cg24756864	NPEPPS	chr17	0.464302942	+ T2D risk	Body
cg13603028	CHKA	chr11	0.464327904	- T2D risk	Body
cg19846314	GAD1	chr2	0.464446781	+ T2D risk	Body
cg12105873	MEIS2	chr15	0.464478046	+ T2D risk	Body
cg01830256	PACS2	chr14	0.464588593	- T2D risk	3'UTR
cg13443733	RAP1GAP2	chr17	0.464594159	+ T2D risk	TSS200
cg12158124	INPP4A	chr2	0.464606321	+ T2D risk	5'UTR
cg19465823	ASH1L	chr1	0.464644857	+ T2D risk	ExonBnd
cg19465823	ASH1L	chr1	0.464644857	+ T2D risk	Body
cg02826729	SSB	chr2	0.464815706	+ T2D risk	Body
cg04888638	CRYL1	chr13	0.464923429	- T2D risk	TSS1500
cg15788533	UXS1	chr2	0.465000268	- T2D risk	Body
cg13801307	DIP2C	chr10	0.465006379	+ T2D risk	Body
cg14511575	RAP2A	chr13	0.465024778	- T2D risk	Body
cg22650104	FAM155B	chrX	0.465120909	- T2D risk	Body
cg11535486	MMS19	chr10	0.46519007	+ T2D risk	TSS200
cg16697996	ERC2	chr3	0.465284761	- T2D risk	3'UTR
cg24016360	PACS2	chr14	0.465304342	+ T2D risk	Body
cg22471931	WWP2	chr16	0.46536224	+ T2D risk	TSS200
cg22471931	WWP2	chr16	0.46536224	+ T2D risk	Body
cg27056599	KCNJ12	chr17	0.465382093	- T2D risk	TSS200
cg14023804	ARID2	chr12	0.465422914	- T2D risk	Body
cg14023804	ARID2	chr12	0.465422914	- T2D risk	ExonBnd
cg25786436	PRKAG2	chr7	0.465430283	- T2D risk	5'UTR
cg25786436	PRKAG2	chr7	0.465430283	- T2D risk	1stExon
cg05549834	DIP2C	chr10	0.465449283	+ T2D risk	Body
cg10949072	FAM160A1	chr4	0.465489551	- T2D risk	Body
cg15155559	ULK4	chr3	0.465701394	- T2D risk	Body
cg17352023	CUX2	chr12	0.465798978	- T2D risk	Body
cg18671654	NCOA2	chr8	0.46581486	+ T2D risk	Body
cg19637634	MEIS2	chr15	0.465884908	+ T2D risk	Body

cg23160224	SLIT3	chr5	0.465968536	- T2D risk	Body
cg18523183	SPAG9	chr17	0.465984963	- T2D risk	Body
cg16391727	PRKAG2	chr7	0.465988809	- T2D risk	Body
cg23392763	ATP2B1	chr12	0.4661618	- T2D risk	Body
cg23686983	CUX1	chr7	0.466267637	+ T2D risk	Body
cg15979225	ACSS2	chr20	0.466329508	+ T2D risk	Body
cg06674286	PTP4A2	chr1	0.46635644	- T2D risk	5'UTR
cg06674286	PTP4A2	chr1	0.46635644	- T2D risk	1stExon
cg04223924	TMEM131	chr2	0.466371464	- T2D risk	Body
cg02947996	CPLX2	chr5	0.466499901	- T2D risk	5'UTR
cg07795968	JPH2	chr20	0.466561313	+ T2D risk	TSS1500
cg10078482	ST6GAL1	chr3	0.466566642	- T2D risk	Body
cg10078482	ST6GAL1	chr3	0.466566642	- T2D risk	5'UTR
cg01498219	GNA12	chr7	0.466587033	- T2D risk	Body
cg05567269	TJP1	chr15	0.466655006	- T2D risk	Body
cg00761363	EVI5	chr1	0.466705738	+ T2D risk	Body
cg12867150	PTPRU	chr1	0.466736087	+ T2D risk	Body
cg06097537	NCOA7	chr6	0.466926765	+ T2D risk	Body
cg11799301	ATP8A2	chr13	0.466938897	- T2D risk	Body
cg26726310	ASXL2	chr2	0.466982408	+ T2D risk	Body
cg13057030	CUX2	chr12	0.467093397	+ T2D risk	Body
cg18874483	DIP2C	chr10	0.467150046	- T2D risk	Body
cg09132185	KIAA1217	chr10	0.467505499	- T2D risk	5'UTR
cg14822228	PACS1	chr11	0.467580262	+ T2D risk	Body
cg09688713	ASH1L	chr1	0.467582218	+ T2D risk	ExonBnd
cg09688713	ASH1L	chr1	0.467582218	+ T2D risk	Body
cg18120999	TENM2	chr5	0.468252743	+ T2D risk	Body
cg10587299	NUP98	chr11	0.468571161	+ T2D risk	Body
cg03769116	KIAA0355	chr19	0.468581156	+ T2D risk	Body
cg15795705	SLIT3	chr5	0.468682944	+ T2D risk	Body
cg07956003	DYNC111	chr7	0.468862659	+ T2D risk	5'UTR
cg14591730	PACS1	chr11	0.468961978	- T2D risk	Body
cg16395205	CREBBP	chr16	0.469329626	+ T2D risk	Body
cg26311782	DIP2C	chr10	0.469383	+ T2D risk	Body
cg13370754	SSBP2	chr5	0.46953302	+ T2D risk	Body
cg02544394	PRKCE	chr2	0.469540132	+ T2D risk	TSS1500
cg19900501	KIAA0355	chr19	0.469658076	+ T2D risk	TSS1500
cg08774817	CNTNAP2	chr7	0.469737751	- T2D risk	Body
cg14999189	RAP1GAP2	chr17	0.469947716	+ T2D risk	Body
cg00038681	ROBO2	chr3	0.469957608	+ T2D risk	5'UTR
cg00038681	ROBO2	chr3	0.469957608	+ T2D risk	Body
cg06067493	ATP6V1H	chr8	0.470063202	- T2D risk	5'UTR
cg06067493	ATP6V1H	chr8	0.470063202	- T2D risk	TSS200
cg06067493	ATP6V1H	chr8	0.470063202	- T2D risk	1stExon
cg27395226	SRPK2	chr7	0.470111974	- T2D risk	Body
cg23344412	SUB1	chr5	0.470121519	- T2D risk	3'UTR
cg15769565	FNIP2	chr4	0.470157821	+ T2D risk	Body
cg19457556	ANK3	chr10	0.470224202	+ T2D risk	TSS1500
cg06640374	PFKFB2	chr1	0.470225906	+ T2D risk	Body
cg06640374	PFKFB2	chr1	0.470225906	+ T2D risk	3'UTR
cg07814338	KIAA0355	chr19	0.470273031	- T2D risk	5'UTR
cg01494454	BCAT1	chr12	0.470430502	- T2D risk	Body
cg17510725	PRKACB	chr1	0.470486539	- T2D risk	Body
cg17510725	PRKACB	chr1	0.470486539	- T2D risk	TSS1500
cg13588073	PRKAG2	chr7	0.470553709	+ T2D risk	TSS1500
cg13588073	PRKAG2	chr7	0.470553709	+ T2D risk	Body
cg04946715	SSB	chr2	0.470648675	- T2D risk	5'UTR
cg11588566	DIP2C	chr10	0.470741812	+ T2D risk	Body
cg24437943	DNAJC13	chr3	0.470789593	+ T2D risk	5'UTR
cg24346177	SEZ6L	chr22	0.470816347	+ T2D risk	Body
cg17767263	TJP1	chr15	0.47091715	- T2D risk	Body
cg17521327	LAP3	chr4	0.47097975	- T2D risk	TSS1500
cg15941945	KCNJ12	chr17	0.471033039	+ T2D risk	Body
cg12400336	TJP1	chr15	0.471089092	+ T2D risk	TSS200
cg15605257	SRPK2	chr7	0.471127317	- T2D risk	Body
cg22526226	ARID2	chr12	0.4711308	+ T2D risk	Body
cg17752374	NCOR1	chr17	0.471171144	- T2D risk	Body
cg26700932	MGRN1	chr16	0.471186169	+ T2D risk	Body
cg25149423	CLEC16A	chr16	0.47121926	- T2D risk	Body
cg12778065	COL4A1	chr13	0.471352659	+ T2D risk	Body

cg08256027	<i>PLAGL1</i>	chr6	0.471438678	- T2D risk	5'UTR
cg14621885	<i>UBE2K</i>	chr4	0.471506269	- T2D risk	Body
cg07279321	<i>PHACTR1</i>	chr6	0.471753388	- T2D risk	TSS200
cg08602281	<i>NUP98</i>	chr11	0.471769642	+ T2D risk	Body
cg11415826	<i>ANK3</i>	chr10	0.471813236	+ T2D risk	Body
cg05557932	<i>CREBBP</i>	chr16	0.471954419	- T2D risk	Body
cg12402064	<i>MAN1A1</i>	chr6	0.471969821	+ T2D risk	Body
cg27428799	<i>ANKHD1</i>	chr5	0.472047069	- T2D risk	Body
cg12864601	<i>CADM1</i>	chr11	0.472063788	- T2D risk	Body
cg16908223	<i>PTPRU</i>	chr1	0.472292124	- T2D risk	Body
cg11076544	<i>MGRN1</i>	chr16	0.472433332	+ T2D risk	Body
cg05324894	<i>PACS2</i>	chr14	0.472475353	- T2D risk	Body
cg07051110	<i>PRKCB</i>	chr16	0.472513682	- T2D risk	Body
cg14889690	<i>DNAJC1</i>	chr10	0.472684321	- T2D risk	Body
cg24687579	<i>CUX1</i>	chr7	0.472780647	- T2D risk	Body
cg17613241	<i>TENM2</i>	chr5	0.472811125	- T2D risk	Body
cg17534070	<i>SLIT3</i>	chr5	0.472953619	+ T2D risk	Body
cg11890278	<i>NOL4</i>	chr18	0.473090676	+ T2D risk	5'UTR
cg11890278	<i>NOL4</i>	chr18	0.473090676	+ T2D risk	Body
cg00844078	<i>ASXL2</i>	chr2	0.473132191	+ T2D risk	Body
cg15977864	<i>BCAT1</i>	chr12	0.473178886	- T2D risk	Body
cg12949530	<i>DIP2C</i>	chr10	0.473327499	+ T2D risk	Body
cg08035942	<i>TSHZ1</i>	chr18	0.473338493	- T2D risk	TSS1500
cg16585570	<i>SSBP2</i>	chr5	0.473387527	+ T2D risk	Body
cg12368246	<i>PLAGL1</i>	chr6	0.473459426	+ T2D risk	5'UTR
cg03106584	<i>ATP6V1A</i>	chr3	0.473491602	- T2D risk	Body
cg14336545	<i>ATP8A2</i>	chr13	0.473513202	- T2D risk	ExonBnd
cg14336545	<i>ATP8A2</i>	chr13	0.473513202	- T2D risk	Body
cg04232541	<i>PLAGL1</i>	chr6	0.473785447	- T2D risk	5'UTR
cg13302994	<i>UNC80</i>	chr2	0.473816818	+ T2D risk	Body
cg19952762	<i>KDR</i>	chr4	0.47385862	- T2D risk	3'UTR
cg11591441	<i>SKAP1</i>	chr17	0.473876146	- T2D risk	Body
cg13246407	<i>SNX4</i>	chr3	0.473951327	- T2D risk	Body
cg11198912	<i>DIP2C</i>	chr10	0.473954394	- T2D risk	Body
cg24482293	<i>RHOQ</i>	chr2	0.473966459	+ T2D risk	ExonBnd
cg24482293	<i>RHOQ</i>	chr2	0.473966459	+ T2D risk	Body
cg02642914	<i>CADM1</i>	chr11	0.474067115	- T2D risk	Body
cg08645720	<i>LCA5</i>	chr6	0.474068171	- T2D risk	TSS200
cg15208525	<i>CNTNAP2</i>	chr7	0.474098858	- T2D risk	Body
cg05869122	<i>ITPKB</i>	chr1	0.47434092	- T2D risk	TSS200
cg15323881	<i>YWHAQ</i>	chr2	0.474479416	- T2D risk	Body
cg08724310	<i>BCAT1</i>	chr12	0.474539504	+ T2D risk	Body
cg01088474	<i>NCOA2</i>	chr8	0.474551262	+ T2D risk	5'UTR
cg20091786	<i>PRKAG2</i>	chr7	0.474588678	- T2D risk	Body
cg07778064	<i>ASXL2</i>	chr2	0.47493927	+ T2D risk	Body
cg17790273	<i>SPAG9</i>	chr17	0.475187397	- T2D risk	3'UTR
cg10043753	<i>CADM1</i>	chr11	0.475354999	+ T2D risk	Body
cg08738901	<i>LAMA4</i>	chr6	0.475395628	+ T2D risk	Body
cg02386665	<i>ARL15</i>	chr5	0.475397015	- T2D risk	Body
cg23419050	<i>NOL4</i>	chr18	0.475460642	- T2D risk	Body
cg23419050	<i>NOL4</i>	chr18	0.475460642	- T2D risk	TSS200
cg27058898	<i>ASXL2</i>	chr2	0.475482667	+ T2D risk	Body
cg25242003	<i>ANKHD1</i>	chr5	0.475483046	- T2D risk	TSS1500
cg24347998	<i>WWP2</i>	chr16	0.475601414	+ T2D risk	Body
cg09949366	<i>PHACTR1</i>	chr6	0.475709605	+ T2D risk	Body
cg20073327	<i>KIAA0355</i>	chr19	0.475771479	+ T2D risk	Body
cg07411420	<i>ERC2</i>	chr3	0.475826239	- T2D risk	5'UTR
cg02374934	<i>DLL4</i>	chr15	0.475849414	+ T2D risk	Body
cg02521050	<i>AGPAT3</i>	chr21	0.475948844	+ T2D risk	5'UTR
cg06222774	<i>PDE7A</i>	chr8	0.475972453	- T2D risk	Body
cg18735405	<i>TENM2</i>	chr5	0.476021383	+ T2D risk	Body
cg14275148	<i>FBXO11</i>	chr2	0.476050612	- T2D risk	Body
cg20222988	<i>TENM2</i>	chr5	0.476054754	+ T2D risk	Body
cg15922394	<i>NF1</i>	chr17	0.476144608	+ T2D risk	TSS1500
cg05273887	<i>KREMEN1</i>	chr22	0.476148592	- T2D risk	Body
cg08322834	<i>PRKCB</i>	chr16	0.476183379	+ T2D risk	Body
cg24368203	<i>ROBO2</i>	chr3	0.476196995	+ T2D risk	Body
cg18598642	<i>FAM160A1</i>	chr4	0.476296708	- T2D risk	Body
cg17187023	<i>SKAP1</i>	chr17	0.476364086	- T2D risk	Body
cg21536815	<i>FBXO11</i>	chr2	0.476395178	+ T2D risk	5'UTR

cg00496868	ACTN4	chr19	0.476416735	- T2D risk	Body
cg26878006	ANK3	chr10	0.476573519	- T2D risk	Body
cg20855617	CNTNAP2	chr7	0.476604855	+ T2D risk	Body
cg24203529	ASXL2	chr2	0.476617887	- T2D risk	Body
cg06428023	ROBO2	chr3	0.476749717	- T2D risk	5'UTR
cg06428023	ROBO2	chr3	0.476749717	- T2D risk	Body
cg19798199	DDHD2	chr8	0.476799246	- T2D risk	5'UTR
cg19798199	DDHD2	chr8	0.476799246	- T2D risk	ExonBnd
cg18669040	FBXL2	chr3	0.476989566	+ T2D risk	Body
cg16468910	SNX4	chr3	0.477039817	- T2D risk	Body
cg08037152	PRKAG2	chr7	0.477215958	+ T2D risk	Body
cg13599258	CUX2	chr12	0.477324493	+ T2D risk	Body
cg04743919	PPP1R12A	chr12	0.477338973	- T2D risk	Body
cg07311379	IFT74	chr9	0.477397283	+ T2D risk	Body
cg12724384	NCOA2	chr8	0.477517201	- T2D risk	5'UTR
cg14005211	GAD1	chr2	0.47773557	- T2D risk	Body
cg01278113	RHBDD1	chr2	0.477752647	+ T2D risk	Body
cg11245088	PPFIBP1	chr12	0.477823199	+ T2D risk	5'UTR
cg17482114	ADCY5	chr3	0.477866212	- T2D risk	Body
cg22444124	ITPKB	chr1	0.47787263	+ T2D risk	Body
cg04704169	USP29	chr19	0.47795808	- T2D risk	TSS1500
cg04914625	PHACTR1	chr6	0.47801462	- T2D risk	Body
cg02714148	ANK2	chr4	0.478135033	- T2D risk	5'UTR
cg08642613	CPLX2	chr5	0.478155584	+ T2D risk	TSS1500
cg17480466	RGS7	chr1	0.478233229	- T2D risk	Body
cg09043188	PI15	chr8	0.478286157	- T2D risk	3'UTR
cg02233614	PFKFB2	chr1	0.478416364	- T2D risk	5'UTR
cg04101351	PDE3A	chr12	0.478442552	+ T2D risk	1stExon
cg00819417	NF1	chr17	0.478512061	- T2D risk	Body
cg24289219	JPH2	chr20	0.478609813	- T2D risk	Body
cg26669438	EFR3A	chr8	0.47862193	- T2D risk	Body
cg25441591	PHF21A	chr11	0.478655986	- T2D risk	5'UTR
cg05817845	JPH2	chr20	0.478857931	+ T2D risk	TSS200
cg09659208	DIP2C	chr10	0.47886494	+ T2D risk	Body
cg00134028	WIZ	chr19	0.478886871	- T2D risk	Body
cg24863347	MET	chr7	0.478979374	- T2D risk	Body
cg07702255	PHF21A	chr11	0.479311326	+ T2D risk	TSS1500
cg14754741	PTPRU	chr1	0.479348171	+ T2D risk	Body
cg12643226	NGF	chr1	0.479398203	+ T2D risk	Body
cg20538812	NCOR1	chr17	0.479431677	+ T2D risk	Body
cg15981799	JPH2	chr20	0.479599168	- T2D risk	Body
cg08736034	CDH22	chr20	0.479688001	- T2D risk	Body
cg07363112	SNX4	chr3	0.479744182	- T2D risk	TSS1500
cg00115714	AMD1	chr6	0.479782308	- T2D risk	5'UTR
cg00115714	AMD1	chr6	0.479782308	- T2D risk	1stExon
cg19596493	PTP4A2	chr1	0.4798067	- T2D risk	TSS200
cg19040173	TANC2	chr17	0.479818113	- T2D risk	Body
cg10997326	CPLX2	chr5	0.47993044	+ T2D risk	5'UTR
cg02423030	MAST1	chr19	0.479999564	+ T2D risk	Body
cg26377120	GNA12	chr7	0.480150986	+ T2D risk	Body
cg25823979	DYNC111	chr7	0.48033484	- T2D risk	5'UTR
cg18094610	GAD1	chr2	0.480394972	+ T2D risk	TSS1500
cg13605034	CDH22	chr20	0.480432993	- T2D risk	Body
cg22477590	EFCAB14	chr1	0.480461911	- T2D risk	Body
cg11007423	SPPL2A	chr15	0.480479859	+ T2D risk	TSS1500
cg13305444	ENAH	chr1	0.480489321	- T2D risk	Body
cg13235721	CUX1	chr7	0.480504065	- T2D risk	Body
cg12482300	ITPKB	chr1	0.480509497	+ T2D risk	Body
cg09373727	PTP4A2	chr1	0.480524235	- T2D risk	TSS1500
cg04825291	ENAH	chr1	0.480540907	- T2D risk	Body
cg22328512	CALD1	chr7	0.480625202	+ T2D risk	Body
cg07636973	KIAA1217	chr10	0.480661911	- T2D risk	Body
cg02601188	CPLX2	chr5	0.480766615	+ T2D risk	5'UTR
cg14853946	KIAA0232	chr4	0.480929206	- T2D risk	3'UTR
cg08095278	ASH1L	chr1	0.481009802	- T2D risk	TSS1500
cg00540828	CUX1	chr7	0.481064079	- T2D risk	Body
cg00320534	DNAJC1	chr10	0.481113451	+ T2D risk	Body
cg19860734	PACRG	chr6	0.481242685	+ T2D risk	Body
cg03954279	ERC2	chr3	0.481266444	+ T2D risk	Body
cg23755860	KIAA1217	chr10	0.481498479	+ T2D risk	Body

cg02804067	ST8SIA1	chr12	0.481499698	- T2D risk	Body
cg23138179	PDE5A	chr4	0.481538112	- T2D risk	Body
cg23138179	PDE5A	chr4	0.481538112	- T2D risk	5'UTR
cg10821320	KDM4B	chr19	0.481547065	- T2D risk	Body
cg26784952	DACH1	chr13	0.481552464	- T2D risk	TSS1500
cg03568236	PRKCE	chr2	0.481557395	- T2D risk	Body
cg23145714	ATXN1	chr6	0.481603885	- T2D risk	5'UTR
cg11060759	PTPRU	chr1	0.481720045	- T2D risk	Body
cg11120971	CUX1	chr7	0.481842261	- T2D risk	Body
cg05054124	ATP6V1H	chr8	0.481985785	- T2D risk	Body
cg19191984	PDE5A	chr4	0.482039469	- T2D risk	1stExon
cg19191984	PDE5A	chr4	0.482039469	- T2D risk	TSS1500
cg16339924	LAP3	chr4	0.482146806	+ T2D risk	TSS200
cg12525330	DIP2C	chr10	0.48235384	+ T2D risk	Body
cg01247223	CHID1	chr11	0.482376275	+ T2D risk	Body
cg27303655	PRKAG2	chr7	0.482437968	+ T2D risk	Body
cg11619922	GRK5	chr10	0.482651041	+ T2D risk	Body
cg25262999	MET	chr7	0.48285723	- T2D risk	3'UTR
cg14027376	GGPS1	chr1	0.482997431	- T2D risk	TSS1500
cg06192755	ERC2	chr3	0.483008718	- T2D risk	Body
cg11312674	GRK5	chr10	0.483110364	- T2D risk	Body
cg10189247	TTC28	chr22	0.483219646	+ T2D risk	Body
cg23290664	TSHZ1	chr18	0.483240322	+ T2D risk	Body
cg20060396	SCGN	chr6	0.483440744	+ T2D risk	Body
cg02507604	CHFR	chr12	0.483509011	+ T2D risk	3'UTR
cg16081609	DNAJC1	chr10	0.483509501	- T2D risk	Body
cg13742512	CUX2	chr12	0.48357013	- T2D risk	Body
cg21983048	ASH1L	chr1	0.483595633	- T2D risk	Body
cg08900316	PRKCE	chr2	0.483647337	+ T2D risk	Body
cg20755612	ANK3	chr10	0.483874645	- T2D risk	Body
cg05291207	NOL4	chr18	0.48396994	- T2D risk	Body
cg09635232	ENAH	chr1	0.484047627	+ T2D risk	1stExon
cg09635232	ENAH	chr1	0.484047627	+ T2D risk	5'UTR
cg06806958	KIAA1217	chr10	0.48410351	- T2D risk	1stExon
cg06806958	KIAA1217	chr10	0.48410351	- T2D risk	5'UTR
cg14466661	DIP2C	chr10	0.484163297	+ T2D risk	Body
cg19017135	CDH22	chr20	0.484258304	+ T2D risk	5'UTR
cg19643252	PRKAG2	chr7	0.484634608	- T2D risk	Body
cg06675341	PRMT3	chr11	0.484667901	+ T2D risk	TSS1500
cg07281938	WWP2	chr16	0.484719593	- T2D risk	Body
cg10041241	NOL4	chr18	0.484766508	- T2D risk	5'UTR
cg10041241	NOL4	chr18	0.484766508	- T2D risk	Body
cg15868287	JPH2	chr20	0.484770915	+ T2D risk	Body
cg17103171	TOX3	chr16	0.484795868	- T2D risk	1stExon
cg17103171	TOX3	chr16	0.484795868	- T2D risk	5'UTR
cg22909759	PLEKHG3	chr14	0.484864761	+ T2D risk	5'UTR
cg03494277	CUX1	chr7	0.485071038	- T2D risk	Body
cg22527533	RCAN2	chr6	0.485079937	+ T2D risk	Body
cg09185679	YWHAQ	chr2	0.485320727	- T2D risk	TSS1500
cg06478249	ST6GAL1	chr3	0.485453654	+ T2D risk	5'UTR
cg19686983	PHACTR1	chr6	0.485506116	+ T2D risk	Body
cg20007596	PTP4A2	chr1	0.485673259	+ T2D risk	5'UTR
cg21043716	RGS7	chr1	0.485849136	+ T2D risk	Body
cg09591921	PRKCB	chr16	0.485903194	- T2D risk	Body
cg25728723	NUP98	chr11	0.485906907	+ T2D risk	5'UTR
cg25728723	NUP98	chr11	0.485906907	+ T2D risk	1stExon
cg07108648	ANK3	chr10	0.486003106	- T2D risk	TSS1500
cg15385768	MYO6	chr6	0.486042852	- T2D risk	5'UTR
cg18553223	RAP1GAP2	chr17	0.486050153	+ T2D risk	TSS1500
cg00788156	LYVE1	chr11	0.486061205	- T2D risk	TSS200
cg06805236	CUX2	chr12	0.48610137	- T2D risk	Body
cg00426517	PDLIM5	chr4	0.48610437	- T2D risk	TSS200
cg13276501	RSF1	chr11	0.486134583	- T2D risk	Body
cg15151052	PTPRU	chr1	0.486158077	+ T2D risk	Body
cg04352958	ANK3	chr10	0.486310975	- T2D risk	Body
cg19056691	CUX2	chr12	0.486406595	- T2D risk	Body
cg13962718	ITPKB	chr1	0.486529203	+ T2D risk	Body
cg23336105	NCOA2	chr8	0.486534367	- T2D risk	Body
cg02214153	RAP1GAP2	chr17	0.486589639	+ T2D risk	Body
cg27315279	GRK5	chr10	0.486782102	+ T2D risk	TSS1500

cg10532246	LMCD1	chr3	0.486844612	- T2D risk	TSS1500
cg07629149	DIP2C	chr10	0.486966838	+ T2D risk	Body
cg05457620	SLIT3	chr5	0.487027899	- T2D risk	Body
cg07104163	TAZ	chrX	0.487033836	- T2D risk	Body
cg21231909	SPAG9	chr17	0.487077186	- T2D risk	Body
cg18633230	PRKAG2	chr7	0.487081639	+ T2D risk	Body
cg00005112	WWP2	chr16	0.487158187	- T2D risk	TSS200
cg00005112	WWP2	chr16	0.487158187	- T2D risk	Body
cg22444720	NCOA7	chr6	0.487166862	+ T2D risk	Body
cg24663467	ANK2	chr4	0.48721183	- T2D risk	Body
cg24887139	CNTNAP2	chr7	0.487321567	+ T2D risk	5'UTR
cg24887139	CNTNAP2	chr7	0.487321567	+ T2D risk	1stExon
cg16395614	GRK5	chr10	0.487517051	+ T2D risk	Body
cg00315606	HNRNPA2B1	chr7	0.487576784	+ T2D risk	Body
cg06354075	NUP98	chr11	0.487577055	- T2D risk	Body
cg26884345	WWP2	chr16	0.487986211	- T2D risk	Body
cg01112236	PDE5A	chr4	0.48801056	- T2D risk	Body
cg01434465	TENM2	chr5	0.488123969	+ T2D risk	Body
cg01744651	CUX1	chr7	0.488147517	- T2D risk	3'UTR
cg01744651	CUX1	chr7	0.488147517	- T2D risk	Body
cg11756387	PTP4A2	chr1	0.488157213	+ T2D risk	5'UTR
cg10845232	PHACTR1	chr6	0.488278101	+ T2D risk	Body
cg23602489	CUX1	chr7	0.488306243	- T2D risk	Body
cg10132858	RNF217	chr6	0.488363108	- T2D risk	Body
cg23735442	SMG7	chr1	0.488462082	- T2D risk	TSS1500
cg23956091	CADM1	chr11	0.488491864	- T2D risk	3'UTR
cg23924082	SGSM2	chr17	0.48849804	- T2D risk	Body
cg10211016	ST6GAL1	chr3	0.488577181	+ T2D risk	5'UTR
cg14698782	KCNIP3	chr2	0.488722707	- T2D risk	Body
cg13702235	FNIP2	chr4	0.488852956	- T2D risk	TSS1500
cg23239842	NCOA2	chr8	0.488882495	+ T2D risk	5'UTR
cg23239842	NCOA2	chr8	0.488882495	+ T2D risk	1stExon
cg19110355	WWP2	chr16	0.488952818	- T2D risk	5'UTR
cg18964988	CUX2	chr12	0.489073998	- T2D risk	TSS1500
cg16207991	PHACTR1	chr6	0.489144849	+ T2D risk	Body
cg05709720	NF1	chr17	0.489274147	+ T2D risk	Body
cg20834627	ITPKB	chr1	0.489300954	+ T2D risk	Body
cg03424182	APBA1	chr9	0.489489747	+ T2D risk	Body
cg07954671	CADM1	chr11	0.489634455	- T2D risk	Body
cg08342771	SPOCK1	chr5	0.489754669	+ T2D risk	Body
cg08917023	CREBBP	chr16	0.489802468	+ T2D risk	Body
cg03871180	NPAT	chr11	0.489813169	- T2D risk	Body
cg06835509	PRKCB	chr16	0.489873834	- T2D risk	Body
cg15574108	PDLIM5	chr4	0.489878366	+ T2D risk	5'UTR
cg15574108	PDLIM5	chr4	0.489878366	+ T2D risk	Body
cg05316650	GNA12	chr7	0.489923706	- T2D risk	Body
cg26604311	ITPKB	chr1	0.489934722	- T2D risk	Body
cg04576426	CUL1	chr7	0.490034687	+ T2D risk	Body
cg17416146	EIF4EBP3	chr5	0.490083878	- T2D risk	TSS200
cg19902173	DIP2C	chr10	0.490136451	- T2D risk	Body
cg03772219	CNTNAP2	chr7	0.49021574	+ T2D risk	Body
cg04096435	AMD1	chr6	0.490264479	- T2D risk	TSS1500
cg03291835	COL4A1	chr13	0.490396492	+ T2D risk	Body
cg06902358	PRKAG2	chr7	0.490481222	- T2D risk	Body
cg26432058	NF1	chr17	0.490642417	+ T2D risk	Body
cg22734236	FAM160A1	chr4	0.490754417	+ T2D risk	5'UTR
cg25049299	PTPRU	chr1	0.490786511	- T2D risk	Body
cg09844001	SLIT3	chr5	0.490854857	+ T2D risk	Body
cg17282085	ROBO2	chr3	0.491007321	- T2D risk	Body
cg14005725	SH3GL2	chr9	0.491007408	+ T2D risk	Body
cg16315116	ST6GAL1	chr3	0.491076265	+ T2D risk	5'UTR
cg11553245	SLC7A2	chr8	0.491113237	- T2D risk	5'UTR
cg06104935	CUX1	chr7	0.491213272	+ T2D risk	Body
cg02869163	AGPAT3	chr21	0.491310602	- T2D risk	5'UTR
cg22813220	TMEM59	chr1	0.491435407	- T2D risk	TSS200
cg14820356	PRKCE	chr2	0.491574492	- T2D risk	Body
cg16831612	ADCY5	chr3	0.491606796	+ T2D risk	Body
cg01366698	RHOA	chr3	0.49168485	- T2D risk	3'UTR
cg16405211	CNTNAP2	chr7	0.491740249	- T2D risk	Body
cg10515766	CLOCK	chr4	0.491752259	+ T2D risk	Body

cg27405731	CUX1	chr7	0.491838423	+ T2D risk	Body
cg24487076	KIAA1217	chr10	0.491875776	- T2D risk	TSS200
cg14980255	MEIS2	chr15	0.491977881	- T2D risk	Body
cg05379312	ATP2B1	chr12	0.492010535	- T2D risk	Body
cg15939539	ANK2	chr4	0.492070698	- T2D risk	Body
cg01999914	NUP98	chr11	0.492131729	- T2D risk	Body
cg14550163	CUX2	chr12	0.492205816	- T2D risk	Body
cg27033190	HMBOX1	chr8	0.492205926	+ T2D risk	TSS1500
cg13312403	NCOA2	chr8	0.49223632	+ T2D risk	5'UTR
cg07499372	USP29	chr19	0.492290751	- T2D risk	TSS1500
cg03459202	DIP2C	chr10	0.492323271	+ T2D risk	Body
cg18316621	PLAGL1	chr6	0.492329924	- T2D risk	5'UTR
cg15784881	CREBBP	chr16	0.492524585	- T2D risk	Body
cg12063688	PLEKHG3	chr14	0.492656098	+ T2D risk	5'UTR
cg09740815	CREBBP	chr16	0.4926868	- T2D risk	Body
cg07168181	GNA12	chr7	0.492879354	- T2D risk	TSS200
cg06890870	SEMA3G	chr3	0.492924953	+ T2D risk	3'UTR
cg07392884	LAMA4	chr6	0.493093564	- T2D risk	Body
cg11863954	CUX2	chr12	0.493107373	- T2D risk	Body
cg05569793	MEIS2	chr15	0.493118531	+ T2D risk	Body
cg20895389	RSF1	chr11	0.493147703	- T2D risk	TSS200
cg02862153	CUX1	chr7	0.493163385	- T2D risk	TSS1500
cg02862153	CUX1	chr7	0.493163385	- T2D risk	Body
cg02937158	DDC	chr7	0.49340268	+ T2D risk	TSS1500
cg02937158	DDC	chr7	0.49340268	+ T2D risk	5'UTR
cg04687318	PRKAG2	chr7	0.4935014	+ T2D risk	Body
cg19068421	WDR48	chr3	0.493534165	+ T2D risk	Body
cg14571344	CRYL1	chr13	0.493867433	+ T2D risk	Body
cg12796844	PACRG	chr6	0.494100162	+ T2D risk	Body
cg26514816	ATRN	chr20	0.494104047	- T2D risk	Body
cg21857945	FLT1	chr13	0.49421956	+ T2D risk	Body
cg26673980	PRKAG2	chr7	0.494229913	- T2D risk	5'UTR
cg26673980	PRKAG2	chr7	0.494229913	- T2D risk	Body
cg11813690	CUX2	chr12	0.494236435	- T2D risk	Body
cg14647131	ANK3	chr10	0.494276437	- T2D risk	1stExon
cg14647131	ANK3	chr10	0.494276437	- T2D risk	5'UTR
cg14647131	ANK3	chr10	0.494276437	- T2D risk	Body
cg02902800	KIAA0232	chr4	0.494320051	+ T2D risk	TSS1500
cg23735092	RAP1GAP2	chr17	0.494351042	+ T2D risk	Body
cg12322190	TMEM131	chr2	0.494419515	+ T2D risk	Body
cg23832749	RET	chr10	0.494495036	+ T2D risk	Body
cg05484691	DIP2C	chr10	0.494495752	- T2D risk	3'UTR
cg19139618	SKAP1	chr17	0.494500531	- T2D risk	Body
cg12769509	ULK4	chr3	0.494592166	+ T2D risk	Body
cg12769509	ULK4	chr3	0.494592166	+ T2D risk	ExonBnd
cg08803490	PPP1R12A	chr12	0.494667445	+ T2D risk	Body
cg08803490	PPP1R12A	chr12	0.494667445	+ T2D risk	5'UTR
cg24880316	RNF157	chr17	0.494813616	- T2D risk	Body
ch.10.645342R	KIAA1217	chr10	0.494906471	- T2D risk	Body
cg10269608	USP53	chr4	0.495069689	- T2D risk	5'UTR
cg15609913	SGSM2	chr17	0.49513063	+ T2D risk	Body
cg12026045	TSC22D1	chr13	0.495300498	- T2D risk	TSS1500
cg12026045	TSC22D1	chr13	0.495300498	- T2D risk	Body
cg02549290	TSC22D1	chr13	0.495310648	+ T2D risk	1stExon
cg02549290	TSC22D1	chr13	0.495310648	+ T2D risk	5'UTR
cg02549290	TSC22D1	chr13	0.495310648	+ T2D risk	Body
cg20712669	NOTCH3	chr19	0.495537278	- T2D risk	Body
cg08983700	NCOR1	chr17	0.495609428	- T2D risk	Body
cg10878982	PACS1	chr11	0.495667169	- T2D risk	Body
cg22441846	FNIP2	chr4	0.495765412	+ T2D risk	Body
cg09097040	MDM1	chr12	0.495804548	+ T2D risk	TSS1500
cg06403660	ST8SIA1	chr12	0.495815478	+ T2D risk	1stExon
cg06403660	ST8SIA1	chr12	0.495815478	+ T2D risk	5'UTR
cg16973751	SLC9A6	chrX	0.496017462	- T2D risk	3'UTR
cg17190608	CUX2	chr12	0.496111201	+ T2D risk	TSS1500
cg14605119	DIP2C	chr10	0.496143754	- T2D risk	Body
cg07750727	KREMEN1	chr22	0.496198418	+ T2D risk	Body
cg26310823	NGLY1	chr3	0.496232569	- T2D risk	Body
cg17769854	CALD1	chr7	0.496331714	- T2D risk	5'UTR
cg04113977	UXS1	chr2	0.496583615	+ T2D risk	Body

cg00412337	CLIC5	chr6	0.496635407	- T2D risk	Body
cg14413674	ARHGEF9	chrX	0.496724404	- T2D risk	Body
cg24301101	PHACTR1	chr6	0.496759086	+ T2D risk	Body
cg23734205	TAB2	chr6	0.496820979	+ T2D risk	Body
cg17678144	UBL3	chr13	0.496880075	+ T2D risk	TSS1500
cg11397668	NCOA2	chr8	0.497018707	- T2D risk	Body
cg27464670	PRKCB	chr16	0.49716424	- T2D risk	Body
cg25010192	AGPAT3	chr21	0.49717037	- T2D risk	5'UTR
cg24472496	RGS7	chr1	0.497250144	- T2D risk	TSS1500
cg26880200	NOTCH3	chr19	0.497352028	- T2D risk	Body
cg14107889	CDH22	chr20	0.49747476	+ T2D risk	5'UTR
cg16228716	SSBP2	chr5	0.497708864	- T2D risk	Body
cg03157150	MGRN1	chr16	0.497770253	+ T2D risk	Body
cg03157150	MGRN1	chr16	0.497770253	+ T2D risk	3'UTR
cg22164298	ANK2	chr4	0.497899756	+ T2D risk	Body
cg04822434	LAMA4	chr6	0.498048669	- T2D risk	Body
cg07985679	CADM1	chr11	0.498208774	- T2D risk	Body
cg14678774	MAST1	chr19	0.498270711	+ T2D risk	Body
cg10161423	SLC29A4	chr7	0.498310017	+ T2D risk	5'UTR
cg15815767	RHOQ	chr2	0.49853063	- T2D risk	TSS200
cg03451743	PRKAG2	chr7	0.49863136	+ T2D risk	Body
cg09085932	GRK5	chr10	0.498705181	+ T2D risk	Body
cg09887927	RNF157	chr17	0.498748424	+ T2D risk	Body
cg01169981	PDE8A	chr15	0.49883237	+ T2D risk	Body
cg27375542	UXS1	chr2	0.498868362	- T2D risk	Body
cg13698274	TJP1	chr15	0.498869725	+ T2D risk	TSS200
cg13698274	TJP1	chr15	0.498869725	+ T2D risk	TSS1500
cg13698274	TJP1	chr15	0.498869725	+ T2D risk	Body
cg03843951	DDC	chr7	0.498941022	+ T2D risk	TSS1500
cg03843951	DDC	chr7	0.498941022	+ T2D risk	5'UTR
cg21787516	SRPK2	chr7	0.498996386	+ T2D risk	Body
cg00421815	ARL15	chr5	0.499103708	+ T2D risk	Body
cg06169878	CPLX2	chr5	0.499111061	+ T2D risk	5'UTR
cg14627974	CNTNAP2	chr7	0.499461833	- T2D risk	Body
cg18387085	TSHZ1	chr18	0.499674221	- T2D risk	TSS200
cg01778683	UXS1	chr2	0.499836677	- T2D risk	Body
cg08390987	KDM4B	chr19	0.49996035	+ T2D risk	Body
cg20675274	NUP98	chr11	0.500179238	- T2D risk	TSS1500
cg12342484	ERC2	chr3	0.500225967	- T2D risk	Body
cg02172857	LCA5	chr6	0.500425253	- T2D risk	TSS1500
cg24863706	PDE5A	chr4	0.500463382	- T2D risk	Body
cg24863706	PDE5A	chr4	0.500463382	- T2D risk	1stExon
cg24863706	PDE5A	chr4	0.500463382	- T2D risk	TSS1500
cg24863706	PDE5A	chr4	0.500463382	- T2D risk	5'UTR
cg04777881	PPFIBP1	chr12	0.50050243	- T2D risk	TSS200
cg26569670	NCOA2	chr8	0.50059725	- T2D risk	5'UTR
cg10724969	CLASP2	chr3	0.500821243	- T2D risk	Body
cg02234780	EVI5	chr1	0.500887668	- T2D risk	Body
cg14715946	EVI5	chr1	0.500901915	- T2D risk	Body
cg06007042	ROBO2	chr3	0.500996258	+ T2D risk	5'UTR
cg06007042	ROBO2	chr3	0.500996258	+ T2D risk	Body
cg00156147	TENM2	chr5	0.501036712	+ T2D risk	Body
cg11453891	ST6GAL1	chr3	0.50104624	- T2D risk	5'UTR
cg16794609	PHF21A	chr11	0.501354421	- T2D risk	Body
cg27623536	LYVE1	chr11	0.501358103	- T2D risk	TSS1500
cg21652122	TTC28	chr22	0.5013866	+ T2D risk	Body
cg12151083	ATP8A2	chr13	0.501543104	+ T2D risk	Body
cg11439050	ASH1L	chr1	0.501557418	- T2D risk	TSS200
cg04095373	SKAP1	chr17	0.50156402	+ T2D risk	Body
cg15028103	KCNJ12	chr17	0.501650863	+ T2D risk	TSS1500
cg04087057	MGRN1	chr16	0.501730708	+ T2D risk	Body
cg13572780	KIAA1217	chr10	0.501744294	- T2D risk	Body
cg13211927	CHKA	chr11	0.501792876	- T2D risk	Body
cg25733327	PACS2	chr14	0.501800732	- T2D risk	TSS1500
cg20811761	ATRNL	chr20	0.501843037	- T2D risk	Body
cg05549853	ARIH1	chr15	0.50184967	- T2D risk	Body
cg08771353	ATXN1	chr6	0.501855263	- T2D risk	5'UTR
cg04640913	CDH22	chr20	0.501864055	- T2D risk	TSS200
cg04024781	SPAG9	chr17	0.501888068	+ T2D risk	Body
cg11116202	ANK3	chr10	0.501908008	- T2D risk	Body

cg07342306	<i>RAP1GAP2</i>	chr17	0.502035414	+ T2D risk	Body
cg04383817	<i>NCOA7</i>	chr6	0.502064622	+ T2D risk	5'UTR
cg07145942	<i>LAMA4</i>	chr6	0.502118889	- T2D risk	Body
cg15339616	<i>ST20</i>	chr15	0.502138118	- T2D risk	TSS1500
cg15339616	<i>ST20</i>	chr15	0.502138118	- T2D risk	5'UTR
cg05013337	<i>TTC28</i>	chr22	0.502308431	+ T2D risk	Body
cg06757067	<i>SMG7</i>	chr1	0.502499105	+ T2D risk	Body
cg24433646	<i>RNF157</i>	chr17	0.502550116	- T2D risk	Body
cg18789476	<i>DYNC111</i>	chr7	0.502594731	+ T2D risk	TSS1500
cg05174595	<i>ZDHHC2</i>	chr8	0.502782227	+ T2D risk	Body
cg07716832	<i>PRKCE</i>	chr2	0.502787091	- T2D risk	Body
cg04854162	<i>DIP2C</i>	chr10	0.502788165	+ T2D risk	Body
cg22374834	<i>ERC2</i>	chr3	0.502827858	+ T2D risk	Body
cg09334634	<i>PRKAG2</i>	chr7	0.502923895	+ T2D risk	Body
cg16774853	<i>RNF157</i>	chr17	0.503257199	- T2D risk	Body
cg01868752	<i>CNTNAP2</i>	chr7	0.503436451	+ T2D risk	Body
cg19695867	<i>WDR47</i>	chr1	0.503445246	- T2D risk	TSS1500
cg06333800	<i>PRKAG2</i>	chr7	0.503583142	+ T2D risk	Body
cg11671969	<i>ST20</i>	chr15	0.503588167	+ T2D risk	5'UTR
cg13883522	<i>ATP8A2</i>	chr13	0.50366195	- T2D risk	Body
cg12594731	<i>ITGA1</i>	chr5	0.503670053	- T2D risk	Body
cg27193519	<i>MGRN1</i>	chr16	0.503737853	- T2D risk	Body
cg11524174	<i>ANK3</i>	chr10	0.503748088	- T2D risk	Body
cg07344315	<i>RAP1B</i>	chr12	0.504131014	- T2D risk	3'UTR
cg19310653	<i>CUX1</i>	chr7	0.504614191	+ T2D risk	Body
cg20927070	<i>CUX1</i>	chr7	0.504660725	- T2D risk	Body
cg20457962	<i>NUP98</i>	chr11	0.504742703	- T2D risk	TSS1500
cg20666271	<i>SCARB2</i>	chr4	0.504744461	+ T2D risk	TSS1500
cg26944382	<i>NOL4</i>	chr18	0.504747318	- T2D risk	Body
cg26944382	<i>NOL4</i>	chr18	0.504747318	- T2D risk	TSS200
cg04936932	<i>SGSM2</i>	chr17	0.504763527	- T2D risk	3'UTR
cg13552073	<i>RAP1GAP2</i>	chr17	0.505027165	+ T2D risk	Body
cg01129684	<i>TPCN1</i>	chr12	0.505054258	+ T2D risk	3'UTR
cg22455082	<i>UBE2K</i>	chr4	0.50528755	- T2D risk	Body
cg14807046	<i>ARL15</i>	chr5	0.50531091	+ T2D risk	Body
cg02746771	<i>DIP2C</i>	chr10	0.505314349	- T2D risk	Body
cg02884197	<i>RCAN2</i>	chr6	0.505423056	+ T2D risk	Body
cg02574024	<i>RHOQ</i>	chr2	0.505431959	+ T2D risk	TSS1500
cg02324737	<i>DYNC112</i>	chr2	0.505501727	- T2D risk	TSS200
cg17704449	<i>PRKD1</i>	chr14	0.505501847	+ T2D risk	Body
cg12428440	<i>PRKCE</i>	chr2	0.505521961	+ T2D risk	Body
cg25560141	<i>ATRNL1</i>	chr10	0.505555625	- T2D risk	Body
cg11733738	<i>TAB2</i>	chr6	0.505586707	- T2D risk	5'UTR
cg11733738	<i>TAB2</i>	chr6	0.505586707	- T2D risk	Body
cg20920104	<i>ANKHD1</i>	chr5	0.505670712	- T2D risk	Body
cg03607379	<i>POLA1</i>	chrX	0.505741154	+ T2D risk	Body
cg01259486	<i>DIP2C</i>	chr10	0.505791421	+ T2D risk	Body
cg15810754	<i>TJP1</i>	chr15	0.506077988	+ T2D risk	Body
cg03191241	<i>DNAH9</i>	chr17	0.506139978	- T2D risk	Body
cg26725354	<i>RGS7</i>	chr1	0.506245562	- T2D risk	Body
cg01266790	<i>PACS2</i>	chr14	0.506702522	+ T2D risk	1stExon
cg00529545	<i>PACRG</i>	chr6	0.506749209	- T2D risk	Body
cg02383173	<i>PDLIM5</i>	chr4	0.506875919	- T2D risk	TSS1500
cg20715438	<i>RAP1GAP2</i>	chr17	0.506877276	+ T2D risk	Body
cg10692436	<i>TPCN1</i>	chr12	0.506878454	- T2D risk	Body
cg12903574	<i>MEIS2</i>	chr15	0.506893654	- T2D risk	Body
cg22843424	<i>SLC7A2</i>	chr8	0.506903674	+ T2D risk	Body
cg11863755	<i>RAP1GAP2</i>	chr17	0.506920128	+ T2D risk	Body
cg21992844	<i>NGLY1</i>	chr3	0.506930237	- T2D risk	Body
cg21992844	<i>OXSM</i>	chr3	0.506930237	- T2D risk	TSS1500
cg01073046	<i>POC1B</i>	chr12	0.506964825	- T2D risk	5'UTR
cg01073046	<i>POC1B</i>	chr12	0.506964825	- T2D risk	Body
cg02273535	<i>SUB1</i>	chr5	0.507024988	- T2D risk	TSS200
cg19010139	<i>ULK4</i>	chr3	0.507042305	+ T2D risk	Body
cg20183705	<i>ATXN1</i>	chr6	0.507175074	- T2D risk	5'UTR
cg26689765	<i>ITGA1</i>	chr5	0.507176058	+ T2D risk	TSS1500
cg12033578	<i>RAP1B</i>	chr12	0.507209569	+ T2D risk	Body
cg03921870	<i>TTC28</i>	chr22	0.507225943	+ T2D risk	Body
cg15432831	<i>ASH1L</i>	chr1	0.507230246	- T2D risk	5'UTR
cg00268177	<i>ATXN1</i>	chr6	0.507271306	- T2D risk	5'UTR

cg03952736	NUP98	chr11	0.507313176	- T2D risk	5'UTR
cg11802553	PLEKHG3	chr14	0.507411009	+ T2D risk	Body
cg12253830	ST8SIA1	chr12	0.507526215	+ T2D risk	TSS200
cg17125719	NCOA2	chr8	0.507564533	+ T2D risk	5'UTR
cg10074979	CRYL1	chr13	0.507655017	+ T2D risk	Body
cg19458485	PHACTR1	chr6	0.507689336	+ T2D risk	Body
cg20540629	SKAP1	chr17	0.507696047	- T2D risk	Body
cg13592941	CUX2	chr12	0.5077625	+ T2D risk	Body
cg04719420	SMG7	chr1	0.507766258	- T2D risk	TSS200
cg23702038	PPP1R12A	chr12	0.507806978	- T2D risk	Body
cg13780614	GALK2	chr15	0.507864729	- T2D risk	Body
cg08571547	RBM4	chr11	0.50794478	- T2D risk	3'UTR
cg22677755	CRYL1	chr13	0.508083411	- T2D risk	Body
cg20841436	PACRG	chr6	0.508149377	- T2D risk	Body
cg21232904	LMCD1	chr3	0.508228736	+ T2D risk	TSS200
cg01663295	PACS1	chr11	0.508291755	+ T2D risk	TSS1500
cg10720966	CUX1	chr7	0.508458816	+ T2D risk	Body
cg13800209	MEIS2	chr15	0.508545617	+ T2D risk	5'UTR
cg13800209	MEIS2	chr15	0.508545617	+ T2D risk	1stExon
cg13800209	MEIS2	chr15	0.508545617	+ T2D risk	Body
cg18376773	CDH22	chr20	0.508761309	+ T2D risk	Body
cg03577350	PRKCE	chr2	0.508817144	+ T2D risk	Body
cg01763173	GAD1	chr2	0.508864865	- T2D risk	5'UTR
cg16046214	RANBP17	chr5	0.508919002	+ T2D risk	Body
cg14470594	PCYT1A	chr3	0.508971368	+ T2D risk	TSS200
cg06421161	ATXN1	chr6	0.508984032	- T2D risk	Body
cg03305916	KIAA1217	chr10	0.509172269	+ T2D risk	Body
cg04530345	ARL15	chr5	0.509182266	- T2D risk	Body
cg25362120	PACRG	chr6	0.509284912	- T2D risk	Body
cg17905091	DIP2C	chr10	0.509327107	+ T2D risk	Body
cg03144206	ACTN4	chr19	0.509479487	- T2D risk	TSS1500
cg11742016	ATP8A1	chr4	0.509578538	- T2D risk	Body
cg09979989	SGSM2	chr17	0.509670182	+ T2D risk	Body
cg03033000	WWP2	chr16	0.509678777	- T2D risk	5'UTR
cg25293430	ANK2	chr4	0.509885777	- T2D risk	5'UTR
cg16633848	PICALM	chr11	0.509893762	- T2D risk	TSS200
cg22757824	COL4A1	chr13	0.510025727	- T2D risk	TSS1500
cg08858723	ZHX2	chr8	0.510151045	+ T2D risk	5'UTR
cg08355739	ATXN1	chr6	0.510167696	+ T2D risk	5'UTR
cg00112341	ERC2	chr3	0.510288662	+ T2D risk	Body
cg23221504	GAD1	chr2	0.510312356	+ T2D risk	TSS200
cg02290623	PDE8A	chr15	0.510314238	- T2D risk	5'UTR
cg02290623	PDE8A	chr15	0.510314238	- T2D risk	Body
cg16225947	TJP1	chr15	0.510501239	+ T2D risk	Body
cg23052793	PRKACB	chr1	0.510537365	- T2D risk	Body
cg13051202	CHKA	chr11	0.510626549	+ T2D risk	Body
cg01451541	ERC2	chr3	0.510681672	+ T2D risk	Body
cg03775632	CALD1	chr7	0.510754242	+ T2D risk	Body
cg08817610	TTC28	chr22	0.510829538	- T2D risk	Body
cg24630943	SLIT3	chr5	0.511272197	- T2D risk	Body
cg19282586	CLEC16A	chr16	0.511435168	+ T2D risk	Body
cg02515354	CNTNAP2	chr7	0.511536079	- T2D risk	Body
cg02958709	APBA1	chr9	0.511585008	- T2D risk	ExonBnd
cg02958709	APBA1	chr9	0.511585008	- T2D risk	Body
cg00194374	ITPKB	chr1	0.511744939	+ T2D risk	Body
cg03850491	CLASP2	chr3	0.511797513	+ T2D risk	Body
cg17412560	KCNIP3	chr2	0.51179832	+ T2D risk	Body
cg18666944	ATXN1	chr6	0.511810842	- T2D risk	5'UTR
cg17573365	PACS1	chr11	0.511816389	- T2D risk	Body
cg05145839	PHF21A	chr11	0.511889204	+ T2D risk	Body
cg24039723	ANK3	chr10	0.511915954	- T2D risk	Body
cg19736276	ARIH1	chr15	0.511972123	+ T2D risk	5'UTR
cg19736276	ARIH1	chr15	0.511972123	+ T2D risk	1stExon
cg27531356	CNTNAP2	chr7	0.512200913	- T2D risk	Body
cg11196702	PRKAG2	chr7	0.512365567	- T2D risk	5'UTR
cg11196702	PRKAG2	chr7	0.512365567	- T2D risk	Body
cg20336857	DNAH9	chr17	0.512418339	+ T2D risk	TSS1500
cg20336857	DNAH9	chr17	0.512418339	+ T2D risk	Body
cg10087081	KIAA0355	chr19	0.512459011	- T2D risk	5'UTR
cg18765724	SKAP1	chr17	0.512501396	+ T2D risk	Body

cg14346532	NGLY1	chr3	0.512723777	- T2D risk	Body
cg27028557	TPCN1	chr12	0.512728218	- T2D risk	5'UTR
cg05854775	ANK2	chr4	0.512753238	- T2D risk	Body
cg03608853	TAB2	chr6	0.512779884	+ T2D risk	TSS1500
cg12600337	SUB1	chr5	0.512805402	- T2D risk	TSS1500
cg20865131	PRKAG2	chr7	0.512821738	- T2D risk	Body
cg14124587	SEC31A	chr4	0.512987262	- T2D risk	5'UTR
cg14124587	SEC31A	chr4	0.512987262	- T2D risk	Body
cg09522226	TTC28	chr22	0.513020553	- T2D risk	Body
cg13471349	RAP1GAP2	chr17	0.513125686	- T2D risk	Body
cg00958342	MEIS2	chr15	0.513193737	- T2D risk	Body
cg07812289	MGRN1	chr16	0.513245229	+ T2D risk	Body
cg24033032	CUL1	chr7	0.513342988	+ T2D risk	Body
cg04786050	SLIT3	chr5	0.513381688	- T2D risk	Body
cg14318115	RBBP6	chr16	0.513421789	+ T2D risk	TSS1500
cg00349770	CUX1	chr7	0.513496813	- T2D risk	Body
cg08858458	ARIH1	chr15	0.513551915	+ T2D risk	Body
cg11409308	RHOA	chr3	0.513630564	- T2D risk	Body
cg08199717	KIAA1217	chr10	0.513742914	+ T2D risk	5'UTR
cg06773247	SGSM2	chr17	0.51383347	+ T2D risk	Body
cg00742573	BCAT1	chr12	0.513925243	+ T2D risk	Body
cg24146047	FLT1	chr13	0.513952026	+ T2D risk	Body
cg21323738	NF1	chr17	0.514043708	- T2D risk	Body
cg27315601	DIP2C	chr10	0.514083691	- T2D risk	Body
cg02062384	RAP1GAP2	chr17	0.514134557	- T2D risk	Body
cg13751476	COL4A1	chr13	0.514185549	- T2D risk	Body
cg02035603	ARL15	chr5	0.514290918	+ T2D risk	Body
cg03409395	KIAA1217	chr10	0.514363023	+ T2D risk	Body
cg15054429	SKAP1	chr17	0.514402828	- T2D risk	Body
cg05848001	ACTN4	chr19	0.51446233	+ T2D risk	Body
cg05184564	BCAT1	chr12	0.514527915	- T2D risk	Body
cg21582240	SPOCK1	chr5	0.514585982	+ T2D risk	Body
cg17514249	COL4A1	chr13	0.51462133	- T2D risk	Body
cg00674311	DIP2C	chr10	0.514670687	- T2D risk	Body
cg15542608	PHACTR1	chr6	0.514742232	- T2D risk	Body
cg02252638	RCAN2	chr6	0.514770295	- T2D risk	Body
cg27004760	MGRN1	chr16	0.514985291	- T2D risk	Body
cg04212729	PLEKHG3	chr14	0.514994029	+ T2D risk	TSS200
cg21934237	NUF2	chr1	0.515002072	+ T2D risk	TSS1500
cg05977462	CUX2	chr12	0.515122718	- T2D risk	Body
cg17665095	ERC2	chr3	0.515162461	+ T2D risk	Body
cg16551122	ANK3	chr10	0.51521688	+ T2D risk	Body
cg16062451	CDH22	chr20	0.515226328	- T2D risk	Body
cg24723331	ST8SIA1	chr12	0.515237022	+ T2D risk	1stExon
cg24723331	ST8SIA1	chr12	0.515237022	+ T2D risk	5'UTR
cg08255636	KIAA1109	chr4	0.515279304	- T2D risk	Body
cg08255636	KIAA1109	chr4	0.515279304	- T2D risk	ExonBnd
cg25946714	MTHFS	chr15	0.515323854	- T2D risk	Body
cg25946714	MTHFS	chr15	0.515323854	- T2D risk	3'UTR
cg22170402	MYO6	chr6	0.515341579	+ T2D risk	Body
cg16950783	ANK3	chr10	0.515355211	+ T2D risk	Body
cg22400109	PACS2	chr14	0.515405353	- T2D risk	5'UTR
cg09499177	AGPAT3	chr21	0.515405823	+ T2D risk	5'UTR
cg08839770	PDLIM5	chr4	0.515495841	+ T2D risk	5'UTR
cg08839770	PDLIM5	chr4	0.515495841	+ T2D risk	Body
cg10093761	IFT74	chr9	0.515513222	- T2D risk	Body
cg14526082	TANC2	chr17	0.515828825	- T2D risk	Body
cg23142800	DYNC111	chr7	0.515845861	+ T2D risk	Body
cg21134382	PDE3A	chr12	0.515896859	+ T2D risk	Body
cg21428874	RET	chr10	0.516058876	+ T2D risk	Body
cg24981221	HMBBOX1	chr8	0.51617533	+ T2D risk	Body
cg27233612	NGLY1	chr3	0.516175991	+ T2D risk	Body
cg10789161	RAP1B	chr12	0.516198417	+ T2D risk	5'UTR
cg09887532	ITPKB	chr1	0.516287285	+ T2D risk	Body
cg09402708	KDM4B	chr19	0.516369775	- T2D risk	Body
cg03338924	PHACTR1	chr6	0.516521627	+ T2D risk	Body
cg00026412	ANK3	chr10	0.516691164	- T2D risk	Body
cg17636500	ADCY5	chr3	0.51676097	+ T2D risk	Body
cg09924241	ATP6V1H	chr8	0.516781211	- T2D risk	Body
cg01193753	SLIT3	chr5	0.516834189	+ T2D risk	Body

cg20066677	CHFR	chr12	0.516942122	- T2D risk	Body
cg20765665	DACH1	chr13	0.516951676	- T2D risk	Body
cg13002170	NCOA2	chr8	0.516981673	- T2D risk	Body
cg09331533	TANC2	chr17	0.517134306	- T2D risk	Body
cg26083752	LYVE1	chr11	0.51713966	- T2D risk	TSS1500
cg24127061	PACS1	chr11	0.517196002	- T2D risk	Body
cg14445026	KIAA0232	chr4	0.517270244	+ T2D risk	Body
cg20623215	SLC30A8	chr8	0.517319506	- T2D risk	5'UTR
cg20623215	SLC30A8	chr8	0.517319506	- T2D risk	TSS1500
cg08243301	KDM4B	chr19	0.51747881	+ T2D risk	Body
cg06761428	PRKCE	chr2	0.517550654	- T2D risk	Body
cg03301831	RTN4	chr2	0.517748204	+ T2D risk	Body
cg04237618	NGF	chr1	0.517748711	+ T2D risk	5'UTR
cg10442572	MGRN1	chr16	0.517934323	+ T2D risk	Body
cg11573321	NCOA7	chr6	0.517995343	- T2D risk	5'UTR
cg11573321	NCOA7	chr6	0.517995343	- T2D risk	Body
cg03986218	KIAA1217	chr10	0.518065823	+ T2D risk	Body
cg02404489	MGRN1	chr16	0.518173217	+ T2D risk	Body
cg11811816	CUX2	chr12	0.518241516	+ T2D risk	Body
cg16156021	ST6GAL1	chr3	0.518256884	- T2D risk	5'UTR
cg24343007	PICALM	chr11	0.518351978	+ T2D risk	Body
cg02968723	KCNIP3	chr2	0.518359783	+ T2D risk	Body
cg03588267	ATP6V1H	chr8	0.518369084	- T2D risk	Body
cg26571127	MAST1	chr19	0.518448074	- T2D risk	Body
cg02972157	PRKAG2	chr7	0.518510515	- T2D risk	Body
cg09517926	PRKAG2	chr7	0.518632624	- T2D risk	Body
cg04283566	RAP2A	chr13	0.518710684	- T2D risk	TSS1500
cg09735140	FAM160A1	chr4	0.518730519	- T2D risk	5'UTR
cg20441035	ERC2	chr3	0.51879179	+ T2D risk	3'UTR
cg07947315	RSF1	chr11	0.518801187	- T2D risk	TSS1500
cg17891146	TSHZ1	chr18	0.519030964	- T2D risk	5'UTR
cg17891146	TSHZ1	chr18	0.519030964	- T2D risk	Body
cg18483526	PRKCB	chr16	0.519376003	- T2D risk	Body
cg24035035	PRKAG2	chr7	0.51937989	- T2D risk	5'UTR
cg24035035	PRKAG2	chr7	0.51937989	- T2D risk	Body
cg09580882	ITPKB	chr1	0.51938141	- T2D risk	Body
cg27492103	ASXL2	chr2	0.519393644	- T2D risk	Body
cg02584678	NOTCH3	chr19	0.519438118	- T2D risk	Body
cg11614389	SSBP2	chr5	0.519447391	- T2D risk	TSS200
cg04093078	TANC2	chr17	0.519451028	+ T2D risk	Body
cg17040092	NCOA2	chr8	0.519620791	- T2D risk	Body
cg06329892	ANK3	chr10	0.519630805	+ T2D risk	Body
cg00703422	ROBO2	chr3	0.519822312	- T2D risk	5'UTR
cg00703422	ROBO2	chr3	0.519822312	- T2D risk	Body
cg18724465	PRKCB	chr16	0.519926289	+ T2D risk	TSS1500
cg11165254	ERC2	chr3	0.520045822	+ T2D risk	Body
cg22604250	ERC2	chr3	0.520101346	+ T2D risk	3'UTR
cg18581355	ARL15	chr5	0.520186901	- T2D risk	Body
cg26880891	ARIH1	chr15	0.520229052	- T2D risk	1stExon
cg27453365	NPAT	chr11	0.520313823	+ T2D risk	Body
cg22168287	KIAA1217	chr10	0.520331617	- T2D risk	Body
cg16964394	RANBP17	chr5	0.520348301	- T2D risk	Body
cg09860047	RHBDD1	chr2	0.520461271	+ T2D risk	Body
cg26177915	PACS2	chr14	0.520465608	- T2D risk	Body
cg26177915	PACS2	chr14	0.520465608	- T2D risk	5'UTR
cg13457498	ANK3	chr10	0.520692706	- T2D risk	Body
cg03147394	NOL4	chr18	0.520735144	+ T2D risk	Body
cg02548323	CUX1	chr7	0.520769144	- T2D risk	Body
cg00978893	BCAT1	chr12	0.520866222	+ T2D risk	Body
cg19462116	DIP2C	chr10	0.521058722	+ T2D risk	Body
cg16850419	RNF157	chr17	0.521080026	+ T2D risk	TSS1500
cg04652496	RCAN2	chr6	0.521113542	- T2D risk	TSS1500
cg12014181	DIP2C	chr10	0.521135602	- T2D risk	Body
cg02726883	NF1	chr17	0.521507791	- T2D risk	TSS1500
cg09462477	PCYT1A	chr3	0.521759546	- T2D risk	TSS200
cg07835234	GRK5	chr10	0.521776199	- T2D risk	Body
cg13742752	CRYL1	chr13	0.52186484	- T2D risk	Body
cg10781582	KIAA1217	chr10	0.522020788	+ T2D risk	TSS1500
cg10781582	KIAA1217	chr10	0.522020788	+ T2D risk	5'UTR
cg10781582	KIAA1217	chr10	0.522020788	+ T2D risk	Body

cg01203773	CLIC5	chr6	0.522053404	+ T2D risk	Body
cg04100243	WDR48	chr3	0.522074098	+ T2D risk	TSS1500
cg00059879	GALK2	chr15	0.522089114	- T2D risk	Body
cg12835078	PCYT1A	chr3	0.522101473	+ T2D risk	Body
cg25639341	ANKHD1	chr5	0.522233585	- T2D risk	TSS1500
cg24837397	CUX1	chr7	0.522385981	+ T2D risk	Body
cg27599391	NPAT	chr11	0.522433917	+ T2D risk	Body
cg17324804	SLIT3	chr5	0.522620433	- T2D risk	Body
cg18170385	DIP2C	chr10	0.522705449	+ T2D risk	Body
cg15895233	RET	chr10	0.522721927	+ T2D risk	Body
cg02725675	ANK2	chr4	0.522885804	- T2D risk	Body
cg24858140	MTHFS	chr15	0.522966491	+ T2D risk	1stExon
cg02969677	CLASP2	chr3	0.523068877	+ T2D risk	Body
cg04932056	SPAG9	chr17	0.523084775	- T2D risk	TSS1500
cg14410548	CUX2	chr12	0.523112393	- T2D risk	Body
cg13153318	CLASP2	chr3	0.523218156	- T2D risk	Body
cg13153318	CLASP2	chr3	0.523218156	- T2D risk	ExonBnd
cg15755348	CUX1	chr7	0.523238687	- T2D risk	Body
cg15990629	BCAT1	chr12	0.523415571	+ T2D risk	Body
cg27469563	GNA12	chr7	0.523555466	+ T2D risk	Body
cg20498175	PDE7A	chr8	0.523588721	+ T2D risk	Body
cg20114391	CDH22	chr20	0.523704178	+ T2D risk	Body
cg00713286	RAP1GAP2	chr17	0.523726683	+ T2D risk	Body
cg08921986	ROBO2	chr3	0.52374096	- T2D risk	Body
cg11955163	INPP4A	chr2	0.523834557	- T2D risk	Body
cg05078618	KIAA1217	chr10	0.523843774	- T2D risk	Body
cg18160302	CADM1	chr11	0.523950207	+ T2D risk	Body
cg00032664	SNX4	chr3	0.523992226	- T2D risk	Body
cg22737241	DIP2C	chr10	0.524071073	- T2D risk	Body
cg15159625	MAN1A2	chr1	0.524161652	- T2D risk	Body
cg02652891	PACRG	chr6	0.524169544	- T2D risk	Body
cg00854324	WWP2	chr16	0.524378026	+ T2D risk	Body
cg18205787	CHID1	chr11	0.524379727	- T2D risk	TSS200
cg14526021	CUX1	chr7	0.524555658	+ T2D risk	Body
cg15024035	COX6A1	chr12	0.524577318	- T2D risk	Body
cg19156769	PRKCB	chr16	0.524617032	+ T2D risk	Body
cg06410025	PHACTR1	chr6	0.52462766	+ T2D risk	Body
cg14378958	DIP2C	chr10	0.524677258	- T2D risk	Body
cg09404592	GAD1	chr2	0.524732931	- T2D risk	TSS1500
cg06659019	TENM2	chr5	0.525049291	- T2D risk	Body
cg25778070	MTHFS	chr15	0.525229804	+ T2D risk	Body
cg01524948	ZHX2	chr8	0.525266032	+ T2D risk	5'UTR
cg17430920	PHACTR1	chr6	0.525305773	- T2D risk	Body
cg19603966	DNAJC1	chr10	0.52534582	- T2D risk	TSS200
cg23445003	CUX1	chr7	0.525380801	+ T2D risk	Body
cg13996514	GRK5	chr10	0.525424303	+ T2D risk	Body
cg09999715	ARL15	chr5	0.52550964	- T2D risk	Body
cg26894278	CRYL1	chr13	0.525624219	+ T2D risk	Body
cg16433800	PDK1	chr2	0.525777502	- T2D risk	1stExon
cg16433800	PDK1	chr2	0.525777502	- T2D risk	5'UTR
cg10612065	KDM4B	chr19	0.525904559	+ T2D risk	Body
cg14166189	CHID1	chr11	0.525915234	- T2D risk	TSS1500
cg10659216	PACS1	chr11	0.525949696	- T2D risk	1stExon
cg08036796	KDM4B	chr19	0.525967237	- T2D risk	Body
cg07286060	SPOCK1	chr5	0.525976831	+ T2D risk	Body
cg23494444	TTC28	chr22	0.525990554	+ T2D risk	Body
cg08082763	CLEC16A	chr16	0.526011744	- T2D risk	Body
cg26413827	DACH1	chr13	0.526157173	- T2D risk	5'UTR
cg26413827	DACH1	chr13	0.526157173	- T2D risk	1stExon
cg13372900	ANK3	chr10	0.526266578	- T2D risk	Body
cg26875813	COL4A1	chr13	0.526622757	+ T2D risk	Body
cg23662892	HMBX1	chr8	0.526712595	+ T2D risk	5'UTR
cg10992339	ATP8A1	chr4	0.526895923	- T2D risk	Body
cg24542643	EFR3A	chr8	0.526901739	- T2D risk	TSS1500
cg03899654	AGPAT3	chr21	0.527059284	+ T2D risk	5'UTR
cg02904605	NOTCH3	chr19	0.527079424	+ T2D risk	Body
cg16546717	GNA12	chr7	0.527323683	- T2D risk	Body
cg06713769	LYVE1	chr11	0.527374774	+ T2D risk	Body
cg26311944	TSC22D1	chr13	0.527377471	+ T2D risk	Body
cg14248352	CNTNAP2	chr7	0.527503613	- T2D risk	Body

cg00924094	LMCD1	chr3	0.527543971	- T2D risk	Body
cg04857026	PACS2	chr14	0.527724077	+ T2D risk	Body
cg07541610	CALD1	chr7	0.527744315	- T2D risk	Body
cg12015310	MEIS2	chr15	0.527746111	- T2D risk	5'UTR
cg12015310	MEIS2	chr15	0.527746111	- T2D risk	1stExon
cg12015310	MEIS2	chr15	0.527746111	- T2D risk	TSS1500
cg08103074	NGLY1	chr3	0.527817039	+ T2D risk	Body
cg04071866	MGRN1	chr16	0.52789538	- T2D risk	Body
cg19872814	IFT74	chr9	0.527975536	- T2D risk	5'UTR
cg03585389	DIP2C	chr10	0.528012758	- T2D risk	Body
cg13971793	NQO1	chr16	0.528032848	+ T2D risk	TSS1500
cg15988693	CLASP2	chr3	0.528080448	+ T2D risk	TSS200
cg03072586	ATXN1	chr6	0.528095772	+ T2D risk	5'UTR
cg06246474	CUX1	chr7	0.528143483	- T2D risk	Body
cg25244420	PRKAG2	chr7	0.528167612	+ T2D risk	Body
cg09983140	DIP2C	chr10	0.528400942	- T2D risk	Body
cg03310779	KDM4B	chr19	0.528448225	+ T2D risk	Body
cg04727043	PTPRU	chr1	0.528497743	- T2D risk	Body
cg07442487	SLIT3	chr5	0.52860724	+ T2D risk	Body
cg17444972	RSF1	chr11	0.528615686	+ T2D risk	Body
cg05048426	PACS2	chr14	0.528653691	+ T2D risk	Body
cg16463964	CMTR1	chr6	0.528691831	+ T2D risk	Body
cg09465494	ERC2	chr3	0.528813802	+ T2D risk	Body
cg19592720	KCNIP3	chr2	0.528815799	+ T2D risk	Body
cg26076846	TANC2	chr17	0.528830956	- T2D risk	Body
cg02710892	TENM2	chr5	0.528883002	+ T2D risk	Body
cg09246611	DIP2C	chr10	0.528957119	+ T2D risk	Body
cg16118148	MGRN1	chr16	0.529060064	- T2D risk	Body
cg13600622	LMX1B	chr9	0.529060899	+ T2D risk	Body
cg21738971	UXS1	chr2	0.529130397	- T2D risk	TSS200
cg06435786	INPP4A	chr2	0.529176477	- T2D risk	5'UTR
cg10193817	CADM1	chr11	0.529226822	- T2D risk	5'UTR
cg10193817	CADM1	chr11	0.529226822	- T2D risk	1stExon
cg25496760	CLEC16A	chr16	0.529287976	+ T2D risk	Body
cg25496760	CLEC16A	chr16	0.529287976	+ T2D risk	ExonBnd
cg24847829	SPOCK1	chr5	0.529352378	- T2D risk	5'UTR
cg03212768	ANK3	chr10	0.52960129	- T2D risk	Body
cg07520586	RAP1GAP2	chr17	0.529703022	- T2D risk	Body
cg06258595	MGRN1	chr16	0.529785162	- T2D risk	Body
cg04772620	PDLIM5	chr4	0.529874889	+ T2D risk	5'UTR
cg04772620	PDLIM5	chr4	0.529874889	+ T2D risk	Body
cg11032145	APBA1	chr9	0.529883733	+ T2D risk	3'UTR
cg00795205	PRKCB	chr16	0.529960331	+ T2D risk	Body
cg06746009	CUX1	chr7	0.530010201	+ T2D risk	Body
cg03696852	WWP2	chr16	0.530013805	- T2D risk	Body
cg12702941	PRKCE	chr2	0.530062507	+ T2D risk	3'UTR
cg00367499	RANBP17	chr5	0.530111139	+ T2D risk	Body
cg17496602	CREBBP	chr16	0.530159097	+ T2D risk	Body
cg04578258	CNTNAP2	chr7	0.53033771	+ T2D risk	Body
cg05758010	SSBP2	chr5	0.530365866	+ T2D risk	5'UTR
cg05758010	SSBP2	chr5	0.530365866	+ T2D risk	1stExon
cg06719495	SEC31A	chr4	0.530376642	- T2D risk	Body
cg11580199	KIAA1217	chr10	0.530379371	- T2D risk	TSS200
cg11580199	KIAA1217	chr10	0.530379371	- T2D risk	Body
cg07863043	APC	chr5	0.530382229	+ T2D risk	Body
cg24058116	TSHZ1	chr18	0.530575638	+ T2D risk	5'UTR
cg24058116	TSHZ1	chr18	0.530575638	+ T2D risk	Body
cg01509920	RAP1B	chr12	0.53079711	- T2D risk	5'UTR
cg08251176	ATP6V1A	chr3	0.530914929	- T2D risk	TSS1500
cg08789073	ZHX2	chr8	0.530922974	- T2D risk	Body
cg18262079	TJP1	chr15	0.531108189	- T2D risk	TSS1500
cg18262079	TJP1	chr15	0.531108189	- T2D risk	5'UTR
cg18262079	TJP1	chr15	0.531108189	- T2D risk	Body
cg18262079	TJP1	chr15	0.531108189	- T2D risk	1stExon
cg24523250	RGS7	chr1	0.531120123	- T2D risk	Body
cg27227804	CLEC16A	chr16	0.53135572	+ T2D risk	Body
cg15020645	APC	chr5	0.531388436	- T2D risk	5'UTR
cg07366670	CUX2	chr12	0.531438166	+ T2D risk	Body
ch.11.942842R	PHF21A	chr11	0.531581827	- T2D risk	Body
cg02626991	NGF	chr1	0.531634473	+ T2D risk	Body

cg02216795	<i>PHACTR1</i>	chr6	0.531636389	+ T2D risk	Body
cg15625618	<i>MMS19</i>	chr10	0.531687175	- T2D risk	Body
cg25681060	<i>SEZ6L</i>	chr22	0.531800532	+ T2D risk	Body
cg10318661	<i>GRK5</i>	chr10	0.531814469	- T2D risk	Body
cg11447650	<i>CNTNAP2</i>	chr7	0.531956831	+ T2D risk	Body
cg05398587	<i>DENND4C</i>	chr9	0.53197378	+ T2D risk	Body
cg23362669	<i>UXS1</i>	chr2	0.531995455	+ T2D risk	Body
cg05637360	<i>PPFIBP1</i>	chr12	0.532156748	- T2D risk	Body
cg01064048	<i>KIAA0232</i>	chr4	0.532261853	+ T2D risk	Body
cg23127694	<i>GRK5</i>	chr10	0.532319048	- T2D risk	Body
cg25691775	<i>RAP1GAP2</i>	chr17	0.532322448	+ T2D risk	TSS1500
cg15199594	<i>TENM2</i>	chr5	0.532596424	+ T2D risk	TSS1500
cg00966672	<i>AGPAT3</i>	chr21	0.532730794	- T2D risk	5'UTR
cg02284194	<i>ACSS2</i>	chr20	0.533170826	+ T2D risk	Body
cg02284194	<i>ACSS2</i>	chr20	0.533170826	+ T2D risk	5'UTR
cg02284194	<i>ACSS2</i>	chr20	0.533170826	+ T2D risk	1stExon
cg24056874	<i>SEC31A</i>	chr4	0.53318886	- T2D risk	Body
cg14796565	<i>CHID1</i>	chr11	0.533427522	- T2D risk	TSS1500
cg14796565	<i>CHID1</i>	chr11	0.533427522	- T2D risk	5'UTR
cg00713247	<i>DIP2C</i>	chr10	0.533510051	- T2D risk	Body
cg26678187	<i>NGF</i>	chr1	0.533810349	+ T2D risk	3'UTR
cg07329239	<i>PRKCE</i>	chr2	0.534119023	+ T2D risk	Body
cg09097668	<i>RHOA</i>	chr3	0.534137121	- T2D risk	5'UTR
cg08301254	<i>CUX2</i>	chr12	0.53418317	+ T2D risk	Body
cg12076945	<i>RAP1B</i>	chr12	0.534313188	- T2D risk	5'UTR
cg23532924	<i>DDC</i>	chr7	0.534357369	+ T2D risk	TSS1500
cg19242397	<i>CTR9</i>	chr11	0.53464357	+ T2D risk	Body
cg13244293	<i>OXSM</i>	chr3	0.534698476	- T2D risk	Body
cg13244293	<i>OXSM</i>	chr3	0.534698476	- T2D risk	5'UTR
cg13244293	<i>NGLY1</i>	chr3	0.534698476	- T2D risk	TSS1500
cg22199628	<i>PPP1R12A</i>	chr12	0.534745061	- T2D risk	Body
cg12058096	<i>CUX2</i>	chr12	0.534760896	+ T2D risk	Body
cg25189108	<i>DIP2C</i>	chr10	0.534826747	- T2D risk	Body
cg15353666	<i>DNAJC1</i>	chr10	0.534965312	+ T2D risk	Body
cg24459984	<i>ERC2</i>	chr3	0.535003384	- T2D risk	Body
cg18801028	<i>PTPRU</i>	chr1	0.535055704	+ T2D risk	Body
cg14624444	<i>PHACTR1</i>	chr6	0.535097831	+ T2D risk	Body
cg02108620	<i>ULK4</i>	chr3	0.535108731	+ T2D risk	5'UTR
cg06225605	<i>CNTNAP2</i>	chr7	0.535244209	+ T2D risk	Body
cg00644629	<i>PTPRU</i>	chr1	0.535259531	+ T2D risk	Body
cg06152383	<i>GNA12</i>	chr7	0.535383645	- T2D risk	TSS1500
cg14872684	<i>GRK5</i>	chr10	0.535516465	+ T2D risk	Body
cg01595870	<i>PLAGL1</i>	chr6	0.535541242	- T2D risk	TSS1500
cg15182613	<i>RAP1GAP2</i>	chr17	0.535563261	+ T2D risk	Body
cg06979656	<i>MET</i>	chr7	0.535695376	+ T2D risk	Body
cg15315418	<i>ROBO2</i>	chr3	0.535743788	- T2D risk	5'UTR
cg15315418	<i>ROBO2</i>	chr3	0.535743788	- T2D risk	TSS1500
cg15315418	<i>ROBO2</i>	chr3	0.535743788	- T2D risk	Body
cg11602897	<i>CUX2</i>	chr12	0.535943698	- T2D risk	Body
cg07448800	<i>TENM2</i>	chr5	0.536062111	- T2D risk	Body
cg04697208	<i>PRKAG2</i>	chr7	0.536066115	- T2D risk	Body
cg03815117	<i>ENAH</i>	chr1	0.536074733	+ T2D risk	3'UTR
cg23847069	<i>RAP1GAP2</i>	chr17	0.536110183	- T2D risk	Body
cg23717689	<i>SLIT3</i>	chr5	0.536151651	+ T2D risk	Body
cg12438666	<i>TSGA10</i>	chr2	0.53616506	- T2D risk	5'UTR
cg10732689	<i>TSHZ1</i>	chr18	0.536256	- T2D risk	5'UTR
cg10732689	<i>TSHZ1</i>	chr18	0.536256	- T2D risk	Body
cg04301322	<i>CUL1</i>	chr7	0.536321441	+ T2D risk	5'UTR
cg10857271	<i>ATP6V1A</i>	chr3	0.536328222	+ T2D risk	TSS1500
cg07438751	<i>TENM2</i>	chr5	0.536468138	- T2D risk	Body
cg01813276	<i>GLA</i>	chrX	0.536472099	- T2D risk	Body
cg00391352	<i>SLC29A4</i>	chr7	0.536501625	+ T2D risk	Body
cg23287442	<i>TMEM150C</i>	chr4	0.53653165	- T2D risk	Body
cg14191654	<i>CDH22</i>	chr20	0.536674229	- T2D risk	Body
cg26188389	<i>SLIT3</i>	chr5	0.536715695	- T2D risk	Body
cg25900163	<i>EFR3A</i>	chr8	0.537060634	+ T2D risk	Body
cg09607548	<i>JPH2</i>	chr20	0.537092848	+ T2D risk	Body
cg02723107	<i>KDR</i>	chr4	0.537093614	- T2D risk	Body
cg10551649	<i>CHID1</i>	chr11	0.537124054	+ T2D risk	TSS1500
cg10551649	<i>CHID1</i>	chr11	0.537124054	+ T2D risk	5'UTR

cg17420659	NPAT	chr11	0.537247163	+ T2D risk	Body
cg08238568	RGS7	chr1	0.537302566	- T2D risk	Body
cg22276692	DLL4	chr15	0.537451279	+ T2D risk	TSS200
cg13868109	PACRG	chr6	0.537464666	+ T2D risk	Body
cg04543413	BCAT1	chr12	0.537498489	+ T2D risk	Body
cg13423469	ATRNL1	chr10	0.537527595	+ T2D risk	Body
cg13011713	DNAJC13	chr3	0.537530899	- T2D risk	Body
cg05660670	PDE3A	chr12	0.537546999	+ T2D risk	TSS1500
cg01363648	PTPRU	chr1	0.537613442	+ T2D risk	Body
cg17014647	ATXN1	chr6	0.537682959	- T2D risk	5'UTR
cg13264765	APC	chr5	0.537724708	+ T2D risk	Body
cg09253125	TPCN1	chr12	0.537745219	+ T2D risk	TSS1500
cg24953670	CDK8	chr13	0.537768171	+ T2D risk	Body
cg01670430	GNA12	chr7	0.537818855	- T2D risk	Body
cg14157175	APBA1	chr9	0.537970547	- T2D risk	Body
cg23835971	TTC28	chr22	0.538030972	- T2D risk	Body
cg11101800	PLEKHG3	chr14	0.538123162	+ T2D risk	TSS200
cg15603766	ST20	chr15	0.53825798	- T2D risk	1stExon
cg15603766	ST20	chr15	0.53825798	- T2D risk	5'UTR
cg15603766	ST20	chr15	0.53825798	- T2D risk	Body
cg11482716	ARL8B	chr3	0.538464568	- T2D risk	TSS1500
cg03383322	ADCY5	chr3	0.538534845	+ T2D risk	Body
cg07317944	TSC22D1	chr13	0.538544572	+ T2D risk	Body
cg07317944	TSC22D1	chr13	0.538544572	+ T2D risk	5'UTR
cg03683666	CMTR1	chr6	0.538575174	+ T2D risk	Body
cg25468723	SEZ6L	chr22	0.538688476	- T2D risk	Body
cg19736369	MAST1	chr19	0.538718412	+ T2D risk	Body
cg05005968	DIP2C	chr10	0.538769031	- T2D risk	Body
cg03346852	NUP98	chr11	0.538903596	- T2D risk	Body
cg13296555	GRK5	chr10	0.53904823	+ T2D risk	Body
cg02245391	TENM2	chr5	0.539093178	- T2D risk	Body
cg16331867	ACSS2	chr20	0.539259495	+ T2D risk	Body
cg25069772	PHACTR1	chr6	0.539319092	+ T2D risk	Body
cg25663171	TENM2	chr5	0.539339453	+ T2D risk	Body
cg04908625	ADCY5	chr3	0.539411803	- T2D risk	1stExon
cg00588047	RGS7	chr1	0.53952606	- T2D risk	Body
cg18577214	NUP98	chr11	0.539581726	- T2D risk	TSS1500
cg25113008	RAP1B	chr12	0.539628744	- T2D risk	Body
cg01970726	LMCD1	chr3	0.539902518	- T2D risk	3'UTR
cg06659727	COL4A1	chr13	0.539944618	- T2D risk	1stExon
cg06659727	COL4A1	chr13	0.539944618	- T2D risk	5'UTR
cg12489915	SPAG9	chr17	0.539966221	+ T2D risk	Body
cg16363189	SCAF8	chr6	0.539996537	- T2D risk	Body
cg12070069	PHACTR1	chr6	0.540014129	+ T2D risk	TSS1500
cg11057604	KIAA0355	chr19	0.540080469	+ T2D risk	Body
cg14097373	MDM1	chr12	0.540110335	+ T2D risk	TSS1500
cg00887994	PACS2	chr14	0.540117287	+ T2D risk	Body
cg12653327	ERC2	chr3	0.54020179	- T2D risk	3'UTR
cg07676324	ANKHD1	chr5	0.540239114	+ T2D risk	TSS1500
cg10818446	ZDHHC2	chr8	0.540564595	- T2D risk	Body
cg03229959	DDHD2	chr8	0.540666095	+ T2D risk	5'UTR
cg03229959	DDHD2	chr8	0.540666095	+ T2D risk	1stExon
cg13340442	PRKCE	chr2	0.540795835	+ T2D risk	Body
cg07095384	NCOA7	chr6	0.540800131	- T2D risk	5'UTR
cg07095384	NCOA7	chr6	0.540800131	- T2D risk	Body
cg21272956	PRKACB	chr1	0.54081432	- T2D risk	Body
cg18116815	RCAN2	chr6	0.54106954	- T2D risk	Body
cg12715330	ST6GAL1	chr3	0.54112027	- T2D risk	5'UTR
cg22369266	PCYT1A	chr3	0.541148302	- T2D risk	ExonBnd
cg22369266	PCYT1A	chr3	0.541148302	- T2D risk	Body
cg24517837	TENM2	chr5	0.541242132	+ T2D risk	Body
cg24603152	PRKACB	chr1	0.541309779	- T2D risk	TSS1500
cg22826038	GRK5	chr10	0.541460953	- T2D risk	Body
cg02892577	GRK5	chr10	0.541517932	- T2D risk	Body
cg09806966	WWP2	chr16	0.541577157	- T2D risk	3'UTR
cg09806966	WWP2	chr16	0.541577157	- T2D risk	Body
ch.11.150171F	NUP98	chr11	0.541580648	+ T2D risk	Body
cg20442224	TMEM131	chr2	0.541640604	- T2D risk	Body
cg22612642	SPOCK1	chr5	0.541661159	- T2D risk	3'UTR
cg06722216	NOL4	chr18	0.541787299	+ T2D risk	1stExon

cg15252599	TANC2	chr17	0.541969323	- T2D risk	Body
cg23882186	INPP4A	chr2	0.541970743	+ T2D risk	5'UTR
cg18346182	DIP2C	chr10	0.541999064	- T2D risk	Body
cg00668174	ASH1L	chr1	0.542007606	+ T2D risk	5'UTR
cg26064307	TENM2	chr5	0.542120627	- T2D risk	Body
cg20382695	ATRNL1	chr10	0.542336459	- T2D risk	Body
cg19334176	DIP2C	chr10	0.542345478	- T2D risk	Body
cg14278774	FNIP2	chr4	0.54237893	+ T2D risk	Body
cg10451116	MEIS2	chr15	0.5425392	- T2D risk	Body
cg03865213	KIAA1217	chr10	0.542565746	+ T2D risk	Body
cg25218521	TSC22D1	chr13	0.542737841	- T2D risk	Body
cg27466022	FAM160A1	chr4	0.542767067	+ T2D risk	Body
cg05201958	ANK3	chr10	0.542900433	- T2D risk	Body
cg09698846	ZHX2	chr8	0.543000284	+ T2D risk	Body
cg02765913	BCAT1	chr12	0.543005371	+ T2D risk	5'UTR
cg02765913	BCAT1	chr12	0.543005371	+ T2D risk	1stExon
cg16007063	DDC	chr7	0.543135537	+ T2D risk	Body
cg25257044	ITGA1	chr5	0.543143226	+ T2D risk	Body
cg08949364	WWP2	chr16	0.543243471	+ T2D risk	TSS1500
cg08949364	WWP2	chr16	0.543243471	+ T2D risk	Body
cg16086016	EVI5	chr1	0.543302458	+ T2D risk	TSS1500
cg08502856	PDE8A	chr15	0.543382276	- T2D risk	TSS200
cg08502856	PDE8A	chr15	0.543382276	- T2D risk	TSS1500
cg03382226	GALK2	chr15	0.543482531	- T2D risk	Body
cg03565153	PHACTR1	chr6	0.543523912	- T2D risk	Body
cg14022840	RGS7	chr1	0.543594223	- T2D risk	Body
cg21389456	DIP2C	chr10	0.543809676	- T2D risk	Body
cg04305963	SKAP1	chr17	0.543923602	- T2D risk	Body
cg22502704	PHF21A	chr11	0.544047035	+ T2D risk	5'UTR
cg13517826	KDM4B	chr19	0.544053212	+ T2D risk	Body
cg02366856	MEIS2	chr15	0.544079343	- T2D risk	Body
cg10740500	MMS19	chr10	0.544242171	- T2D risk	ExonBnd
cg10740500	MMS19	chr10	0.544242171	- T2D risk	Body
cg09411975	PACS1	chr11	0.544382385	+ T2D risk	Body
cg04801795	RSF1	chr11	0.544400869	- T2D risk	Body
cg16803124	DIP2C	chr10	0.544463491	- T2D risk	Body
cg18141431	HMBX1	chr8	0.544775245	- T2D risk	5'UTR
cg24589102	ATRN	chr20	0.544780137	+ T2D risk	Body
cg12520276	DIP2C	chr10	0.544856524	+ T2D risk	Body
cg22267941	PDE8A	chr15	0.544866627	+ T2D risk	TSS1500
cg16050957	RBBP6	chr16	0.544927437	- T2D risk	TSS200
cg23310936	UXS1	chr2	0.545061233	+ T2D risk	Body
cg14668632	GNA12	chr7	0.54508548	+ T2D risk	Body
cg16466485	PRKACB	chr1	0.545196536	+ T2D risk	Body
cg01948390	SVIP	chr11	0.545201897	- T2D risk	Body
cg19416470	MEIS2	chr15	0.545361961	+ T2D risk	5'UTR
cg19416470	MEIS2	chr15	0.545361961	+ T2D risk	TSS1500
cg00456950	ITGB1	chr10	0.545450726	+ T2D risk	TSS1500
cg00456950	ITGB1	chr10	0.545450726	+ T2D risk	5'UTR
cg06419562	PRKCB	chr16	0.545451634	- T2D risk	Body
cg11050527	ATP6V1H	chr8	0.545453192	+ T2D risk	5'UTR
cg11050527	ATP6V1H	chr8	0.545453192	+ T2D risk	1stExon
cg00718452	ARID2	chr12	0.545551226	+ T2D risk	3'UTR
cg12578615	CPLX2	chr5	0.54564265	+ T2D risk	5'UTR
cg05793240	GNA12	chr7	0.545645971	+ T2D risk	Body
cg26293014	NCOA7	chr6	0.545670929	+ T2D risk	Body
cg02706205	GALK2	chr15	0.545774478	+ T2D risk	TSS200
ch.15.607847R	GALK2	chr15	0.545917626	+ T2D risk	Body
cg03150082	ENAH	chr1	0.546072651	+ T2D risk	Body
cg19856701	NF1	chr17	0.546094965	+ T2D risk	3'UTR
cg19856701	NF1	chr17	0.546094965	+ T2D risk	Body
cg18288907	SCAF8	chr6	0.546173019	+ T2D risk	Body
cg03721109	CRYL1	chr13	0.546310886	+ T2D risk	Body
cg23338195	SLC30A8	chr8	0.546326954	- T2D risk	TSS1500
cg23924939	POLA1	chrX	0.546345646	+ T2D risk	Body
cg07554478	ATP6V1A	chr3	0.546355239	- T2D risk	5'UTR
cg17682255	PDE7A	chr8	0.546386294	+ T2D risk	Body
cg23340034	ST6GAL1	chr3	0.546622671	- T2D risk	Body
cg15019644	ENAH	chr1	0.546856779	- T2D risk	Body
cg11638352	PDE8A	chr15	0.546860796	- T2D risk	5'UTR

cg11638352	PDE8A	chr15	0.546860796	- T2D risk	Body
cg00153831	TSHZ1	chr18	0.546865086	+ T2D risk	5'UTR
cg00153831	TSHZ1	chr18	0.546865086	+ T2D risk	Body
cg25260582	AMD1	chr6	0.546948279	+ T2D risk	5'UTR
cg08635011	CUX2	chr12	0.547062716	- T2D risk	Body
cg02646615	ERC2	chr3	0.547181621	- T2D risk	5'UTR
cg01955214	PLEKHG3	chr14	0.547226708	+ T2D risk	5'UTR
cg24175288	NCOA7	chr6	0.547375683	+ T2D risk	5'UTR
cg25622597	RHOA	chr3	0.547381131	+ T2D risk	1stExon
cg25622597	RHOA	chr3	0.547381131	+ T2D risk	5'UTR
cg23587915	ZHX2	chr8	0.547390219	- T2D risk	5'UTR
cg07872115	TTC28	chr22	0.547432782	+ T2D risk	Body
cg15436936	SCAF8	chr6	0.547627131	+ T2D risk	Body
cg21113768	PLAGL1	chr6	0.547698547	+ T2D risk	TSS1500
cg12844290	CUX2	chr12	0.5477917	- T2D risk	Body
cg00904723	ATP6V1A	chr3	0.547792189	- T2D risk	ExonBnd
cg00904723	ATP6V1A	chr3	0.547792189	- T2D risk	Body
cg24844230	CHFR	chr12	0.547812795	+ T2D risk	Body
cg21460095	SLIT3	chr5	0.547823461	- T2D risk	Body
cg15430525	ARIH1	chr15	0.547853729	- T2D risk	Body
cg20884241	CUX1	chr7	0.548166563	+ T2D risk	Body
cg19083007	RCAN2	chr6	0.548405666	+ T2D risk	TSS1500
cg06969479	TMEM131	chr2	0.548465411	+ T2D risk	Body
cg10116636	KIAA1217	chr10	0.548636764	- T2D risk	5'UTR
cg02203055	SPOCK1	chr5	0.548744455	+ T2D risk	Body
cg09009074	LMCD1	chr3	0.548770911	- T2D risk	TSS200
cg03340398	SLC7A2	chr8	0.548789401	+ T2D risk	5'UTR
cg18762488	MET	chr7	0.548811268	+ T2D risk	Body
cg16125666	CLOCK	chr4	0.548953969	- T2D risk	TSS1500
cg03670115	DYNC1I2	chr2	0.54896057	+ T2D risk	5'UTR
cg03670115	DYNC1I2	chr2	0.54896057	+ T2D risk	1stExon
cg12580389	SLIT3	chr5	0.549028517	+ T2D risk	Body
cg08027238	MYO6	chr6	0.549234215	+ T2D risk	5'UTR
cg06909274	ITPKB	chr1	0.549246407	+ T2D risk	Body
ch.11.152092R	NUP98	chr11	0.549323303	- T2D risk	Body
cg02650170	TENM2	chr5	0.549360923	- T2D risk	Body
cg16250093	MGRN1	chr16	0.549385057	- T2D risk	Body
cg13447009	TTC28	chr22	0.549466328	+ T2D risk	Body
cg11478896	GNA12	chr7	0.549497997	- T2D risk	Body
cg18243357	ERC2	chr3	0.549539427	- T2D risk	3'UTR
cg25863391	DDC	chr7	0.549574611	- T2D risk	5'UTR
cg06021990	FLT1	chr13	0.549690755	- T2D risk	Body
cg18633693	KIAA1217	chr10	0.549723224	- T2D risk	TSS1500
cg08212266	CUX1	chr7	0.549833678	+ T2D risk	Body
cg25366903	ATP8A2	chr13	0.549942058	+ T2D risk	Body
cg05141089	PDE5A	chr4	0.550037648	- T2D risk	TSS200
cg05141089	PDE5A	chr4	0.550037648	- T2D risk	TSS1500
cg15192909	ATP4A	chr19	0.550212188	+ T2D risk	Body
cg09327847	PRKCB	chr16	0.55030494	+ T2D risk	Body
cg24356742	ERC2	chr3	0.550383596	+ T2D risk	Body
cg09441903	PRKAG2	chr7	0.550492036	+ T2D risk	Body
cg05060807	PRKAG2	chr7	0.55053477	+ T2D risk	Body
cg11543957	PRKAG2	chr7	0.550707303	+ T2D risk	Body
cg27546237	COL4A1	chr13	0.550723909	- T2D risk	TSS1500
cg25697292	WWP2	chr16	0.550794723	- T2D risk	Body
cg19303239	ST6GAL1	chr3	0.550820044	+ T2D risk	5'UTR
cg25113157	CUX2	chr12	0.550828686	- T2D risk	Body
cg12349030	NUP98	chr11	0.550849499	- T2D risk	5'UTR
cg12349030	NUP98	chr11	0.550849499	- T2D risk	1stExon
cg12531838	DIP2C	chr10	0.550921244	- T2D risk	Body
cg24569082	CLIC5	chr6	0.551010839	+ T2D risk	Body
cg25373484	SKAP1	chr17	0.551041994	+ T2D risk	Body
cg24807198	GRK5	chr10	0.551048718	+ T2D risk	Body
cg20485865	STX6	chr1	0.55117707	+ T2D risk	TSS1500
cg15797175	PACRG	chr6	0.551197765	- T2D risk	Body
cg06270249	ERC2	chr3	0.551337873	- T2D risk	Body
cg20406483	EVI5	chr1	0.551380514	- T2D risk	ExonBnd
cg20406483	EVI5	chr1	0.551380514	- T2D risk	Body
cg22994024	CADM1	chr11	0.551389125	- T2D risk	3'UTR
cg01259619	ITPKB	chr1	0.551408475	+ T2D risk	5'UTR

cg13679083	ARL15	chr5	0.551475556	- T2D risk	Body
cg06941655	USP53	chr4	0.55148479	- T2D risk	5'UTR
cg14895029	GNA12	chr7	0.551681699	- T2D risk	Body
cg13127598	PRKCB	chr16	0.551729401	+ T2D risk	Body
cg14274656	ANK3	chr10	0.551860631	- T2D risk	1stExon
cg14274656	ANK3	chr10	0.551860631	- T2D risk	5'UTR
cg14274656	ANK3	chr10	0.551860631	- T2D risk	Body
cg24315860	SRPK2	chr7	0.552040055	- T2D risk	TSS200
cg11474135	ANK2	chr4	0.552116036	- T2D risk	Body
cg19871598	CLEC16A	chr16	0.552117378	- T2D risk	Body
cg23128584	DIP2C	chr10	0.552237226	+ T2D risk	Body
cg05233160	PDE8A	chr15	0.552275418	- T2D risk	Body
cg06997134	KREMEN1	chr22	0.552371643	- T2D risk	Body
cg26975271	WWP2	chr16	0.552433217	- T2D risk	Body
cg07109965	ATXN1	chr6	0.552572465	- T2D risk	5'UTR
cg05374171	PRKCE	chr2	0.552791456	+ T2D risk	Body
cg20546935	TPCN1	chr12	0.552803409	- T2D risk	5'UTR
cg20546935	TPCN1	chr12	0.552803409	- T2D risk	Body
cg01492538	GNA12	chr7	0.552813986	- T2D risk	Body
cg09404290	ADCY5	chr3	0.55293438	- T2D risk	Body
cg16381076	ITPKB	chr1	0.553121612	+ T2D risk	Body
cg15044010	SRPK2	chr7	0.553330318	- T2D risk	Body
cg16469046	INPP4A	chr2	0.553338004	- T2D risk	5'UTR
cg09425164	PDE8A	chr15	0.553339473	+ T2D risk	Body
cg26266308	PDE7A	chr8	0.553352109	- T2D risk	5'UTR
cg26266308	PDE7A	chr8	0.553352109	- T2D risk	1stExon
cg26266308	PDE7A	chr8	0.553352109	- T2D risk	Body
cg08368169	ATP8A2	chr13	0.553387616	- T2D risk	Body
cg07219384	MAN1A1	chr6	0.553457822	+ T2D risk	Body
cg26713219	ACTN4	chr19	0.553536087	- T2D risk	Body
cg24612498	LMCD1	chr3	0.553562932	+ T2D risk	Body
cg27410091	PDE7A	chr8	0.553563675	- T2D risk	Body
cg00131482	ANK2	chr4	0.553580776	- T2D risk	Body
cg19646538	PACS1	chr11	0.55359383	- T2D risk	TSS1500
cg16304927	SLIT3	chr5	0.553629144	+ T2D risk	Body
cg13647309	CCNB1	chr5	0.55368641	- T2D risk	3'UTR
cg04102510	ITPKB	chr1	0.553756569	+ T2D risk	Body
cg04915058	ERC2	chr3	0.553990358	+ T2D risk	3'UTR
cg05231821	ACTN4	chr19	0.554043905	+ T2D risk	TSS200
cg16968297	PDLIM5	chr4	0.554083767	- T2D risk	5'UTR
cg16968297	PDLIM5	chr4	0.554083767	- T2D risk	Body
cg16051089	ITGA1	chr5	0.554345556	+ T2D risk	TSS200
cg04643554	KIAA1217	chr10	0.554450592	+ T2D risk	Body
cg22273589	TSC22D1	chr13	0.554454359	- T2D risk	TSS1500
cg22273589	TSC22D1	chr13	0.554454359	- T2D risk	Body
cg14727383	NCOA2	chr8	0.554648518	- T2D risk	Body
cg05204809	ERC2	chr3	0.554679406	- T2D risk	3'UTR
cg01878750	GNA12	chr7	0.554750885	+ T2D risk	Body
cg09556492	PHACTR1	chr6	0.554758575	- T2D risk	Body
cg17699704	SGSM2	chr17	0.554775893	- T2D risk	TSS1500
cg01738095	ASXL2	chr2	0.554897338	+ T2D risk	TSS1500
cg24014236	SH3GL2	chr9	0.55508005	+ T2D risk	5'UTR
cg24014236	SH3GL2	chr9	0.55508005	+ T2D risk	1stExon
cg00016814	CNTNAP2	chr7	0.555110078	+ T2D risk	Body
cg17299387	RNF157	chr17	0.555144936	+ T2D risk	Body
cg17026475	MEIS2	chr15	0.555187583	- T2D risk	5'UTR
cg17026475	MEIS2	chr15	0.555187583	- T2D risk	1stExon
cg17026475	MEIS2	chr15	0.555187583	- T2D risk	Body
cg17026475	MEIS2	chr15	0.555187583	- T2D risk	TSS1500
cg02603526	DDC	chr7	0.555204142	- T2D risk	5'UTR
cg04628881	GALK2	chr15	0.555337467	+ T2D risk	5'UTR
cg04628881	GALK2	chr15	0.555337467	+ T2D risk	Body
cg00946155	SEZ6L	chr22	0.555410721	+ T2D risk	Body
cg12103354	CLIC5	chr6	0.555541757	- T2D risk	TSS1500
cg26975461	USP53	chr4	0.555541992	- T2D risk	5'UTR
cg02487809	GRK5	chr10	0.555588367	+ T2D risk	Body
cg00181154	ST6GAL1	chr3	0.555599376	- T2D risk	TSS1500
cg25998678	GALK2	chr15	0.555613303	- T2D risk	5'UTR
cg25998678	GALK2	chr15	0.555613303	- T2D risk	1stExon
cg25998678	GALK2	chr15	0.555613303	- T2D risk	Body

cg20224867	ULK4	chr3	0.55580429	+ T2D risk	Body
cg04782618	TENM2	chr5	0.556096453	+ T2D risk	Body
cg15267873	DNAJC13	chr3	0.556245671	+ T2D risk	Body
cg01528425	APC	chr5	0.556336962	+ T2D risk	TSS200
cg19410750	SCAF11	chr12	0.556370524	- T2D risk	Body
cg06328725	PACRG	chr6	0.556495949	+ T2D risk	Body
cg15001981	AGPAT3	chr21	0.556859624	- T2D risk	5'UTR
cg25674102	KIAA1217	chr10	0.557079601	- T2D risk	Body
cg15024660	ARL15	chr5	0.557126317	- T2D risk	Body
cg23495031	PRKAG2	chr7	0.55717435	- T2D risk	Body
cg18393040	MEIS2	chr15	0.557228585	+ T2D risk	5'UTR
cg18393040	MEIS2	chr15	0.557228585	+ T2D risk	TSS1500
cg16085344	ATP8A1	chr4	0.557305409	- T2D risk	3'UTR
cg00872701	PPFIBP1	chr12	0.557315817	- T2D risk	5'UTR
cg08751994	DYNC111	chr7	0.557584614	+ T2D risk	Body
cg13528956	PACS1	chr11	0.557585156	- T2D risk	Body
cg17013870	IMPA1	chr8	0.557626758	+ T2D risk	TSS1500
cg27136228	AMD1	chr6	0.557772148	- T2D risk	Body
cg19731401	GNA12	chr7	0.557878956	- T2D risk	Body
cg02993937	CNTROB	chr17	0.557887198	- T2D risk	Body
cg18857899	LMCD1	chr3	0.55790104	- T2D risk	Body
cg26451873	CDK8	chr13	0.557918979	+ T2D risk	Body
cg19566879	ATXN1	chr6	0.557961004	- T2D risk	5'UTR
cg11524513	RHBDD1	chr2	0.557995219	- T2D risk	Body
cg25900222	KIAA1109	chr4	0.558005233	- T2D risk	Body
cg06596387	TJP1	chr15	0.558038657	- T2D risk	1stExon
cg06596387	TJP1	chr15	0.558038657	- T2D risk	5'UTR
cg06596387	TJP1	chr15	0.558038657	- T2D risk	Body
cg20087010	GLG1	chr16	0.558540441	- T2D risk	Body
cg18356743	UBL3	chr13	0.55863686	- T2D risk	Body
cg19161022	AGPAT3	chr21	0.558757738	- T2D risk	5'UTR
cg19161022	AGPAT3	chr21	0.558757738	- T2D risk	TSS1500
cg11160386	MDM1	chr12	0.558777407	- T2D risk	Body
cg25860096	RBM4	chr11	0.55884001	+ T2D risk	Body
cg03154286	RGS7	chr1	0.558841153	+ T2D risk	5'UTR
cg27216384	PLAGL1	chr6	0.558905354	+ T2D risk	TSS1500
cg27216384	PLAGL1	chr6	0.558905354	+ T2D risk	5'UTR
cg03907390	GRK5	chr10	0.558908319	+ T2D risk	Body
cg01282080	NOTCH3	chr19	0.558986896	+ T2D risk	Body
cg15278747	PACS2	chr14	0.559448861	- T2D risk	Body
cg21110337	TPCN1	chr12	0.559520899	- T2D risk	Body
cg06945504	SEZ6L	chr22	0.559537808	- T2D risk	Body
cg16135276	DIP2C	chr10	0.559557684	+ T2D risk	Body
cg17264779	RAP1GAP2	chr17	0.559602122	- T2D risk	Body
cg06722976	ITGB1	chr10	0.559663381	+ T2D risk	3'UTR
cg06722976	ITGB1	chr10	0.559663381	+ T2D risk	Body
cg01826124	FLT1	chr13	0.559764763	- T2D risk	Body
cg06753153	PLEKHG3	chr14	0.559877328	+ T2D risk	5'UTR
cg07486584	DNAH9	chr17	0.559953125	- T2D risk	Body
cg05138138	UXS1	chr2	0.55998067	- T2D risk	Body
cg02628881	KIAA0355	chr19	0.559983627	+ T2D risk	TSS1500
cg20189474	PRKCB	chr16	0.560045451	+ T2D risk	Body
cg13556387	ITGB1	chr10	0.560197437	+ T2D risk	TSS1500
cg13556387	ITGB1	chr10	0.560197437	+ T2D risk	5'UTR
cg09970590	MEIS2	chr15	0.560344234	+ T2D risk	Body
cg06139060	SCARB2	chr4	0.560561037	+ T2D risk	3'UTR
cg20638683	CLIC5	chr6	0.560668549	+ T2D risk	Body
cg22563040	ARL15	chr5	0.560689844	- T2D risk	Body
cg26532208	SKAP1	chr17	0.560752209	- T2D risk	Body
cg14494018	PHACTR1	chr6	0.560772988	- T2D risk	Body
cg12640653	SLIT3	chr5	0.560851938	- T2D risk	Body
cg01002284	CEP126	chr11	0.560867033	- T2D risk	TSS1500
cg21123740	PDE5A	chr4	0.560897194	- T2D risk	Body
cg03637447	INPP4A	chr2	0.560909608	+ T2D risk	TSS200
cg04876084	ERC2	chr3	0.560913303	- T2D risk	Body
cg07627002	PACS1	chr11	0.561043936	- T2D risk	Body
cg23180235	LMCD1	chr3	0.561078008	+ T2D risk	Body
cg06051213	GRK5	chr10	0.561141448	+ T2D risk	Body
cg02260576	SGSM2	chr17	0.561264047	+ T2D risk	Body
cg01666675	ZHX2	chr8	0.561333953	- T2D risk	5'UTR

cg09642428	<i>SPOCK1</i>	chr5	0.561436293	- T2D risk	Body
cg19454959	<i>ULK4</i>	chr3	0.561529009	+ T2D risk	TSS200
cg16319445	<i>TMEM131</i>	chr2	0.561580084	- T2D risk	TSS1500
cg16274899	<i>PLEKHG3</i>	chr14	0.56159361	+ T2D risk	5'UTR
cg22999536	<i>DIP2C</i>	chr10	0.561715896	- T2D risk	Body
cg12346351	<i>FAM160A1</i>	chr4	0.561776625	+ T2D risk	TSS200
cg18077307	<i>TMEM131</i>	chr2	0.561803022	+ T2D risk	Body
cg16905129	<i>SEC31A</i>	chr4	0.561831502	+ T2D risk	5'UTR
cg16905129	<i>SEC31A</i>	chr4	0.561831502	+ T2D risk	Body
cg19122463	<i>PCYT1A</i>	chr3	0.561859938	- T2D risk	ExonBnd
cg19122463	<i>PCYT1A</i>	chr3	0.561859938	- T2D risk	Body
cg10069305	<i>PACS2</i>	chr14	0.562011218	- T2D risk	Body
cg00611847	<i>DDC</i>	chr7	0.562081418	+ T2D risk	Body
cg16386425	<i>DIP2C</i>	chr10	0.562084232	- T2D risk	Body
cg10479221	<i>SPAG9</i>	chr17	0.562151988	+ T2D risk	Body
cg05108346	<i>PDLIM5</i>	chr4	0.562211216	- T2D risk	5'UTR
cg05108346	<i>PDLIM5</i>	chr4	0.562211216	- T2D risk	Body
cg06668695	<i>ST20</i>	chr15	0.562324024	+ T2D risk	5'UTR
cg06668695	<i>ST20</i>	chr15	0.562324024	+ T2D risk	Body
cg14914809	<i>GAD1</i>	chr2	0.562337704	- T2D risk	Body
cg14659678	<i>ARID2</i>	chr12	0.562357082	- T2D risk	Body
cg25756435	<i>MAST1</i>	chr19	0.56243872	+ T2D risk	Body
cg11132198	<i>PPFIBP1</i>	chr12	0.56245432	+ T2D risk	3'UTR
cg06516482	<i>PRKAG2</i>	chr7	0.562727388	+ T2D risk	Body
cg01411440	<i>CNTR0B</i>	chr17	0.56273443	- T2D risk	TSS200
cg02005232	<i>CADM1</i>	chr11	0.562886501	- T2D risk	Body
cg23845211	<i>CHFR</i>	chr12	0.562980956	- T2D risk	Body
cg13917002	<i>APBA1</i>	chr9	0.562986388	- T2D risk	5'UTR
cg14851496	<i>PACS2</i>	chr14	0.563165738	+ T2D risk	Body
cg09840968	<i>MEIS2</i>	chr15	0.563274714	- T2D risk	TSS1500
cg03805527	<i>FLT1</i>	chr13	0.563329282	+ T2D risk	Body
cg08918431	<i>ANKHD1</i>	chr5	0.563430943	+ T2D risk	TSS1500
cg12187810	<i>PRKCE</i>	chr2	0.563441853	+ T2D risk	Body
cg27190366	<i>RTN4</i>	chr2	0.563523973	- T2D risk	TSS200
cg07102474	<i>TANC2</i>	chr17	0.563531461	+ T2D risk	Body
cg16087630	<i>CHKA</i>	chr11	0.563552452	- T2D risk	TSS1500
cg00691830	<i>MEIS2</i>	chr15	0.563746664	- T2D risk	Body
cg00982974	<i>CUX1</i>	chr7	0.563797081	+ T2D risk	Body
cg02315450	<i>YWHAQ</i>	chr2	0.563801282	- T2D risk	Body
cg08573115	<i>PPFIBP1</i>	chr12	0.563817693	- T2D risk	5'UTR
cg02291472	<i>DNAJC1</i>	chr10	0.563916535	+ T2D risk	TSS200
cg05838101	<i>TTC28</i>	chr22	0.563982183	+ T2D risk	Body
cg04554506	<i>MEIS2</i>	chr15	0.56403482	+ T2D risk	Body
cg00580854	<i>JPH2</i>	chr20	0.564085971	+ T2D risk	Body
cg05709325	<i>PRKD1</i>	chr14	0.564325314	- T2D risk	Body
cg11484783	<i>RNF217</i>	chr6	0.564366307	+ T2D risk	Body
cg27051502	<i>TSGA10</i>	chr2	0.564435107	- T2D risk	Body
cg00927151	<i>SCAF8</i>	chr6	0.564473838	+ T2D risk	Body
cg20442744	<i>RGS7</i>	chr1	0.564593581	+ T2D risk	Body
cg13086402	<i>UNC80</i>	chr2	0.564708733	- T2D risk	Body
cg27109284	<i>NPEPPS</i>	chr17	0.564859291	- T2D risk	Body
cg03075966	<i>GRK5</i>	chr10	0.564903869	- T2D risk	Body
cg07779484	<i>RHOA</i>	chr3	0.564932618	+ T2D risk	5'UTR
cg06648782	<i>PACRG</i>	chr6	0.565027121	- T2D risk	Body
cg11922514	<i>UNC80</i>	chr2	0.565124743	- T2D risk	Body
cg13601997	<i>LMX1B</i>	chr9	0.56535223	- T2D risk	TSS1500
cg25326688	<i>TENM2</i>	chr5	0.565472964	+ T2D risk	Body
cg13760845	<i>FLT1</i>	chr13	0.565511058	+ T2D risk	Body
cg03938187	<i>FBXO11</i>	chr2	0.565564219	- T2D risk	Body
cg27472701	<i>MET</i>	chr7	0.565593843	+ T2D risk	5'UTR
cg27201627	<i>CDH22</i>	chr20	0.56561426	- T2D risk	Body
cg07806801	<i>CADM1</i>	chr11	0.565693383	- T2D risk	3'UTR
cg10860568	<i>CEP126</i>	chr11	0.565790385	- T2D risk	Body
cg03512465	<i>DIP2C</i>	chr10	0.565806219	+ T2D risk	Body
cg03828860	<i>CNTR0B</i>	chr17	0.565859651	- T2D risk	1stExon
cg03828860	<i>CNTR0B</i>	chr17	0.565859651	- T2D risk	5'UTR
cg20281905	<i>CUX1</i>	chr7	0.565986486	+ T2D risk	Body
cg20091587	<i>SEC31A</i>	chr4	0.566041169	+ T2D risk	Body
cg03455828	<i>CLEC16A</i>	chr16	0.566111075	- T2D risk	Body
cg06171908	<i>USP29</i>	chr19	0.56612875	- T2D risk	TSS1500

cg14075393	ATP8A2	chr13	0.56622078	+ T2D risk	Body
cg21571596	RPGR	chrX	0.566242844	+ T2D risk	Body
cg04509648	TAZ	chrX	0.566270106	- T2D risk	Body
cg26132715	ANK3	chr10	0.56641081	- T2D risk	Body
cg16846532	DDC	chr7	0.566467526	- T2D risk	TSS1500
cg22811859	LAP3	chr4	0.566488405	+ T2D risk	Body
cg05252062	CUX1	chr7	0.566507359	- T2D risk	Body
cg26344026	PACS1	chr11	0.566607104	+ T2D risk	Body
cg21026553	KCNJ12	chr17	0.566799578	- T2D risk	5'UTR
cg21026553	KCNJ12	chr17	0.566799578	- T2D risk	1stExon
cg06481699	CUX1	chr7	0.566822583	- T2D risk	TSS1500
cg12854721	CUX1	chr7	0.566912609	- T2D risk	Body
cg11830387	TSC22D1	chr13	0.56693673	- T2D risk	Body
cg02296478	ANK2	chr4	0.566993336	+ T2D risk	Body
cg14345978	GNA12	chr7	0.567044162	- T2D risk	Body
cg14345978	GNA12	chr7	0.567044162	- T2D risk	TSS1500
cg16776670	POLA1	chrX	0.567261143	+ T2D risk	Body
ch.7.141697R	GNA12	chr7	0.567266562	+ T2D risk	Body
cg27322545	IFT74	chr9	0.567285689	- T2D risk	TSS1500
cg27322545	IFT74	chr9	0.567285689	- T2D risk	TSS200
cg14580919	KDM4B	chr19	0.56746316	+ T2D risk	Body
cg10325509	KIAA1217	chr10	0.567501726	- T2D risk	5'UTR
cg00290758	GRK5	chr10	0.567528138	- T2D risk	Body
cg07793203	YWHAQ	chr2	0.567563785	- T2D risk	TSS1500
cg23633413	CHFR	chr12	0.567661956	+ T2D risk	Body
cg07298363	ITGA1	chr5	0.567716113	- T2D risk	Body
cg00577375	PRKAG2	chr7	0.567719474	+ T2D risk	Body
cg08445905	NUF2	chr1	0.567735641	- T2D risk	Body
cg18852426	TJP1	chr15	0.567765343	+ T2D risk	Body
cg17286211	ATP4A	chr19	0.56776536	- T2D risk	Body
cg26202404	SUB1	chr5	0.567835807	- T2D risk	Body
cg25371487	RTN4	chr2	0.567887357	- T2D risk	TSS1500
cg13037901	ST20	chr15	0.567896558	- T2D risk	5'UTR
cg13037901	ST20	chr15	0.567896558	- T2D risk	Body
cg26019654	ARL15	chr5	0.56800833	- T2D risk	Body
cg15341833	UXS1	chr2	0.568058043	+ T2D risk	Body
cg21858225	PDE5A	chr4	0.568110242	- T2D risk	Body
cg24436196	ERC2	chr3	0.568181115	+ T2D risk	Body
cg16897885	KCNJ12	chr17	0.568274596	- T2D risk	5'UTR
cg01793956	RRAGB	chrX	0.568501874	+ T2D risk	Body
cg01793956	RRAGB	chrX	0.568501874	+ T2D risk	ExonBnd
cg26718511	SCGN	chr6	0.568527328	- T2D risk	5'UTR
cg26718511	SCGN	chr6	0.568527328	- T2D risk	1stExon
cg21828951	CUL1	chr7	0.56856934	+ T2D risk	5'UTR
cg22074675	CHKA	chr11	0.568587806	+ T2D risk	1stExon
cg22074675	CHKA	chr11	0.568587806	+ T2D risk	5'UTR
cg00519208	EVI5	chr1	0.568659474	- T2D risk	TSS1500
cg17763260	MAST1	chr19	0.568826501	- T2D risk	Body
cg17201960	UXS1	chr2	0.568858709	+ T2D risk	Body
cg13119097	RNF157	chr17	0.568863656	+ T2D risk	Body
cg14661161	NCOA2	chr8	0.568893258	+ T2D risk	5'UTR
cg11499681	DNAH9	chr17	0.569082162	- T2D risk	TSS200
cg25264004	GAD1	chr2	0.569146172	- T2D risk	5'UTR
cg25646239	UXS1	chr2	0.569254386	+ T2D risk	Body
cg25646239	UXS1	chr2	0.569254386	+ T2D risk	TSS1500
cg03893806	DENND4C	chr9	0.569266418	- T2D risk	Body
cg15859278	UBE2K	chr4	0.569342188	+ T2D risk	Body
cg26833784	FLT1	chr13	0.569361493	+ T2D risk	3'UTR
cg11797265	ATXN1	chr6	0.569525763	+ T2D risk	5'UTR
cg23184174	SLIT3	chr5	0.56960564	- T2D risk	Body
cg23042387	DIP2C	chr10	0.569869202	+ T2D risk	Body
cg04502145	ROBO2	chr3	0.569870891	- T2D risk	5'UTR
cg04502145	ROBO2	chr3	0.569870891	- T2D risk	Body
cg20758834	ANK2	chr4	0.570126372	+ T2D risk	Body
cg12888632	PTPRU	chr1	0.57014381	- T2D risk	Body
cg13831483	RNF157	chr17	0.570167413	- T2D risk	Body
cg21005024	DDC	chr7	0.570168251	+ T2D risk	Body
cg01584205	RNF157	chr17	0.570330648	- T2D risk	Body
cg01584205	RNF157	chr17	0.570330648	- T2D risk	ExonBnd
cg14899615	ZHX2	chr8	0.57035627	+ T2D risk	5'UTR

cg05026785	KCNIP3	chr2	0.570511222	- T2D risk	TSS1500
cg08021602	DACH1	chr13	0.570550119	- T2D risk	Body
cg10936841	CPLX2	chr5	0.570613505	- T2D risk	5'UTR
cg18334288	DIP2C	chr10	0.570805833	+ T2D risk	Body
cg16232702	DDHD2	chr8	0.570870619	+ T2D risk	5'UTR
cg16232702	DDHD2	chr8	0.570870619	+ T2D risk	TSS200
cg07137244	NF1	chr17	0.570872322	- T2D risk	Body
cg09413378	ADCY5	chr3	0.570961963	- T2D risk	Body
cg09661016	SEZ6L	chr22	0.570962462	+ T2D risk	Body
cg09887953	SLIT3	chr5	0.571005392	+ T2D risk	Body
cg12172612	NUCB2	chr11	0.571073613	+ T2D risk	Body
cg12172612	NUCB2	chr11	0.571073613	+ T2D risk	ExonBnd
cg13999415	SSBP2	chr5	0.57125036	- T2D risk	TSS1500
cg00800606	ST8SIA1	chr12	0.571399558	+ T2D risk	3'UTR
cg04273674	NCOA7	chr6	0.571472485	- T2D risk	Body
cg04273674	NCOA7	chr6	0.571472485	- T2D risk	TSS1500
cg05147453	NCOA2	chr8	0.571634899	+ T2D risk	Body
cg24241655	ZRANB1	chr10	0.571687338	- T2D risk	Body
cg13263093	PHACTR1	chr6	0.571688241	+ T2D risk	Body
cg23204897	PHACTR1	chr6	0.571714276	- T2D risk	Body
cg26758826	TENM2	chr5	0.571750758	+ T2D risk	Body
cg25833403	DACH1	chr13	0.571810106	+ T2D risk	Body
cg03403093	INPP4A	chr2	0.571937755	+ T2D risk	5'UTR
cg10400227	COL4A1	chr13	0.571941158	- T2D risk	TSS1500
cg26697116	ST20	chr15	0.572037669	- T2D risk	5'UTR
cg26697116	ST20	chr15	0.572037669	- T2D risk	Body
cg17446583	BCAT1	chr12	0.572108705	+ T2D risk	Body
cg01323926	DLL4	chr15	0.572386431	- T2D risk	TSS1500
cg26648818	TOX3	chr16	0.572568422	+ T2D risk	TSS200
cg26648818	TOX3	chr16	0.572568422	+ T2D risk	TSS1500
cg20492354	ARL15	chr5	0.572617955	+ T2D risk	Body
cg11664313	DACH1	chr13	0.572816417	+ T2D risk	TSS1500
cg05380956	ULK4	chr3	0.572971479	- T2D risk	Body
cg24750627	PLAGL1	chr6	0.572990504	+ T2D risk	TSS1500
cg12528184	TMEM131	chr2	0.57301565	- T2D risk	Body
cg11102019	SEMA3G	chr3	0.573107584	- T2D risk	TSS200
cg10893864	ADCY5	chr3	0.573128006	- T2D risk	Body
cg02708898	ATP6V1H	chr8	0.573225047	- T2D risk	5'UTR
cg02708898	ATP6V1H	chr8	0.573225047	- T2D risk	TSS1500
cg02708898	ATP6V1H	chr8	0.573225047	- T2D risk	1stExon
cg20994699	PDE3A	chr12	0.573308655	- T2D risk	Body
cg10629367	ATXN1	chr6	0.573671816	+ T2D risk	5'UTR
cg19005390	COL4A1	chr13	0.57368051	- T2D risk	Body
cg13512138	CHID1	chr11	0.573743752	+ T2D risk	5'UTR
cg19212948	RBBP6	chr16	0.57396164	- T2D risk	5'UTR
cg19212948	RBBP6	chr16	0.57396164	- T2D risk	1stExon
cg17045869	SUB1	chr5	0.57399934	- T2D risk	5'UTR
cg17045869	SUB1	chr5	0.57399934	- T2D risk	1stExon
cg25942783	PPFIBP1	chr12	0.574033192	- T2D risk	5'UTR
cg08665196	ST8SIA1	chr12	0.57403638	+ T2D risk	Body
cg16922523	CADM1	chr11	0.574036522	+ T2D risk	Body
cg25335440	CUX1	chr7	0.574227704	+ T2D risk	Body
cg08896456	KCNIP3	chr2	0.574229998	+ T2D risk	Body
cg04332110	CLEC16A	chr16	0.574343919	- T2D risk	Body
cg04332110	CLEC16A	chr16	0.574343919	- T2D risk	ExonBnd
cg04279973	PRKCB	chr16	0.574346559	- T2D risk	TSS1500
cg02216200	PPFIBP1	chr12	0.574417051	+ T2D risk	5'UTR
cg02216200	PPFIBP1	chr12	0.574417051	+ T2D risk	Body
cg02067908	ERC2	chr3	0.57460737	+ T2D risk	3'UTR
cg01028000	ARL8B	chr3	0.574647575	- T2D risk	Body
cg23689697	SSB	chr2	0.574650686	+ T2D risk	Body
cg23689697	SSB	chr2	0.574650686	+ T2D risk	ExonBnd
cg21750800	CLEC16A	chr16	0.57470259	+ T2D risk	Body
cg22266009	KCNJ12	chr17	0.574806382	+ T2D risk	5'UTR
cg23165545	RHOA	chr3	0.575154982	- T2D risk	TSS200
cg07309144	NPEPPS	chr17	0.575265623	- T2D risk	Body
cg03627409	PTPRU	chr1	0.575321138	- T2D risk	Body
cg22528270	PRKAG2	chr7	0.575389636	- T2D risk	5'UTR
cg22528270	PRKAG2	chr7	0.575389636	- T2D risk	Body
cg15610472	ARL15	chr5	0.575411504	- T2D risk	Body

cg04927066	SPOCK1	chr5	0.575503013	- T2D risk	Body
cg25412448	PACRG	chr6	0.575649212	- T2D risk	Body
cg02659867	KDM4B	chr19	0.575687883	+ T2D risk	Body
cg01342448	ATRNL1	chr10	0.575712723	- T2D risk	Body
cg13781197	PDE8A	chr15	0.57576599	+ T2D risk	Body
cg26553736	GALK2	chr15	0.575786797	+ T2D risk	Body
cg12230180	GRK5	chr10	0.575964693	- T2D risk	Body
cg09543660	CLASP2	chr3	0.575981065	+ T2D risk	Body
cg10093934	PKD1	chr2	0.576024981	- T2D risk	Body
cg26428889	MET	chr7	0.576029912	- T2D risk	TSS1500
cg27262174	KREMEN1	chr22	0.576082497	- T2D risk	Body
cg22116492	MET	chr7	0.576297192	- T2D risk	Body
cg17878351	CLIC5	chr6	0.576377087	+ T2D risk	Body
cg20136435	CRYL1	chr13	0.576473628	+ T2D risk	TSS1500
cg25714057	ADCY5	chr3	0.576556177	- T2D risk	Body
cg23697486	CUX2	chr12	0.576643364	- T2D risk	Body
cg05897030	PPFIBP1	chr12	0.576644767	- T2D risk	5'UTR
cg20190649	SKAP1	chr17	0.576869668	- T2D risk	Body
cg14706661	CUX2	chr12	0.576980024	+ T2D risk	3'UTR
cg16448401	DIP2C	chr10	0.576985675	+ T2D risk	Body
cg21928347	CDH22	chr20	0.577005427	+ T2D risk	Body
cg02312647	INPP4A	chr2	0.577027129	+ T2D risk	Body
cg26059418	BCAT1	chr12	0.577156143	+ T2D risk	Body
cg13021301	CNTROB	chr17	0.577160778	+ T2D risk	1stExon
cg25638118	ARIH1	chr15	0.57741649	+ T2D risk	Body
cg03789645	CUL1	chr7	0.577543448	+ T2D risk	TSS1500
cg26467673	KIAA0355	chr19	0.577565928	- T2D risk	5'UTR
cg17252780	SNX4	chr3	0.577599293	+ T2D risk	Body
cg24282422	SNX4	chr3	0.577691673	- T2D risk	TSS200
cg20890687	PPFIBP1	chr12	0.577844473	+ T2D risk	Body
cg10164018	SMG7	chr1	0.577859045	- T2D risk	TSS1500
cg17897352	GRK5	chr10	0.577987386	+ T2D risk	Body
cg21245372	NUP98	chr11	0.578006681	+ T2D risk	TSS1500
cg04659658	DENND4C	chr9	0.578006704	+ T2D risk	TSS1500
cg27060609	SEZ6L	chr22	0.578094556	+ T2D risk	Body
cg13855589	ASH1L	chr1	0.578151408	+ T2D risk	Body
cg18208632	SLIT3	chr5	0.578343412	- T2D risk	Body
cg06613666	ARID2	chr12	0.578399258	+ T2D risk	TSS1500
cg01941881	PACS2	chr14	0.578455788	+ T2D risk	Body
cg26407811	PRKAG2	chr7	0.578470101	- T2D risk	Body
cg02377544	MEIS2	chr15	0.578482063	+ T2D risk	Body
cg18070802	GLG1	chr16	0.578515184	- T2D risk	Body
cg03592906	KDM4B	chr19	0.578749097	- T2D risk	Body
cg07910010	FARSB	chr2	0.578866188	- T2D risk	Body
cg19149140	NUP98	chr11	0.578973799	- T2D risk	3'UTR
cg15602999	PDE3A	chr12	0.579001094	- T2D risk	1stExon
cg15602999	PDE3A	chr12	0.579001094	- T2D risk	Body
cg12901835	GNA12	chr7	0.579031902	+ T2D risk	Body
cg03830169	INPP4A	chr2	0.57903255	+ T2D risk	Body
cg04566019	TENM2	chr5	0.579071938	- T2D risk	Body
cg12759997	TMEM59	chr1	0.579303995	- T2D risk	1stExon
cg23698832	SLC29A4	chr7	0.579308063	+ T2D risk	Body
cg03348965	PDE5A	chr4	0.579511928	+ T2D risk	Body
cg10296301	PACRG	chr6	0.579515354	- T2D risk	Body
cg11839771	ST20	chr15	0.57970671	+ T2D risk	5'UTR
cg07236912	PDLIM5	chr4	0.579911751	+ T2D risk	Body
cg09769542	TOX3	chr16	0.580004692	+ T2D risk	TSS1500
cg20085125	ATP6V1A	chr3	0.580060484	+ T2D risk	Body
cg04555836	MYO6	chr6	0.580148192	- T2D risk	TSS1500
cg01263942	DIP2C	chr10	0.580152944	- T2D risk	Body
cg16739639	ITPKB	chr1	0.58018396	+ T2D risk	Body
cg26980138	MDM1	chr12	0.580210418	- T2D risk	TSS1500
cg23263176	TENM2	chr5	0.580249248	+ T2D risk	Body
cg06085476	CLOCK	chr4	0.580370065	- T2D risk	TSS1500
cg07102262	PPFIBP1	chr12	0.58042185	+ T2D risk	5'UTR
cg05070265	ERC2	chr3	0.580543761	+ T2D risk	Body
cg16366546	KIAA1217	chr10	0.580564242	+ T2D risk	Body
cg24470298	DIP2C	chr10	0.580591368	+ T2D risk	Body
cg09300914	NGLY1	chr3	0.580638485	- T2D risk	Body
cg09300914	OXSM	chr3	0.580638485	- T2D risk	TSS1500

cg04825276	DIP2C	chr10	0.58079084	+ T2D risk	Body
cg14886857	MEIS2	chr15	0.581033257	+ T2D risk	Body
cg26765295	CLEC16A	chr16	0.581067511	- T2D risk	Body
cg09980876	TAB2	chr6	0.581075106	+ T2D risk	Body
cg01260541	MAN1A1	chr6	0.581077824	- T2D risk	3'UTR
cg24532476	CHFR	chr12	0.581083055	+ T2D risk	Body
cg13250776	ATP8A2	chr13	0.581204834	+ T2D risk	Body
cg03486689	USP53	chr4	0.581218747	- T2D risk	5'UTR
cg03486689	USP53	chr4	0.581218747	- T2D risk	1stExon
cg18936283	DIP2C	chr10	0.581277378	+ T2D risk	Body
cg18835815	ATP6V1H	chr8	0.581278232	+ T2D risk	TSS1500
cg11588932	NPAT	chr11	0.581294193	+ T2D risk	Body
cg05698732	COL4A1	chr13	0.581306555	+ T2D risk	Body
cg16824480	RNF157	chr17	0.581490423	- T2D risk	Body
cg17347903	WWP2	chr16	0.581572869	+ T2D risk	5'UTR
cg12158810	KCNIP3	chr2	0.581783554	+ T2D risk	TSS1500
cg24933651	ROBO2	chr3	0.582044266	- T2D risk	TSS200
cg24933651	ROBO2	chr3	0.582044266	- T2D risk	Body
cg05041125	GRK5	chr10	0.58209674	- T2D risk	Body
cg04183188	RGS7	chr1	0.582287551	+ T2D risk	Body
cg16356528	PI15	chr8	0.582498679	+ T2D risk	Body
cg20180629	CUX1	chr7	0.582527118	- T2D risk	Body
cg17280671	ATP8A1	chr4	0.582595598	+ T2D risk	Body
cg09030592	ST8SIA1	chr12	0.582641793	+ T2D risk	5'UTR
cg09030592	ST8SIA1	chr12	0.582641793	+ T2D risk	Body
cg00127725	ST6GAL1	chr3	0.582681993	+ T2D risk	Body
cg10077239	PRKD1	chr14	0.582741583	- T2D risk	TSS1500
cg11820818	PHF21A	chr11	0.582761003	+ T2D risk	5'UTR
cg18083595	USP29	chr19	0.582794285	- T2D risk	TSS1500
cg08036668	GALK2	chr15	0.582814332	- T2D risk	Body
cg08036668	GALK2	chr15	0.582814332	- T2D risk	TSS1500
cg12833451	CLASP2	chr3	0.582928549	- T2D risk	Body
cg11778573	CUX1	chr7	0.582964105	+ T2D risk	Body
cg17798175	PACS1	chr11	0.582988213	+ T2D risk	Body
cg01278718	PACS1	chr11	0.583022263	+ T2D risk	Body
cg19376807	PICALM	chr11	0.583078712	+ T2D risk	Body
cg02154972	KIAA1217	chr10	0.583101057	- T2D risk	5'UTR
cg15944762	SPAG9	chr17	0.583152278	+ T2D risk	1stExon
cg25019847	GRK5	chr10	0.583202803	- T2D risk	Body
cg25871594	RAP1GAP2	chr17	0.583265507	+ T2D risk	Body
cg08234256	COL4A1	chr13	0.583516806	- T2D risk	Body
cg23762306	CREBBP	chr16	0.583549375	+ T2D risk	Body
cg15825617	GALK2	chr15	0.583563874	+ T2D risk	Body
cg06835392	CUX2	chr12	0.583571891	- T2D risk	Body
cg09839914	PPP1R12A	chr12	0.583616194	- T2D risk	Body
cg03424584	CDK8	chr13	0.583639583	- T2D risk	Body
cg15547162	GALK2	chr15	0.583670833	- T2D risk	Body
cg16023991	TSC22D1	chr13	0.583961703	+ T2D risk	Body
cg08720527	PTPRU	chr1	0.583986917	- T2D risk	Body
cg11168904	ATP8A1	chr4	0.584001794	+ T2D risk	Body
cg02182571	USP53	chr4	0.584026572	- T2D risk	TSS1500
cg26207423	HMBOX1	chr8	0.584102591	+ T2D risk	5'UTR
cg21820708	CDH22	chr20	0.584122327	+ T2D risk	Body
cg01904227	DNAJC1	chr10	0.584166681	- T2D risk	Body
cg15814658	SPAG9	chr17	0.584301357	- T2D risk	5'UTR
cg15814658	SPAG9	chr17	0.584301357	- T2D risk	1stExon
cg04975172	TTC28	chr22	0.58449029	+ T2D risk	Body
cg13432154	PRMT3	chr11	0.584506847	- T2D risk	TSS200
cg09670276	PCYT1A	chr3	0.584552221	- T2D risk	5'UTR
cg12591318	TAZ	chrX	0.584557587	+ T2D risk	ExonBnd
cg12591318	TAZ	chrX	0.584557587	+ T2D risk	Body
cg10180848	GRK5	chr10	0.584624511	+ T2D risk	Body
cg04434611	PDLIM5	chr4	0.584655434	- T2D risk	5'UTR
cg04434611	PDLIM5	chr4	0.584655434	- T2D risk	Body
cg10610482	NPAT	chr11	0.584692296	+ T2D risk	Body
cg08585518	RSF1	chr11	0.584732713	+ T2D risk	Body
cg08585518	RSF1	chr11	0.584732713	+ T2D risk	ExonBnd
cg04926668	PACS2	chr14	0.584781833	- T2D risk	Body
cg14030258	PTPRU	chr1	0.584878862	+ T2D risk	Body
cg12936255	ST6GAL1	chr3	0.584921433	+ T2D risk	5'UTR

cg17817619	PACRG	chr6	0.58505903	- T2D risk	TSS200
cg17817619	PACRG	chr6	0.58505903	- T2D risk	TSS1500
cg08345526	ITPKB	chr1	0.585089858	- T2D risk	Body
cg01954514	CHFR	chr12	0.585096906	- T2D risk	Body
cg19703240	CUX1	chr7	0.585166146	+ T2D risk	Body
cg00006301	ANK3	chr10	0.585185974	+ T2D risk	TSS200
cg00006301	ANK3	chr10	0.585185974	+ T2D risk	Body
cg03448612	GAD1	chr2	0.585280328	+ T2D risk	TSS1500
cg02896222	KREMEN1	chr22	0.58537688	- T2D risk	Body
cg14802481	MYO6	chr6	0.585446489	+ T2D risk	Body
cg16143378	CADM1	chr11	0.585500216	+ T2D risk	Body
cg13671526	ADCY5	chr3	0.585520763	- T2D risk	Body
cg01379400	AGPAT3	chr21	0.58557681	+ T2D risk	Body
cg03295552	DIP2C	chr10	0.585587005	+ T2D risk	Body
cg19895185	PACS2	chr14	0.58567368	- T2D risk	Body
cg23423910	KIAA1109	chr4	0.585685022	+ T2D risk	Body
cg15030415	RAP1GAP2	chr17	0.585733139	- T2D risk	Body
cg22221575	PCYT1A	chr3	0.585832656	+ T2D risk	3'UTR
cg21521683	ST8SIA1	chr12	0.585882642	+ T2D risk	TSS200
cg08934607	PRMT3	chr11	0.586012495	+ T2D risk	Body
cg08934607	PRMT3	chr11	0.586012495	+ T2D risk	5'UTR
cg08470863	ROBO2	chr3	0.586092224	- T2D risk	Body
cg18914215	TPCN1	chr12	0.586126819	+ T2D risk	TSS200
cg24101578	CDH22	chr20	0.586131382	+ T2D risk	1stExon
cg24101578	CDH22	chr20	0.586131382	+ T2D risk	5'UTR
cg01814572	TENM2	chr5	0.586246164	+ T2D risk	Body
cg23380468	PLAGL1	chr6	0.586296344	- T2D risk	5'UTR
cg23380468	PLAGL1	chr6	0.586296344	- T2D risk	ExonBnd
cg18479322	PACRG	chr6	0.586312215	- T2D risk	Body
cg02558361	ACTN4	chr19	0.58636861	+ T2D risk	Body
cg20559819	SRPK2	chr7	0.586374048	+ T2D risk	TSS200
cg20559819	SRPK2	chr7	0.586374048	+ T2D risk	Body
cg20559819	SRPK2	chr7	0.586374048	+ T2D risk	5'UTR
cg18804920	CNTNAP2	chr7	0.586383006	- T2D risk	Body
cg09279763	GNA12	chr7	0.586429204	- T2D risk	Body
cg07130623	LMX1B	chr9	0.586443262	+ T2D risk	Body
cg08130736	CDH22	chr20	0.586510982	- T2D risk	TSS1500
cg10295298	HMBX1	chr8	0.586547385	- T2D risk	Body
cg20180059	WDR47	chr1	0.586562292	- T2D risk	5'UTR
cg14731933	TMEM150C	chr4	0.586591783	- T2D risk	TSS200
cg16594007	USP29	chr19	0.586657676	+ T2D risk	Body
cg17229698	SLIT3	chr5	0.58672752	- T2D risk	Body
cg12655303	ANK3	chr10	0.586834843	+ T2D risk	Body
cg18531559	ULK4	chr3	0.586945367	+ T2D risk	TSS200
cg06751794	TTC28	chr22	0.586972395	- T2D risk	Body
cg13390630	CDH22	chr20	0.587668723	+ T2D risk	Body
cg22021740	APBA1	chr9	0.587839776	+ T2D risk	1stExon
cg22021740	APBA1	chr9	0.587839776	+ T2D risk	5'UTR
cg13589945	SCAF8	chr6	0.587926517	+ T2D risk	Body
cg21802096	ERC2	chr3	0.587978069	- T2D risk	Body
cg24709263	SPAG9	chr17	0.587993402	- T2D risk	Body
cg20545410	ITGB1	chr10	0.588117945	+ T2D risk	5'UTR
cg21973527	KDM4B	chr19	0.588173347	- T2D risk	Body
cg12450135	ATP8A2	chr13	0.588183395	+ T2D risk	Body
cg00036171	SPAG9	chr17	0.588229405	+ T2D risk	Body
cg24181213	IMPA1	chr8	0.588312672	- T2D risk	Body
cg20148227	ASH1L	chr1	0.588346586	+ T2D risk	Body
cg00250092	ACSS2	chr20	0.588379871	- T2D risk	TSS1500
cg25985144	RBM4	chr11	0.588386799	- T2D risk	Body
cg07839256	RBBP6	chr16	0.588420125	- T2D risk	Body
cg07839256	RBBP6	chr16	0.588420125	- T2D risk	ExonBnd
cg01941253	WIZ	chr19	0.588432837	+ T2D risk	Body
cg21647114	CUX1	chr7	0.588455939	+ T2D risk	Body
cg00340225	PRKCE	chr2	0.588510352	+ T2D risk	Body
cg04373017	PRKAG2	chr7	0.588521971	+ T2D risk	Body
cg18864804	ATRNL1	chr10	0.588613087	- T2D risk	Body
cg23097277	PPFIBP1	chr12	0.588618659	+ T2D risk	TSS1500
cg03247926	FLT1	chr13	0.588676509	+ T2D risk	TSS1500
cg09851245	ASH1L	chr1	0.588703605	+ T2D risk	5'UTR
cg00639215	MGRN1	chr16	0.588720336	- T2D risk	Body

cg05682745	SRPK2	chr7	0.588729395	- T2D risk	Body
cg17070775	NUP98	chr11	0.588793099	+ T2D risk	Body
cg05911659	CPLX2	chr5	0.588808649	- T2D risk	5'UTR
cg05911659	CPLX2	chr5	0.588808649	- T2D risk	1stExon
cg17154701	CADM1	chr11	0.588848759	- T2D risk	Body
cg06172116	ANKHD1	chr5	0.589051768	- T2D risk	Body
cg14397918	APBA1	chr9	0.589068182	- T2D risk	Body
cg14731942	INPP4A	chr2	0.589162163	+ T2D risk	Body
cg06847678	ZRANB1	chr10	0.589196461	- T2D risk	TSS1500
cg26587228	USP29	chr19	0.589271023	+ T2D risk	Body
cg09038531	PFKFB2	chr1	0.589386038	+ T2D risk	ExonBnd
cg09038531	PFKFB2	chr1	0.589386038	+ T2D risk	Body
cg22675660	RAP1GAP2	chr17	0.589402809	- T2D risk	Body
cg01020035	DIP2C	chr10	0.589681378	- T2D risk	Body
cg15777599	NOTCH3	chr19	0.590010865	- T2D risk	ExonBnd
cg15777599	NOTCH3	chr19	0.590010865	- T2D risk	Body
cg02972093	PTPRU	chr1	0.590018979	- T2D risk	Body
cg09240436	USP29	chr19	0.590097016	+ T2D risk	TSS1500
cg05789432	SLIT3	chr5	0.590177727	+ T2D risk	Body
cg19046175	TENM2	chr5	0.590300375	- T2D risk	Body
cg22375856	TBC1D5	chr3	0.590350351	+ T2D risk	Body
cg12687212	PHACTR1	chr6	0.590672838	- T2D risk	Body
cg00067702	TENM2	chr5	0.590800525	- T2D risk	Body
cg14712611	ANK2	chr4	0.590827083	- T2D risk	1stExon
cg14712611	ANK2	chr4	0.590827083	- T2D risk	5'UTR
cg04274883	PHACTR1	chr6	0.590970734	- T2D risk	Body
cg10253902	DACH1	chr13	0.591266522	- T2D risk	Body
cg19175314	USP53	chr4	0.591277586	+ T2D risk	Body
cg20293874	TTC28	chr22	0.591346877	- T2D risk	Body
cg20566776	ITGA1	chr5	0.591428576	- T2D risk	Body
cg23785771	PRKAG2	chr7	0.591451074	+ T2D risk	Body
cg15548246	PHACTR1	chr6	0.591454411	+ T2D risk	Body
cg22159468	TJP1	chr15	0.591511694	+ T2D risk	Body
cg07315815	PLEKHG3	chr14	0.591547275	+ T2D risk	Body
cg06637168	PHF21A	chr11	0.591580344	+ T2D risk	Body
cg17495836	SUB1	chr5	0.59166564	+ T2D risk	5'UTR
cg05118636	GALK2	chr15	0.59171503	- T2D risk	Body
cg05118636	GALK2	chr15	0.59171503	- T2D risk	TSS200
cg03024546	CLEC16A	chr16	0.591755199	+ T2D risk	Body
cg00651363	KDM4B	chr19	0.591795369	- T2D risk	Body
cg22625415	ITGA1	chr5	0.591908245	+ T2D risk	Body
cg00977926	ARL15	chr5	0.591972862	- T2D risk	Body
cg24552660	AGPAT3	chr21	0.592061259	+ T2D risk	3'UTR
cg25798832	KIAA0355	chr19	0.592118483	+ T2D risk	5'UTR
cg24800810	RGS7	chr1	0.592141326	- T2D risk	TSS1500
cg09781768	DIP2C	chr10	0.592148286	- T2D risk	Body
cg26797263	KIAA1217	chr10	0.592220352	+ T2D risk	Body
cg10379077	CLEC16A	chr16	0.592236552	+ T2D risk	Body
cg00179576	GLG1	chr16	0.592336621	- T2D risk	3'UTR
cg00179576	GLG1	chr16	0.592336621	- T2D risk	Body
cg19008597	BCAT1	chr12	0.5925762	- T2D risk	TSS200
cg24066742	SEZ6L	chr22	0.592615193	+ T2D risk	Body
cg26251460	CLEC16A	chr16	0.592638057	- T2D risk	Body
cg26075933	MEIS2	chr15	0.592642227	+ T2D risk	Body
cg21687610	FNIP2	chr4	0.592721674	+ T2D risk	Body
cg12600072	COL4A1	chr13	0.592841553	+ T2D risk	Body
cg14445459	CPLX2	chr5	0.592902205	+ T2D risk	5'UTR
cg08710739	CUX2	chr12	0.592930475	+ T2D risk	TSS1500
ch.16.1684049R	GLG1	chr16	0.593089434	- T2D risk	Body
cg11727338	DIP2C	chr10	0.593097502	- T2D risk	Body
cg16512239	SPPL2A	chr15	0.593126579	- T2D risk	TSS200
cg12690846	ITPKB	chr1	0.593137275	- T2D risk	Body
cg22539706	KIAA1217	chr10	0.593239419	- T2D risk	Body
cg11450831	PPP1R12A	chr12	0.593328158	- T2D risk	Body
cg11375679	EVI5	chr1	0.593337176	+ T2D risk	Body
cg27054608	ULK4	chr3	0.593427247	+ T2D risk	Body
cg21718261	NCOA2	chr8	0.593452576	- T2D risk	Body
cg05134404	SLC30A8	chr8	0.593638351	- T2D risk	TSS1500
cg06197356	MAN1A1	chr6	0.593903274	- T2D risk	Body
cg21008776	PRKCB	chr16	0.59391792	- T2D risk	Body

cg13217374	ERC2	chr3	0.593964853	- T2D risk	Body
cg06865501	DNAJC13	chr3	0.594037695	+ T2D risk	Body
cg18581392	CUX2	chr12	0.59412616	+ T2D risk	Body
cg01685977	GLG1	chr16	0.594259757	- T2D risk	Body
cg02134095	ITGB1	chr10	0.594328426	+ T2D risk	TSS1500
cg23631322	DYNC1I2	chr2	0.594356054	- T2D risk	TSS1500
cg22430036	CALD1	chr7	0.594470793	- T2D risk	Body
cg02872232	GPC4	chrX	0.594483488	- T2D risk	Body
cg10952950	ITPKB	chr1	0.594522185	+ T2D risk	Body
cg15621731	KDM4B	chr19	0.594543384	+ T2D risk	Body
cg19203911	SRPK2	chr7	0.594545194	+ T2D risk	Body
cg11908041	PHACTR1	chr6	0.594589112	+ T2D risk	Body
cg04777988	DDK2	chr4	0.594729461	+ T2D risk	Body
cg03185022	GNA12	chr7	0.594960067	- T2D risk	TSS200
cg12681329	ANK3	chr10	0.595010003	- T2D risk	Body
cg11974158	ATRNL1	chr10	0.595100483	+ T2D risk	Body
cg17440417	DIP2C	chr10	0.595259364	- T2D risk	Body
cg14123409	RAP1GAP2	chr17	0.595353516	+ T2D risk	Body
cg14233959	GRK5	chr10	0.595381767	+ T2D risk	Body
cg19903156	ST6GAL1	chr3	0.595630148	+ T2D risk	5'UTR
cg14320220	PCYT1A	chr3	0.595637712	- T2D risk	5'UTR
cg02021485	PACS1	chr11	0.595810774	+ T2D risk	Body
cg25512177	PRMT3	chr11	0.595929506	- T2D risk	TSS1500
cg27291128	NCOA7	chr6	0.596024302	+ T2D risk	Body
cg17773654	KDM4B	chr19	0.596209929	- T2D risk	Body
cg11697861	WIZ	chr19	0.596237799	+ T2D risk	3'UTR
cg24563011	TBC1D5	chr3	0.596496296	+ T2D risk	Body
cg09400362	TMEM131	chr2	0.596609235	- T2D risk	Body
cg08732749	DNAH9	chr17	0.596646819	+ T2D risk	5'UTR
cg08732749	DNAH9	chr17	0.596646819	+ T2D risk	Body
cg22247442	ATRNL1	chr10	0.596676225	+ T2D risk	Body
cg10844578	ENAH	chr1	0.596750532	- T2D risk	Body
cg16721194	CUX2	chr12	0.596798372	- T2D risk	Body
cg19783291	CUX1	chr7	0.596848402	+ T2D risk	Body
cg07276634	SEZ6L	chr22	0.596877018	- T2D risk	Body
cg23454082	RTN4	chr2	0.596908521	- T2D risk	Body
cg23454082	RTN4	chr2	0.596908521	- T2D risk	5'UTR
cg15697820	NPEPPS	chr17	0.597026152	- T2D risk	Body
cg26110900	ANK3	chr10	0.597400163	- T2D risk	Body
cg05483534	RHOQ	chr2	0.59741328	- T2D risk	Body
cg00358092	ERC2	chr3	0.597509885	- T2D risk	3'UTR
cg02819375	PACS2	chr14	0.597660336	- T2D risk	Body
cg27374572	APC	chr5	0.597694449	- T2D risk	Body
cg13378563	KCNIP3	chr2	0.59775681	+ T2D risk	Body
cg20351160	PDLIM5	chr4	0.597807966	+ T2D risk	5'UTR
cg20351160	PDLIM5	chr4	0.597807966	+ T2D risk	Body
cg14650610	SPOCK1	chr5	0.597848285	- T2D risk	5'UTR
cg10335743	DDC	chr7	0.597857116	- T2D risk	TSS1500
cg10179984	ANK2	chr4	0.59803013	- T2D risk	5'UTR
cg06773625	ANK2	chr4	0.598097001	+ T2D risk	Body
cg15455539	KIAA0355	chr19	0.598134594	+ T2D risk	3'UTR
cg07291135	DIP2C	chr10	0.598135827	+ T2D risk	Body
cg00765111	TENM2	chr5	0.598200581	+ T2D risk	Body
cg06115214	SPOCK1	chr5	0.598335026	+ T2D risk	Body
cg02587534	PRKACB	chr1	0.598536986	- T2D risk	Body
cg12083083	DIP2C	chr10	0.59854205	- T2D risk	Body
cg18059272	CUX1	chr7	0.598718706	+ T2D risk	Body
cg04044936	DIP2C	chr10	0.598753365	+ T2D risk	Body
cg23647784	KIAA1217	chr10	0.598796432	+ T2D risk	5'UTR
cg02086580	CHFR	chr12	0.59885602	+ T2D risk	Body
cg10386105	PRKCE	chr2	0.598864403	- T2D risk	Body
cg15416440	COL4A1	chr13	0.599072575	- T2D risk	Body
cg03407756	ATP6V1A	chr3	0.599090586	+ T2D risk	TSS1500
cg14342648	CMTR1	chr6	0.599104042	- T2D risk	Body
cg18219250	ANK2	chr4	0.599185352	+ T2D risk	5'UTR
cg05687930	ENAH	chr1	0.599237973	- T2D risk	1stExon
cg05687930	ENAH	chr1	0.599237973	- T2D risk	5'UTR
cg06692211	ARPP19	chr15	0.59933978	+ T2D risk	TSS1500
cg17815886	PDLIM5	chr4	0.599391756	- T2D risk	Body
cg03120983	ST20	chr15	0.599579881	- T2D risk	Body

cg03120983	ST20	chr15	0.599579881	- T2D risk	5'UTR
cg20251943	DIP2C	chr10	0.599634294	- T2D risk	Body
cg13908149	DIP2C	chr10	0.59986439	- T2D risk	Body
cg27040423	CHFR	chr12	0.599877391	- T2D risk	TSS1500
cg13285181	PLAGL1	chr6	0.599935482	- T2D risk	5'UTR
cg01142066	KCNIP3	chr2	0.599941732	+ T2D risk	Body
cg04395875	CUX2	chr12	0.599978422	- T2D risk	Body
cg02329226	PACS1	chr11	0.600051781	+ T2D risk	Body
cg17730623	GLG1	chr16	0.600079645	+ T2D risk	Body
cg16410976	ANK2	chr4	0.600102582	+ T2D risk	Body
cg26884705	PTP4A2	chr1	0.600109686	+ T2D risk	Body
cg21293589	PACRG	chr6	0.600122928	- T2D risk	Body
cg03910065	CADM1	chr11	0.600249692	- T2D risk	Body
cg14481469	PRKAG2	chr7	0.600283258	- T2D risk	Body
cg07511721	SLC29A4	chr7	0.600455577	+ T2D risk	Body
cg07884432	LAMA4	chr6	0.600605941	- T2D risk	ExonBnd
cg07884432	LAMA4	chr6	0.600605941	- T2D risk	Body
cg07536328	TIMM23	chr10	0.6007187	+ T2D risk	3'UTR
cg19767048	CLEC16A	chr16	0.600833868	- T2D risk	Body
cg00096522	DNAJC1	chr10	0.600935769	- T2D risk	Body
cg18816170	PHF21A	chr11	0.600965781	+ T2D risk	5'UTR
cg02163033	RCAN2	chr6	0.601016222	- T2D risk	5'UTR
cg06307939	MAST1	chr19	0.601085483	+ T2D risk	Body
cg12652063	DACH1	chr13	0.601086352	- T2D risk	TSS200
cg08930413	PRKAG2	chr7	0.60110127	+ T2D risk	Body
cg20230569	DIP2C	chr10	0.601147547	+ T2D risk	Body
cg14053575	CNTNAP2	chr7	0.601303389	+ T2D risk	Body
cg17219055	SPPL2A	chr15	0.60133157	- T2D risk	Body
cg09752223	NOTCH3	chr19	0.601397428	- T2D risk	Body
cg12300465	SRPK2	chr7	0.60162604	- T2D risk	Body
cg00693240	MGRN1	chr16	0.601759438	- T2D risk	Body
cg20769455	ATP8A2	chr13	0.60196013	- T2D risk	Body
cg01561777	TSHZ1	chr18	0.602013947	- T2D risk	Body
cg08790730	NCOA2	chr8	0.60203416	- T2D risk	Body
cg16457440	GAD1	chr2	0.602162955	- T2D risk	Body
cg07869907	CDH22	chr20	0.602204203	+ T2D risk	Body
cg20618615	DIP2C	chr10	0.602222913	- T2D risk	Body
cg03598811	LCA5	chr6	0.602230462	- T2D risk	TSS1500
cg03664994	RTN4	chr2	0.602325622	+ T2D risk	Body
cg00551455	INPP4A	chr2	0.602325882	- T2D risk	Body
cg01129966	SVIP	chr11	0.602423612	- T2D risk	TSS200
cg21859201	NUP98	chr11	0.602470004	- T2D risk	Body
cg22564026	PACRG	chr6	0.602490197	- T2D risk	Body
cg03504469	LMX1B	chr9	0.602542646	+ T2D risk	TSS1500
ch.3.1226245F	ERC2	chr3	0.602548908	- T2D risk	Body
cg14001161	POLA1	chrX	0.602551722	- T2D risk	Body
cg14211549	ARPP19	chr15	0.602683893	+ T2D risk	TSS1500
cg01777212	MET	chr7	0.602855802	+ T2D risk	Body
cg04327759	PACS1	chr11	0.603041968	+ T2D risk	Body
cg01573089	DIP2C	chr10	0.60326483	+ T2D risk	Body
cg10137676	LAMA4	chr6	0.603300947	+ T2D risk	Body
cg04338128	PRKCE	chr2	0.603334601	- T2D risk	Body
cg14354881	RAP1GAP2	chr17	0.603336655	+ T2D risk	Body
cg16907110	KIAA1217	chr10	0.603449026	+ T2D risk	Body
cg02588499	KREMEN1	chr22	0.603467947	- T2D risk	Body
cg16884847	PRKCE	chr2	0.603468141	+ T2D risk	Body
cg08393822	UNC80	chr2	0.603691221	- T2D risk	Body
cg12063580	PACS2	chr14	0.603765196	- T2D risk	Body
cg21105835	POC1B	chr12	0.603811142	- T2D risk	TSS200
cg21105835	POC1B	chr12	0.603811142	- T2D risk	TSS1500
cg16506970	KIAA0232	chr4	0.603837823	+ T2D risk	5'UTR
cg04961042	PRKD1	chr14	0.604009245	+ T2D risk	Body
cg18585306	TBC1D5	chr3	0.604011244	+ T2D risk	5'UTR
cg18585306	TBC1D5	chr3	0.604011244	+ T2D risk	TSS1500
cg23186959	MEIS2	chr15	0.604061301	- T2D risk	5'UTR
cg23186959	MEIS2	chr15	0.604061301	- T2D risk	1stExon
cg23186959	MEIS2	chr15	0.604061301	- T2D risk	Body
cg23186959	MEIS2	chr15	0.604061301	- T2D risk	TSS200
cg23186959	MEIS2	chr15	0.604061301	- T2D risk	TSS1500
cg14491224	PHACTR1	chr6	0.604093851	- T2D risk	Body

cg13928313	GNA12	chr7	0.604108235	+ T2D risk	Body
cg24209738	ATXN1	chr6	0.60415038	- T2D risk	3'UTR
cg23267224	SEC31A	chr4	0.60416045	+ T2D risk	Body
cg00157109	PRKAG2	chr7	0.604190843	+ T2D risk	Body
cg04420481	ANK2	chr4	0.604215195	+ T2D risk	Body
cg08039562	ATP8A2	chr13	0.60427168	- T2D risk	Body
cg01404163	TOX3	chr16	0.604400727	- T2D risk	TSS200
cg01404163	TOX3	chr16	0.604400727	- T2D risk	TSS1500
cg11020333	GNA12	chr7	0.604485645	+ T2D risk	Body
cg17569934	NPEPPS	chr17	0.604684485	- T2D risk	Body
cg13937817	APBA1	chr9	0.604738614	+ T2D risk	5'UTR
cg00178998	PPFIBP1	chr12	0.604853776	- T2D risk	5'UTR
cg06273402	ANK2	chr4	0.604858283	- T2D risk	Body
cg06985664	MET	chr7	0.604878248	+ T2D risk	Body
cg11722768	ANK3	chr10	0.604899703	+ T2D risk	Body
cg05082805	CNTNAP2	chr7	0.604933425	+ T2D risk	Body
cg01159576	LMX1B	chr9	0.605012196	- T2D risk	Body
cg20557071	SGSM2	chr17	0.605079765	+ T2D risk	Body
cg09108394	PRKCB	chr16	0.605082994	- T2D risk	Body
cg14756271	PRKCE	chr2	0.605088478	- T2D risk	Body
cg25673720	RNF157	chr17	0.605438302	+ T2D risk	Body
cg06651180	CUX1	chr7	0.605780185	+ T2D risk	Body
cg22500102	PFKFB2	chr1	0.605888038	- T2D risk	5'UTR
cg11886031	ANK3	chr10	0.606027399	- T2D risk	Body
cg04128563	AMD1	chr6	0.606151544	- T2D risk	TSS1500
cg00576027	DNAH9	chr17	0.606236975	+ T2D risk	TSS1500
cg02428753	KCNJ12	chr17	0.606291678	- T2D risk	TSS1500
cg03157766	NCOR1	chr17	0.606385813	- T2D risk	Body
cg23327556	SLIT3	chr5	0.606422738	+ T2D risk	Body
cg16547341	USP29	chr19	0.606456435	- T2D risk	TSS1500
cg04363087	TENM2	chr5	0.606506287	- T2D risk	Body
cg00089122	PDE3A	chr12	0.606586334	+ T2D risk	Body
cg12354377	ANK3	chr10	0.606672658	- T2D risk	TSS200
cg19205498	CHFR	chr12	0.606685031	- T2D risk	Body
cg15643158	ATXN1	chr6	0.606724977	- T2D risk	3'UTR
cg24084719	ACTN4	chr19	0.606729015	- T2D risk	Body
cg07904429	SVIP	chr11	0.606775896	+ T2D risk	TSS1500
cg16025094	CPLX2	chr5	0.607027451	+ T2D risk	5'UTR
cg16025094	CPLX2	chr5	0.607027451	+ T2D risk	1stExon
cg03662064	FLT1	chr13	0.60703559	+ T2D risk	TSS1500
cg05148610	PHF21A	chr11	0.607222708	+ T2D risk	3'UTR
cg05048199	FBXL2	chr3	0.607273575	+ T2D risk	5'UTR
cg05048199	FBXL2	chr3	0.607273575	+ T2D risk	1stExon
cg16959387	PPFIBP1	chr12	0.607274972	- T2D risk	5'UTR
cg18961773	RNF157	chr17	0.607399541	- T2D risk	Body
cg10706073	SKAP1	chr17	0.607422227	- T2D risk	Body
cg03051880	MAN1A1	chr6	0.607479991	- T2D risk	Body
cg11137980	SEMA3G	chr3	0.607513878	- T2D risk	3'UTR
cg02433807	CLEC16A	chr16	0.607758702	- T2D risk	Body
cg02447471	DYNC111	chr7	0.607775191	+ T2D risk	Body
cg19961183	TANC2	chr17	0.607791195	- T2D risk	Body
cg17547544	AGPAT3	chr21	0.607809912	- T2D risk	5'UTR
cg08964563	MET	chr7	0.608165627	- T2D risk	5'UTR
cg13882278	KIAA1217	chr10	0.608496327	- T2D risk	TSS200
cg08988698	RTN4	chr2	0.608521897	- T2D risk	Body
cg06962875	AGPAT3	chr21	0.608544571	+ T2D risk	5'UTR
cg06755671	CNTNAP2	chr7	0.608581904	+ T2D risk	Body
cg21177426	MEIS2	chr15	0.60861272	+ T2D risk	Body
cg02237883	RAP1GAP2	chr17	0.608801197	+ T2D risk	Body
cg05052687	TTC28	chr22	0.608977815	- T2D risk	Body
cg08646535	PRKCE	chr2	0.609028711	+ T2D risk	Body
cg13006424	TMEM131	chr2	0.609159969	+ T2D risk	Body
cg06897650	MTHFS	chr15	0.609316483	- T2D risk	Body
cg02178768	CDH22	chr20	0.609322305	+ T2D risk	Body
cg03003544	PRKCE	chr2	0.609456225	- T2D risk	Body
cg05381331	ARIH1	chr15	0.60950372	- T2D risk	TSS1500
cg00379657	CHFR	chr12	0.609560111	- T2D risk	Body
cg15549075	PRKCE	chr2	0.609590306	- T2D risk	Body
cg22102964	FBXL2	chr3	0.609637967	- T2D risk	Body
cg05087909	YWHAQ	chr2	0.609804131	+ T2D risk	TSS200

cg15858897	CHKA	chr11	0.609834475	- T2D risk	TSS200
cg00056280	GNA12	chr7	0.609918945	- T2D risk	Body
cg00056280	GNA12	chr7	0.609918945	- T2D risk	TSS200
cg09540957	TMEM131	chr2	0.610047148	- T2D risk	Body
cg11223286	DIP2C	chr10	0.610053165	+ T2D risk	Body
cg19065299	RGS7	chr1	0.610065391	- T2D risk	Body
cg23169604	RGS7	chr1	0.610203649	- T2D risk	Body
cg26548251	CNTNAP2	chr7	0.610252984	+ T2D risk	Body
cg21356998	ANK2	chr4	0.610276244	+ T2D risk	Body
cg06359059	NQO1	chr16	0.610462807	+ T2D risk	Body
cg10709852	ULK4	chr3	0.610467646	- T2D risk	Body
cg01313180	TOP2A	chr17	0.610489337	- T2D risk	TSS1500
cg20063214	PRKCE	chr2	0.610733871	- T2D risk	Body
cg00459975	HMBOX1	chr8	0.610748721	- T2D risk	5'UTR
cg15551781	DIP2C	chr10	0.610886951	- T2D risk	3'UTR
cg26481896	WWP2	chr16	0.610888748	- T2D risk	3'UTR
cg14286665	FBXO11	chr2	0.610926654	- T2D risk	TSS200
cg16230982	PDE7A	chr8	0.61100831	- T2D risk	TSS1500
cg16230982	PDE7A	chr8	0.61100831	- T2D risk	Body
cg24346263	DIP2C	chr10	0.611122782	+ T2D risk	Body
cg02941852	SRPK2	chr7	0.611137356	- T2D risk	TSS1500
cg27546718	DIP2C	chr10	0.611192986	+ T2D risk	Body
cg18437625	CUX2	chr12	0.611233509	+ T2D risk	Body
cg17499682	CDH22	chr20	0.611289525	- T2D risk	5'UTR
cg18617819	WWP2	chr16	0.611301657	+ T2D risk	Body
cg06272854	SVIP	chr11	0.611334152	+ T2D risk	Body
cg11780967	ARL15	chr5	0.611506536	+ T2D risk	Body
cg09125977	APBA1	chr9	0.611541273	+ T2D risk	Body
cg00203035	MGRN1	chr16	0.612039415	+ T2D risk	TSS200
cg09390870	GAD1	chr2	0.612047941	+ T2D risk	Body
cg10858353	KDR	chr4	0.61217942	+ T2D risk	3'UTR
cg07459489	SLC30A8	chr8	0.612265483	- T2D risk	TSS200
cg07791058	PPP1R12A	chr12	0.612283074	+ T2D risk	Body
cg07791058	PPP1R12A	chr12	0.612283074	+ T2D risk	5'UTR
cg26763365	PLEKHG3	chr14	0.612335437	+ T2D risk	5'UTR
cg21475065	CNTNAP2	chr7	0.612398771	- T2D risk	Body
cg03306374	PRKCB	chr16	0.612453718	- T2D risk	5'UTR
cg03306374	PRKCB	chr16	0.612453718	- T2D risk	1stExon
cg00168439	ERC2	chr3	0.612573712	+ T2D risk	Body
cg22794803	TPCN1	chr12	0.612618977	- T2D risk	Body
cg17870553	PLAGL1	chr6	0.612619864	+ T2D risk	5'UTR
cg23621335	PACS1	chr11	0.6126262	+ T2D risk	Body
cg00395230	CLEC16A	chr16	0.612640299	+ T2D risk	Body
cg22214259	RHBDD1	chr2	0.612645221	- T2D risk	5'UTR
cg13516624	ITGB1	chr10	0.612715415	+ T2D risk	Body
cg25147866	STX6	chr1	0.612896851	- T2D risk	TSS200
cg02531277	CUX1	chr7	0.612927464	+ T2D risk	Body
cg15878839	SKAP1	chr17	0.613073245	- T2D risk	Body
cg03103158	HMBOX1	chr8	0.613090532	+ T2D risk	5'UTR
cg03103158	HMBOX1	chr8	0.613090532	+ T2D risk	TSS200
cg01010931	CREBBP	chr16	0.613163484	+ T2D risk	Body
cg16928427	PI15	chr8	0.613207451	- T2D risk	3'UTR
cg20917241	COL4A1	chr13	0.613227257	+ T2D risk	Body
cg21642054	CUX1	chr7	0.613289	- T2D risk	Body
cg13908395	WDR47	chr1	0.613300041	- T2D risk	TSS1500
cg16457876	CLEC16A	chr16	0.613491346	+ T2D risk	Body
cg14186145	DNAJC13	chr3	0.613736271	+ T2D risk	Body
cg15663265	MAST1	chr19	0.613828126	+ T2D risk	Body
cg05153682	ZHX2	chr8	0.613899315	+ T2D risk	5'UTR
cg02202052	PDE3A	chr12	0.6139939	- T2D risk	Body
cg19429538	CLOCK	chr4	0.614139647	+ T2D risk	Body
cg19071854	CUX2	chr12	0.614336599	- T2D risk	Body
cg14468640	NUP98	chr11	0.614401446	- T2D risk	Body
cg01450705	CPLX2	chr5	0.61451398	- T2D risk	5'UTR
cg22877969	FLT1	chr13	0.614534497	+ T2D risk	Body
cg01655671	LAMA4	chr6	0.614602204	- T2D risk	Body
cg27437966	FAM155B	chrX	0.614778303	+ T2D risk	Body
cg21642050	PRKAG2	chr7	0.614827378	+ T2D risk	Body
cg09029124	PRKAG2	chr7	0.614886104	+ T2D risk	Body
cg03460001	CUX1	chr7	0.614963721	- T2D risk	Body

cg15437444	<i>FBXL2</i>	chr3	0.615076785	- T2D risk	Body
cg02474265	<i>ATP8A2</i>	chr13	0.615142758	- T2D risk	Body
cg23494893	<i>ITGA1</i>	chr5	0.6152285	+ T2D risk	Body
cg01312837	<i>CREBBP</i>	chr16	0.615334289	- T2D risk	Body
cg13891250	<i>CLASP2</i>	chr3	0.615412598	- T2D risk	Body
cg01330316	<i>CLIC5</i>	chr6	0.615484374	+ T2D risk	Body
cg24806831	<i>INPP4A</i>	chr2	0.615606406	+ T2D risk	Body
cg06560836	<i>NF1</i>	chr17	0.615611543	+ T2D risk	Body
cg09032537	<i>CDH22</i>	chr20	0.615704434	+ T2D risk	Body
cg17780935	<i>PRKACB</i>	chr1	0.615774332	- T2D risk	Body
cg17780935	<i>PRKACB</i>	chr1	0.615774332	- T2D risk	TSS1500
cg25214924	<i>PACRG</i>	chr6	0.615800823	+ T2D risk	Body
cg27423357	<i>FLT1</i>	chr13	0.615866133	- T2D risk	Body
cg27423357	<i>FLT1</i>	chr13	0.615866133	- T2D risk	3'UTR
cg05092387	<i>MEIS2</i>	chr15	0.615885966	+ T2D risk	Body
cg04982834	<i>EVI5</i>	chr1	0.615925721	+ T2D risk	TSS1500
cg06922858	<i>FARSB</i>	chr2	0.616027008	+ T2D risk	Body
cg05431598	<i>NDUFB3</i>	chr2	0.616054182	- T2D risk	Body
cg26007540	<i>TOP2A</i>	chr17	0.616061903	- T2D risk	TSS1500
cg15625092	<i>CUX1</i>	chr7	0.616095511	- T2D risk	Body
cg00175180	<i>CDH22</i>	chr20	0.616386439	+ T2D risk	Body
cg25484135	<i>CDH22</i>	chr20	0.616505691	- T2D risk	ExonBnd
cg25484135	<i>CDH22</i>	chr20	0.616505691	- T2D risk	Body
cg25154733	<i>FLT1</i>	chr13	0.616621081	- T2D risk	Body
cg08683939	<i>CCNB1</i>	chr5	0.616644403	- T2D risk	TSS1500
cg27084026	<i>CHFR</i>	chr12	0.616656116	+ T2D risk	TSS1500
cg03610729	<i>SLIT3</i>	chr5	0.616712458	- T2D risk	Body
cg14876102	<i>SLC29A4</i>	chr7	0.616795557	+ T2D risk	Body
cg18114450	<i>CLEC16A</i>	chr16	0.616969928	- T2D risk	Body
cg27375135	<i>DIP2C</i>	chr10	0.61698981	+ T2D risk	Body
cg17665652	<i>ANK2</i>	chr4	0.617021154	+ T2D risk	Body
cg06413426	<i>CUX2</i>	chr12	0.617127874	- T2D risk	Body
cg16450654	<i>KCNIP3</i>	chr2	0.617167268	+ T2D risk	Body
cg13612543	<i>ANK3</i>	chr10	0.617251637	+ T2D risk	TSS1500
cg08859787	<i>MTHFS</i>	chr15	0.617263123	+ T2D risk	TSS1500
cg01884589	<i>ULK4</i>	chr3	0.617270658	+ T2D risk	Body
cg19612376	<i>CUX2</i>	chr12	0.617309877	- T2D risk	Body
cg26375570	<i>CPLX2</i>	chr5	0.617390269	+ T2D risk	5'UTR
cg26375570	<i>CPLX2</i>	chr5	0.617390269	+ T2D risk	1stExon
cg05032498	<i>GAD1</i>	chr2	0.61741318	+ T2D risk	5'UTR
cg13672817	<i>KREMEN1</i>	chr22	0.617415119	- T2D risk	Body
cg15722376	<i>ERC2</i>	chr3	0.617425517	+ T2D risk	Body
cg16430099	<i>MAN1A2</i>	chr1	0.617449146	+ T2D risk	Body
cg26895220	<i>PDE8A</i>	chr15	0.617460343	+ T2D risk	5'UTR
cg26895220	<i>PDE8A</i>	chr15	0.617460343	+ T2D risk	Body
cg02673355	<i>COL4A1</i>	chr13	0.61747681	+ T2D risk	Body
cg26896179	<i>FBXO11</i>	chr2	0.617482855	+ T2D risk	Body
cg08033142	<i>PRKCE</i>	chr2	0.617494043	+ T2D risk	Body
cg11176058	<i>ADCY5</i>	chr3	0.617605647	+ T2D risk	Body
cg15837623	<i>COL4A1</i>	chr13	0.617641432	- T2D risk	Body
cg01473729	<i>CHID1</i>	chr11	0.617776942	- T2D risk	Body
cg07053851	<i>TANC2</i>	chr17	0.617841238	+ T2D risk	Body
cg25669851	<i>CUX1</i>	chr7	0.617888766	+ T2D risk	Body
cg13274437	<i>CUX2</i>	chr12	0.617894901	+ T2D risk	Body
cg11935459	<i>GALK2</i>	chr15	0.617944328	- T2D risk	Body
cg08203192	<i>PRKCE</i>	chr2	0.617968203	- T2D risk	Body
cg18379819	<i>TMEM131</i>	chr2	0.618075046	- T2D risk	Body
cg24137710	<i>CUX1</i>	chr7	0.618253254	+ T2D risk	Body
cg01382567	<i>POC1B</i>	chr12	0.618290176	- T2D risk	Body
cg01382567	<i>POC1B</i>	chr12	0.618290176	- T2D risk	5'UTR
cg12990844	<i>SSB</i>	chr2	0.61829282	- T2D risk	TSS200
cg14471723	<i>ATP8A2</i>	chr13	0.618377557	- T2D risk	ExonBnd
cg14471723	<i>ATP8A2</i>	chr13	0.618377557	- T2D risk	Body
cg09647340	<i>PRKCE</i>	chr2	0.618458712	- T2D risk	Body
cg05837041	<i>DIP2C</i>	chr10	0.618684864	- T2D risk	Body
cg19126603	<i>RBM4</i>	chr11	0.618760796	+ T2D risk	5'UTR
cg05797501	<i>ITGA1</i>	chr5	0.618789179	+ T2D risk	Body
cg24383674	<i>RANBP17</i>	chr5	0.618959836	- T2D risk	Body
cg21921619	<i>ATRNL1</i>	chr10	0.618976351	- T2D risk	TSS1500
cg03473270	<i>TENM2</i>	chr5	0.618984142	+ T2D risk	TSS1500

cg01196404	ARL15	chr5	0.619148719	- T2D risk	TSS200
cg26247093	GNA12	chr7	0.619158929	+ T2D risk	Body
cg01484826	DIP2C	chr10	0.619340062	- T2D risk	Body
cg27266970	CNTROB	chr17	0.619492538	- T2D risk	TSS1500
cg03143236	GRK5	chr10	0.6194976	+ T2D risk	Body
cg01222298	TANC2	chr17	0.619655406	- T2D risk	Body
cg15905865	DIP2C	chr10	0.619709984	+ T2D risk	Body
cg02493614	PDK1	chr2	0.61972321	+ T2D risk	Body
cg16373820	AGPAT3	chr21	0.619763562	+ T2D risk	5'UTR
cg04044684	CHFR	chr12	0.619783924	+ T2D risk	TSS1500
cg01028600	PRKCE	chr2	0.619801074	+ T2D risk	Body
cg08265392	PRKAG2	chr7	0.619849408	+ T2D risk	Body
cg15473052	KIAA1217	chr10	0.619869686	+ T2D risk	5'UTR
cg15473052	KIAA1217	chr10	0.619869686	+ T2D risk	Body
cg09716042	PACS2	chr14	0.619881162	- T2D risk	TSS1500
cg03773192	GRK5	chr10	0.619952683	+ T2D risk	TSS1500
cg22587773	LMCD1	chr3	0.619956476	+ T2D risk	5'UTR
cg22587773	LMCD1	chr3	0.619956476	+ T2D risk	Body
cg03314365	ZHX2	chr8	0.619959735	- T2D risk	5'UTR
cg16693212	NPAT	chr11	0.620026578	- T2D risk	1stExon
cg15733165	CDH22	chr20	0.620054785	+ T2D risk	Body
cg04720886	CNTNAP2	chr7	0.620233273	- T2D risk	Body
cg15679799	GALK2	chr15	0.620235488	+ T2D risk	Body
cg00244328	ATP8A1	chr4	0.620306905	+ T2D risk	TSS1500
cg21819383	PRKCE	chr2	0.62031585	+ T2D risk	Body
cg27524361	TSGA10	chr2	0.620320241	- T2D risk	5'UTR
cg15593382	PRKACB	chr1	0.620333966	- T2D risk	Body
cg15593382	PRKACB	chr1	0.620333966	- T2D risk	TSS200
cg19766638	NOL4	chr18	0.62041991	- T2D risk	5'UTR
cg19766638	NOL4	chr18	0.62041991	- T2D risk	Body
cg19766638	NOL4	chr18	0.62041991	- T2D risk	1stExon
cg20627874	ITPKB	chr1	0.620421321	- T2D risk	Body
cg07343445	PACRG	chr6	0.620452456	+ T2D risk	Body
cg01139080	PCYT1A	chr3	0.620471054	+ T2D risk	Body
cg16253629	ANK2	chr4	0.620615294	- T2D risk	5'UTR
cg06761398	CLASP2	chr3	0.620656226	+ T2D risk	Body
cg06761398	CLASP2	chr3	0.620656226	+ T2D risk	TSS1500
cg00271211	DIP2C	chr10	0.620855331	- T2D risk	Body
cg20626869	ATP6V1H	chr8	0.620927268	+ T2D risk	Body
cg21322436	CNTNAP2	chr7	0.620974424	+ T2D risk	TSS1500
cg17771031	CDH22	chr20	0.621038874	- T2D risk	Body
cg19524238	GNA12	chr7	0.621088526	- T2D risk	Body
cg09490604	RET	chr10	0.621129222	+ T2D risk	Body
cg20057752	TENM2	chr5	0.621337703	- T2D risk	Body
cg25916307	KREMEN1	chr22	0.621375495	- T2D risk	TSS1500
cg22001632	CALD1	chr7	0.621471383	- T2D risk	5'UTR
cg02710090	PFKFB2	chr1	0.621620374	+ T2D risk	TSS1500
cg11631450	TENM2	chr5	0.621631022	+ T2D risk	Body
cg14047656	NDUFB3	chr2	0.62171639	+ T2D risk	5'UTR
cg14047656	NDUFB3	chr2	0.62171639	+ T2D risk	1stExon
cg19016171	CADM1	chr11	0.621777929	- T2D risk	Body
cg08608974	PRKD1	chr14	0.621849038	+ T2D risk	5'UTR
cg08608974	PRKD1	chr14	0.621849038	+ T2D risk	1stExon
cg18029381	ATXN1	chr6	0.62185989	- T2D risk	5'UTR
cg24248713	NOL4	chr18	0.62192573	- T2D risk	TSS200
cg06665788	PACS1	chr11	0.621936273	- T2D risk	Body
cg03895695	MEIS2	chr15	0.621946028	- T2D risk	Body
cg02726729	MET	chr7	0.621954971	- T2D risk	Body
cg16689724	LAMA4	chr6	0.622014824	- T2D risk	3'UTR
cg20124815	SH3GL2	chr9	0.622256048	- T2D risk	Body
cg26929355	WWP2	chr16	0.622323664	- T2D risk	5'UTR
cg26929355	WWP2	chr16	0.622323664	- T2D risk	Body
cg26333902	SLC7A2	chr8	0.62234675	- T2D risk	5'UTR
cg26333902	SLC7A2	chr8	0.62234675	- T2D risk	1stExon
cg19203304	COL4A1	chr13	0.622370239	- T2D risk	Body
cg16037981	RAP1GAP2	chr17	0.622467022	+ T2D risk	Body
cg16590189	CPLX2	chr5	0.62258985	+ T2D risk	5'UTR
cg21959457	NUF2	chr1	0.62280271	+ T2D risk	TSS1500
cg03893240	KIAA0232	chr4	0.622863994	+ T2D risk	Body
cg09345144	CLEC16A	chr16	0.622940616	- T2D risk	Body

cg13465826	NCOR1	chr17	0.623154965	- T2D risk	5'UTR
cg05296508	CLEC16A	chr16	0.623183316	- T2D risk	Body
cg03150234	ITPKB	chr1	0.623476	+ T2D risk	Body
cg23718806	EVI5	chr1	0.623575707	- T2D risk	Body
cg14527148	ST20	chr15	0.623674293	+ T2D risk	TSS1500
cg27577583	PLAGL1	chr6	0.623701853	+ T2D risk	5'UTR
cg09422531	KCNJ18	chr17	0.623756619	+ T2D risk	TSS1500
cg09422531	KCNJ12	chr17	0.623756619	+ T2D risk	5'UTR
cg13061350	ENAH	chr1	0.623865238	- T2D risk	1stExon
cg13061350	ENAH	chr1	0.623865238	- T2D risk	5'UTR
cg06058311	EFR3A	chr8	0.623871862	- T2D risk	TSS1500
cg05013730	CNTNAP2	chr7	0.623969243	+ T2D risk	Body
cg27003212	ITGA1	chr5	0.623991006	+ T2D risk	Body
cg03584382	EVI5	chr1	0.624074876	- T2D risk	Body
cg10428661	NCOR1	chr17	0.62409388	+ T2D risk	TSS1500
cg17440909	FLT1	chr13	0.62419711	+ T2D risk	Body
cg17612853	ATP6V1A	chr3	0.624219638	+ T2D risk	TSS1500
cg04370088	INPP4A	chr2	0.624221393	+ T2D risk	5'UTR
cg18836626	ATP8A2	chr13	0.624280399	+ T2D risk	Body
cg19294816	ST20	chr15	0.624367375	+ T2D risk	5'UTR
cg15706574	RCAN2	chr6	0.624425122	- T2D risk	Body
cg25741744	ULK4	chr3	0.624558349	- T2D risk	Body
cg08844365	LAMA4	chr6	0.624674347	+ T2D risk	TSS1500
cg07136635	ITGA1	chr5	0.624682278	+ T2D risk	Body
cg01450696	DYNC111	chr7	0.624719109	+ T2D risk	TSS200
cg02381317	PACS1	chr11	0.624730219	+ T2D risk	Body
cg06538549	ITGB1	chr10	0.624796811	- T2D risk	5'UTR
cg06067846	TTC28	chr22	0.624807574	- T2D risk	Body
cg18637291	ERC2	chr3	0.624919614	+ T2D risk	Body
cg16719385	SVIP	chr11	0.625026458	+ T2D risk	Body
cg18593039	PLAGL1	chr6	0.625061646	+ T2D risk	TSS1500
cg18593039	PLAGL1	chr6	0.625061646	+ T2D risk	5'UTR
cg17559206	CREBBP	chr16	0.625151247	- T2D risk	Body
cg09460267	MEIS2	chr15	0.625241214	+ T2D risk	Body
cg23360682	SRPK2	chr7	0.625398324	- T2D risk	Body
cg25725999	PLEKHG3	chr14	0.625440278	+ T2D risk	5'UTR
cg09949146	DIP2C	chr10	0.625528431	- T2D risk	Body
cg10975399	ERC2	chr3	0.625874726	- T2D risk	Body
cg12509026	KIAA1217	chr10	0.626000891	+ T2D risk	TSS1500
cg12509026	KIAA1217	chr10	0.626000891	+ T2D risk	5'UTR
cg12509026	KIAA1217	chr10	0.626000891	+ T2D risk	Body
cg23202388	CHID1	chr11	0.626117464	- T2D risk	1stExon
cg23202388	CHID1	chr11	0.626117464	- T2D risk	5'UTR
cg02856420	CUX1	chr7	0.626869414	+ T2D risk	Body
cg08606786	PRKAG2	chr7	0.626905143	+ T2D risk	Body
cg08732561	GRK5	chr10	0.62704357	- T2D risk	Body
cg22158639	CDH22	chr20	0.627056293	+ T2D risk	Body
cg09734568	SCAF11	chr12	0.627302557	- T2D risk	Body
cg03106852	LAMA4	chr6	0.627329893	- T2D risk	Body
cg26072213	ITGA1	chr5	0.627330646	- T2D risk	Body
cg03574882	PRKAG2	chr7	0.627403566	- T2D risk	TSS200
cg24088685	CCNB1	chr5	0.627414428	+ T2D risk	TSS200
cg25445431	CUX1	chr7	0.627447481	+ T2D risk	Body
cg07136998	SLIT3	chr5	0.62763243	- T2D risk	1stExon
cg07136998	SLIT3	chr5	0.62763243	- T2D risk	5'UTR
cg09670925	CADM1	chr11	0.627653468	- T2D risk	Body
cg01544333	RAP1GAP2	chr17	0.627660088	+ T2D risk	Body
cg01954337	NUP98	chr11	0.627708312	+ T2D risk	TSS200
cg00775425	PRKACB	chr1	0.627729048	- T2D risk	Body
cg00775425	PRKACB	chr1	0.627729048	- T2D risk	TSS200
cg01611748	MAN1A1	chr6	0.627888065	+ T2D risk	5'UTR
cg06815950	CUX2	chr12	0.627918794	- T2D risk	Body
cg08121890	EFR3A	chr8	0.627942866	+ T2D risk	Body
cg12407978	LYVE1	chr11	0.627956	- T2D risk	5'UTR
cg12407978	LYVE1	chr11	0.627956	- T2D risk	1stExon
cg01039154	TENM2	chr5	0.628049768	- T2D risk	Body
cg20852535	CLEC16A	chr16	0.628194018	+ T2D risk	Body
cg08924488	ATP6V1A	chr3	0.628380526	- T2D risk	TSS1500
cg23249868	GNA12	chr7	0.628511996	+ T2D risk	Body
cg21743616	NPEPPS	chr17	0.628616471	+ T2D risk	Body

cg21743616	NPEPPS	chr17	0.628616471	+ T2D risk	ExonBnd
cg16235197	CUX2	chr12	0.628718832	- T2D risk	Body
cg19030123	CLEC16A	chr16	0.628928442	+ T2D risk	Body
cg01988452	EIF1AY	chrY	0.629012098	+ T2D risk	TSS1500
cg00860090	ITPKB	chr1	0.629012847	- T2D risk	Body
cg00744145	SLC29A4	chr7	0.629019936	+ T2D risk	5'UTR
cg01603311	RNF157	chr17	0.629142372	- T2D risk	Body
cg25219591	SMG7	chr1	0.629275126	+ T2D risk	5'UTR
cg25219591	SMG7	chr1	0.629275126	+ T2D risk	Body
cg22308600	NOL4	chr18	0.629670859	+ T2D risk	Body
cg22308600	NOL4	chr18	0.629670859	+ T2D risk	TSS200
cg18836267	PPFIBP1	chr12	0.629716142	+ T2D risk	TSS200
cg09792612	AGPAT3	chr21	0.629757121	- T2D risk	5'UTR
cg01391297	ASH1L	chr1	0.629772363	+ T2D risk	5'UTR
cg19561607	BCAT1	chr12	0.629823539	+ T2D risk	TSS1500
cg17869960	PHACTR1	chr6	0.629841245	+ T2D risk	5'UTR
cg01991180	NPAT	chr11	0.629962605	+ T2D risk	Body
cg00756450	GALK2	chr15	0.629972018	+ T2D risk	Body
cg01895882	SKAP1	chr17	0.630213143	+ T2D risk	Body
cg12149609	JPH2	chr20	0.630258051	- T2D risk	TSS1500
cg26060583	NCOA2	chr8	0.630468832	- T2D risk	5'UTR
cg18122056	TANC2	chr17	0.630481066	- T2D risk	Body
cg07846348	TENM2	chr5	0.63061087	- T2D risk	Body
cg12318408	RAP1GAP2	chr17	0.630626629	- T2D risk	1stExon
cg12318408	RAP1GAP2	chr17	0.630626629	- T2D risk	5'UTR
cg06418002	ENAH	chr1	0.630661452	+ T2D risk	3'UTR
cg00479347	PACS2	chr14	0.630909173	+ T2D risk	Body
cg17429129	RAP1GAP2	chr17	0.630922989	+ T2D risk	Body
cg23485436	KDM4B	chr19	0.630997418	- T2D risk	Body
cg08374341	CNTNAP2	chr7	0.631006011	- T2D risk	Body
cg02019549	MAN1A1	chr6	0.631025828	- T2D risk	Body
cg00239505	DIP2C	chr10	0.631049057	+ T2D risk	Body
cg08999764	KCNJ12	chr17	0.63106118	+ T2D risk	5'UTR
cg25115537	ZHX2	chr8	0.631170075	- T2D risk	5'UTR
cg16123438	TTC28	chr22	0.631237492	- T2D risk	Body
cg19559644	NUP98	chr11	0.631266143	+ T2D risk	Body
cg03984209	ERC2	chr3	0.631410773	+ T2D risk	Body
cg05742691	RANBP17	chr5	0.631448239	+ T2D risk	TSS1500
cg10463652	PLEKHG3	chr14	0.631476594	+ T2D risk	Body
cg02105423	NPAT	chr11	0.631553205	- T2D risk	Body
cg07638334	DIP2C	chr10	0.631613697	+ T2D risk	Body
ch.16.192535R	CREBBP	chr16	0.631625745	- T2D risk	Body
cg06036728	PRKAG2	chr7	0.631988532	- T2D risk	Body
cg00452039	PRKAG2	chr7	0.63199761	+ T2D risk	Body
cg01322438	TOP2A	chr17	0.632034094	+ T2D risk	Body
cg04373487	UXS1	chr2	0.632062948	+ T2D risk	Body
cg11257123	TANC2	chr17	0.632072111	+ T2D risk	Body
cg20833161	CUX2	chr12	0.632299928	- T2D risk	Body
cg13627467	SH3GL2	chr9	0.63247722	- T2D risk	3'UTR
cg00590106	SSBP2	chr5	0.632524579	- T2D risk	Body
cg06263939	CHID1	chr11	0.63255874	+ T2D risk	TSS1500
cg26153234	ATP8A2	chr13	0.632653574	- T2D risk	TSS1500
cg08026464	FARSB	chr2	0.632736699	+ T2D risk	TSS1500
cg15080872	CDH22	chr20	0.632820321	- T2D risk	Body
cg06476228	GALK2	chr15	0.632824412	+ T2D risk	TSS200
cg19428249	PACRG	chr6	0.632827894	+ T2D risk	Body
cg04200224	SCGN	chr6	0.632912015	- T2D risk	TSS200
cg05761251	PDK1	chr2	0.632973697	+ T2D risk	Body
cg13273186	ATXN1	chr6	0.633083388	- T2D risk	5'UTR
cg08461802	DIP2C	chr10	0.63310609	- T2D risk	Body
cg06458745	SGSM2	chr17	0.633113798	+ T2D risk	Body
cg18086083	JPH2	chr20	0.633297804	+ T2D risk	Body
cg12446939	ASH1L	chr1	0.633349294	- T2D risk	Body
cg05393688	TSC22D1	chr13	0.633482826	+ T2D risk	Body
cg25861577	ADCY5	chr3	0.633569226	- T2D risk	Body
cg10595344	WDR47	chr1	0.633569896	+ T2D risk	TSS200
cg08494843	SLIT3	chr5	0.633768548	- T2D risk	Body
cg12001113	TSHZ1	chr18	0.633768715	- T2D risk	TSS1500
cg15309223	TMEM59	chr1	0.633816755	+ T2D risk	1stExon
cg15309223	TMEM59	chr1	0.633816755	+ T2D risk	5'UTR

cg14182527	UXS1	chr2	0.633876935	- T2D risk	Body
cg15741083	CRYL1	chr13	0.633881088	- T2D risk	Body
cg04362902	FBXO11	chr2	0.633955345	- T2D risk	Body
cg15283737	CUX2	chr12	0.634044637	- T2D risk	Body
cg08776875	ST6GAL1	chr3	0.634045253	- T2D risk	TSS200
cg04406115	KDM4B	chr19	0.63411104	- T2D risk	Body
cg13928438	FNIP2	chr4	0.63414296	- T2D risk	Body
cg00395036	ARL15	chr5	0.634148071	- T2D risk	Body
cg27228578	DNAH9	chr17	0.634240564	+ T2D risk	1stExon
cg02998857	ANK3	chr10	0.63436235	- T2D risk	ExonBnd
cg02998857	ANK3	chr10	0.63436235	- T2D risk	Body
cg22633643	PRKAG2	chr7	0.634415888	- T2D risk	Body
cg20923549	PRKAG2	chr7	0.634623202	+ T2D risk	Body
cg11819198	PRKAG2	chr7	0.634645333	- T2D risk	Body
cg19803826	SGSM2	chr17	0.634813079	+ T2D risk	Body
cg13657776	USP29	chr19	0.634947672	+ T2D risk	TSS1500
cg12899919	KIAA0355	chr19	0.635073997	- T2D risk	Body
cg04228581	ASH1L	chr1	0.635074317	+ T2D risk	Body
cg21567486	PACS1	chr11	0.635090814	- T2D risk	Body
cg16020759	CADM1	chr11	0.635436677	+ T2D risk	3'UTR
cg09131631	SEZ6L	chr22	0.63545301	- T2D risk	TSS1500
cg24252925	ATRNL1	chr10	0.635638925	- T2D risk	Body
cg21143896	GNA12	chr7	0.63566224	+ T2D risk	Body
cg00785037	ATP4A	chr19	0.635700083	- T2D risk	Body
cg07366462	ADCY5	chr3	0.635714934	- T2D risk	Body
cg26660102	PKD1	chr2	0.635731881	+ T2D risk	Body
cg10070788	BIRC5	chr17	0.635745016	- T2D risk	3'UTR
cg14624737	CUX1	chr7	0.635745194	+ T2D risk	Body
cg24200175	PICALM	chr11	0.635836599	+ T2D risk	3'UTR
cg15072634	CNTROB	chr17	0.635916229	- T2D risk	Body
cg19139509	CNTNAP2	chr7	0.635982143	+ T2D risk	Body
cg23817232	ANK3	chr10	0.636242114	- T2D risk	Body
cg18977539	FLT1	chr13	0.636353697	- T2D risk	Body
cg17826531	SKAP1	chr17	0.636426197	+ T2D risk	Body
cg02531768	DIP2C	chr10	0.636455497	- T2D risk	Body
cg10536349	SPAG9	chr17	0.636484	- T2D risk	Body
cg19002902	IFT74	chr9	0.636569387	- T2D risk	Body
cg14038009	RGS7	chr1	0.636628754	- T2D risk	Body
cg02573468	DLL4	chr15	0.636635128	+ T2D risk	Body
cg13544027	PRMT3	chr11	0.636846162	+ T2D risk	Body
cg04105895	KCNJ12	chr17	0.636857175	- T2D risk	5'UTR
cg19129981	PPP1R12A	chr12	0.636918758	+ T2D risk	Body
cg23474135	PRKCE	chr2	0.637009301	- T2D risk	Body
cg13297988	ARL8B	chr3	0.637243129	- T2D risk	TSS200
cg02809083	ADCY5	chr3	0.637256487	+ T2D risk	Body
cg19390941	PACRG	chr6	0.637410302	- T2D risk	Body
cg12283057	PDE8A	chr15	0.637430337	- T2D risk	Body
cg15730346	SKAP1	chr17	0.637456605	+ T2D risk	TSS1500
cg10430352	PRKCE	chr2	0.637523671	- T2D risk	Body
cg17951368	NUCB2	chr11	0.637543173	- T2D risk	TSS200
cg24824703	GNA12	chr7	0.63764914	+ T2D risk	Body
cg22735402	CNTNAP2	chr7	0.637675628	- T2D risk	Body
cg25581843	PDE7A	chr8	0.637684785	+ T2D risk	Body
cg14486905	GAD1	chr2	0.63785099	+ T2D risk	Body
cg05838857	PACS2	chr14	0.638022443	+ T2D risk	Body
cg18525081	UBL3	chr13	0.638065366	+ T2D risk	TSS1500
cg21366622	ATXN1	chr6	0.638074146	+ T2D risk	5'UTR
cg22090192	PHF21A	chr11	0.638096643	+ T2D risk	Body
cg21942557	INPP4A	chr2	0.638159172	- T2D risk	5'UTR
cg08364730	CREBBP	chr16	0.638191619	+ T2D risk	Body
cg22169659	PRMT3	chr11	0.638371858	- T2D risk	Body
cg22625220	NCOR1	chr17	0.638387663	- T2D risk	TSS1500
cg17333886	DIP2C	chr10	0.638389444	+ T2D risk	Body
cg27152898	ITGA1	chr5	0.638471054	- T2D risk	Body
cg05045210	TJP1	chr15	0.638506942	- T2D risk	TSS200
cg05045210	TJP1	chr15	0.638506942	- T2D risk	TSS1500
cg05045210	TJP1	chr15	0.638506942	- T2D risk	Body
cg01267648	GALK2	chr15	0.638539782	- T2D risk	5'UTR
cg01267648	GALK2	chr15	0.638539782	- T2D risk	Body
cg27634695	ANK2	chr4	0.638545676	- T2D risk	TSS200

cg20048260	COL4A1	chr13	0.638555465	+ T2D risk	Body
cg04661346	PPFIBP1	chr12	0.638606322	+ T2D risk	TSS1500
cg11243269	TJP1	chr15	0.638638325	- T2D risk	Body
cg03028536	CUX2	chr12	0.638709691	+ T2D risk	Body
cg25855315	DNAH9	chr17	0.638902039	- T2D risk	Body
cg26566673	ITGA1	chr5	0.639060847	- T2D risk	Body
cg25644149	SPOCK1	chr5	0.639150892	+ T2D risk	Body
cg16080103	EFCAB14	chr1	0.639251224	+ T2D risk	Body
cg15955165	UBL3	chr13	0.639254349	- T2D risk	Body
cg22627610	SPOCK1	chr5	0.639261466	+ T2D risk	Body
cg24298280	RNF217	chr6	0.63947417	- T2D risk	5'UTR
cg04348223	DIP2C	chr10	0.639649952	+ T2D risk	Body
cg26624525	PHF21A	chr11	0.639676382	- T2D risk	Body
cg26624525	PHF21A	chr11	0.639676382	- T2D risk	ExonBnd
cg24424525	KIAA1217	chr10	0.63989359	+ T2D risk	Body
cg23459483	PCYT1A	chr3	0.640048484	- T2D risk	5'UTR
cg03658982	GRK5	chr10	0.640161418	+ T2D risk	Body
cg23571282	RCAN2	chr6	0.640181937	- T2D risk	TSS1500
cg17420983	CUX2	chr12	0.640189308	+ T2D risk	TSS1500
cg11362604	MEIS2	chr15	0.640201638	+ T2D risk	Body
cg15473502	ST6GAL1	chr3	0.640276675	- T2D risk	5'UTR
cg11896546	DDC	chr7	0.64042146	- T2D risk	5'UTR
cg11896546	DDC	chr7	0.64042146	- T2D risk	TSS200
cg27614488	CLIC5	chr6	0.640424794	- T2D risk	Body
cg16505390	TMEM150C	chr4	0.640626333	- T2D risk	5'UTR
cg10322879	YWHAQ	chr2	0.640776726	- T2D risk	Body
cg12793116	ADCY5	chr3	0.640782326	+ T2D risk	Body
cg23497501	KCNIP3	chr2	0.640818085	+ T2D risk	TSS200
cg23497501	KCNIP3	chr2	0.640818085	+ T2D risk	Body
cg14370061	GNA12	chr7	0.640909869	- T2D risk	Body
cg11641538	KANTR	chrX	0.641186631	- T2D risk	Body
cg18679596	ZRANB1	chr10	0.641255376	- T2D risk	Body
cg12939634	SPPL2A	chr15	0.641343838	- T2D risk	Body
cg02717454	CREBBP	chr16	0.641377105	- T2D risk	Body
cg04703221	WWP2	chr16	0.641505159	- T2D risk	Body
cg04054840	BCAT1	chr12	0.641546603	+ T2D risk	Body
cg09715009	CPLX2	chr5	0.641691396	- T2D risk	5'UTR
cg00650953	CNTNAP2	chr7	0.641807848	- T2D risk	Body
cg11505338	KDR	chr4	0.642063242	- T2D risk	TSS200
cg12590753	RGS7	chr1	0.642288467	- T2D risk	Body
cg26079877	YWHAQ	chr2	0.642333376	+ T2D risk	Body
cg24894680	KREMEN1	chr22	0.642363314	+ T2D risk	Body
cg01659632	PLAGL1	chr6	0.642578345	- T2D risk	3'UTR
cg15755137	ST6GAL1	chr3	0.642617224	- T2D risk	TSS1500
cg01056853	PHACTR1	chr6	0.642624251	+ T2D risk	Body
cg09273772	TOP2A	chr17	0.642671794	- T2D risk	TSS1500
cg07688779	MEIS2	chr15	0.642719686	+ T2D risk	5'UTR
cg07688779	MEIS2	chr15	0.642719686	+ T2D risk	1stExon
cg07688779	MEIS2	chr15	0.642719686	+ T2D risk	Body
cg07688779	MEIS2	chr15	0.642719686	+ T2D risk	TSS1500
cg17516556	TBC1D5	chr3	0.642737224	+ T2D risk	TSS1500
cg00029284	CUX2	chr12	0.642743837	+ T2D risk	Body
cg17386093	SLIT3	chr5	0.642874086	- T2D risk	1stExon
cg04995537	SCAF8	chr6	0.642928461	+ T2D risk	Body
cg18998172	SPOCK1	chr5	0.643022352	+ T2D risk	Body
cg03807888	LMCD1	chr3	0.643070897	- T2D risk	Body
cg18297421	SVIP	chr11	0.643114254	+ T2D risk	1stExon
cg00987808	PDE3A	chr12	0.643340236	+ T2D risk	Body
cg26379627	GLG1	chr16	0.643450769	- T2D risk	TSS1500
cg01284438	CPLX2	chr5	0.643451331	+ T2D risk	5'UTR
cg05639392	COL4A1	chr13	0.643483187	+ T2D risk	Body
cg00529909	KDM4B	chr19	0.643572926	- T2D risk	Body
cg03243666	SRPK2	chr7	0.643621459	- T2D risk	Body
cg12566083	TSC22D1	chr13	0.643732275	+ T2D risk	Body
cg12566083	TSC22D1	chr13	0.643732275	+ T2D risk	TSS1500
cg12566083	TSC22D1	chr13	0.643732275	+ T2D risk	5'UTR
cg12566083	TSC22D1	chr13	0.643732275	+ T2D risk	TSS200
cg25644208	ARHGAP32	chr11	0.64374744	+ T2D risk	Body
cg00534386	ULK4	chr3	0.643840996	- T2D risk	Body
cg02104626	KIAA0232	chr4	0.643842613	- T2D risk	Body

cg17012893	ATP8A2	chr13	0.644106342	- T2D risk	Body
cg19653624	PRMT3	chr11	0.644121076	+ T2D risk	TSS200
cg03892601	CNTNAP2	chr7	0.644133179	+ T2D risk	Body
cg11141044	ARID2	chr12	0.644360155	- T2D risk	Body
cg23285459	GNA12	chr7	0.644488607	- T2D risk	Body
cg22056480	PDE3A	chr12	0.644511427	- T2D risk	Body
cg18216571	SLC7A2	chr8	0.644644576	+ T2D risk	5'UTR
cg18216571	SLC7A2	chr8	0.644644576	+ T2D risk	TSS1500
cg00164538	CUX2	chr12	0.644673632	+ T2D risk	Body
cg14492551	TENM2	chr5	0.644696275	+ T2D risk	Body
cg15787389	ERC2	chr3	0.644732072	- T2D risk	Body
cg09126120	PACS1	chr11	0.644784149	- T2D risk	Body
cg16821211	TJP1	chr15	0.644820369	- T2D risk	Body
cg23574403	DDHD2	chr8	0.644852414	- T2D risk	5'UTR
cg23574403	DDHD2	chr8	0.644852414	- T2D risk	TSS200
cg14269558	CLIC5	chr6	0.644913633	+ T2D risk	TSS200
cg14269558	CLIC5	chr6	0.644913633	+ T2D risk	Body
cg06670711	JPH2	chr20	0.644955096	- T2D risk	3'UTR
cg00424064	TANC2	chr17	0.644981764	+ T2D risk	Body
cg03946683	KREMEN1	chr22	0.645014573	- T2D risk	Body
cg26924247	RGS7	chr1	0.645153544	- T2D risk	Body
cg27445522	ENAH	chr1	0.645186892	- T2D risk	TSS1500
cg05113850	CALD1	chr7	0.645410811	+ T2D risk	Body
cg08482700	COX6A1	chr12	0.645442964	+ T2D risk	TSS1500
cg17654017	PLAGL1	chr6	0.645582797	+ T2D risk	5'UTR
cg23933355	ATP8A2	chr13	0.645612132	- T2D risk	Body
cg14869517	GALK2	chr15	0.64579745	+ T2D risk	Body
cg19131667	TBC1D5	chr3	0.64587431	- T2D risk	Body
cg15562418	RAP1GAP2	chr17	0.645917277	+ T2D risk	Body
cg18666004	ULK4	chr3	0.645937795	+ T2D risk	TSS200
cg21534309	RSF1	chr11	0.645972	+ T2D risk	Body
cg03826480	KCNJ12	chr17	0.646073732	+ T2D risk	3'UTR
cg18188891	CUX1	chr7	0.646097379	+ T2D risk	Body
cg02352612	MGRN1	chr16	0.646236933	+ T2D risk	Body
cg02352612	MGRN1	chr16	0.646236933	+ T2D risk	3'UTR
cg23657393	JPH2	chr20	0.646240982	- T2D risk	Body
cg04234813	CUX2	chr12	0.646289579	+ T2D risk	Body
cg26251101	RHOQ	chr2	0.646414279	- T2D risk	TSS1500
cg07077705	CREBBP	chr16	0.646525975	- T2D risk	Body
cg02776664	MAST1	chr19	0.64656765	+ T2D risk	Body
cg14844401	ADCY5	chr3	0.64656887	- T2D risk	Body
cg12371924	BCAT1	chr12	0.646694705	+ T2D risk	TSS200
cg10391294	CDK8	chr13	0.646855614	- T2D risk	Body
cg18982976	TANC2	chr17	0.646857925	+ T2D risk	Body
cg01022670	DIP2C	chr10	0.647118481	+ T2D risk	Body
cg21449177	PRKD1	chr14	0.647180251	+ T2D risk	Body
cg27052402	DDHD2	chr8	0.647358696	+ T2D risk	TSS1500
cg27052402	DDHD2	chr8	0.647358696	+ T2D risk	TSS200
cg03018058	RHBDD1	chr2	0.647465031	- T2D risk	TSS1500
cg01823533	CLEC16A	chr16	0.647472578	+ T2D risk	Body
cg06046574	SNX4	chr3	0.647671761	- T2D risk	TSS1500
cg08580081	DNAJC1	chr10	0.647700895	- T2D risk	Body
cg16967541	EFR3A	chr8	0.647887582	+ T2D risk	TSS200
cg00579717	RANBP17	chr5	0.647903923	- T2D risk	Body
cg23381232	DYNC1I1	chr7	0.647959306	+ T2D risk	Body
cg27084929	ST6GAL1	chr3	0.647984267	+ T2D risk	5'UTR
cg06010111	TSGA10	chr2	0.648117125	+ T2D risk	TSS200
cg04114351	CUX2	chr12	0.648128303	+ T2D risk	Body
cg04336905	DIP2C	chr10	0.648136206	+ T2D risk	Body
cg05133339	ST6GAL1	chr3	0.648193551	- T2D risk	5'UTR
cg27364578	PHACTR1	chr6	0.648581116	+ T2D risk	Body
cg04316898	CUX2	chr12	0.648596934	+ T2D risk	Body
cg22374742	UXS1	chr2	0.648747507	+ T2D risk	Body
cg25521406	PDE3A	chr12	0.648779327	+ T2D risk	Body
cg14159683	CLEC16A	chr16	0.648779478	+ T2D risk	Body
cg16807061	RAP1GAP2	chr17	0.648892382	- T2D risk	Body
cg13896328	PTPRU	chr1	0.648905322	- T2D risk	3'UTR
cg16909635	SLIT3	chr5	0.648954801	+ T2D risk	Body
cg11435247	APBA1	chr9	0.649093122	- T2D risk	ExonBnd
cg11435247	APBA1	chr9	0.649093122	- T2D risk	Body

cg13751455	SPAG9	chr17	0.649192273	+ T2D risk	Body
cg15701795	TENM2	chr5	0.649232722	+ T2D risk	Body
cg19424533	ANK3	chr10	0.649238001	- T2D risk	Body
cg03740323	PRKAG2	chr7	0.649275618	+ T2D risk	Body
cg01578939	ARL15	chr5	0.649318394	+ T2D risk	Body
cg19875864	ARHGAP32	chr11	0.649397829	- T2D risk	Body
cg06916950	SLC7A2	chr8	0.649398986	- T2D risk	5'UTR
cg22243466	ANK2	chr4	0.649429314	- T2D risk	Body
cg14532217	TBC1D5	chr3	0.649714919	+ T2D risk	Body
cg26020585	GGPS1	chr1	0.649763753	- T2D risk	TSS200
cg26020585	GGPS1	chr1	0.649763753	- T2D risk	5'UTR
cg26020585	GGPS1	chr1	0.649763753	- T2D risk	1stExon
cg10539002	ATRNL1	chr10	0.649775807	- T2D risk	Body
cg01938009	CPLX2	chr5	0.649816566	+ T2D risk	5'UTR
cg05289466	KDM4B	chr19	0.649834021	+ T2D risk	Body
cg10097882	FAM160A1	chr4	0.649899483	- T2D risk	5'UTR
cg07100595	ERC2	chr3	0.650105213	- T2D risk	TSS1500
cg06140903	ATP8A2	chr13	0.650111349	- T2D risk	Body
cg02101434	CLEC16A	chr16	0.650127834	- T2D risk	Body
cg17463564	DIP2C	chr10	0.650131467	+ T2D risk	Body
cg15749852	TBC1D5	chr3	0.650312566	- T2D risk	Body
cg07952552	INPP4A	chr2	0.650503602	- T2D risk	5'UTR
cg06884029	KDM4B	chr19	0.65064519	+ T2D risk	5'UTR
cg25635505	CUX1	chr7	0.650706475	+ T2D risk	Body
cg16583923	MAST1	chr19	0.650724848	- T2D risk	3'UTR
cg12803878	SLC7A2	chr8	0.650750493	+ T2D risk	TSS1500
cg16398904	ITPKB	chr1	0.650786477	+ T2D risk	Body
cg16483326	CALD1	chr7	0.65087014	+ T2D risk	5'UTR
cg19992453	GRK5	chr10	0.650888502	- T2D risk	Body
cg03265533	KDR	chr4	0.65091385	+ T2D risk	Body
cg21550585	RNF157	chr17	0.650918936	+ T2D risk	Body
cg08257185	CUX1	chr7	0.650949322	+ T2D risk	5'UTR
cg08257185	CUX1	chr7	0.650949322	+ T2D risk	TSS200
cg08257185	CUX1	chr7	0.650949322	+ T2D risk	1stExon
cg17689498	TJP1	chr15	0.651112487	- T2D risk	Body
cg09310112	KDM4B	chr19	0.651151189	+ T2D risk	5'UTR
cg13303954	FAM160A1	chr4	0.651240699	- T2D risk	Body
cg17350528	SEZ6L	chr22	0.651282875	- T2D risk	Body
cg17979958	RCAN2	chr6	0.651357482	+ T2D risk	5'UTR
cg17979958	RCAN2	chr6	0.651357482	+ T2D risk	1stExon
cg17979958	RCAN2	chr6	0.651357482	+ T2D risk	Body
cg00590830	PTP4A2	chr1	0.651361474	+ T2D risk	5'UTR
cg00590830	PTP4A2	chr1	0.651361474	+ T2D risk	1stExon
cg16163065	ITGA1	chr5	0.651670541	+ T2D risk	Body
cg10279395	ATXN1	chr6	0.651683435	- T2D risk	5'UTR
cg03252313	CNTNAP2	chr7	0.651744552	- T2D risk	3'UTR
cg23575245	MYO6	chr6	0.651788232	+ T2D risk	5'UTR
cg02037858	RTN4	chr2	0.651815782	- T2D risk	Body
cg13297671	ARID2	chr12	0.651856064	+ T2D risk	Body
cg15009088	RSF1	chr11	0.651884163	- T2D risk	Body
cg13849825	CCNB1	chr5	0.652108817	- T2D risk	TSS1500
cg00320301	SLIT3	chr5	0.652358831	+ T2D risk	Body
cg23521444	PLAGL1	chr6	0.652419336	- T2D risk	TSS200
cg08463614	TENM2	chr5	0.652538453	+ T2D risk	Body
cg03373709	PRKCB	chr16	0.652640557	- T2D risk	Body
cg09357953	ADCY5	chr3	0.652835827	- T2D risk	Body
cg04130043	KANTR	chrX	0.65284984	- T2D risk	Body
cg09827368	MYO6	chr6	0.652872044	- T2D risk	5'UTR
cg17607024	ZRANB1	chr10	0.652872614	- T2D risk	5'UTR
cg17607024	ZRANB1	chr10	0.652872614	- T2D risk	1stExon
cg26521024	TSC22D1	chr13	0.652888581	- T2D risk	TSS1500
cg19683608	DIP2C	chr10	0.652888642	- T2D risk	Body
cg26003119	WIZ	chr19	0.653136909	+ T2D risk	Body
cg04486846	TTC28	chr22	0.653226531	+ T2D risk	Body
cg14671833	RHOQ	chr2	0.653242908	- T2D risk	Body
cg19283298	RAP2A	chr13	0.653324964	- T2D risk	Body
cg10148800	KCNJ12	chr17	0.653326076	+ T2D risk	5'UTR
cg03400464	MAST1	chr19	0.65338069	+ T2D risk	Body
cg17086141	NPEPPS	chr17	0.653427405	+ T2D risk	TSS1500
cg19168259	PRMT3	chr11	0.653458233	- T2D risk	Body

cg12837996	AMD1	chr6	0.653673109	- T2D risk	ExonBnd
cg12837996	AMD1	chr6	0.653673109	- T2D risk	Body
cg13706434	SH3GL2	chr9	0.653730951	+ T2D risk	Body
cg17750109	NGF	chr1	0.653760789	- T2D risk	5'UTR
cg18876494	RAP1B	chr12	0.65377739	- T2D risk	TSS1500
cg08284826	CREBBP	chr16	0.654150651	- T2D risk	Body
cg20883644	SPPL2A	chr15	0.654311947	+ T2D risk	Body
cg06006665	DIP2C	chr10	0.654905508	+ T2D risk	Body
cg06166515	DNAJC1	chr10	0.65492256	+ T2D risk	Body
cg22989379	ACSS2	chr20	0.654975856	+ T2D risk	TSS200
cg24332570	ANK3	chr10	0.655003321	- T2D risk	Body
cg01956158	EFR3A	chr8	0.655007826	+ T2D risk	Body
cg12344235	ST6GAL1	chr3	0.655037417	+ T2D risk	Body
cg12344235	ST6GAL1	chr3	0.655037417	+ T2D risk	5'UTR
cg02596683	ARL15	chr5	0.655158271	+ T2D risk	Body
cg10432598	TSGA10	chr2	0.655188167	- T2D risk	Body
cg16904052	ARHGAP32	chr11	0.655415767	+ T2D risk	Body
cg20678374	ASXL2	chr2	0.655544503	- T2D risk	Body
cg07145834	ZHX2	chr8	0.655604362	+ T2D risk	5'UTR
cg11468148	DIP2C	chr10	0.655617561	- T2D risk	Body
cg14307471	NOL4	chr18	0.655671396	- T2D risk	3'UTR
cg09632011	ACSS2	chr20	0.6557122	+ T2D risk	Body
cg09632011	ACSS2	chr20	0.6557122	+ T2D risk	ExonBnd
cg02046881	GNA12	chr7	0.655761638	- T2D risk	Body
cg05786548	FAM160A1	chr4	0.655915271	+ T2D risk	TSS200
cg14706575	RTN4	chr2	0.656022609	- T2D risk	TSS1500
cg14706575	RTN4	chr2	0.656022609	- T2D risk	1stExon
cg14706575	RTN4	chr2	0.656022609	- T2D risk	5'UTR
cg01061290	TSGA10	chr2	0.656080896	- T2D risk	TSS200
cg00151815	SRPK2	chr7	0.656092076	- T2D risk	Body
cg02052569	ATXN1	chr6	0.656184449	- T2D risk	5'UTR
cg00082656	SRPK2	chr7	0.656236682	- T2D risk	Body
cg02519218	CHFR	chr12	0.656245969	+ T2D risk	Body
cg27287166	NCOA2	chr8	0.656268188	- T2D risk	5'UTR
cg17950139	CPLX2	chr5	0.656352007	- T2D risk	TSS1500
cg17950139	CPLX2	chr5	0.656352007	- T2D risk	5'UTR
cg25085723	PPFIBP1	chr12	0.656481117	- T2D risk	5'UTR
cg11710299	ARL15	chr5	0.656485716	- T2D risk	Body
cg19210352	CREBBP	chr16	0.656657442	+ T2D risk	Body
cg05062944	RHBDD1	chr2	0.656733368	+ T2D risk	Body
cg13598864	POC1B	chr12	0.657060465	+ T2D risk	Body
cg26677394	RCAN2	chr6	0.657266852	- T2D risk	Body
cg13367589	CHKA	chr11	0.6573854	+ T2D risk	Body
cg06076692	ATXN1	chr6	0.657395177	- T2D risk	5'UTR
cg15621892	ANK2	chr4	0.657469375	- T2D risk	Body
cg11681272	SRPK2	chr7	0.657576056	- T2D risk	Body
cg11681272	SRPK2	chr7	0.657576056	- T2D risk	ExonBnd
cg09509553	RGS7	chr1	0.657587749	- T2D risk	Body
cg14773588	PHACTR1	chr6	0.657723029	+ T2D risk	Body
cg16688681	GNA12	chr7	0.657843225	- T2D risk	Body
cg15188939	ARIH1	chr15	0.65792832	- T2D risk	Body
cg26733444	PRKAG2	chr7	0.658054596	+ T2D risk	Body
cg19567866	SPOCK1	chr5	0.658068997	- T2D risk	Body
cg19308029	SSBP2	chr5	0.658183292	+ T2D risk	Body
cg24624090	SLIT3	chr5	0.658193958	- T2D risk	Body
cg19621049	ATXN1	chr6	0.658223169	- T2D risk	5'UTR
cg25106461	PACS2	chr14	0.658245739	- T2D risk	TSS1500
cg12009109	GGPS1	chr1	0.658331141	- T2D risk	TSS200
cg12009109	GGPS1	chr1	0.658331141	- T2D risk	TSS1500
cg19298572	GALK2	chr15	0.658364674	+ T2D risk	TSS200
cg23629959	PRKACB	chr1	0.658436999	+ T2D risk	Body
cg04940349	RAP1GAP2	chr17	0.658438514	+ T2D risk	3'UTR
cg18484162	CLASP2	chr3	0.658704095	+ T2D risk	TSS1500
cg22505420	TPCN1	chr12	0.658781018	- T2D risk	Body
cg15726318	NCOA2	chr8	0.658874836	- T2D risk	5'UTR
cg04960169	RAP1GAP2	chr17	0.658916804	- T2D risk	Body
cg26387689	PDE3A	chr12	0.659077266	- T2D risk	TSS1500
cg06910198	ANK3	chr10	0.659115523	- T2D risk	1stExon
cg06910198	ANK3	chr10	0.659115523	- T2D risk	5'UTR
cg06910198	ANK3	chr10	0.659115523	- T2D risk	Body

cg18697121	CUL1	chr7	0.659129321	+ T2D risk	5'UTR
cg16231954	ROBO2	chr3	0.659198923	- T2D risk	5'UTR
cg16231954	ROBO2	chr3	0.659198923	- T2D risk	1stExon
cg10987413	ARHGEF9	chrX	0.659384459	+ T2D risk	Body
cg10987413	ARHGEF9	chrX	0.659384459	+ T2D risk	TSS1500
cg00460589	PHACTR1	chr6	0.659457195	+ T2D risk	Body
cg15191126	TSGA10	chr2	0.659525167	+ T2D risk	Body
cg13696545	ERC2	chr3	0.659588817	- T2D risk	Body
cg06916161	ERC2	chr3	0.659687765	- T2D risk	Body
cg14079020	TMEM131	chr2	0.659710892	+ T2D risk	Body
cg06089322	PLEKHG3	chr14	0.659851197	- T2D risk	Body
cg15747671	PACRG	chr6	0.659885968	+ T2D risk	Body
cg12307370	BIRC5	chr17	0.659895476	+ T2D risk	TSS1500
cg20641545	ATP2B1	chr12	0.660222496	- T2D risk	3'UTR
cg15931233	ARL15	chr5	0.660287024	- T2D risk	Body
cg25139641	TSHZ1	chr18	0.660310536	+ T2D risk	TSS1500
cg20835656	ANK3	chr10	0.660408872	- T2D risk	Body
cg13596497	COL4A1	chr13	0.660422726	+ T2D risk	Body
cg09456134	NCOR1	chr17	0.660508283	- T2D risk	Body
cg09665488	SSB	chr2	0.660517277	+ T2D risk	5'UTR
cg09729030	ANK2	chr4	0.660647326	- T2D risk	Body
cg09522479	DIP2C	chr10	0.660804159	- T2D risk	Body
cg26134737	DIP2C	chr10	0.660925927	+ T2D risk	Body
cg09230870	TANC2	chr17	0.660945057	- T2D risk	Body
cg10617091	ARID2	chr12	0.66097566	- T2D risk	Body
cg23509227	ZHX2	chr8	0.660988785	- T2D risk	5'UTR
cg07996555	DIP2C	chr10	0.66111947	+ T2D risk	Body
cg02261543	CTR9	chr11	0.661165044	- T2D risk	Body
cg18565138	CHKA	chr11	0.661213792	+ T2D risk	Body
cg22792350	RANBP17	chr5	0.661360137	- T2D risk	TSS1500
cg04983163	ATXN1	chr6	0.661489441	+ T2D risk	5'UTR
cg04983163	ATXN1	chr6	0.661489441	+ T2D risk	ExonBnd
cg11764784	ULK4	chr3	0.661662285	+ T2D risk	Body
cg11658909	ASH1L	chr1	0.662067266	- T2D risk	5'UTR
cg10243322	KDM4B	chr19	0.662073704	+ T2D risk	Body
cg10210928	GNA12	chr7	0.662171176	- T2D risk	Body
cg27181968	NGF	chr1	0.66230091	+ T2D risk	5'UTR
cg14003467	PCYT1A	chr3	0.66245711	- T2D risk	TSS1500
cg18940157	PACS2	chr14	0.66252699	+ T2D risk	Body
cg18940157	PACS2	chr14	0.66252699	+ T2D risk	5'UTR
cg17180443	ATP4A	chr19	0.662552753	- T2D risk	Body
cg15042047	PRKAG2	chr7	0.662594631	+ T2D risk	Body
cg14079445	CUX2	chr12	0.662644793	- T2D risk	Body
cg08009697	SRPK2	chr7	0.662732726	- T2D risk	Body
cg14355321	ZHX2	chr8	0.66302821	+ T2D risk	5'UTR
cg15344068	CLIC5	chr6	0.663095467	- T2D risk	3'UTR
cg15220914	GRK5	chr10	0.663152379	+ T2D risk	Body
cg02404256	DYNC111	chr7	0.663160971	- T2D risk	Body
cg16234086	CLIC5	chr6	0.663180287	+ T2D risk	TSS200
cg16234086	CLIC5	chr6	0.663180287	+ T2D risk	Body
cg14846596	CUL1	chr7	0.663201143	- T2D risk	3'UTR
cg08871031	DIP2C	chr10	0.663241917	+ T2D risk	Body
cg06007323	KIAA0232	chr4	0.663281831	- T2D risk	5'UTR
cg26612987	LMCD1	chr3	0.663344958	- T2D risk	TSS1500
cg14713153	DIP2C	chr10	0.663509592	- T2D risk	Body
cg02683371	CLOCK	chr4	0.663521887	+ T2D risk	3'UTR
cg24113686	ITPKB	chr1	0.663536094	+ T2D risk	Body
cg03021573	SEC31A	chr4	0.663811737	- T2D risk	Body
cg02618151	PACS2	chr14	0.663852127	+ T2D risk	Body
cg27320207	NOTCH3	chr19	0.663981594	- T2D risk	Body
cg04053961	ATP6V1H	chr8	0.664019847	+ T2D risk	TSS1500
cg20150647	PFKFB2	chr1	0.664024152	- T2D risk	Body
cg19877157	GNA12	chr7	0.664341803	+ T2D risk	Body
cg16309622	PACRG	chr6	0.664501915	+ T2D risk	Body
cg03287763	DIP2C	chr10	0.664561124	- T2D risk	Body
cg16953943	ATP8A2	chr13	0.664626798	+ T2D risk	Body
cg02332174	ULK4	chr3	0.664738836	+ T2D risk	Body
cg07862302	NCOA7	chr6	0.664772924	- T2D risk	3'UTR
cg07236840	DIP2C	chr10	0.664942981	+ T2D risk	Body
cg23581361	TTC28	chr22	0.664979362	+ T2D risk	Body

cg00463844	PDE8A	chr15	0.665005191	+ T2D risk	5'UTR
cg00463844	PDE8A	chr15	0.665005191	+ T2D risk	Body
cg23687319	GGPS1	chr1	0.665092553	+ T2D risk	5'UTR
cg23687319	GGPS1	chr1	0.665092553	+ T2D risk	1stExon
cg27311272	DIP2C	chr10	0.665167497	- T2D risk	Body
cg18599155	ARL8B	chr3	0.66530841	- T2D risk	TSS1500
cg04368942	CALD1	chr7	0.665356773	+ T2D risk	Body
cg24336686	PDE3A	chr12	0.665420416	+ T2D risk	Body
cg14609314	PPP1R12A	chr12	0.665855613	+ T2D risk	Body
cg24334381	NGLY1	chr3	0.665874595	+ T2D risk	Body
cg12598524	PRKCE	chr2	0.665904982	+ T2D risk	Body
cg23575527	PLAGL1	chr6	0.66590523	+ T2D risk	5'UTR
cg06110059	SEZ6L	chr22	0.665958672	+ T2D risk	Body
cg10680196	ACTN4	chr19	0.665998858	+ T2D risk	Body
cg00513611	KDM4B	chr19	0.666132623	+ T2D risk	Body
cg17202446	SLIT3	chr5	0.66614905	+ T2D risk	Body
cg12076142	ADCY5	chr3	0.666204455	+ T2D risk	Body
cg19505398	DDHD2	chr8	0.666209505	+ T2D risk	ExonBnd
cg19505398	DDHD2	chr8	0.666209505	+ T2D risk	Body
cg02725620	CUX1	chr7	0.666211502	+ T2D risk	Body
cg07623238	PACRG	chr6	0.666349586	+ T2D risk	Body
cg23088461	CNTROB	chr17	0.666357369	- T2D risk	TSS200
cg07479547	PRKAG2	chr7	0.66644365	+ T2D risk	Body
cg10476288	SPAG9	chr17	0.666478736	+ T2D risk	Body
cg27457655	GRK5	chr10	0.666513848	- T2D risk	Body
cg09089066	PLEKHG3	chr14	0.666565469	- T2D risk	Body
cg12905931	TTC28	chr22	0.666726844	+ T2D risk	3'UTR
cg23175130	GRK5	chr10	0.666751891	- T2D risk	Body
cg11569219	CLOCK	chr4	0.666756995	+ T2D risk	TSS200
cg11569219	CLOCK	chr4	0.666756995	+ T2D risk	TSS1500
cg14845865	ATP6V1A	chr3	0.666865407	+ T2D risk	5'UTR
cg15180253	KIAA1217	chr10	0.666887626	+ T2D risk	Body
cg09297447	WWP2	chr16	0.667083413	+ T2D risk	5'UTR
cg02062237	ANK2	chr4	0.66714679	+ T2D risk	Body
cg22596515	GGPS1	chr1	0.667203428	+ T2D risk	TSS200
cg22596515	GGPS1	chr1	0.667203428	+ T2D risk	TSS1500
cg08452038	TTC28	chr22	0.667278386	- T2D risk	Body
cg03156893	PRKCB	chr16	0.667320252	+ T2D risk	Body
cg20592084	CUX1	chr7	0.667359712	- T2D risk	Body
cg06640355	RPGR	chrX	0.66742782	+ T2D risk	Body
cg22504024	CUX2	chr12	0.667725016	+ T2D risk	Body
cg03472539	CREBBP	chr16	0.667731117	- T2D risk	Body
cg08327371	PRKCB	chr16	0.667965179	- T2D risk	Body
cg21864259	ERC2	chr3	0.668228837	+ T2D risk	TSS1500
cg12513481	SKAP1	chr17	0.668278269	- T2D risk	TSS1500
cg16799737	HMBX1	chr8	0.668411208	+ T2D risk	5'UTR
cg24956866	CALD1	chr7	0.668594008	- T2D risk	TSS200
cg06889202	PACS2	chr14	0.668649053	- T2D risk	5'UTR
cg01819937	ANK3	chr10	0.668746931	- T2D risk	Body
cg03157210	SLIT3	chr5	0.668786882	+ T2D risk	Body
cg08889157	ATXN1	chr6	0.668787798	- T2D risk	5'UTR
cg23653704	NGF	chr1	0.66879314	- T2D risk	TSS1500
cg12517452	ITGA1	chr5	0.668807101	- T2D risk	TSS200
cg03609034	CUX1	chr7	0.668973785	+ T2D risk	Body
cg06481807	NCOA2	chr8	0.668981457	- T2D risk	Body
cg12247968	DACH1	chr13	0.669026981	+ T2D risk	TSS1500
cg08256761	PPP1R12A	chr12	0.669069731	+ T2D risk	3'UTR
cg03075683	CLEC16A	chr16	0.669103531	+ T2D risk	TSS200
cg00662485	CLASP2	chr3	0.669169618	- T2D risk	Body
cg12022967	ATP8A2	chr13	0.669253198	- T2D risk	Body
cg26369444	ARL15	chr5	0.669299289	+ T2D risk	Body
cg18694815	RTN4	chr2	0.669361649	- T2D risk	TSS1500
cg16648679	SLIT3	chr5	0.669516308	- T2D risk	Body
cg12400070	SPOCK1	chr5	0.669669136	+ T2D risk	Body
cg16410579	SLC29A4	chr7	0.669740885	+ T2D risk	5'UTR
cg10382832	NGLY1	chr3	0.669886177	+ T2D risk	Body
cg10382832	NGLY1	chr3	0.669886177	+ T2D risk	TSS1500
cg13533403	SLC29A4	chr7	0.669972732	+ T2D risk	Body
cg00842122	GALK2	chr15	0.670124928	- T2D risk	Body
cg02307880	CUX1	chr7	0.670130132	+ T2D risk	Body

cg08139059	PACS2	chr14	0.670143149	- T2D risk	Body
cg12418686	ITGA1	chr5	0.670222059	- T2D risk	Body
cg15478005	ATP6V1A	chr3	0.670237843	+ T2D risk	TSS200
cg27460675	GRK5	chr10	0.670254495	+ T2D risk	Body
cg08365618	NGLY1	chr3	0.670255409	- T2D risk	Body
cg08365618	OXSM	chr3	0.670255409	- T2D risk	TSS1500
cg20465933	FAM160A1	chr4	0.670403071	+ T2D risk	5'UTR
cg10320211	FNIP2	chr4	0.670534786	+ T2D risk	Body
cg27004481	PDLIM5	chr4	0.670653351	- T2D risk	5'UTR
cg27004481	PDLIM5	chr4	0.670653351	- T2D risk	Body
cg22355517	PDE3A	chr12	0.670668822	- T2D risk	1stExon
cg00078221	EIF4EBP3	chr5	0.670721705	+ T2D risk	Body
cg02628353	HNRNPA2B1	chr7	0.670810286	+ T2D risk	TSS1500
cg08836861	NQO1	chr16	0.670846574	+ T2D risk	Body
cg04340677	PKD1	chr2	0.670888472	+ T2D risk	Body
cg04340677	PKD1	chr2	0.670888472	+ T2D risk	1stExon
cg04340677	PKD1	chr2	0.670888472	+ T2D risk	5'UTR
cg19292183	PHF21A	chr11	0.670919676	- T2D risk	Body
cg25932761	CUX2	chr12	0.670958727	- T2D risk	Body
cg23570776	TANC2	chr17	0.671002716	+ T2D risk	Body
cg22858856	WDR48	chr3	0.671102045	- T2D risk	5'UTR
cg22858856	WDR48	chr3	0.671102045	- T2D risk	1stExon
cg16460553	PPFIBP1	chr12	0.671118993	- T2D risk	5'UTR
cg18574112	PKD1	chr2	0.671291292	+ T2D risk	Body
cg14923176	SLC9A6	chrX	0.671336348	+ T2D risk	Body
cg24250069	ANK2	chr4	0.671360451	+ T2D risk	TSS1500
cg06790860	NQO1	chr16	0.67141074	+ T2D risk	Body
cg13657106	ARL15	chr5	0.671429218	+ T2D risk	Body
cg21848581	ATP8A2	chr13	0.671682515	- T2D risk	Body
cg00657810	WWP2	chr16	0.671753389	+ T2D risk	Body
cg01915688	PPP1R12A	chr12	0.671807173	+ T2D risk	Body
cg14329685	APBA1	chr9	0.671828361	+ T2D risk	TSS1500
cg04781532	PRKAG2	chr7	0.671883701	+ T2D risk	Body
cg05992501	GRK5	chr10	0.671909478	+ T2D risk	Body
cg02731148	ERC2	chr3	0.672020993	- T2D risk	3'UTR
cg08975915	ATP2B1	chr12	0.672024703	+ T2D risk	TSS1500
cg10527300	COL4A1	chr13	0.672064925	- T2D risk	Body
cg18002632	ASH1L	chr1	0.672343944	+ T2D risk	Body
cg14095215	TTC28	chr22	0.672346239	+ T2D risk	Body
cg00586623	CLEC16A	chr16	0.67236147	- T2D risk	TSS1500
cg05806255	GLG1	chr16	0.672393355	- T2D risk	Body
cg18998002	TOP2A	chr17	0.672536866	- T2D risk	Body
cg10487127	ATXN1	chr6	0.672657833	- T2D risk	5'UTR
cg10487127	ATXN1	chr6	0.672657833	- T2D risk	1stExon
cg22355898	PACRG	chr6	0.672761345	+ T2D risk	Body
cg01825276	MYO6	chr6	0.672974625	- T2D risk	5'UTR
cg26551822	KIAA1217	chr10	0.673060596	- T2D risk	5'UTR
cg24489561	TENM2	chr5	0.673238499	- T2D risk	Body
cg07617636	PRKAG2	chr7	0.673350229	- T2D risk	Body
cg06888295	TPCN1	chr12	0.673440171	+ T2D risk	Body
cg20500978	ROBO2	chr3	0.673447901	+ T2D risk	Body
cg14115597	SSBP2	chr5	0.673505332	+ T2D risk	Body
cg13042065	LAMA4	chr6	0.673713873	+ T2D risk	Body
cg05893042	TBC1D5	chr3	0.673759519	- T2D risk	Body
cg13627677	SH3GL2	chr9	0.673846338	+ T2D risk	Body
cg07404252	PRKAG2	chr7	0.673880656	+ T2D risk	Body
cg12259746	ATXN1	chr6	0.673882149	- T2D risk	5'UTR
cg24483166	MYO6	chr6	0.673920721	+ T2D risk	Body
cg01600732	ERC2	chr3	0.673951259	+ T2D risk	Body
cg10518440	CNTROB	chr17	0.673962836	+ T2D risk	1stExon
cg10518440	CNTROB	chr17	0.673962836	+ T2D risk	5'UTR
cg02576744	KREMEN1	chr22	0.673991628	+ T2D risk	Body
cg23431382	MEIS2	chr15	0.674003199	+ T2D risk	Body
cg01399051	CDH22	chr20	0.674020197	+ T2D risk	5'UTR
cg25462229	PACRG	chr6	0.674179077	+ T2D risk	Body
cg13502346	PLEKHG3	chr14	0.67428733	+ T2D risk	TSS1500
cg21034619	ATP8A2	chr13	0.674392585	- T2D risk	Body
cg17425584	CADM1	chr11	0.674531388	- T2D risk	Body
cg04459481	GLG1	chr16	0.674555127	- T2D risk	Body
cg04459481	GLG1	chr16	0.674555127	- T2D risk	1stExon

cg13344344	MAST1	chr19	0.674633039	+ T2D risk	Body
cg04324644	RGS7	chr1	0.674635679	- T2D risk	Body
cg09776150	ADCY5	chr3	0.674673924	- T2D risk	Body
cg18137427	CLIC5	chr6	0.674732046	- T2D risk	5'UTR
cg18137427	CLIC5	chr6	0.674732046	- T2D risk	1stExon
cg18137427	CLIC5	chr6	0.674732046	- T2D risk	Body
cg10030710	DIP2C	chr10	0.674762404	- T2D risk	Body
cg25996290	ATP8A2	chr13	0.674851953	+ T2D risk	Body
cg08285739	CTR9	chr11	0.67487883	+ T2D risk	TSS1500
cg21933626	ADCY5	chr3	0.674901592	+ T2D risk	Body
cg23432930	CHFR	chr12	0.67502831	- T2D risk	TSS1500
cg16771677	RHOA	chr3	0.675159983	+ T2D risk	3'UTR
cg22514231	CHID1	chr11	0.675266888	+ T2D risk	TSS200
cg13420975	LMX1B	chr9	0.675568991	+ T2D risk	Body
cg00294620	PRKAG2	chr7	0.675599162	+ T2D risk	5'UTR
cg00294620	PRKAG2	chr7	0.675599162	+ T2D risk	Body
cg00427086	ARPP19	chr15	0.675666628	+ T2D risk	TSS200
cg00996959	CNTNAP2	chr7	0.675703759	+ T2D risk	Body
cg24508208	CALD1	chr7	0.675768145	- T2D risk	Body
cg24508208	CALD1	chr7	0.675768145	- T2D risk	TSS1500
cg06468203	CUX1	chr7	0.675859926	- T2D risk	Body
cg20208292	FNIP2	chr4	0.675913724	- T2D risk	Body
cg14052114	CLASP2	chr3	0.67599071	- T2D risk	TSS200
cg06353500	ATP8A2	chr13	0.67607388	- T2D risk	Body
cg10432654	GNA12	chr7	0.67624216	+ T2D risk	Body
cg10029496	PACRG	chr6	0.676373027	- T2D risk	Body
cg15763628	DIP2C	chr10	0.676455489	+ T2D risk	Body
cg17336584	PHACTR1	chr6	0.676616126	+ T2D risk	Body
cg27372750	ACSS2	chr20	0.676676538	- T2D risk	Body
cg05779006	CNTROB	chr17	0.676752422	+ T2D risk	1stExon
cg05779006	CNTROB	chr17	0.676752422	+ T2D risk	5'UTR
cg00013255	ADCY5	chr3	0.676789236	+ T2D risk	Body
cg13246941	ULK4	chr3	0.676849936	- T2D risk	Body
cg01755728	RHOA	chr3	0.676958173	+ T2D risk	TSS200
cg07662557	GLA	chrX	0.676987549	- T2D risk	Body
cg02979325	CUX2	chr12	0.676992371	+ T2D risk	Body
cg09765230	RHOA	chr3	0.676992735	- T2D risk	5'UTR
cg01142212	PHACTR1	chr6	0.677010186	- T2D risk	Body
cg03584378	SLC7A2	chr8	0.677096177	+ T2D risk	5'UTR
cg09536336	SLIT3	chr5	0.677102458	+ T2D risk	Body
cg01723019	KIAA1217	chr10	0.677123	- T2D risk	5'UTR
cg01723019	KIAA1217	chr10	0.677123	- T2D risk	Body
cg21893456	DLL4	chr15	0.677183841	+ T2D risk	TSS200
cg11122148	TSC22D1	chr13	0.677263739	- T2D risk	TSS200
cg06880494	CNTNAP2	chr7	0.677274517	+ T2D risk	Body
cg14473568	ROBO2	chr3	0.677409371	- T2D risk	TSS1500
cg00004533	AGPAT3	chr21	0.677639714	+ T2D risk	3'UTR
cg26416887	CUX2	chr12	0.677672141	+ T2D risk	Body
cg15525119	ASXL2	chr2	0.677702039	- T2D risk	Body
cg17928208	RAP2A	chr13	0.677711301	- T2D risk	Body
cg19288979	NPAT	chr11	0.67776299	- T2D risk	Body
cg02433515	MEIS2	chr15	0.677790461	+ T2D risk	Body
cg20907124	SCAF8	chr6	0.677994144	+ T2D risk	Body
cg06235522	MEIS2	chr15	0.678023153	+ T2D risk	Body
cg09665520	CUX2	chr12	0.678067087	- T2D risk	Body
cg13862927	APBA1	chr9	0.678086374	- T2D risk	5'UTR
cg12084076	NOL4	chr18	0.678166275	+ T2D risk	TSS1500
cg12084076	NOL4	chr18	0.678166275	+ T2D risk	TSS200
cg17885959	ULK4	chr3	0.678171883	- T2D risk	Body
cg05933932	DNAH9	chr17	0.678452565	- T2D risk	Body
cg04105250	GAD1	chr2	0.678560316	+ T2D risk	Body
cg11043990	RNF157	chr17	0.678580096	- T2D risk	Body
cg22814941	EFR3A	chr8	0.678583554	+ T2D risk	TSS200
cg27548256	ACTN4	chr19	0.678703088	+ T2D risk	Body
cg26539571	ATXN1	chr6	0.678756994	- T2D risk	5'UTR
cg18379116	SLIT3	chr5	0.678840572	+ T2D risk	Body
cg21044637	TSC22D1	chr13	0.678899489	- T2D risk	Body
cg21044637	TSC22D1	chr13	0.678899489	- T2D risk	5'UTR
cg22877703	SLC7A2	chr8	0.679110296	+ T2D risk	TSS200
cg22877703	SLC7A2	chr8	0.679110296	+ T2D risk	5'UTR

cg08459383	KIAA0355	chr19	0.679139471	+ T2D risk	5'UTR
cg09186143	TTC28	chr22	0.679141845	+ T2D risk	Body
cg24963933	SPOCK1	chr5	0.679241486	+ T2D risk	Body
cg19647783	KIAA1217	chr10	0.679289479	- T2D risk	TSS1500
cg19647783	KIAA1217	chr10	0.679289479	- T2D risk	5'UTR
cg21270228	ANK3	chr10	0.679351287	+ T2D risk	Body
cg08195448	NOL4	chr18	0.679379497	- T2D risk	TSS1500
cg03499777	RAP2A	chr13	0.679440622	+ T2D risk	TSS1500
cg15864612	DIP2C	chr10	0.679681559	- T2D risk	Body
cg05632631	PRKCB	chr16	0.679793458	+ T2D risk	Body
cg02639111	CDK8	chr13	0.679796261	- T2D risk	Body
cg05180540	PDE7A	chr8	0.679801594	- T2D risk	TSS1500
cg05180540	PDE7A	chr8	0.679801594	- T2D risk	Body
cg12778938	ATP8A2	chr13	0.679856755	- T2D risk	Body
cg24833675	ATP8A2	chr13	0.679858058	- T2D risk	Body
cg08596850	CUX1	chr7	0.680025381	+ T2D risk	Body
cg17473727	ULK4	chr3	0.680178844	+ T2D risk	Body
cg01284854	SLIT3	chr5	0.6802295	- T2D risk	Body
cg01949584	PRKAG2	chr7	0.680290115	- T2D risk	5'UTR
cg01949584	PRKAG2	chr7	0.680290115	- T2D risk	Body
cg13552669	TENM2	chr5	0.680411392	+ T2D risk	Body
cg01771937	JPH2	chr20	0.68046583	+ T2D risk	TSS1500
cg26391350	GAD1	chr2	0.680488562	- T2D risk	5'UTR
cg18567941	COX6A1	chr12	0.680579193	+ T2D risk	3'UTR
cg02413312	NCOA2	chr8	0.680597217	- T2D risk	5'UTR
cg23015991	PDE3A	chr12	0.680610303	- T2D risk	Body
cg09527886	GNA12	chr7	0.680730691	+ T2D risk	Body
cg01425892	RGS7	chr1	0.680793543	+ T2D risk	Body
cg25422542	PRKAG2	chr7	0.680800208	- T2D risk	Body
cg11026382	PRKACB	chr1	0.680922887	- T2D risk	Body
cg16356472	SLC30A8	chr8	0.680958176	- T2D risk	5'UTR
cg01338762	FBXO11	chr2	0.681060457	+ T2D risk	Body
cg00534479	SLIT3	chr5	0.681119087	- T2D risk	Body
cg05115532	EFCAB14	chr1	0.681165932	+ T2D risk	Body
cg08125503	NCOR1	chr17	0.681178183	+ T2D risk	TSS1500
cg19422369	GNA12	chr7	0.681185864	+ T2D risk	Body
cg09457910	ASXL2	chr2	0.681194244	+ T2D risk	Body
cg14115119	SPAG9	chr17	0.681409658	- T2D risk	Body
cg26477455	EFR3A	chr8	0.68142482	+ T2D risk	Body
cg20069833	ATP6V1H	chr8	0.681471678	+ T2D risk	Body
cg03198372	KREMEN1	chr22	0.681517495	+ T2D risk	TSS1500
cg00466500	CDH22	chr20	0.681551736	+ T2D risk	Body
cg24425628	NF1	chr17	0.681574333	+ T2D risk	Body
cg06725479	NDUFB3	chr2	0.681636195	- T2D risk	5'UTR
cg23531154	KIAA1217	chr10	0.681749891	- T2D risk	5'UTR
cg24488861	SPAG9	chr17	0.681806654	- T2D risk	5'UTR
cg24488861	SPAG9	chr17	0.681806654	- T2D risk	1stExon
cg08619515	CLEC16A	chr16	0.682023484	+ T2D risk	Body
cg11718566	MGRN1	chr16	0.682182218	- T2D risk	Body
cg00549361	ARL15	chr5	0.682231046	- T2D risk	Body
cg15005172	ASH1L	chr1	0.682257891	+ T2D risk	Body
cg02819851	RBM4	chr11	0.682297157	- T2D risk	TSS200
cg20024713	NUP98	chr11	0.682420425	- T2D risk	Body
cg20024713	NUP98	chr11	0.682420425	- T2D risk	ExonBnd
cg07421858	HMBOX1	chr8	0.682720985	+ T2D risk	TSS1500
cg19591408	KIAA1217	chr10	0.682822302	- T2D risk	TSS1500
cg05587239	CUX2	chr12	0.682841278	+ T2D risk	Body
cg24605553	ATP8A2	chr13	0.6828728	- T2D risk	Body
cg09003269	WDR48	chr3	0.682919776	- T2D risk	Body
cg04674568	SLIT3	chr5	0.682940248	- T2D risk	Body
cg20684253	PRKCB	chr16	0.683305426	- T2D risk	Body
cg01239944	GNA12	chr7	0.683339143	- T2D risk	Body
cg25390658	CALD1	chr7	0.683431022	- T2D risk	1stExon
cg25390658	CALD1	chr7	0.683431022	- T2D risk	Body
cg25390658	CALD1	chr7	0.683431022	- T2D risk	5'UTR
cg10160276	TOX3	chr16	0.683468803	+ T2D risk	TSS1500
cg00884606	NOL4	chr18	0.683646198	- T2D risk	TSS200
cg11607882	EFR3A	chr8	0.683686604	+ T2D risk	Body
cg01059768	CDH22	chr20	0.683746845	- T2D risk	Body
cg25499746	ATXN1	chr6	0.683848628	+ T2D risk	5'UTR

cg04978831	PACRG	chr6	0.683977235	- T2D risk	Body
cg26034150	NDUFB3	chr2	0.684087133	- T2D risk	5'UTR
cg26034150	NDUFB3	chr2	0.684087133	- T2D risk	1stExon
cg07123550	NCOA2	chr8	0.684369522	- T2D risk	5'UTR
cg17332715	SRPK2	chr7	0.684432053	+ T2D risk	Body
cg05983758	PDE8A	chr15	0.684617264	- T2D risk	Body
cg17636538	AGPAT3	chr21	0.684651707	+ T2D risk	5'UTR
cg21237360	RBBP6	chr16	0.684679125	+ T2D risk	5'UTR
cg21237360	RBBP6	chr16	0.684679125	+ T2D risk	1stExon
cg19151208	SRPK2	chr7	0.684713164	+ T2D risk	Body
cg13393612	CUX1	chr7	0.684736707	+ T2D risk	Body
cg12918839	LAP3	chr4	0.684742941	- T2D risk	Body
cg06598622	ATXN1	chr6	0.684806596	- T2D risk	5'UTR
cg23389069	NPAT	chr11	0.684936467	+ T2D risk	Body
cg19184885	NPEPPS	chr17	0.684950736	+ T2D risk	3'UTR
cg18861713	YWHAQ	chr2	0.684953467	+ T2D risk	Body
cg01238858	CLEC16A	chr16	0.684971754	- T2D risk	Body
cg27476248	CUX2	chr12	0.685036509	+ T2D risk	Body
cg16904483	ZHX2	chr8	0.685053937	+ T2D risk	5'UTR
cg26918117	CUX1	chr7	0.685200101	- T2D risk	Body
cg23842386	ENAH	chr1	0.685209209	- T2D risk	1stExon
cg23842386	ENAH	chr1	0.685209209	- T2D risk	5'UTR
cg01049462	ACTN4	chr19	0.685230878	- T2D risk	Body
cg04724646	PDE3A	chr12	0.685280344	- T2D risk	Body
cg09730369	PLAGL1	chr6	0.685462623	+ T2D risk	5'UTR
cg00051022	SGSM2	chr17	0.685591686	+ T2D risk	Body
cg05314961	AGPAT3	chr21	0.685660367	+ T2D risk	Body
cg06855877	TJP1	chr15	0.68576508	- T2D risk	ExonBnd
cg06855877	TJP1	chr15	0.68576508	- T2D risk	Body
cg06595510	ADCY5	chr3	0.685845522	- T2D risk	Body
cg13710390	TENM2	chr5	0.685907325	+ T2D risk	Body
cg06769918	PHACTR1	chr6	0.685969146	- T2D risk	Body
cg04514983	NDUFB3	chr2	0.686200363	+ T2D risk	TSS1500
cg13269128	PDE7A	chr8	0.686216708	+ T2D risk	TSS200
cg04769577	GNA12	chr7	0.686278604	+ T2D risk	Body
cg04769577	GNA12	chr7	0.686278604	+ T2D risk	TSS200
cg19798368	CRYL1	chr13	0.686337329	+ T2D risk	Body
cg19039841	ATRN	chr20	0.686394694	- T2D risk	Body
cg19039841	ATRN	chr20	0.686394694	- T2D risk	3'UTR
cg08310866	KCNJ12	chr17	0.686531219	- T2D risk	5'UTR
cg27340209	ATP6V1H	chr8	0.686632965	+ T2D risk	Body
cg14018140	DIP2C	chr10	0.686665893	- T2D risk	Body
cg09037026	PACS1	chr11	0.686731062	+ T2D risk	Body
cg25700789	GNA12	chr7	0.687053736	+ T2D risk	Body
cg25700789	GNA12	chr7	0.687053736	+ T2D risk	TSS1500
cg02079060	ENAH	chr1	0.687074592	- T2D risk	Body
cg02223062	TTC28	chr22	0.687115453	- T2D risk	TSS200
cg00246280	CUX1	chr7	0.687117523	- T2D risk	Body
cg09822726	TANC2	chr17	0.687147343	+ T2D risk	Body
cg12723862	MET	chr7	0.687223229	- T2D risk	Body
cg05321442	SLIT3	chr5	0.687430022	+ T2D risk	Body
cg04585679	KDM4B	chr19	0.687587166	- T2D risk	Body
cg10278102	PRMT3	chr11	0.687620276	- T2D risk	Body
cg10278102	PRMT3	chr11	0.687620276	- T2D risk	5'UTR
cg11934134	CLASP2	chr3	0.687626048	+ T2D risk	Body
cg19269426	GGPS1	chr1	0.687797272	+ T2D risk	Body
cg19269426	GGPS1	chr1	0.687797272	+ T2D risk	5'UTR
cg01378578	PFKFB2	chr1	0.687845861	+ T2D risk	5'UTR
cg08897388	LAMA4	chr6	0.687875181	- T2D risk	1stExon
cg08897388	LAMA4	chr6	0.687875181	- T2D risk	5'UTR
cg17993419	RNF217	chr6	0.687884757	+ T2D risk	Body
cg09298484	TSGA10	chr2	0.687915849	- T2D risk	TSS1500
cg09298484	TSGA10	chr2	0.687915849	- T2D risk	5'UTR
cg26277026	ST8SIA1	chr12	0.687978604	+ T2D risk	Body
cg16053241	WWP2	chr16	0.688005357	+ T2D risk	Body
cg11668573	FNIP2	chr4	0.688068042	- T2D risk	Body
cg00019093	UBL3	chr13	0.688202089	- T2D risk	TSS200
cg27397636	ERC2	chr3	0.688207344	- T2D risk	Body
cg16826473	RHBDD1	chr2	0.688241994	- T2D risk	3'UTR
cg24527366	ADCY5	chr3	0.688289239	+ T2D risk	Body

cg24527366	ADCY5	chr3	0.688289239	+ T2D risk	TSS1500
cg04058799	PRKAG2	chr7	0.688469701	- T2D risk	Body
cg05514713	PHACTR1	chr6	0.688507651	+ T2D risk	Body
cg04717703	PACS2	chr14	0.688532699	- T2D risk	Body
cg03849185	TANC2	chr17	0.68858879	- T2D risk	Body
cg26752993	RHOA	chr3	0.688610009	+ T2D risk	TSS1500
cg07061916	DACH1	chr13	0.688723052	+ T2D risk	TSS200
cg11953820	MAST1	chr19	0.688878542	+ T2D risk	Body
cg11953820	MAST1	chr19	0.688878542	+ T2D risk	ExonBnd
cg27440834	SNX4	chr3	0.688914904	+ T2D risk	TSS1500
cg26995924	RTN4	chr2	0.689058186	+ T2D risk	TSS1500
cg26995924	RTN4	chr2	0.689058186	+ T2D risk	Body
cg19082416	DIP2C	chr10	0.689115945	+ T2D risk	3'UTR
cg06705947	CUX2	chr12	0.689221198	+ T2D risk	Body
cg14079365	CUX1	chr7	0.689327326	+ T2D risk	Body
cg11100028	RTN4	chr2	0.689334393	+ T2D risk	Body
cg11100028	RTN4	chr2	0.689334393	+ T2D risk	5'UTR
cg15202874	TENM2	chr5	0.689352595	- T2D risk	Body
cg04144768	DDC	chr7	0.689434392	- T2D risk	5'UTR
cg14030346	CADM1	chr11	0.689471329	+ T2D risk	Body
cg11835785	KDM4B	chr19	0.689493007	+ T2D risk	5'UTR
cg25874246	KIAA1217	chr10	0.689564247	+ T2D risk	Body
cg14863672	KDM4B	chr19	0.689901096	+ T2D risk	5'UTR
cg10672155	ARL15	chr5	0.690001738	+ T2D risk	Body
cg05787590	PRKCE	chr2	0.690036737	+ T2D risk	Body
cg19161559	CUX1	chr7	0.690249606	- T2D risk	Body
cg16602504	FBXO11	chr2	0.690302294	- T2D risk	TSS200
cg06015733	DDHD2	chr8	0.690315921	+ T2D risk	5'UTR
cg05501546	SRPK2	chr7	0.690573514	- T2D risk	Body
cg12227954	DIP2C	chr10	0.69069558	+ T2D risk	Body
cg05098765	MDM1	chr12	0.691080612	+ T2D risk	TSS1500
cg09225295	DYNC111	chr7	0.691082812	- T2D risk	5'UTR
cg11645417	PACRG	chr6	0.69108751	- T2D risk	Body
cg22384217	RGS7	chr1	0.691130556	+ T2D risk	Body
cg15509617	ULK4	chr3	0.691163684	+ T2D risk	Body
cg24975564	PDE3A	chr12	0.691251054	- T2D risk	1stExon
cg17338929	AGPAT3	chr21	0.691453287	- T2D risk	5'UTR
cg23727820	SCAF11	chr12	0.691567112	- T2D risk	Body
cg08671827	PACRG	chr6	0.691708049	- T2D risk	Body
cg15379757	COL4A1	chr13	0.69177638	- T2D risk	Body
cg02323694	PPP1R12A	chr12	0.691847628	+ T2D risk	1stExon
cg02323694	PPP1R12A	chr12	0.691847628	+ T2D risk	5'UTR
cg02323694	PPP1R12A	chr12	0.691847628	+ T2D risk	TSS1500
cg21482536	SSBP2	chr5	0.691924307	- T2D risk	1stExon
cg09083108	PACRG	chr6	0.691941478	- T2D risk	Body
cg23367857	CALD1	chr7	0.692008566	+ T2D risk	Body
cg23367857	CALD1	chr7	0.692008566	+ T2D risk	TSS1500
cg25917442	MDM1	chr12	0.692062044	- T2D risk	TSS200
cg13836627	TJP1	chr15	0.692107533	+ T2D risk	Body
cg25577507	ENAH	chr1	0.692144536	+ T2D risk	Body
cg26059314	LMX1B	chr9	0.692247691	- T2D risk	Body
cg01328392	ANK2	chr4	0.692254158	+ T2D risk	Body
cg00360780	MGRN1	chr16	0.692570383	+ T2D risk	Body
cg10868188	PTP4A2	chr1	0.692600622	- T2D risk	Body
cg17407652	KIAA0355	chr19	0.6926338	+ T2D risk	Body
cg19947439	ST6GAL1	chr3	0.692692271	+ T2D risk	3'UTR
cg14272125	PRKCE	chr2	0.692760564	- T2D risk	Body
cg13722120	ERC2	chr3	0.69277169	- T2D risk	5'UTR
cg25430696	SGSM2	chr17	0.692794447	- T2D risk	TSS1500
cg04326566	CUX1	chr7	0.692800667	+ T2D risk	Body
cg24699699	EVI5	chr1	0.692888672	+ T2D risk	TSS1500
cg08078265	PKD1	chr2	0.69290622	- T2D risk	Body
cg07306605	FLT1	chr13	0.693019425	- T2D risk	Body
cg10646607	KREMEN1	chr22	0.693049325	- T2D risk	Body
cg05694921	PTPRU	chr1	0.693049436	- T2D risk	Body
cg23461512	ATP2B1	chr12	0.693049449	- T2D risk	Body
cg12079975	PRKAG2	chr7	0.693218519	+ T2D risk	Body
cg22519705	FBXO11	chr2	0.693426093	+ T2D risk	ExonBnd
cg22519705	FBXO11	chr2	0.693426093	+ T2D risk	Body
cg12752882	SPAG9	chr17	0.693523047	- T2D risk	Body

cg14705232	<i>TBC1D5</i>	chr3	0.693659456	- T2D risk	Body
cg24360978	<i>ROBO2</i>	chr3	0.693735339	- T2D risk	5'UTR
cg24360978	<i>ROBO2</i>	chr3	0.693735339	- T2D risk	Body
cg06695566	<i>RSF1</i>	chr11	0.693748975	- T2D risk	Body
cg18156269	<i>FNIP2</i>	chr4	0.693789154	+ T2D risk	Body
cg06174407	<i>KREMEN1</i>	chr22	0.693844591	+ T2D risk	Body
cg22988198	<i>CPLX2</i>	chr5	0.693903885	+ T2D risk	Body
cg05904317	<i>PDE5A</i>	chr4	0.693970795	- T2D risk	Body
cg20783223	<i>BCAT1</i>	chr12	0.69408683	- T2D risk	TSS200
cg04208291	<i>NGF</i>	chr1	0.694145896	- T2D risk	5'UTR
cg14173561	<i>ROBO2</i>	chr3	0.694163099	- T2D risk	5'UTR
cg14173561	<i>ROBO2</i>	chr3	0.694163099	- T2D risk	Body
cg12444861	<i>PLAGL1</i>	chr6	0.694182583	+ T2D risk	TSS1500
cg19111422	<i>ANKHD1</i>	chr5	0.694276893	+ T2D risk	Body
cg01485378	<i>TBC1D5</i>	chr3	0.694311515	- T2D risk	5'UTR
cg01485378	<i>TBC1D5</i>	chr3	0.694311515	- T2D risk	1stExon
cg16645977	<i>SLC29A4</i>	chr7	0.694332303	- T2D risk	5'UTR
cg14157570	<i>DLL4</i>	chr15	0.69438198	- T2D risk	3'UTR
cg23513959	<i>PRKCE</i>	chr2	0.694486988	- T2D risk	Body
cg14321334	<i>UNC80</i>	chr2	0.694629446	+ T2D risk	Body
cg03638781	<i>PRKCB</i>	chr16	0.694709995	- T2D risk	Body
cg20471982	<i>NCOR1</i>	chr17	0.694713467	- T2D risk	ExonBnd
cg20471982	<i>NCOR1</i>	chr17	0.694713467	- T2D risk	Body
cg23379698	<i>KREMEN1</i>	chr22	0.694748802	- T2D risk	Body
cg17028430	<i>CRYL1</i>	chr13	0.694808806	+ T2D risk	Body
cg24635682	<i>PTPRU</i>	chr1	0.694843702	- T2D risk	Body
cg06822340	<i>CNTNAP2</i>	chr7	0.69488474	- T2D risk	Body
cg16806497	<i>CADM1</i>	chr11	0.695227716	+ T2D risk	Body
cg20334591	<i>UBE2K</i>	chr4	0.695236494	+ T2D risk	Body
cg06840703	<i>TTC28</i>	chr22	0.695308817	- T2D risk	Body
cg08441803	<i>SKAP1</i>	chr17	0.695331263	+ T2D risk	Body
cg25563772	<i>NF1</i>	chr17	0.695395335	- T2D risk	Body
cg20535781	<i>CHFR</i>	chr12	0.695592558	+ T2D risk	TSS1500
cg02395863	<i>RGS7</i>	chr1	0.695704029	+ T2D risk	Body
cg02953970	<i>FBXO11</i>	chr2	0.695733878	+ T2D risk	Body
cg12081267	<i>TMEM131</i>	chr2	0.695927272	- T2D risk	Body
cg09885320	<i>PPFIBP1</i>	chr12	0.696003245	- T2D risk	5'UTR
cg12760625	<i>DIP2C</i>	chr10	0.696027763	- T2D risk	Body
cg08965435	<i>ARHGAP32</i>	chr11	0.696101723	- T2D risk	ExonBnd
cg08965435	<i>ARHGAP32</i>	chr11	0.696101723	- T2D risk	Body
cg21613389	<i>RAP1GAP2</i>	chr17	0.696397109	- T2D risk	Body
cg22606703	<i>MEIS2</i>	chr15	0.696440777	- T2D risk	Body
cg17189465	<i>ROBO2</i>	chr3	0.696459379	+ T2D risk	TSS200
cg25557835	<i>SLC7A2</i>	chr8	0.696465679	+ T2D risk	5'UTR
cg25557835	<i>SLC7A2</i>	chr8	0.696465679	+ T2D risk	1stExon
cg13446110	<i>PDE3A</i>	chr12	0.696639103	- T2D risk	Body
cg09324830	<i>ACSS2</i>	chr20	0.69666764	+ T2D risk	Body
cg03459839	<i>GNA12</i>	chr7	0.696680302	- T2D risk	Body
cg03459839	<i>GNA12</i>	chr7	0.696680302	- T2D risk	TSS200
cg23792314	<i>BCAT1</i>	chr12	0.696745786	- T2D risk	Body
cg26144491	<i>ACSS2</i>	chr20	0.696774293	- T2D risk	Body
cg10910512	<i>LAMA4</i>	chr6	0.696997743	- T2D risk	TSS200
cg16847719	<i>ATP8A2</i>	chr13	0.697004961	+ T2D risk	Body
cg07098391	<i>KDR</i>	chr4	0.697018021	- T2D risk	1stExon
cg21807628	<i>ITPKB</i>	chr1	0.697082572	- T2D risk	Body
cg11211690	<i>CUL1</i>	chr7	0.697092375	+ T2D risk	Body
cg27346982	<i>RNF157</i>	chr17	0.697142583	+ T2D risk	Body
cg19851979	<i>RSF1</i>	chr11	0.697214111	- T2D risk	TSS1500
cg00903437	<i>DNAH9</i>	chr17	0.697233114	- T2D risk	TSS1500
cg05218902	<i>NGLY1</i>	chr3	0.69733548	+ T2D risk	Body
cg05218902	<i>NGLY1</i>	chr3	0.69733548	+ T2D risk	TSS200
cg21237106	<i>DIP2C</i>	chr10	0.697529454	- T2D risk	Body
cg08635765	<i>SPOCK1</i>	chr5	0.697586132	+ T2D risk	Body
cg22471910	<i>APC</i>	chr5	0.697794901	- T2D risk	Body
cg17250223	<i>TSC22D1</i>	chr13	0.697916281	- T2D risk	Body
cg17250223	<i>TSC22D1</i>	chr13	0.697916281	- T2D risk	TSS1500
cg17250223	<i>TSC22D1</i>	chr13	0.697916281	- T2D risk	5'UTR
cg17250223	<i>TSC22D1</i>	chr13	0.697916281	- T2D risk	TSS200
cg08714510	<i>UXS1</i>	chr2	0.697998544	- T2D risk	Body
cg08714510	<i>UXS1</i>	chr2	0.697998544	- T2D risk	TSS200

cg20785260	SKAP1	chr17	0.698030297	- T2D risk	Body
cg17771610	TSC22D1	chr13	0.698111133	+ T2D risk	Body
cg17771610	TSC22D1	chr13	0.698111133	+ T2D risk	TSS200
cg04312999	AGPAT3	chr21	0.698130863	+ T2D risk	Body
cg08523505	ATXN1	chr6	0.698132492	+ T2D risk	TSS1500
cg25535418	PLAGL1	chr6	0.698155882	- T2D risk	TSS1500
cg16427703	GNA12	chr7	0.698271952	+ T2D risk	Body
cg07390844	TSHZ1	chr18	0.69836633	+ T2D risk	5'UTR
cg07390844	TSHZ1	chr18	0.69836633	+ T2D risk	Body
cg16959075	PDE8A	chr15	0.69844973	- T2D risk	5'UTR
cg16959075	PDE8A	chr15	0.69844973	- T2D risk	Body
cg21920959	MDM1	chr12	0.698824659	+ T2D risk	Body
cg09444931	EFCAB14	chr1	0.699005852	- T2D risk	Body
cg23156400	CADM1	chr11	0.69905542	- T2D risk	Body
cg15993110	ZDHHC2	chr8	0.699084329	- T2D risk	1stExon
cg26372927	ANK3	chr10	0.699087707	- T2D risk	1stExon
cg26372927	ANK3	chr10	0.699087707	- T2D risk	5'UTR
cg26372927	ANK3	chr10	0.699087707	- T2D risk	Body
cg08381990	ATXN1	chr6	0.699118998	- T2D risk	5'UTR
cg01387972	WIZ	chr19	0.699239584	+ T2D risk	Body
cg12544794	TTC28	chr22	0.699315386	- T2D risk	Body
cg04210645	RHBDD1	chr2	0.699442247	- T2D risk	TSS200
cg14387688	ARPP19	chr15	0.699484369	- T2D risk	TSS1500
cg11846207	ARIH1	chr15	0.699498484	- T2D risk	Body
cg12675345	SLIT3	chr5	0.699526785	- T2D risk	Body
cg22649832	SSBP2	chr5	0.699544231	- T2D risk	Body
cg25338488	WWP2	chr16	0.699674108	- T2D risk	TSS200
cg01763602	CUX1	chr7	0.699722348	+ T2D risk	Body
cg20434459	ACTN4	chr19	0.699737173	+ T2D risk	Body
cg22279507	FARSB	chr2	0.699813655	+ T2D risk	3'UTR
cg17422574	RTN4	chr2	0.700017259	+ T2D risk	Body
cg14460953	CNTROB	chr17	0.700039772	- T2D risk	1stExon
cg14460953	CNTROB	chr17	0.700039772	- T2D risk	5'UTR
cg17039011	DIP2C	chr10	0.700079717	+ T2D risk	Body
cg09293391	PLAGL1	chr6	0.700093298	- T2D risk	TSS1500
cg13212407	ATP8A1	chr4	0.700171172	- T2D risk	Body
cg12121347	CLEC16A	chr16	0.700180926	- T2D risk	Body
cg13392051	NUCB2	chr11	0.700301789	+ T2D risk	5'UTR
cg25438801	DIP2C	chr10	0.700303454	- T2D risk	Body
cg05548393	SLC30A8	chr8	0.700321379	- T2D risk	3'UTR
cg03506452	CHFR	chr12	0.700340501	- T2D risk	Body
cg20999864	HNRNPA2B1	chr7	0.700524665	+ T2D risk	3'UTR
cg26175410	RNF157	chr17	0.700566713	+ T2D risk	Body
cg09974756	GRK5	chr10	0.700608999	+ T2D risk	Body
cg13938098	LAMA4	chr6	0.70064722	+ T2D risk	TSS200
cg15436030	ITPKB	chr1	0.700734972	+ T2D risk	Body
cg10367066	WWP2	chr16	0.700748922	+ T2D risk	5'UTR
cg26065534	ATP8A2	chr13	0.700752752	- T2D risk	Body
cg05745950	KDR	chr4	0.7008999	- T2D risk	Body
cg07482547	MTHFS	chr15	0.700960348	- T2D risk	5'UTR
cg07482547	MTHFS	chr15	0.700960348	- T2D risk	TSS1500
cg07482547	MTHFS	chr15	0.700960348	- T2D risk	TSS200
cg07482547	MTHFS	chr15	0.700960348	- T2D risk	1stExon
cg00072158	FLT1	chr13	0.701090264	+ T2D risk	Body
cg11412766	RTN4	chr2	0.701123177	+ T2D risk	Body
cg11412766	RTN4	chr2	0.701123177	+ T2D risk	1stExon
cg11412766	RTN4	chr2	0.701123177	+ T2D risk	5'UTR
cg05071623	ATRNL1	chr10	0.701141708	- T2D risk	TSS1500
cg06558137	RCAN2	chr6	0.701175082	+ T2D risk	5'UTR
cg22102093	ANK3	chr10	0.701232012	+ T2D risk	Body
cg22774937	APBA1	chr9	0.701248406	+ T2D risk	5'UTR
cg06443831	ASXL2	chr2	0.701510575	- T2D risk	Body
cg06308522	ENAH	chr1	0.701524941	+ T2D risk	Body
cg23080845	ATXN1	chr6	0.70155678	- T2D risk	5'UTR
cg16107447	POLA1	chrX	0.7015705	- T2D risk	TSS1500
cg07040778	CHID1	chr11	0.701813354	+ T2D risk	Body
cg11642382	CNTNAP2	chr7	0.701844726	- T2D risk	TSS1500
cg22026465	ERC2	chr3	0.702088501	+ T2D risk	Body
cg02389931	DIP2C	chr10	0.702100172	- T2D risk	Body
cg04635783	ANK3	chr10	0.702435889	- T2D risk	Body

cg15213493	APC	chr5	0.702450068	+ T2D risk	Body
cg24315695	PACS2	chr14	0.70246393	+ T2D risk	Body
cg08241694	DDC	chr7	0.702525646	+ T2D risk	TSS1500
cg20938379	PACS1	chr11	0.702588113	+ T2D risk	Body
cg21915904	RAP1GAP2	chr17	0.702758699	+ T2D risk	Body
cg15798703	GRK5	chr10	0.702844966	- T2D risk	Body
cg27533102	ATRN	chr20	0.702967548	- T2D risk	TSS1500
cg23551195	DIP2C	chr10	0.702979376	+ T2D risk	Body
cg24379278	DENND4C	chr9	0.702991157	+ T2D risk	Body
cg03799220	ARPP19	chr15	0.703044159	+ T2D risk	Body
cg13765002	PLAGL1	chr6	0.703046046	+ T2D risk	5'UTR
cg18143488	NDUFB3	chr2	0.703206323	+ T2D risk	TSS200
cg15463044	ST20	chr15	0.703219809	- T2D risk	1stExon
cg15463044	ST20	chr15	0.703219809	- T2D risk	5'UTR
cg15463044	ST20	chr15	0.703219809	- T2D risk	Body
cg21934978	STX6	chr1	0.70330606	+ T2D risk	Body
cg03499905	COL4A1	chr13	0.703429514	- T2D risk	Body
cg14013865	KIAA1217	chr10	0.703539543	+ T2D risk	Body
cg08727071	FLT1	chr13	0.703593093	- T2D risk	Body
cg02246683	NCOA2	chr8	0.7036042	+ T2D risk	5'UTR
cg14363125	CUX1	chr7	0.703622757	- T2D risk	TSS1500
cg04853151	TMEM59	chr1	0.703718499	+ T2D risk	TSS200
cg10743858	SLIT3	chr5	0.703807999	+ T2D risk	Body
cg09396107	EFR3A	chr8	0.70390591	- T2D risk	Body
cg09132619	ATXN1	chr6	0.704210589	+ T2D risk	5'UTR
cg16765394	TAB2	chr6	0.704450968	+ T2D risk	Body
cg02968405	SLIT3	chr5	0.704488349	- T2D risk	Body
cg01625595	DIP2C	chr10	0.7045078	- T2D risk	Body
cg22284828	PTPRU	chr1	0.704527445	- T2D risk	TSS1500
cg05539369	FNIP2	chr4	0.704573466	+ T2D risk	TSS1500
cg04271999	BIRC5	chr17	0.704606021	+ T2D risk	Body
cg11791210	NOL4	chr18	0.704648001	- T2D risk	TSS1500
cg14572634	TOP2A	chr17	0.704751777	- T2D risk	TSS200
cg01233620	CLEC16A	chr16	0.704814997	+ T2D risk	Body
cg02410304	DIP2C	chr10	0.704833993	+ T2D risk	Body
cg27564931	PRKCE	chr2	0.704890495	- T2D risk	Body
cg01563515	ST6GAL1	chr3	0.70489464	- T2D risk	5'UTR
cg23196346	KIAA1217	chr10	0.704905915	+ T2D risk	Body
cg09846146	GRK5	chr10	0.704922213	+ T2D risk	Body
cg06121719	DENND4C	chr9	0.704929839	+ T2D risk	Body
cg09867705	PDLIM5	chr4	0.705156071	+ T2D risk	5'UTR
cg09867705	PDLIM5	chr4	0.705156071	+ T2D risk	Body
cg14402224	DDC	chr7	0.705437935	- T2D risk	Body
cg13646260	SRPK2	chr7	0.705457368	+ T2D risk	Body
cg06546717	TPCN1	chr12	0.70555782	- T2D risk	5'UTR
cg09049209	CUX1	chr7	0.705747082	- T2D risk	Body
cg20482960	CNTNAP2	chr7	0.705779429	+ T2D risk	Body
cg11637968	FNIP2	chr4	0.705779739	- T2D risk	Body
ch.7.2184863F	CUX1	chr7	0.705796884	- T2D risk	Body
cg01100494	SLC30A8	chr8	0.705838104	- T2D risk	5'UTR
cg14602715	CPLX2	chr5	0.705903354	- T2D risk	5'UTR
cg06645081	PDE8A	chr15	0.705926749	- T2D risk	5'UTR
cg06645081	PDE8A	chr15	0.705926749	- T2D risk	Body
cg10468236	CLEC16A	chr16	0.706048994	- T2D risk	Body
cg05016335	LAP3	chr4	0.706149451	- T2D risk	Body
cg03423221	CUL1	chr7	0.706155983	+ T2D risk	Body
cg10099445	JPH2	chr20	0.706200706	- T2D risk	3'UTR
cg09568279	INPP4A	chr2	0.706256215	+ T2D risk	5'UTR
cg13137321	FLT1	chr13	0.706293623	+ T2D risk	Body
cg25803041	ATP8A2	chr13	0.706296148	+ T2D risk	Body
cg10945313	ANK2	chr4	0.706443494	+ T2D risk	1stExon
cg10945313	ANK2	chr4	0.706443494	+ T2D risk	5'UTR
cg22109262	LAP3	chr4	0.706525976	+ T2D risk	TSS200
cg04934643	PACS2	chr14	0.706576485	- T2D risk	Body
cg03699105	PDK1	chr2	0.706635068	+ T2D risk	Body
cg04969688	TJP1	chr15	0.706684839	- T2D risk	TSS200
cg04324126	RTN4	chr2	0.706838502	- T2D risk	TSS1500
cg04324126	RTN4	chr2	0.706838502	- T2D risk	1stExon
cg04324126	RTN4	chr2	0.706838502	- T2D risk	5'UTR
cg24901995	CHID1	chr11	0.706922172	- T2D risk	Body

cg09592903	<i>RTN4</i>	chr2	0.706927005	+ T2D risk	Body
cg20543426	<i>ERC2</i>	chr3	0.707049251	- T2D risk	3'UTR
cg15146813	<i>SLC7A2</i>	chr8	0.707050496	- T2D risk	5'UTR
cg15146813	<i>SLC7A2</i>	chr8	0.707050496	- T2D risk	1stExon
cg12667716	<i>UBE2K</i>	chr4	0.707085024	+ T2D risk	Body
cg26905572	<i>ANK3</i>	chr10	0.707122757	- T2D risk	1stExon
cg26905572	<i>ANK3</i>	chr10	0.707122757	- T2D risk	5'UTR
cg26905572	<i>ANK3</i>	chr10	0.707122757	- T2D risk	Body
cg02655980	<i>GALK2</i>	chr15	0.70715767	- T2D risk	Body
cg02655980	<i>GALK2</i>	chr15	0.70715767	- T2D risk	TSS1500
cg20648463	<i>GLA</i>	chrX	0.707177857	+ T2D risk	1stExon
cg21665242	<i>CPLX2</i>	chr5	0.707279569	+ T2D risk	5'UTR
cg27446600	<i>RGS7</i>	chr1	0.707506804	+ T2D risk	Body
cg17259759	<i>PACS1</i>	chr11	0.707512843	+ T2D risk	Body
cg17731696	<i>PDE7A</i>	chr8	0.70762146	+ T2D risk	Body
cg26959510	<i>WDR47</i>	chr1	0.707642182	- T2D risk	TSS1500
cg27005819	<i>TSGA10</i>	chr2	0.707646118	- T2D risk	5'UTR
cg27027069	<i>MYO6</i>	chr6	0.707661994	+ T2D risk	3'UTR
cg25052941	<i>CNTNAP2</i>	chr7	0.707684632	- T2D risk	Body
cg04146883	<i>PHF21A</i>	chr11	0.707889226	- T2D risk	Body
cg01800843	<i>NPAT</i>	chr11	0.708098862	- T2D risk	Body
cg24202654	<i>GAD1</i>	chr2	0.70812273	- T2D risk	5'UTR
cg10978949	<i>PRKCE</i>	chr2	0.70821167	+ T2D risk	Body
cg00706441	<i>MAST1</i>	chr19	0.708345219	- T2D risk	Body
cg13888710	<i>UBE2K</i>	chr4	0.708456028	- T2D risk	TSS200
cg09398924	<i>WDR48</i>	chr3	0.708483727	- T2D risk	TSS1500
cg23371800	<i>PDE3A</i>	chr12	0.708552023	+ T2D risk	Body
cg02762966	<i>NUP98</i>	chr11	0.708566092	+ T2D risk	Body
cg07993842	<i>PRKCE</i>	chr2	0.708592944	+ T2D risk	Body
cg09403494	<i>PRKAG2</i>	chr7	0.7086322	+ T2D risk	Body
cg06633573	<i>ATXN1</i>	chr6	0.709047503	+ T2D risk	5'UTR
cg00963786	<i>WWP2</i>	chr16	0.709049368	- T2D risk	Body
cg02577999	<i>DNAH9</i>	chr17	0.70912444	+ T2D risk	Body
cg25941682	<i>PDE8A</i>	chr15	0.709395399	- T2D risk	Body
cg01144592	<i>CLEC16A</i>	chr16	0.709446751	+ T2D risk	Body
cg24429310	<i>CNTNAP2</i>	chr7	0.709599925	+ T2D risk	Body
cg05350612	<i>ST6GAL1</i>	chr3	0.709614926	+ T2D risk	5'UTR
cg03416852	<i>PRKCE</i>	chr2	0.709701831	- T2D risk	Body
cg19677927	<i>ZDHHC2</i>	chr8	0.709828204	- T2D risk	Body
cg09073398	<i>SLIT3</i>	chr5	0.709856792	- T2D risk	1stExon
cg09073398	<i>SLIT3</i>	chr5	0.709856792	- T2D risk	5'UTR
cg26504362	<i>ANK3</i>	chr10	0.710058157	- T2D risk	Body
cg26739766	<i>ATRNL1</i>	chr10	0.710097079	+ T2D risk	Body
cg16408583	<i>GALK2</i>	chr15	0.710150721	- T2D risk	5'UTR
cg16408583	<i>GALK2</i>	chr15	0.710150721	- T2D risk	1stExon
cg10272779	<i>RBBP6</i>	chr16	0.710259521	+ T2D risk	Body
cg12081643	<i>COL4A1</i>	chr13	0.710431286	- T2D risk	3'UTR
cg06519442	<i>SLIT3</i>	chr5	0.710438306	+ T2D risk	Body
cg01332206	<i>ST8SIA1</i>	chr12	0.710603474	- T2D risk	3'UTR
cg20701342	<i>ATP8A2</i>	chr13	0.710606062	+ T2D risk	Body
cg03021576	<i>TMEM131</i>	chr2	0.710622929	- T2D risk	Body
cg16474725	<i>CLIC5</i>	chr6	0.710763997	+ T2D risk	Body
cg14394264	<i>PHF21A</i>	chr11	0.710827669	- T2D risk	5'UTR
cg11837965	<i>KDM4B</i>	chr19	0.710938346	+ T2D risk	Body
cg02655912	<i>UXS1</i>	chr2	0.71096808	+ T2D risk	Body
cg05652840	<i>GGPS1</i>	chr1	0.710994923	+ T2D risk	TSS200
cg05652840	<i>GGPS1</i>	chr1	0.710994923	+ T2D risk	TSS1500
cg22685867	<i>RGS7</i>	chr1	0.711162933	- T2D risk	Body
cg26361513	<i>PACS2</i>	chr14	0.711171757	+ T2D risk	Body
cg24002388	<i>DDHD2</i>	chr8	0.711223403	- T2D risk	TSS1500
cg01850278	<i>PPP1R12A</i>	chr12	0.711294488	- T2D risk	Body
cg01850278	<i>PPP1R12A</i>	chr12	0.711294488	- T2D risk	TSS1500
cg07325041	<i>TBC1D5</i>	chr3	0.711395338	- T2D risk	5'UTR
cg07325041	<i>TBC1D5</i>	chr3	0.711395338	- T2D risk	1stExon
cg01897902	<i>ITPKB</i>	chr1	0.711654328	- T2D risk	Body
cg00536472	<i>TSHZ1</i>	chr18	0.711735521	- T2D risk	3'UTR
cg25112002	<i>PACS2</i>	chr14	0.711736974	+ T2D risk	Body
ch.5.2517577F	<i>SPOCK1</i>	chr5	0.711785844	+ T2D risk	Body
cg01850954	<i>CADM1</i>	chr11	0.711912781	+ T2D risk	Body
cg17470327	<i>ROBO2</i>	chr3	0.71226242	- T2D risk	TSS1500

cg14391247	ANK3	chr10	0.712321479	+ T2D risk	1stExon
cg14391247	ANK3	chr10	0.712321479	+ T2D risk	5'UTR
cg08549034	ASXL2	chr2	0.712415689	- T2D risk	TSS1500
cg14090951	ANK3	chr10	0.712507406	- T2D risk	Body
cg09820373	ARID2	chr12	0.7125772	- T2D risk	Body
cg25903851	AGPAT3	chr21	0.71260441	- T2D risk	5'UTR
cg16681278	CADM1	chr11	0.712794262	+ T2D risk	Body
cg01289495	CALD1	chr7	0.712795262	- T2D risk	Body
cg02453591	FARSB	chr2	0.712866929	+ T2D risk	TSS1500
cg18442019	DIP2C	chr10	0.712892185	+ T2D risk	Body
cg05248742	PRKCB	chr16	0.713042802	+ T2D risk	Body
cg27386912	SEMA3G	chr3	0.713212847	+ T2D risk	TSS200
cg18313221	MET	chr7	0.713266263	- T2D risk	TSS1500
cg01899253	FLT1	chr13	0.713439223	+ T2D risk	TSS1500
cg26862981	ZHX2	chr8	0.713667365	+ T2D risk	5'UTR
cg02493260	RTN4	chr2	0.713696839	+ T2D risk	Body
cg02493260	RTN4	chr2	0.713696839	+ T2D risk	5'UTR
cg11264363	CPLX2	chr5	0.71371803	+ T2D risk	5'UTR
cg05889858	TANC2	chr17	0.713739366	+ T2D risk	Body
cg01572505	SPOCK1	chr5	0.713801834	+ T2D risk	Body
cg14264937	ARHGAP32	chr11	0.713894148	+ T2D risk	Body
cg13181974	MEIS2	chr15	0.713914296	+ T2D risk	Body
cg23318157	TMEM150C	chr4	0.713927098	+ T2D risk	5'UTR
cg22997040	ZHX2	chr8	0.713975526	+ T2D risk	5'UTR
cg26627888	MGRN1	chr16	0.713982022	+ T2D risk	Body
cg26627888	MGRN1	chr16	0.713982022	+ T2D risk	3'UTR
cg02051583	SPOCK1	chr5	0.714026594	- T2D risk	Body
cg24226884	CUX2	chr12	0.714089002	+ T2D risk	Body
cg21740631	TENM2	chr5	0.71424654	- T2D risk	Body
cg26245141	AMD1	chr6	0.71447137	- T2D risk	5'UTR
cg15073016	CLEC16A	chr16	0.71447917	- T2D risk	Body
cg23418083	CREBBP	chr16	0.714646023	+ T2D risk	Body
cg00642293	ROBO2	chr3	0.714723332	+ T2D risk	5'UTR
cg00642293	ROBO2	chr3	0.714723332	+ T2D risk	Body
cg08940827	TJP1	chr15	0.71472667	- T2D risk	Body
cg12404799	CUX1	chr7	0.714764112	+ T2D risk	Body
cg13121150	DIP2C	chr10	0.71493507	+ T2D risk	Body
cg04544524	ANK2	chr4	0.715057073	+ T2D risk	Body
cg11605890	TMEM131	chr2	0.715076375	- T2D risk	Body
cg14463790	ATP8A2	chr13	0.715121635	+ T2D risk	Body
cg01123783	CNTNAP2	chr7	0.715304032	- T2D risk	Body
cg08809018	RRAGB	chrX	0.715451095	+ T2D risk	Body
cg06638113	CNTNAP2	chr7	0.715527085	+ T2D risk	Body
cg11819305	MAN1A2	chr1	0.715621387	- T2D risk	1stExon
cg11819305	MAN1A2	chr1	0.715621387	- T2D risk	5'UTR
cg10581503	ATXN1	chr6	0.715666923	+ T2D risk	5'UTR
cg22854804	TTC28	chr22	0.715789943	+ T2D risk	Body
cg14628993	SH3GL2	chr9	0.715804787	+ T2D risk	Body
cg18603396	CADM1	chr11	0.715897718	- T2D risk	TSS200
cg08475042	UNC80	chr2	0.715997321	- T2D risk	Body
cg11387591	PTPRU	chr1	0.716045648	- T2D risk	Body
cg08781532	NGF	chr1	0.716063823	- T2D risk	1stExon
cg08781532	NGF	chr1	0.716063823	- T2D risk	5'UTR
cg13040192	PFKFB2	chr1	0.716127071	+ T2D risk	Body
cg13040192	PFKFB2	chr1	0.716127071	+ T2D risk	3'UTR
cg19617701	BCAT1	chr12	0.716136214	+ T2D risk	Body
cg08307430	ARL8B	chr3	0.716155232	+ T2D risk	TSS200
cg17984935	FLT1	chr13	0.71631428	+ T2D risk	Body
cg05793701	TBC1D5	chr3	0.716735393	+ T2D risk	5'UTR
cg02658690	COL4A1	chr13	0.716890634	- T2D risk	Body
cg23367478	PDE3A	chr12	0.7169396	+ T2D risk	TSS1500
cg19457719	WWP2	chr16	0.717003988	- T2D risk	Body
cg18565893	LAMA4	chr6	0.71709782	- T2D risk	Body
cg03032816	CALD1	chr7	0.717197434	+ T2D risk	Body
cg11131810	PHACTR1	chr6	0.717396771	- T2D risk	Body
cg23828212	MAN1A2	chr1	0.717486225	- T2D risk	1stExon
cg23828212	MAN1A2	chr1	0.717486225	- T2D risk	5'UTR
cg03297042	KREMEN1	chr22	0.717733298	- T2D risk	TSS1500
cg13199822	ATP6V1A	chr3	0.717792454	- T2D risk	5'UTR
cg18422853	TJP1	chr15	0.717801103	- T2D risk	Body

cg06990571	EFR3A	chr8	0.718005691	- T2D risk	Body
cg03297029	GRK5	chr10	0.718028936	- T2D risk	Body
cg22927365	PRKD1	chr14	0.718285264	- T2D risk	Body
cg24398023	RHOA	chr3	0.718291499	+ T2D risk	1stExon
cg24398023	RHOA	chr3	0.718291499	+ T2D risk	5'UTR
cg26193484	ST6GAL1	chr3	0.718316863	- T2D risk	TSS1500
cg10835547	ANKHD1	chr5	0.718457738	- T2D risk	TSS200
cg04179672	KCNJ18	chr17	0.718616041	+ T2D risk	TSS200
cg04179672	KCNJ12	chr17	0.718616041	+ T2D risk	5'UTR
cg03288942	TENM2	chr5	0.718647565	+ T2D risk	Body
cg07402003	TOX3	chr16	0.718677481	+ T2D risk	Body
cg26960562	DNAH9	chr17	0.718783413	+ T2D risk	TSS200
cg02930556	SRPK2	chr7	0.71894264	+ T2D risk	Body
cg14283783	FLT1	chr13	0.718950443	+ T2D risk	TSS1500
cg22244815	PDLIM5	chr4	0.7190683	- T2D risk	5'UTR
cg22244815	PDLIM5	chr4	0.7190683	- T2D risk	Body
cg17469471	UXS1	chr2	0.71909113	+ T2D risk	Body
cg04330057	ATXN1	chr6	0.719131367	- T2D risk	3'UTR
cg08945980	CNTNAP2	chr7	0.719270813	+ T2D risk	Body
cg06085672	DDC	chr7	0.71928078	+ T2D risk	Body
cg13765368	KCNJ12	chr17	0.719302418	+ T2D risk	5'UTR
cg23376470	NF1	chr17	0.719315176	- T2D risk	Body
cg10362426	TMEM59	chr1	0.719468489	+ T2D risk	1stExon
cg26573334	TPCN1	chr12	0.719501687	+ T2D risk	Body
cg06861892	RET	chr10	0.7195372	+ T2D risk	Body
cg07237626	SVIP	chr11	0.719660712	+ T2D risk	1stExon
cg27238079	ITGB1	chr10	0.719708461	- T2D risk	TSS1500
cg27238079	ITGB1	chr10	0.719708461	- T2D risk	5'UTR
cg27238079	ITGB1	chr10	0.719708461	- T2D risk	1stExon
cg10363569	PRKAG2	chr7	0.71974445	+ T2D risk	Body
cg23196741	DNAJC1	chr10	0.719905472	+ T2D risk	Body
cg11625950	PHF21A	chr11	0.719976447	- T2D risk	5'UTR
cg08388746	TMEM59	chr1	0.720058435	- T2D risk	Body
cg22724329	ANK3	chr10	0.720273359	- T2D risk	Body
cg21320095	KDM4B	chr19	0.720290894	- T2D risk	5'UTR
cg15882726	ANK2	chr4	0.720476518	- T2D risk	Body
cg09500171	ATP8A1	chr4	0.720527884	- T2D risk	Body
cg02905063	CALD1	chr7	0.72061769	+ T2D risk	Body
cg17814717	PRKAG2	chr7	0.720663974	+ T2D risk	TSS200
cg17814717	PRKAG2	chr7	0.720663974	+ T2D risk	Body
cg05120716	PRKCB	chr16	0.720670677	+ T2D risk	Body
cg05585149	DIP2C	chr10	0.720833811	+ T2D risk	Body
cg21204922	SLIT3	chr5	0.720867188	- T2D risk	Body
cg15448554	ST20	chr15	0.721092663	- T2D risk	5'UTR
cg15448554	ST20	chr15	0.721092663	- T2D risk	Body
cg05550612	GLG1	chr16	0.721229785	+ T2D risk	TSS1500
cg17850518	MEIS2	chr15	0.721235187	+ T2D risk	5'UTR
cg17850518	MEIS2	chr15	0.721235187	+ T2D risk	1stExon
cg17850518	MEIS2	chr15	0.721235187	+ T2D risk	TSS1500
cg20643687	MTHFS	chr15	0.721373308	+ T2D risk	TSS1500
cg20643687	MTHFS	chr15	0.721373308	+ T2D risk	TSS200
cg08717401	KIAA1217	chr10	0.721456818	+ T2D risk	5'UTR
cg22636697	CDH22	chr20	0.721619092	+ T2D risk	Body
cg01215773	KIAA1217	chr10	0.721673711	- T2D risk	Body
cg22477036	DENND4C	chr9	0.721715702	- T2D risk	Body
cg02871846	ACTN4	chr19	0.721780337	+ T2D risk	Body
cg20034100	RNF217	chr6	0.721887709	- T2D risk	TSS200
cg10171988	PDE5A	chr4	0.722299863	+ T2D risk	TSS1500
cg23790980	CEP126	chr11	0.722303607	- T2D risk	Body
cg09020665	SLC7A2	chr8	0.722307856	+ T2D risk	5'UTR
cg16105531	FLT1	chr13	0.722317387	- T2D risk	Body
cg00509923	DNAH9	chr17	0.722337346	- T2D risk	Body
cg22170368	TBC1D5	chr3	0.722378142	+ T2D risk	5'UTR
cg16935707	CADM1	chr11	0.722421356	- T2D risk	Body
cg07457820	ROBO2	chr3	0.722593361	+ T2D risk	Body
cg03891302	PHACTR1	chr6	0.722650134	+ T2D risk	Body
cg04160553	TTC28	chr22	0.722704161	- T2D risk	Body
cg05071974	EIF4EBP3	chr5	0.722895893	- T2D risk	TSS200
cg08189119	ATP6V1H	chr8	0.72294913	- T2D risk	Body
cg02689107	APC	chr5	0.722966336	- T2D risk	Body

cg26056139	ATP8A2	chr13	0.722983663	- T2D risk	Body
cg06053291	WWP2	chr16	0.723082176	- T2D risk	Body
cg20724032	ULK4	chr3	0.723205245	- T2D risk	Body
cg08506924	CREBBP	chr16	0.723256961	- T2D risk	TSS1500
cg25466784	ATXN1	chr6	0.723281321	- T2D risk	5'UTR
cg08191490	LAMA4	chr6	0.723435624	- T2D risk	Body
cg09418771	ANK3	chr10	0.723449823	- T2D risk	Body
cg25787300	CUX1	chr7	0.723491356	+ T2D risk	Body
cg10895426	TOX3	chr16	0.723510157	- T2D risk	5'UTR
cg10895426	TOX3	chr16	0.723510157	- T2D risk	TSS200
cg05488984	ITPKB	chr1	0.723542221	+ T2D risk	Body
cg10451566	DLL4	chr15	0.723565035	+ T2D risk	Body
cg24954977	PDE8A	chr15	0.723656323	+ T2D risk	Body
cg22988851	ULK4	chr3	0.723683521	- T2D risk	Body
cg12710176	PFKFB2	chr1	0.723798734	- T2D risk	TSS200
cg03529680	UNC80	chr2	0.723919847	- T2D risk	Body
cg13033587	RBBP6	chr16	0.72401151	+ T2D risk	5'UTR
cg13033587	RBBP6	chr16	0.72401151	+ T2D risk	1stExon
cg21066599	FNIP2	chr4	0.724041203	+ T2D risk	Body
cg02988798	JPH2	chr20	0.72420035	+ T2D risk	Body
cg20336341	DDC	chr7	0.724218585	+ T2D risk	5'UTR
cg20336341	DDC	chr7	0.724218585	+ T2D risk	TSS200
cg14201389	RSF1	chr11	0.724225936	- T2D risk	Body
cg25038330	DIP2C	chr10	0.724231354	- T2D risk	Body
cg07470526	RRAGB	chrX	0.724240331	+ T2D risk	3'UTR
cg00035453	ARID2	chr12	0.724306044	+ T2D risk	TSS1500
cg14565408	CUX2	chr12	0.724504004	+ T2D risk	Body
cg22002084	ANK2	chr4	0.72458289	- T2D risk	Body
cg08961450	PDE7A	chr8	0.724614323	- T2D risk	Body
cg15744049	DIP2C	chr10	0.724691874	- T2D risk	TSS1500
cg01234984	CUX1	chr7	0.724720135	- T2D risk	Body
cg25194415	KIAA0232	chr4	0.724734269	+ T2D risk	TSS1500
cg26242818	RAP1B	chr12	0.724886557	- T2D risk	3'UTR
cg04219480	CHID1	chr11	0.724889908	+ T2D risk	5'UTR
cg21863172	PDE8A	chr15	0.724982594	+ T2D risk	5'UTR
cg21863172	PDE8A	chr15	0.724982594	+ T2D risk	Body
cg13540860	DIP2C	chr10	0.725009313	+ T2D risk	Body
cg16073611	DNAJC1	chr10	0.725097237	+ T2D risk	Body
cg14039432	CPLX2	chr5	0.725169683	+ T2D risk	TSS1500
cg14039432	CPLX2	chr5	0.725169683	+ T2D risk	5'UTR
cg02016150	GGPS1	chr1	0.725349676	- T2D risk	TSS1500
cg05340241	PRKCE	chr2	0.725353553	- T2D risk	Body
cg11820833	PLEKHG3	chr14	0.725362796	- T2D risk	5'UTR
cg26926387	CUX2	chr12	0.725377168	+ T2D risk	Body
cg20342079	BCAT1	chr12	0.725446022	+ T2D risk	Body
cg00887295	FLT1	chr13	0.725484441	+ T2D risk	Body
cg22218042	CDH22	chr20	0.725730008	- T2D risk	5'UTR
cg15626913	KIAA1217	chr10	0.725883026	- T2D risk	TSS200
cg15626913	KIAA1217	chr10	0.725883026	- T2D risk	5'UTR
cg15626913	KIAA1217	chr10	0.725883026	- T2D risk	Body
cg07135835	CUX2	chr12	0.726044597	- T2D risk	Body
cg19298990	CLOCK	chr4	0.726092133	- T2D risk	TSS1500
cg17619804	PHACTR1	chr6	0.726241692	- T2D risk	TSS1500
cg15490801	PRKD1	chr14	0.726480487	+ T2D risk	Body
cg21913301	PDE3A	chr12	0.726533201	- T2D risk	Body
cg00857222	ULK4	chr3	0.726662591	+ T2D risk	Body
cg06817207	WDR47	chr1	0.726869084	+ T2D risk	TSS1500
cg24164865	CUX1	chr7	0.72688496	+ T2D risk	Body
cg19781053	TJP1	chr15	0.727153628	+ T2D risk	TSS1500
cg09097748	ANK3	chr10	0.727216903	+ T2D risk	Body
cg13139848	TANC2	chr17	0.727237051	+ T2D risk	Body
cg23869439	ZDHHC2	chr8	0.727360474	+ T2D risk	Body
cg00408725	PDE7A	chr8	0.727442692	+ T2D risk	Body
cg16087412	KCNJ12	chr17	0.727442855	+ T2D risk	5'UTR
cg26981929	KIAA1217	chr10	0.727540717	- T2D risk	5'UTR
cg09727784	EVI5	chr1	0.727870295	+ T2D risk	Body
cg01663016	SLIT3	chr5	0.72787848	- T2D risk	1stExon
cg01663016	SLIT3	chr5	0.72787848	- T2D risk	5'UTR
cg19499496	ERC2	chr3	0.727979178	- T2D risk	Body
cg13399697	PTPRU	chr1	0.728045246	- T2D risk	Body

cg11522042	NCOA2	chr8	0.728088101	+ T2D risk	Body
cg13150344	CHKA	chr11	0.728304094	+ T2D risk	TSS1500
cg22096413	TMEM131	chr2	0.728311401	+ T2D risk	Body
cg07421429	ENAH	chr1	0.72834925	+ T2D risk	Body
cg00674848	CREBBP	chr16	0.728449033	- T2D risk	Body
cg15195990	ANKHD1	chr5	0.728496026	+ T2D risk	Body
cg08298491	KIAA1217	chr10	0.728572952	- T2D risk	Body
cg01951815	HMBOX1	chr8	0.728599909	- T2D risk	Body
cg17300411	GRK5	chr10	0.728638601	+ T2D risk	Body
cg01508843	SLIT3	chr5	0.728773281	- T2D risk	Body
cg00236302	RAP1B	chr12	0.728818787	- T2D risk	5'UTR
cg23724135	TAB2	chr6	0.728905241	- T2D risk	5'UTR
cg23724135	TAB2	chr6	0.728905241	- T2D risk	Body
cg20816122	TMEM131	chr2	0.728991997	- T2D risk	Body
cg18634690	GNA12	chr7	0.729091652	+ T2D risk	Body
cg12227337	DDC	chr7	0.729152406	+ T2D risk	Body
cg04995108	ATXN1	chr6	0.729289914	+ T2D risk	5'UTR
cg26752591	RAP1GAP2	chr17	0.729334509	- T2D risk	Body
cg14898366	KDM4B	chr19	0.729344251	+ T2D risk	Body
cg25117444	ATXN1	chr6	0.729520984	+ T2D risk	3'UTR
cg01573693	CLASP2	chr3	0.729551051	- T2D risk	Body
cg13900431	ANK2	chr4	0.729725038	- T2D risk	Body
cg11081275	DIP2C	chr10	0.729822307	- T2D risk	Body
cg14506029	CRYL1	chr13	0.729842351	- T2D risk	Body
cg18035136	PHACTR1	chr6	0.729907122	+ T2D risk	1stExon
cg18035136	PHACTR1	chr6	0.729907122	+ T2D risk	5'UTR
cg24820593	PRKCE	chr2	0.72996895	- T2D risk	Body
cg13756607	TSGA10	chr2	0.73013278	+ T2D risk	TSS1500
cg01182697	TMEM59	chr1	0.730180206	+ T2D risk	TSS1500
cg01405879	DIP2C	chr10	0.730250314	- T2D risk	Body
cg03707604	CNTNAP2	chr7	0.73030035	+ T2D risk	Body
cg02825052	PICALM	chr11	0.730358154	+ T2D risk	Body
cg00426903	INPP4A	chr2	0.730412542	- T2D risk	5'UTR
cg20230369	CLIC5	chr6	0.730462262	- T2D risk	3'UTR
cg20230369	CLIC5	chr6	0.730462262	- T2D risk	Body
cg03905224	CUX1	chr7	0.730660435	+ T2D risk	Body
cg13758290	ZHX2	chr8	0.730708336	+ T2D risk	5'UTR
cg15759452	AGPAT3	chr21	0.730904792	+ T2D risk	3'UTR
cg16805715	STX6	chr1	0.730914896	- T2D risk	Body
cg21467684	GRK5	chr10	0.730927733	+ T2D risk	Body
cg16431722	SCAF8	chr6	0.730928808	- T2D risk	Body
cg20324262	MAST1	chr19	0.731012884	- T2D risk	Body
cg13066846	PRKAG2	chr7	0.731035129	- T2D risk	5'UTR
cg13066846	PRKAG2	chr7	0.731035129	- T2D risk	Body
cg13889541	CHFR	chr12	0.73105681	+ T2D risk	Body
cg06023941	ARL15	chr5	0.731068856	- T2D risk	Body
cg16385724	TENM2	chr5	0.731081979	- T2D risk	Body
cg05029189	ADCY5	chr3	0.731139979	+ T2D risk	TSS1500
cg00237565	NGLY1	chr3	0.731182634	+ T2D risk	1stExon
cg00237565	NGLY1	chr3	0.731182634	+ T2D risk	Body
cg20025033	TBC1D5	chr3	0.731196582	- T2D risk	Body
cg07734991	PACS1	chr11	0.731239014	+ T2D risk	Body
cg19881234	TSC22D1	chr13	0.731243534	- T2D risk	1stExon
cg19881234	TSC22D1	chr13	0.731243534	- T2D risk	5'UTR
cg19881234	TSC22D1	chr13	0.731243534	- T2D risk	Body
cg06301099	APBA1	chr9	0.731389499	- T2D risk	Body
cg11126697	TJP1	chr15	0.731390323	- T2D risk	Body
cg04296187	COL4A1	chr13	0.731490501	+ T2D risk	Body
cg16905413	PRKCB	chr16	0.731490931	+ T2D risk	Body
cg04380332	SRPK2	chr7	0.731516205	+ T2D risk	Body
cg01963870	CREBBP	chr16	0.731526433	- T2D risk	Body
cg21266189	SNX4	chr3	0.731547065	- T2D risk	Body
cg04496254	CUX2	chr12	0.731684675	- T2D risk	Body
cg04929428	ARID2	chr12	0.731730556	- T2D risk	Body
cg16676373	PLEKHG3	chr14	0.731775566	+ T2D risk	5'UTR
cg16106561	NCOA2	chr8	0.732097856	+ T2D risk	5'UTR
cg14784784	FAM155B	chrX	0.732129348	+ T2D risk	Body
cg15704521	GNA12	chr7	0.732181095	- T2D risk	Body
cg27219574	CHFR	chr12	0.732334458	- T2D risk	Body
cg00224929	GAD1	chr2	0.732389355	- T2D risk	Body

cg17238473	<i>TMEM131</i>	chr2	0.732408655	+ T2D risk	Body
cg07337602	<i>ST6GAL1</i>	chr3	0.732484924	+ T2D risk	5'UTR
cg07430608	<i>MDM1</i>	chr12	0.732523613	+ T2D risk	Body
cg19900074	<i>CMTR1</i>	chr6	0.732528369	+ T2D risk	5'UTR
cg00388248	<i>KCNJ18</i>	chr17	0.732558487	- T2D risk	TSS200
cg00388248	<i>KCNJ12</i>	chr17	0.732558487	- T2D risk	5'UTR
cg15715690	<i>LMCD1</i>	chr3	0.732663648	- T2D risk	5'UTR
cg15715690	<i>LMCD1</i>	chr3	0.732663648	- T2D risk	Body
cg25647665	<i>DIP2C</i>	chr10	0.732755439	+ T2D risk	Body
cg17535647	<i>PDE3A</i>	chr12	0.732783249	- T2D risk	TSS1500
cg18712103	<i>ANK3</i>	chr10	0.732938673	- T2D risk	Body
cg16566279	<i>CUX1</i>	chr7	0.732968356	+ T2D risk	Body
cg07146799	<i>MEIS2</i>	chr15	0.733082615	+ T2D risk	Body
cg09401384	<i>ANK2</i>	chr4	0.733135557	- T2D risk	Body
cg02989671	<i>ST8SIA1</i>	chr12	0.733189717	- T2D risk	TSS1500
cg07638450	<i>CUX1</i>	chr7	0.733245658	+ T2D risk	Body
cg01071289	<i>PACRG</i>	chr6	0.733387402	+ T2D risk	Body
cg05652102	<i>RET</i>	chr10	0.733459671	+ T2D risk	Body
cg25888160	<i>PHF21A</i>	chr11	0.733582212	+ T2D risk	Body
cg27024488	<i>RHOA</i>	chr3	0.733584199	- T2D risk	5'UTR
cg05246057	<i>USP29</i>	chr19	0.7337377	- T2D risk	TSS200
cg16741323	<i>COL4A1</i>	chr13	0.733755034	- T2D risk	Body
cg06669892	<i>PHACTR1</i>	chr6	0.733827466	- T2D risk	Body
cg20884522	<i>GNA12</i>	chr7	0.733881026	+ T2D risk	Body
cg20884522	<i>GNA12</i>	chr7	0.733881026	+ T2D risk	TSS200
cg12451671	<i>ATXN1</i>	chr6	0.733979597	- T2D risk	3'UTR
cg08877580	<i>PDE7A</i>	chr8	0.734029265	- T2D risk	Body
cg00217553	<i>ARL8B</i>	chr3	0.734059745	- T2D risk	Body
cg03045425	<i>NOL4</i>	chr18	0.734196538	- T2D risk	TSS200
cg00055595	<i>GAD1</i>	chr2	0.734263919	+ T2D risk	5'UTR
cg08935301	<i>LMCD1</i>	chr3	0.734326322	+ T2D risk	Body
cg08712336	<i>SLIT3</i>	chr5	0.734330615	- T2D risk	Body
cg09831558	<i>SCAF8</i>	chr6	0.734374627	- T2D risk	Body
cg05678725	<i>AGPAT3</i>	chr21	0.734434091	+ T2D risk	5'UTR
cg00253204	<i>NCOR1</i>	chr17	0.734472201	- T2D risk	5'UTR
cg00253204	<i>NCOR1</i>	chr17	0.734472201	- T2D risk	1stExon
cg21463945	<i>JPH2</i>	chr20	0.734508194	+ T2D risk	Body
cg20301306	<i>DYNC1I2</i>	chr2	0.734622341	+ T2D risk	5'UTR
cg20301306	<i>DYNC1I2</i>	chr2	0.734622341	+ T2D risk	TSS200
cg20301306	<i>DYNC1I2</i>	chr2	0.734622341	+ T2D risk	1stExon
cg08935434	<i>CLOCK</i>	chr4	0.734679644	+ T2D risk	Body
cg19512783	<i>PACS2</i>	chr14	0.734957756	+ T2D risk	Body
cg13404054	<i>NOTCH3</i>	chr19	0.735157195	- T2D risk	1stExon
cg06274699	<i>KANTR</i>	chrX	0.735159853	+ T2D risk	Body
cg00245454	<i>FNIP2</i>	chr4	0.735171778	- T2D risk	Body
cg00155788	<i>SLIT3</i>	chr5	0.735246049	- T2D risk	Body
cg07092805	<i>CRYL1</i>	chr13	0.73525448	+ T2D risk	Body
cg16807961	<i>RAP1GAP2</i>	chr17	0.735273439	+ T2D risk	1stExon
cg04168708	<i>TBC1D5</i>	chr3	0.735285192	- T2D risk	Body
cg20863800	<i>CUX1</i>	chr7	0.735335611	- T2D risk	Body
cg03928900	<i>ERC2</i>	chr3	0.735338849	+ T2D risk	3'UTR
cg19026125	<i>DIP2C</i>	chr10	0.735383559	+ T2D risk	Body
cg17651653	<i>PRKD1</i>	chr14	0.735408853	- T2D risk	Body
cg19551848	<i>CNTNAP2</i>	chr7	0.73561558	- T2D risk	Body
cg23796040	<i>EFR3A</i>	chr8	0.735705108	- T2D risk	Body
cg05453071	<i>PDE5A</i>	chr4	0.735866483	+ T2D risk	Body
cg09403042	<i>ENAH</i>	chr1	0.735879119	+ T2D risk	Body
cg01316816	<i>RTN4</i>	chr2	0.735914514	+ T2D risk	TSS200
cg01316816	<i>RTN4</i>	chr2	0.735914514	+ T2D risk	Body
cg00279530	<i>SPOCK1</i>	chr5	0.735957541	+ T2D risk	Body
cg21756465	<i>DYNC1I2</i>	chr2	0.735963225	+ T2D risk	TSS200
cg20611411	<i>RAP1GAP2</i>	chr17	0.735977748	- T2D risk	Body
cg01955828	<i>ARPP19</i>	chr15	0.736051794	+ T2D risk	Body
cg06241765	<i>HMBOX1</i>	chr8	0.736058582	- T2D risk	5'UTR
cg06241765	<i>HMBOX1</i>	chr8	0.736058582	- T2D risk	1stExon
cg04785555	<i>FNIP2</i>	chr4	0.736277075	- T2D risk	Body
cg04980712	<i>ROBO2</i>	chr3	0.736382279	- T2D risk	Body
cg23987876	<i>PTPRU</i>	chr1	0.736406292	- T2D risk	TSS1500
cg03092390	<i>ZDHHC2</i>	chr8	0.73660331	- T2D risk	Body
cg00343217	<i>ARIH1</i>	chr15	0.736622279	- T2D risk	1stExon

cg20522673	ATP8A1	chr4	0.736627091	- T2D risk	Body
cg12933116	ZHX2	chr8	0.736665323	+ T2D risk	5'UTR
cg03711622	HNRNPA2B1	chr7	0.736691248	- T2D risk	TSS1500
cg19806031	MEIS2	chr15	0.73674079	- T2D risk	Body
cg05225889	DIP2C	chr10	0.736742129	+ T2D risk	Body
cg04538404	FBXO11	chr2	0.736768992	- T2D risk	TSS1500
cg04538404	FBXO11	chr2	0.736768992	- T2D risk	Body
cg09105802	LAMA4	chr6	0.73688576	+ T2D risk	Body
cg00241745	DIP2C	chr10	0.737031557	- T2D risk	Body
cg06537115	TENM2	chr5	0.737131189	- T2D risk	Body
cg09544338	NOTCH3	chr19	0.737202869	- T2D risk	TSS1500
cg25588559	FAM155B	chrX	0.73731616	- T2D risk	3'UTR
cg05407582	PDE8A	chr15	0.737353386	+ T2D risk	Body
cg23975144	COX6A1	chr12	0.737391306	+ T2D risk	TSS200
cg08627391	TSC22D1	chr13	0.737536517	- T2D risk	Body
cg08627391	TSC22D1	chr13	0.737536517	- T2D risk	TSS1500
cg08627391	TSC22D1	chr13	0.737536517	- T2D risk	5'UTR
cg08627391	TSC22D1	chr13	0.737536517	- T2D risk	1stExon
cg02024077	CNTNAP2	chr7	0.737640131	- T2D risk	TSS1500
cg13392088	PRKAG2	chr7	0.737650448	- T2D risk	Body
cg14830530	MDM1	chr12	0.738071282	- T2D risk	Body
cg02250357	WWP2	chr16	0.738215222	+ T2D risk	TSS1500
cg02813721	HMBOX1	chr8	0.738311645	- T2D risk	Body
cg09255851	RBBP6	chr16	0.738367107	+ T2D risk	Body
cg15769735	PRKAG2	chr7	0.73847002	+ T2D risk	TSS1500
cg15769735	PRKAG2	chr7	0.73847002	+ T2D risk	Body
cg18816129	MEIS2	chr15	0.738496889	+ T2D risk	Body
cg12149996	DIP2C	chr10	0.73853842	+ T2D risk	Body
cg22323494	SGSM2	chr17	0.738602374	+ T2D risk	Body
cg05131191	NUP98	chr11	0.738790315	+ T2D risk	Body
cg19455763	ITGA1	chr5	0.738800337	+ T2D risk	Body
cg07328688	ANK2	chr4	0.738806125	+ T2D risk	3'UTR
cg04113087	ATP8A2	chr13	0.739039396	- T2D risk	Body
cg15085377	ERC2	chr3	0.739044622	+ T2D risk	3'UTR
cg00758259	CADM1	chr11	0.739055537	- T2D risk	Body
cg03958364	PRKCE	chr2	0.739084419	- T2D risk	Body
cg09174233	SH3GL2	chr9	0.73924839	- T2D risk	TSS200
cg16528305	DIP2C	chr10	0.739311346	+ T2D risk	Body
cg14355899	LMX1B	chr9	0.739378127	+ T2D risk	TSS1500
cg12416053	ROBO2	chr3	0.739493266	- T2D risk	Body
cg14415390	MMS19	chr10	0.739657609	- T2D risk	5'UTR
cg14415390	MMS19	chr10	0.739657609	- T2D risk	Body
cg06150821	GNA12	chr7	0.739900391	+ T2D risk	Body
cg06150821	GNA12	chr7	0.739900391	+ T2D risk	TSS200
cg14332665	DNAJC13	chr3	0.739930891	- T2D risk	Body
cg15030662	DIP2C	chr10	0.740002612	- T2D risk	Body
cg26708235	ATP8A2	chr13	0.740224802	+ T2D risk	1stExon
cg26835568	PACRG	chr6	0.740276307	- T2D risk	Body
cg11987816	GNA12	chr7	0.740279137	- T2D risk	Body
cg11987816	GNA12	chr7	0.740279137	- T2D risk	TSS1500
cg02295389	ASXL2	chr2	0.74042729	- T2D risk	Body
cg26202427	ANK3	chr10	0.740442357	+ T2D risk	Body
cg13342684	MEIS2	chr15	0.740447584	+ T2D risk	Body
cg18247897	DIP2C	chr10	0.7405821	+ T2D risk	Body
cg23718195	KCNJ12	chr17	0.740636637	+ T2D risk	5'UTR
cg13550355	FNIP2	chr4	0.740640529	- T2D risk	Body
cg14253924	GNA12	chr7	0.740657752	- T2D risk	Body
cg04614208	PACRG	chr6	0.740661752	+ T2D risk	Body
cg24590902	AMD1	chr6	0.740676761	- T2D risk	5'UTR
cg24397554	CHKA	chr11	0.740712983	+ T2D risk	Body
cg01922891	MGRN1	chr16	0.74076938	+ T2D risk	Body
cg06938406	COX6A1	chr12	0.740801815	+ T2D risk	TSS1500
cg17229533	PLEKHG3	chr14	0.740827425	- T2D risk	Body
cg12214787	MET	chr7	0.740998786	- T2D risk	Body
cg14723977	WIZ	chr19	0.741023737	+ T2D risk	3'UTR
cg26683809	AGPAT3	chr21	0.741146352	- T2D risk	5'UTR
cg09592430	CNTNAP2	chr7	0.74122239	- T2D risk	Body
cg01372465	LAMA4	chr6	0.741329576	- T2D risk	Body
cg00671489	CDH22	chr20	0.741397101	- T2D risk	Body
cg00758412	RAP1B	chr12	0.74143893	+ T2D risk	5'UTR

cg03330372	PRKAG2	chr7	0.741472189	- T2D risk	Body
cg26831947	ROBO2	chr3	0.741527458	- T2D risk	5'UTR
cg26831947	ROBO2	chr3	0.741527458	- T2D risk	Body
cg24166966	FBXL2	chr3	0.741570939	- T2D risk	Body
cg18087491	PACRG	chr6	0.741572061	- T2D risk	Body
cg09847994	CLOCK	chr4	0.741667021	- T2D risk	5'UTR
cg19519593	PDE7A	chr8	0.741674203	- T2D risk	Body
cg25976932	ADCY5	chr3	0.741783687	- T2D risk	Body
cg10995070	FLT1	chr13	0.741808203	- T2D risk	Body
cg23717186	ITPKB	chr1	0.741812731	+ T2D risk	Body
cg08330825	GGPS1	chr1	0.742169048	+ T2D risk	TSS1500
cg12188016	SH3GL2	chr9	0.742183415	- T2D risk	Body
cg21584266	CMTR1	chr6	0.742267705	+ T2D risk	Body
cg07153180	DNAH9	chr17	0.742289144	+ T2D risk	Body
cg22918695	ZHX2	chr8	0.742329447	+ T2D risk	5'UTR
cg13011390	MGRN1	chr16	0.742373262	+ T2D risk	TSS1500
cg10537277	PDE8A	chr15	0.742382112	+ T2D risk	Body
cg16168788	DYNC1I2	chr2	0.742472579	- T2D risk	5'UTR
cg16168788	DYNC1I2	chr2	0.742472579	- T2D risk	TSS200
cg14760128	EVI5	chr1	0.742549728	- T2D risk	Body
cg13008977	SLIT3	chr5	0.742587823	- T2D risk	Body
cg05747803	DIP2C	chr10	0.742679079	- T2D risk	Body
cg08141495	NOLA	chr18	0.742684178	- T2D risk	Body
cg18643902	CHKA	chr11	0.742691298	- T2D risk	TSS200
cg16619352	CUX2	chr12	0.742727848	- T2D risk	Body
cg25944416	ARL8B	chr3	0.742749201	- T2D risk	TSS1500
cg05300054	PRKAG2	chr7	0.742751196	- T2D risk	Body
cg03577157	SSBP2	chr5	0.742819898	- T2D risk	3'UTR
cg08345012	ERC2	chr3	0.743065081	+ T2D risk	3'UTR
cg02350414	CUX2	chr12	0.743114406	+ T2D risk	Body
cg03963853	MGRN1	chr16	0.74316031	+ T2D risk	Body
cg15183359	CRYL1	chr13	0.743315697	- T2D risk	3'UTR
cg08678311	PHACTR1	chr6	0.743487349	- T2D risk	Body
cg09837559	DNAJC13	chr3	0.743542358	+ T2D risk	Body
cg04458562	ZHX2	chr8	0.743702281	+ T2D risk	5'UTR
cg05780479	KIAA1217	chr10	0.743799451	- T2D risk	Body
cg23591039	ENAH	chr1	0.743891482	- T2D risk	Body
cg17814365	SGSM2	chr17	0.743954345	- T2D risk	Body
cg12164713	MAST1	chr19	0.743996614	- T2D risk	Body
cg09763393	ATP8A2	chr13	0.744047082	- T2D risk	TSS1500
cg24040983	KIAA0355	chr19	0.744134501	- T2D risk	5'UTR
cg19653382	FARSB	chr2	0.744137371	- T2D risk	Body
cg19653382	FARSB	chr2	0.744137371	- T2D risk	ExonBnd
cg24557547	PDE7A	chr8	0.744159347	+ T2D risk	Body
cg21374208	DNAJC1	chr10	0.74419267	- T2D risk	TSS1500
cg14817975	ARID2	chr12	0.744227634	- T2D risk	TSS1500
cg15932065	CNTNAP2	chr7	0.744238705	+ T2D risk	Body
cg24047390	CNTNAP2	chr7	0.744275523	+ T2D risk	Body
cg18714469	MTHFS	chr15	0.744292002	+ T2D risk	Body
cg23998942	CNTNAP2	chr7	0.744311239	+ T2D risk	Body
cg06228648	ATP8A2	chr13	0.744387223	- T2D risk	Body
cg17362052	DKK2	chr4	0.744672303	+ T2D risk	Body
cg25730315	PTP4A2	chr1	0.744803504	+ T2D risk	Body
cg00916915	PHF21A	chr11	0.744811645	+ T2D risk	Body
cg05773442	CHID1	chr11	0.744865483	+ T2D risk	5'UTR
cg09653905	MMS19	chr10	0.744877122	- T2D risk	Body
cg27598761	DIP2C	chr10	0.745022217	+ T2D risk	Body
cg02871615	ANK3	chr10	0.745053454	- T2D risk	Body
cg27266176	PLEKHG3	chr14	0.745093287	- T2D risk	TSS1500
cg18836486	KDM4B	chr19	0.745503913	- T2D risk	Body
cg10631527	CDK8	chr13	0.745510316	+ T2D risk	3'UTR
cg05752892	SUB1	chr5	0.745601268	- T2D risk	TSS200
cg25212699	CNTROB	chr17	0.745751869	- T2D risk	Body
cg06833732	CPLX2	chr5	0.745912439	+ T2D risk	5'UTR
cg23885934	TBC1D5	chr3	0.745920408	- T2D risk	5'UTR
cg14862395	CDH22	chr20	0.74629507	- T2D risk	1stExon
cg13252135	TAZ	chrX	0.746308636	+ T2D risk	Body
cg08194293	NCOA2	chr8	0.746322096	+ T2D risk	5'UTR
cg21606202	PCYT1A	chr3	0.746348029	+ T2D risk	Body
cg25645732	CNTNAP2	chr7	0.746725865	+ T2D risk	TSS1500

cg27616595	CNTNAP2	chr7	0.746726307	+ T2D risk	Body
cg20291513	PFKFB2	chr1	0.746841324	- T2D risk	TSS1500
cg22593953	ST6GAL1	chr3	0.747061155	+ T2D risk	Body
cg22569765	ST6GAL1	chr3	0.747176887	- T2D risk	5'UTR
cg09120456	PDE5A	chr4	0.747428147	+ T2D risk	1stExon
cg09120456	PDE5A	chr4	0.747428147	+ T2D risk	TSS1500
cg17740289	ATP8A2	chr13	0.747440549	- T2D risk	Body
cg09552147	NUF2	chr1	0.74745592	+ T2D risk	5'UTR
cg24758273	CUX1	chr7	0.74796089	+ T2D risk	Body
cg06195829	PDE7A	chr8	0.748029928	- T2D risk	5'UTR
cg06195829	PDE7A	chr8	0.748029928	- T2D risk	1stExon
cg16698293	TMEM59	chr1	0.74807492	- T2D risk	TSS1500
cg10523026	TAZ	chrX	0.748077391	+ T2D risk	Body
cg12984223	SEC31A	chr4	0.748101823	- T2D risk	5'UTR
cg20167011	SPPL2A	chr15	0.74810697	- T2D risk	TSS1500
cg09107796	NCOR1	chr17	0.748217413	- T2D risk	Body
cg21215209	TSHZ1	chr18	0.748301006	+ T2D risk	5'UTR
cg21215209	TSHZ1	chr18	0.748301006	+ T2D risk	Body
cg27612454	ADCY5	chr3	0.748379288	+ T2D risk	Body
cg16606364	CHKA	chr11	0.74839058	- T2D risk	Body
cg11999537	TBC1D5	chr3	0.748407852	+ T2D risk	Body
cg25565276	FARSB	chr2	0.748408401	- T2D risk	TSS200
cg09814151	TSC22D1	chr13	0.748494977	+ T2D risk	TSS1500
cg16564264	SKAP1	chr17	0.748694083	+ T2D risk	Body
cg05258123	CUX1	chr7	0.74873049	- T2D risk	Body
cg07288445	TSC22D1	chr13	0.748948244	- T2D risk	Body
cg11310933	TPCN1	chr12	0.749169874	+ T2D risk	TSS1500
cg16720809	PACRG	chr6	0.749203339	- T2D risk	Body
cg15453708	PRKAG2	chr7	0.749270112	- T2D risk	5'UTR
cg15453708	PRKAG2	chr7	0.749270112	- T2D risk	Body
cg10648252	CUX1	chr7	0.749352073	+ T2D risk	Body
cg21830206	ACTN4	chr19	0.749619101	+ T2D risk	Body
cg09896867	TPCN1	chr12	0.749620446	- T2D risk	3'UTR
cg16972831	GNA12	chr7	0.749704644	- T2D risk	Body
cg09327981	DYNC111	chr7	0.749860118	+ T2D risk	Body
cg22084515	SUB1	chr5	0.749882918	+ T2D risk	Body
cg09812397	TJP1	chr15	0.749936084	- T2D risk	Body
cg11578870	AGPAT3	chr21	0.749968652	+ T2D risk	5'UTR
cg13634872	INPP4A	chr2	0.750009974	+ T2D risk	Body
cg04503570	ITPKB	chr1	0.750022273	+ T2D risk	Body
cg23488733	RAP1GAP2	chr17	0.750073811	+ T2D risk	Body
cg10820191	CUX1	chr7	0.750512104	- T2D risk	Body
cg16206284	NCOA2	chr8	0.750697177	+ T2D risk	ExonBnd
cg16206284	NCOA2	chr8	0.750697177	+ T2D risk	Body
cg08408860	INPP4A	chr2	0.750824606	+ T2D risk	5'UTR
cg06686180	ATP4A	chr19	0.751020996	- T2D risk	TSS1500
cg01801603	ZHX2	chr8	0.751051788	+ T2D risk	5'UTR
cg07450598	GRK5	chr10	0.751168956	- T2D risk	Body
cg20729373	SRPK2	chr7	0.751180126	- T2D risk	Body
cg09619064	GAD1	chr2	0.751271604	- T2D risk	Body
cg19147400	TAB2	chr6	0.751549525	- T2D risk	5'UTR
cg19147400	TAB2	chr6	0.751549525	- T2D risk	Body
cg19147400	TAB2	chr6	0.751549525	- T2D risk	TSS200
cg15488570	CHID1	chr11	0.751641387	+ T2D risk	Body
cg21804673	ARL15	chr5	0.751656404	- T2D risk	Body
cg14621209	MYO6	chr6	0.751680598	- T2D risk	Body
cg14949892	CHFR	chr12	0.751765532	+ T2D risk	Body
cg13653580	ATXN1	chr6	0.751805697	+ T2D risk	TSS1500
cg23140118	ATP8A2	chr13	0.75187723	- T2D risk	Body
cg22224691	WIZ	chr19	0.751885534	+ T2D risk	Body
cg00160464	TENM2	chr5	0.751951138	- T2D risk	Body
cg05265985	PRMT3	chr11	0.752079154	- T2D risk	Body
cg25474616	CCNB1	chr5	0.752240391	+ T2D risk	TSS1500
cg12889538	PRKAG2	chr7	0.752394246	- T2D risk	TSS1500
cg12889538	PRKAG2	chr7	0.752394246	- T2D risk	Body
cg25752163	CUX2	chr12	0.752508838	+ T2D risk	TSS1500
cg03099144	RNF217	chr6	0.752527999	+ T2D risk	5'UTR
cg23799246	INPP4A	chr2	0.752532271	+ T2D risk	5'UTR
cg11720490	TMEM131	chr2	0.752575401	- T2D risk	Body
cg06401532	PRKCB	chr16	0.752706224	+ T2D risk	Body

cg11344013	KCNJ12	chr17	0.752708914	- T2D risk	3'UTR
cg14246940	LMX1B	chr9	0.752962341	- T2D risk	Body
cg15674520	TSGA10	chr2	0.752972465	- T2D risk	Body
cg06803580	DIP2C	chr10	0.753062523	+ T2D risk	Body
cg15661715	PRKAG2	chr7	0.753310444	- T2D risk	Body
cg06847428	TBC1D5	chr3	0.753338413	- T2D risk	5'UTR
cg05839294	DNAJC13	chr3	0.753366126	- T2D risk	Body
cg22656048	DIP2C	chr10	0.753368387	- T2D risk	Body
cg13100918	ATP8A1	chr4	0.753442404	+ T2D risk	Body
cg01946364	CPLX2	chr5	0.753491605	- T2D risk	5'UTR
cg13105122	PDE7A	chr8	0.753602114	+ T2D risk	Body
cg16660359	CREBBP	chr16	0.753641571	+ T2D risk	Body
cg08048933	KDR	chr4	0.753645776	+ T2D risk	TSS1500
cg01872330	MGRN1	chr16	0.753668781	- T2D risk	Body
cg08897044	MAST1	chr19	0.753717038	+ T2D risk	Body
cg09880359	SGSM2	chr17	0.753766175	+ T2D risk	Body
cg10088426	PDE7A	chr8	0.753792927	+ T2D risk	Body
cg21223481	GAD1	chr2	0.753841331	- T2D risk	Body
cg09299628	SKAP1	chr17	0.753992282	- T2D risk	Body
cg00079485	KCNJ12	chr17	0.754043485	- T2D risk	3'UTR
cg07853992	SPAG9	chr17	0.75405964	- T2D risk	Body
cg10348178	FNIP2	chr4	0.754062126	- T2D risk	Body
cg09588476	ARHGAP32	chr11	0.754272894	- T2D risk	Body
cg15993538	GAD1	chr2	0.754313755	+ T2D risk	5'UTR
cg20620180	BCAT1	chr12	0.754436571	- T2D risk	Body
cg02048645	SPAG9	chr17	0.754516641	- T2D risk	TSS1500
cg00783321	SSBP2	chr5	0.75498251	- T2D risk	Body
cg10333170	CALD1	chr7	0.755018896	+ T2D risk	5'UTR
cg16672557	WIZ	chr19	0.75514348	+ T2D risk	Body
cg06336736	RCAN2	chr6	0.75515948	+ T2D risk	Body
cg16265553	ITPKB	chr1	0.755190489	+ T2D risk	Body
cg04618969	CUX1	chr7	0.755234213	+ T2D risk	Body
cg23081284	DIP2C	chr10	0.75524508	+ T2D risk	Body
cg01942543	TOX3	chr16	0.755265037	+ T2D risk	Body
cg26155697	ITGA1	chr5	0.755396877	+ T2D risk	Body
cg00044638	PRKAG2	chr7	0.755409293	+ T2D risk	Body
cg20887061	NUP98	chr11	0.755478469	- T2D risk	TSS200
cg02188358	FLT1	chr13	0.755487489	- T2D risk	Body
cg25996573	RTN4	chr2	0.755697769	+ T2D risk	Body
cg06474489	PTPRU	chr1	0.755832843	+ T2D risk	ExonBnd
cg06474489	PTPRU	chr1	0.755832843	+ T2D risk	Body
cg23843044	ATP8A2	chr13	0.75586534	- T2D risk	Body
cg12622096	UNC80	chr2	0.755961596	- T2D risk	Body
cg09118225	TENM2	chr5	0.756064728	- T2D risk	Body
cg17890873	TPCN1	chr12	0.756093646	- T2D risk	Body
cg17890873	TPCN1	chr12	0.756093646	- T2D risk	ExonBnd
cg24505803	LCA5	chr6	0.756155543	- T2D risk	TSS1500
cg00639522	CDH22	chr20	0.756191141	+ T2D risk	Body
cg21482885	PDLIM5	chr4	0.756264062	+ T2D risk	5'UTR
cg21482885	PDLIM5	chr4	0.756264062	+ T2D risk	Body
cg01214260	NUF2	chr1	0.756397353	- T2D risk	Body
cg16365445	ITGB1	chr10	0.756414163	+ T2D risk	5'UTR
cg21420366	NGF	chr1	0.756448132	+ T2D risk	5'UTR
cg09950164	PACS1	chr11	0.756635297	- T2D risk	Body
cg12948543	PACS2	chr14	0.756837928	+ T2D risk	Body
cg00731146	TPCN1	chr12	0.756841028	+ T2D risk	Body
cg00731146	TPCN1	chr12	0.756841028	+ T2D risk	TSS1500
cg17926647	ITPKB	chr1	0.756887196	- T2D risk	Body
cg21277461	GRK5	chr10	0.756983829	+ T2D risk	Body
cg16467990	PACS2	chr14	0.757001552	+ T2D risk	Body
cg12839362	CLEC16A	chr16	0.757147175	- T2D risk	Body
cg04342762	DYNC111	chr7	0.757227378	- T2D risk	Body
cg07273346	PACS1	chr11	0.757287628	+ T2D risk	Body
cg01005180	PRKAG2	chr7	0.757421472	+ T2D risk	Body
cg24663090	ARL15	chr5	0.75753111	+ T2D risk	3'UTR
cg23016734	ROBO2	chr3	0.757648718	- T2D risk	TSS1500
cg13004236	DIP2C	chr10	0.757747806	+ T2D risk	Body
cg22341788	FLT1	chr13	0.757931858	+ T2D risk	Body
cg03884572	CUX2	chr12	0.757951042	- T2D risk	Body
cg20644928	SLIT3	chr5	0.758039285	+ T2D risk	Body

cg15920867	ERC2	chr3	0.758113108	- T2D risk	5'UTR
cg18318565	RET	chr10	0.7582537	- T2D risk	Body
cg03722044	CREBBP	chr16	0.758271839	+ T2D risk	Body
cg11020894	ST6GAL1	chr3	0.758355733	- T2D risk	5'UTR
cg18199258	SKAP1	chr17	0.758359242	+ T2D risk	Body
cg21776667	PLAGL1	chr6	0.758506751	- T2D risk	5'UTR
cg26135290	NCOA7	chr6	0.758782935	+ T2D risk	Body
cg26135290	NCOA7	chr6	0.758782935	+ T2D risk	TSS1500
cg25487382	ITPKB	chr1	0.758804929	+ T2D risk	Body
cg21491176	MAST1	chr19	0.758926351	- T2D risk	Body
cg01666600	KCNJ12	chr17	0.758961011	+ T2D risk	TSS200
cg02941120	KDM4B	chr19	0.759015795	- T2D risk	Body
cg01150173	SRPK2	chr7	0.759038298	- T2D risk	TSS1500
cg04729386	ANK3	chr10	0.759067589	- T2D risk	Body
cg00978808	ADCY5	chr3	0.759296063	- T2D risk	Body
cg05867158	DIP2C	chr10	0.759587348	- T2D risk	Body
cg27077895	SPOCK1	chr5	0.759591692	- T2D risk	Body
cg24260907	PDE5A	chr4	0.759594468	+ T2D risk	Body
cg14780777	DIP2C	chr10	0.759681584	- T2D risk	Body
cg17671461	LCA5	chr6	0.759692592	- T2D risk	TSS1500
cg06106170	PACRG	chr6	0.759785401	+ T2D risk	Body
cg01002264	GRK5	chr10	0.759791694	- T2D risk	Body
cg15198786	TPCN1	chr12	0.759835185	+ T2D risk	TSS200
cg13134248	ARPP19	chr15	0.759858938	+ T2D risk	3'UTR
cg12954554	ZHX2	chr8	0.759947336	- T2D risk	5'UTR
cg13302927	PRKAG2	chr7	0.760046414	- T2D risk	Body
cg16210827	CRYL1	chr13	0.760050354	- T2D risk	Body
cg20705717	PRKCE	chr2	0.760063862	+ T2D risk	Body
cg11649388	FLT1	chr13	0.760081648	- T2D risk	Body
cg23027329	DIP2C	chr10	0.760194622	- T2D risk	Body
cg12333493	UBE2K	chr4	0.760231965	- T2D risk	Body
cg11051790	NCOA2	chr8	0.760385642	- T2D risk	Body
cg14337324	PACRG	chr6	0.760485307	- T2D risk	Body
cg05560873	LAP3	chr4	0.760682911	+ T2D risk	Body
cg21952149	TANC2	chr17	0.760885282	+ T2D risk	Body
cg16583458	CUX2	chr12	0.761032472	+ T2D risk	Body
cg12431207	ATRNL1	chr10	0.76110381	+ T2D risk	Body
cg21085007	ST20	chr15	0.76114983	- T2D risk	1stExon
cg21085007	ST20	chr15	0.76114983	- T2D risk	5'UTR
cg21085007	ST20	chr15	0.76114983	- T2D risk	Body
cg19952225	ROBO2	chr3	0.761201991	+ T2D risk	ExonBnd
cg19952225	ROBO2	chr3	0.761201991	+ T2D risk	Body
cg02849309	PLAGL1	chr6	0.761275231	+ T2D risk	TSS1500
cg08693644	PACS2	chr14	0.761302479	- T2D risk	5'UTR
cg08693644	PACS2	chr14	0.761302479	- T2D risk	Body
cg11428758	TTC28	chr22	0.761425102	+ T2D risk	Body
cg13744589	PRKAG2	chr7	0.761436049	- T2D risk	Body
cg16979303	SPOCK1	chr5	0.761481976	+ T2D risk	Body
cg16205534	ANK3	chr10	0.761582237	- T2D risk	Body
cg00776406	NUP98	chr11	0.761603352	- T2D risk	Body
cg08448725	TOX3	chr16	0.761631335	- T2D risk	TSS1500
cg02305431	CDK8	chr13	0.761804928	- T2D risk	Body
cg00096307	UXS1	chr2	0.76183102	+ T2D risk	Body
cg11046380	DYNC1I2	chr2	0.761868843	- T2D risk	TSS1500
cg04061650	TSGA10	chr2	0.761926242	+ T2D risk	Body
cg11148246	DYNC1I1	chr7	0.76193286	- T2D risk	Body
cg17641101	EFCAB14	chr1	0.761962436	+ T2D risk	Body
cg09437692	CUX1	chr7	0.762013521	- T2D risk	Body
cg07397958	GALK2	chr15	0.762026744	+ T2D risk	5'UTR
cg07397958	GALK2	chr15	0.762026744	+ T2D risk	Body
cg12050728	SGSM2	chr17	0.762168587	- T2D risk	Body
cg17955564	RANBP17	chr5	0.762330006	- T2D risk	TSS1500
cg22378874	GRK5	chr10	0.762443007	+ T2D risk	Body
cg00350003	KCNJ12	chr17	0.76253104	+ T2D risk	5'UTR
cg20742366	KREMEN1	chr22	0.762546893	- T2D risk	TSS200
cg05657651	RHOA	chr3	0.762703975	- T2D risk	Body
cg00121339	CLEC16A	chr16	0.762818654	- T2D risk	Body
cg25579477	PRKAG2	chr7	0.762825429	- T2D risk	5'UTR
cg25579477	PRKAG2	chr7	0.762825429	- T2D risk	Body
cg22035501	APC	chr5	0.762843774	+ T2D risk	5'UTR

cg22035501	APC	chr5	0.762843774	+ T2D risk	TSS200
cg01156249	MGRN1	chr16	0.762866098	+ T2D risk	Body
cg11767956	SUB1	chr5	0.762934135	- T2D risk	5'UTR
cg14701415	PLAGL1	chr6	0.763226675	+ T2D risk	5'UTR
cg15469966	CHFR	chr12	0.763264869	+ T2D risk	3'UTR
cg24921901	PKD1	chr2	0.763267248	+ T2D risk	Body
cg01886077	TMEM131	chr2	0.763270969	- T2D risk	TSS200
cg19118263	CADM1	chr11	0.763301127	- T2D risk	Body
cg01058360	PRKAG2	chr7	0.763400346	- T2D risk	Body
cg03690869	PRKCE	chr2	0.763439422	+ T2D risk	3'UTR
cg15736847	ATP6V1A	chr3	0.76348457	+ T2D risk	5'UTR
cg26502194	SLIT3	chr5	0.763894929	- T2D risk	Body
cg04759187	DIP2C	chr10	0.763994929	+ T2D risk	Body
cg11718965	PRKAG2	chr7	0.764085857	+ T2D risk	5'UTR
cg11718965	PRKAG2	chr7	0.764085857	+ T2D risk	Body
cg19679501	RANBP17	chr5	0.76409391	+ T2D risk	Body
cg20007890	DIP2C	chr10	0.764274312	+ T2D risk	Body
cg06583696	ASXL2	chr2	0.764516411	+ T2D risk	TSS1500
cg16058275	NCOR1	chr17	0.764658246	- T2D risk	ExonBnd
cg16058275	NCOR1	chr17	0.764658246	- T2D risk	Body
cg18239858	CUX1	chr7	0.764846803	- T2D risk	Body
cg18343862	LYVE1	chr11	0.764924553	+ T2D risk	1stExon
cg20780811	RANBP17	chr5	0.765035214	- T2D risk	1stExon
cg20780811	RANBP17	chr5	0.765035214	- T2D risk	5'UTR
cg00807462	CUX2	chr12	0.765255828	- T2D risk	Body
cg24808531	ADCY5	chr3	0.765268798	- T2D risk	Body
cg12541935	PRKAG2	chr7	0.765323043	+ T2D risk	Body
cg21321273	PFKFB2	chr1	0.765419654	+ T2D risk	Body
cg05734675	DIP2C	chr10	0.765470914	+ T2D risk	Body
cg12099188	RSF1	chr11	0.765524305	+ T2D risk	Body
cg02965699	PHF21A	chr11	0.765550737	+ T2D risk	5'UTR
cg09307468	PLAGL1	chr6	0.765591415	- T2D risk	TSS1500
cg15092213	GNA12	chr7	0.76559751	- T2D risk	Body
cg01140522	RANBP17	chr5	0.765700773	- T2D risk	Body
cg20284631	SKAP1	chr17	0.765732892	+ T2D risk	Body
cg11911769	CUX1	chr7	0.765764184	+ T2D risk	Body
cg24996883	ITPKB	chr1	0.765905605	+ T2D risk	3'UTR
cg27656899	TSGA10	chr2	0.765969267	+ T2D risk	5'UTR
cg23454427	CLIC5	chr6	0.765971641	+ T2D risk	Body
cg02863817	ROBO2	chr3	0.766060793	+ T2D risk	5'UTR
cg02863817	ROBO2	chr3	0.766060793	+ T2D risk	Body
cg09900371	DLL4	chr15	0.766224607	- T2D risk	Body
cg09169839	FARSB	chr2	0.766312263	- T2D risk	TSS1500
cg17912513	UXS1	chr2	0.766347879	+ T2D risk	TSS1500
cg24995915	ATP8A1	chr4	0.766423133	- T2D risk	TSS1500
cg00285941	UNC80	chr2	0.766553399	+ T2D risk	Body
cg17597125	NCOA7	chr6	0.766749744	+ T2D risk	5'UTR
cg17597125	NCOA7	chr6	0.766749744	+ T2D risk	Body
cg19465850	CMTR1	chr6	0.766792778	- T2D risk	ExonBnd
cg19465850	CMTR1	chr6	0.766792778	- T2D risk	Body
cg01264131	PDE7A	chr8	0.766891728	- T2D risk	Body
cg14275273	CLIC5	chr6	0.767216762	- T2D risk	TSS1500
cg14275273	CLIC5	chr6	0.767216762	- T2D risk	Body
cg14480088	RRAGB	chrX	0.767220875	- T2D risk	Body
cg23724029	RAP1GAP2	chr17	0.767266169	+ T2D risk	Body
cg07217345	ZHX2	chr8	0.767371853	- T2D risk	5'UTR
cg06332620	SSBP2	chr5	0.767623612	- T2D risk	Body
cg17826107	EVI5	chr1	0.767670527	+ T2D risk	3'UTR
cg16600298	CADM1	chr11	0.767704212	- T2D risk	Body
cg25488288	DIP2C	chr10	0.767713582	- T2D risk	1stExon
cg05505746	ENAH	chr1	0.767720306	+ T2D risk	Body
cg06117365	GLA	chrX	0.767733978	- T2D risk	Body
cg10715460	KCNJ12	chr17	0.767814599	- T2D risk	TSS1500
cg21581088	SEZ6L	chr22	0.767822553	+ T2D risk	Body
cg22707073	PPP1R12A	chr12	0.768169757	- T2D risk	Body
cg25840925	SUB1	chr5	0.768256122	+ T2D risk	Body
cg22523443	PDLIM5	chr4	0.768290267	+ T2D risk	5'UTR
cg22523443	PDLIM5	chr4	0.768290267	+ T2D risk	Body
cg13036037	DIP2C	chr10	0.7683702	+ T2D risk	Body
cg00465739	ATP8A2	chr13	0.768534833	+ T2D risk	Body

cg22715945	IFT74	chr9	0.768586808	- T2D risk	5'UTR
cg21153758	ITGA1	chr5	0.768637457	- T2D risk	TSS200
cg19065582	SLIT3	chr5	0.76873316	- T2D risk	Body
cg12305178	CLEC16A	chr16	0.768738295	+ T2D risk	Body
cg05997059	MET	chr7	0.76905954	- T2D risk	Body
cg17927924	CLEC16A	chr16	0.769063585	+ T2D risk	Body
cg02429283	ULK4	chr3	0.769428401	- T2D risk	Body
cg21571423	ASH1L	chr1	0.769471573	+ T2D risk	5'UTR
cg27335999	DIP2C	chr10	0.76964745	+ T2D risk	Body
cg11227576	NGLY1	chr3	0.76968093	- T2D risk	Body
cg11227576	NGLY1	chr3	0.76968093	- T2D risk	TSS200
cg25408758	PRKD1	chr14	0.769726486	- T2D risk	Body
cg27324826	NOL4	chr18	0.769838654	+ T2D risk	Body
cg22507969	CNTNAP2	chr7	0.769864443	- T2D risk	Body
cg03635073	PRMT3	chr11	0.769894058	+ T2D risk	Body
cg22500559	RHBDD1	chr2	0.769973089	- T2D risk	Body
cg23850317	ANKHD1	chr5	0.770090277	+ T2D risk	Body
cg14681854	EVI5	chr1	0.770106547	+ T2D risk	Body
cg11308394	RET	chr10	0.770135945	+ T2D risk	Body
cg09284511	SLIT3	chr5	0.770147531	+ T2D risk	Body
cg26553180	CUX1	chr7	0.770169763	+ T2D risk	Body
cg25630384	MAN1A1	chr6	0.770215401	- T2D risk	Body
cg21456025	PDE5A	chr4	0.77023798	- T2D risk	5'UTR
cg21456025	PDE5A	chr4	0.77023798	- T2D risk	TSS1500
cg21456025	PDE5A	chr4	0.77023798	- T2D risk	Body
cg01662869	MGRN1	chr16	0.770378673	- T2D risk	Body
cg18381882	RNF217	chr6	0.770381398	+ T2D risk	Body
cg18381882	RNF217	chr6	0.770381398	+ T2D risk	5'UTR
cg12355773	WIZ	chr19	0.77039548	+ T2D risk	Body
cg03758484	PDK1	chr2	0.770459026	- T2D risk	Body
cg15604082	GRK5	chr10	0.770557729	+ T2D risk	Body
cg16420089	MGRN1	chr16	0.770783518	- T2D risk	Body
cg16420089	MGRN1	chr16	0.770783518	- T2D risk	3'UTR
cg17274605	ARL15	chr5	0.770785849	- T2D risk	Body
cg05971496	COL4A1	chr13	0.770985829	+ T2D risk	Body
cg09248482	ATRNL1	chr10	0.771022558	- T2D risk	1stExon
cg09248482	ATRNL1	chr10	0.771022558	- T2D risk	5'UTR
cg19095567	CNTROB	chr17	0.771024527	- T2D risk	TSS1500
cg04106334	WDR47	chr1	0.771315348	- T2D risk	5'UTR
cg18157012	SLIT3	chr5	0.771418664	+ T2D risk	Body
cg09178514	NUCB2	chr11	0.771448774	- T2D risk	TSS200
cg09773756	MMS19	chr10	0.771723645	+ T2D risk	TSS1500
cg10075191	ATP6V1A	chr3	0.771838376	+ T2D risk	5'UTR
cg05570946	LAMA4	chr6	0.771866157	+ T2D risk	Body
cg22291695	PDE3A	chr12	0.771997187	- T2D risk	Body
cg19959519	NF1	chr17	0.772099876	- T2D risk	Body
cg16354253	TSHZ1	chr18	0.772170431	+ T2D risk	5'UTR
cg18374755	PACS2	chr14	0.772401176	- T2D risk	Body
cg23967480	CLEC16A	chr16	0.772680114	+ T2D risk	Body
cg15659828	CHID1	chr11	0.772883693	+ T2D risk	TSS1500
cg15659828	CHID1	chr11	0.772883693	+ T2D risk	5'UTR
cg06701500	YWHAQ	chr2	0.772949197	- T2D risk	TSS1500
cg16125762	STX6	chr1	0.773082273	- T2D risk	TSS200
cg13874317	TBC1D5	chr3	0.773102365	- T2D risk	5'UTR
cg00040103	PRKCE	chr2	0.773154933	- T2D risk	Body
cg03366425	LAMA4	chr6	0.77335223	- T2D risk	Body
cg22900813	TMEM59	chr1	0.773377282	- T2D risk	5'UTR
cg22900813	TMEM59	chr1	0.773377282	- T2D risk	ExonBnd
cg22900813	TMEM59	chr1	0.773377282	- T2D risk	Body
cg13899381	CLIC5	chr6	0.773405499	+ T2D risk	Body
cg09787381	CALD1	chr7	0.773406286	- T2D risk	Body
cg04044694	GLA	chrX	0.77354565	+ T2D risk	1stExon
cg04044694	GLA	chrX	0.77354565	+ T2D risk	5'UTR
cg15419054	NPEPPS	chr17	0.773642074	+ T2D risk	Body
cg15179704	WDR48	chr3	0.77366139	- T2D risk	Body
cg14403974	TMEM131	chr2	0.773686526	- T2D risk	Body
cg23807124	PACRG	chr6	0.773721003	+ T2D risk	Body
cg11532229	NOL4	chr18	0.773871248	- T2D risk	TSS1500
cg11532229	NOL4	chr18	0.773871248	- T2D risk	Body
cg22021597	ITPKB	chr1	0.773951171	+ T2D risk	Body

cg00214688	<i>ITGB1</i>	chr10	0.77398136	- T2D risk	Body
cg00336267	<i>TENM2</i>	chr5	0.774220686	- T2D risk	Body
cg00223569	<i>BCAT1</i>	chr12	0.774253441	- T2D risk	Body
cg15199040	<i>ERC2</i>	chr3	0.774304096	+ T2D risk	Body
cg13874012	<i>DIP2C</i>	chr10	0.774556714	+ T2D risk	Body
cg03794630	<i>ANK3</i>	chr10	0.774647876	- T2D risk	Body
cg01233968	<i>DIP2C</i>	chr10	0.774696817	- T2D risk	Body
cg19752649	<i>CLEC16A</i>	chr16	0.774737779	- T2D risk	Body
cg05199331	<i>RAP1GAP2</i>	chr17	0.774798197	+ T2D risk	Body
cg25636218	<i>ACTN4</i>	chr19	0.774861161	+ T2D risk	Body
cg14465560	<i>ULK4</i>	chr3	0.774865375	+ T2D risk	Body
cg17050472	<i>GRK5</i>	chr10	0.774886422	- T2D risk	Body
cg00930755	<i>TENM2</i>	chr5	0.775055834	- T2D risk	Body
cg06258196	<i>CUX1</i>	chr7	0.775113103	- T2D risk	Body
cg25005894	<i>ERC2</i>	chr3	0.775160884	+ T2D risk	5'UTR
cg02271488	<i>MAST1</i>	chr19	0.775186568	+ T2D risk	TSS1500
cg01340163	<i>KDR</i>	chr4	0.775227445	+ T2D risk	Body
cg15469944	<i>DNAH9</i>	chr17	0.775297562	- T2D risk	TSS1500
cg15469944	<i>DNAH9</i>	chr17	0.775297562	- T2D risk	Body
cg21513735	<i>FNIP2</i>	chr4	0.77531691	- T2D risk	Body
cg21195543	<i>EV15</i>	chr1	0.775384123	- T2D risk	Body
cg19600449	<i>PRKCE</i>	chr2	0.775388455	+ T2D risk	Body
cg04546691	<i>ROBO2</i>	chr3	0.775420937	- T2D risk	Body
cg16872172	<i>RHOA</i>	chr3	0.775498436	+ T2D risk	TSS200
cg12882103	<i>MAN1A1</i>	chr6	0.775511612	- T2D risk	TSS1500
cg00524169	<i>ACTN4</i>	chr19	0.775519727	- T2D risk	TSS1500
cg01124961	<i>HMBX1</i>	chr8	0.775593797	- T2D risk	TSS1500
cg05801992	<i>MET</i>	chr7	0.775599457	+ T2D risk	TSS1500
cg25936055	<i>DNAH9</i>	chr17	0.775617299	+ T2D risk	Body
cg23584869	<i>SRPK2</i>	chr7	0.775735585	+ T2D risk	Body
cg05213267	<i>DIP2C</i>	chr10	0.775844239	- T2D risk	Body
cg15148792	<i>PFKFB2</i>	chr1	0.775913334	- T2D risk	Body
cg16148959	<i>NF1</i>	chr17	0.776032446	+ T2D risk	Body
cg01089544	<i>APBA1</i>	chr9	0.77603438	- T2D risk	Body
cg11059932	<i>ITPKB</i>	chr1	0.77608507	+ T2D risk	Body
cg24272514	<i>ATXN1</i>	chr6	0.776120067	- T2D risk	5'UTR
cg24278191	<i>NCOR1</i>	chr17	0.776121354	- T2D risk	Body
cg20665002	<i>ATP8A2</i>	chr13	0.776142165	- T2D risk	1stExon
cg20665002	<i>ATP8A2</i>	chr13	0.776142165	- T2D risk	5'UTR
cg22915752	<i>NF1</i>	chr17	0.77624596	+ T2D risk	Body
cg26814569	<i>CUX2</i>	chr12	0.776352964	+ T2D risk	Body
cg10506098	<i>TJP1</i>	chr15	0.776402739	- T2D risk	Body
cg05814156	<i>PTPRU</i>	chr1	0.776424293	- T2D risk	ExonBnd
cg05814156	<i>PTPRU</i>	chr1	0.776424293	- T2D risk	Body
cg14058739	<i>ANK3</i>	chr10	0.776510739	- T2D risk	TSS1500
cg14058739	<i>ANK3</i>	chr10	0.776510739	- T2D risk	Body
cg14479754	<i>AGPAT3</i>	chr21	0.776664435	- T2D risk	5'UTR
cg27425452	<i>PACRG</i>	chr6	0.776700702	+ T2D risk	TSS200
cg27425452	<i>PACRG</i>	chr6	0.776700702	+ T2D risk	5'UTR
cg16967191	<i>CPLX2</i>	chr5	0.776863067	- T2D risk	5'UTR
cg03396323	<i>ATP8A1</i>	chr4	0.776873892	- T2D risk	Body
cg11428294	<i>SGSM2</i>	chr17	0.777326693	+ T2D risk	Body
cg02098482	<i>GNA12</i>	chr7	0.777449818	+ T2D risk	Body
cg10835308	<i>MDM1</i>	chr12	0.777717103	+ T2D risk	5'UTR
cg10835308	<i>MDM1</i>	chr12	0.777717103	+ T2D risk	1stExon
cg07212009	<i>DIP2C</i>	chr10	0.777723678	+ T2D risk	Body
cg00686616	<i>ATRNL1</i>	chr10	0.778111109	- T2D risk	Body
cg23463077	<i>ANKHD1</i>	chr5	0.778198607	- T2D risk	TSS200
cg07447346	<i>GRK5</i>	chr10	0.778252556	- T2D risk	Body
cg06826552	<i>APBA1</i>	chr9	0.778348994	+ T2D risk	Body
cg27376589	<i>PRKAG2</i>	chr7	0.77835837	- T2D risk	Body
cg22052583	<i>MAN1A1</i>	chr6	0.778505103	+ T2D risk	Body
cg20309646	<i>SSBP2</i>	chr5	0.778636427	- T2D risk	1stExon
cg07739042	<i>PACS1</i>	chr11	0.778660962	- T2D risk	Body
cg03209733	<i>LMX1B</i>	chr9	0.778756142	+ T2D risk	Body
cg14072016	<i>DIP2C</i>	chr10	0.778810122	- T2D risk	Body
cg27475442	<i>RAP1GAP2</i>	chr17	0.778821199	- T2D risk	Body
cg14717988	<i>BCAT1</i>	chr12	0.778900523	+ T2D risk	Body
cg14717988	<i>BCAT1</i>	chr12	0.778900523	+ T2D risk	TSS200
cg14619203	<i>PHACTR1</i>	chr6	0.778915607	- T2D risk	Body

cg13055636	ENAH	chr1	0.779014672	- T2D risk	3'UTR
cg11155638	PFKFB2	chr1	0.779040682	+ T2D risk	TSS1500
cg04663956	NF1	chr17	0.779104118	- T2D risk	Body
cg27507371	ARHGAP32	chr11	0.779193812	+ T2D risk	5'UTR
cg27507371	ARHGAP32	chr11	0.779193812	+ T2D risk	Body
cg00602862	CADM1	chr11	0.77920545	- T2D risk	Body
cg14530655	FLT1	chr13	0.779300709	- T2D risk	Body
cg27295594	SNX4	chr3	0.779400842	+ T2D risk	TSS1500
cg13486309	ASH1L	chr1	0.779444559	- T2D risk	Body
cg24290274	RSF1	chr11	0.77945369	- T2D risk	Body
cg14175593	MMS19	chr10	0.779682062	- T2D risk	Body
cg03524264	NGF	chr1	0.779826264	- T2D risk	5'UTR
cg12813441	RTN4	chr2	0.779897301	+ T2D risk	Body
cg07895504	CDH22	chr20	0.779915491	- T2D risk	Body
cg12782306	ANK2	chr4	0.779965216	- T2D risk	Body
cg10153341	MAN1A1	chr6	0.780045517	- T2D risk	Body
cg00725690	GLG1	chr16	0.780369189	+ T2D risk	Body
cg03405336	IMPA1	chr8	0.780408299	+ T2D risk	TSS1500
cg07796563	CHFR	chr12	0.780413124	- T2D risk	Body
cg13416461	DIP2C	chr10	0.780429162	- T2D risk	Body
cg13385437	DIP2C	chr10	0.780496402	+ T2D risk	Body
cg01739683	MGRN1	chr16	0.780505803	- T2D risk	Body
cg07439664	ERC2	chr3	0.780522429	+ T2D risk	Body
cg11523366	GNA12	chr7	0.780615497	+ T2D risk	Body
cg24975638	CUX1	chr7	0.780756596	- T2D risk	Body
cg12427348	ATP4A	chr19	0.780762216	- T2D risk	Body
cg17788054	FAM160A1	chr4	0.780802196	+ T2D risk	Body
cg06995190	CUX1	chr7	0.780821692	- T2D risk	Body
cg01845051	ULK4	chr3	0.781610767	+ T2D risk	Body
cg27560690	FBXO11	chr2	0.78184768	+ T2D risk	5'UTR
cg22923080	SPOCK1	chr5	0.781887961	- T2D risk	Body
cg13579562	DLL4	chr15	0.781911365	- T2D risk	TSS200
cg18505908	APBA1	chr9	0.782044043	- T2D risk	1stExon
cg18505908	APBA1	chr9	0.782044043	- T2D risk	5'UTR
cg04858829	SSBP2	chr5	0.782255291	+ T2D risk	Body
cg09742688	GAD1	chr2	0.782297251	- T2D risk	TSS1500
cg07795407	MEIS2	chr15	0.782336959	+ T2D risk	5'UTR
cg07795407	MEIS2	chr15	0.782336959	+ T2D risk	1stExon
cg07795407	MEIS2	chr15	0.782336959	+ T2D risk	Body
cg07795407	MEIS2	chr15	0.782336959	+ T2D risk	TSS1500
cg19059964	JPH2	chr20	0.782595234	+ T2D risk	Body
cg24145613	PACRG	chr6	0.782780447	+ T2D risk	Body
cg25936818	ZRANB1	chr10	0.783353347	- T2D risk	5'UTR
cg25936818	ZRANB1	chr10	0.783353347	- T2D risk	1stExon
cg26127391	KIAA1109	chr4	0.783439129	+ T2D risk	Body
cg04200137	CLOCK	chr4	0.783573632	- T2D risk	5'UTR
cg09809224	ULK4	chr3	0.783622684	- T2D risk	Body
cg12990219	TBC1D5	chr3	0.783625157	- T2D risk	5'UTR
cg06816102	PHACTR1	chr6	0.783673082	- T2D risk	Body
cg03293107	WWP2	chr16	0.783695663	- T2D risk	Body
cg01928968	CNTNAP2	chr7	0.783704731	+ T2D risk	Body
cg26605447	ITGA1	chr5	0.7837448	+ T2D risk	Body
cg05948029	DDC	chr7	0.783749802	- T2D risk	Body
cg15873372	SCARB2	chr4	0.783760756	+ T2D risk	Body
cg17288126	ERC2	chr3	0.783886033	+ T2D risk	Body
cg22925803	SKAP1	chr17	0.783997434	- T2D risk	Body
cg23626895	CEP126	chr11	0.78402719	- T2D risk	Body
cg14438609	PRKD1	chr14	0.784069603	- T2D risk	Body
cg13913742	BCAT1	chr12	0.784448638	+ T2D risk	5'UTR
cg13913742	BCAT1	chr12	0.784448638	+ T2D risk	1stExon
cg10418570	TMEM150C	chr4	0.784503405	- T2D risk	5'UTR
cg19641557	CTR9	chr11	0.784728106	- T2D risk	Body
cg15401013	MYO6	chr6	0.784836165	+ T2D risk	Body
cg15401013	MYO6	chr6	0.784836165	+ T2D risk	ExonBnd
cg06090569	UBE2K	chr4	0.784996322	+ T2D risk	Body
cg08979633	WDR48	chr3	0.785119539	+ T2D risk	Body
cg02535735	TSC22D1	chr13	0.785197855	- T2D risk	Body
cg18875435	NOTCH3	chr19	0.785298084	- T2D risk	3'UTR
cg10603140	RHBDD1	chr2	0.785330921	+ T2D risk	Body
cg25375656	DACH1	chr13	0.785370008	- T2D risk	Body

cg20667782	ASXL2	chr2	0.785372694	+ T2D risk	TSS200
cg01829024	TMEM150C	chr4	0.785423984	- T2D risk	5'UTR
cg17816847	ATXN1	chr6	0.785435955	+ T2D risk	5'UTR
cg10941174	CNTNAP2	chr7	0.785566377	+ T2D risk	Body
cg13259415	SKAP1	chr17	0.785785483	- T2D risk	Body
cg15986644	DIP2C	chr10	0.785827114	+ T2D risk	Body
cg11521427	ANK2	chr4	0.786104381	- T2D risk	TSS200
cg11521427	ANK2	chr4	0.786104381	- T2D risk	Body
cg10472149	DNAH9	chr17	0.786247976	- T2D risk	Body
cg09543140	CUX1	chr7	0.786304305	+ T2D risk	Body
cg13925527	TTC28	chr22	0.786361024	+ T2D risk	Body
cg16669228	ROBO2	chr3	0.78639859	- T2D risk	Body
cg27366532	CREBBP	chr16	0.78645734	- T2D risk	Body
cg10925871	PCYT1A	chr3	0.786508115	- T2D risk	Body
cg23329769	RBM4	chr11	0.78665277	- T2D risk	TSS200
cg00643662	CRYL1	chr13	0.786682662	+ T2D risk	Body
cg26901873	HMBOX1	chr8	0.787019283	+ T2D risk	5'UTR
cg02923106	DIP2C	chr10	0.787093947	+ T2D risk	Body
cg05186902	PDK1	chr2	0.787107842	- T2D risk	TSS1500
cg05186902	PDK1	chr2	0.787107842	- T2D risk	Body
cg21019326	KCNJ18	chr17	0.787385585	+ T2D risk	TSS1500
cg21019326	KCNJ12	chr17	0.787385585	+ T2D risk	5'UTR
cg01607441	ATP4A	chr19	0.787403108	+ T2D risk	TSS200
cg16151136	CUX1	chr7	0.787434525	- T2D risk	Body
cg20917814	TANC2	chr17	0.787495079	+ T2D risk	3'UTR
cg17900661	CADM1	chr11	0.787526059	- T2D risk	Body
cg08099115	ERC2	chr3	0.787567244	+ T2D risk	3'UTR
cg21022776	RAP1GAP2	chr17	0.787702037	+ T2D risk	Body
cg13584095	CDH22	chr20	0.787742038	- T2D risk	Body
cg13442200	SCARB2	chr4	0.787743593	- T2D risk	3'UTR
cg22100409	PDLIM5	chr4	0.787873001	+ T2D risk	5'UTR
cg22100409	PDLIM5	chr4	0.787873001	+ T2D risk	Body
cg19438261	IMPA1	chr8	0.787943709	- T2D risk	TSS1500
cg04845995	TTC28	chr22	0.788045355	+ T2D risk	Body
cg13266323	CADM1	chr11	0.788318482	+ T2D risk	Body
cg03387066	KCNIP3	chr2	0.788322375	+ T2D risk	Body
cg03387066	KCNIP3	chr2	0.788322375	+ T2D risk	TSS1500
cg08721910	ASH1L	chr1	0.788330549	- T2D risk	Body
cg02773403	ANK3	chr10	0.788388959	- T2D risk	Body
cg22844183	SEC31A	chr4	0.788412563	+ T2D risk	Body
cg26997736	PDE5A	chr4	0.788422743	- T2D risk	Body
cg26997736	PDE5A	chr4	0.788422743	- T2D risk	TSS200
cg26997736	PDE5A	chr4	0.788422743	- T2D risk	TSS1500
cg27567953	WDR47	chr1	0.788593461	- T2D risk	Body
cg13466456	PTPRU	chr1	0.788595272	- T2D risk	Body
cg18098433	CADM1	chr11	0.788659505	- T2D risk	Body
cg06438577	PACS2	chr14	0.78874303	- T2D risk	Body
cg16285635	PHF21A	chr11	0.788800836	+ T2D risk	Body
cg19551485	ERC2	chr3	0.788806536	- T2D risk	3'UTR
cg18041893	SRPK2	chr7	0.788881394	+ T2D risk	Body
cg10677712	NGLY1	chr3	0.788952522	- T2D risk	Body
cg25626273	CUX2	chr12	0.789046824	- T2D risk	Body
cg18177533	KDR	chr4	0.789109946	+ T2D risk	TSS200
cg22976533	PACS2	chr14	0.789132325	- T2D risk	Body
cg11422351	PRKAG2	chr7	0.789211453	- T2D risk	Body
cg16994041	PRKAG2	chr7	0.789339289	- T2D risk	5'UTR
cg16994041	PRKAG2	chr7	0.789339289	- T2D risk	Body
cg03034180	PACRG	chr6	0.789371422	+ T2D risk	Body
cg12047375	ATP6V1H	chr8	0.789446165	+ T2D risk	TSS1500
cg00314860	FAM160A1	chr4	0.789462934	+ T2D risk	Body
cg25883405	SRPK2	chr7	0.789513187	+ T2D risk	Body
cg09632131	ZHX2	chr8	0.789592074	+ T2D risk	5'UTR
cg20043627	DIP2C	chr10	0.789720864	+ T2D risk	Body
cg27042667	NUF2	chr1	0.789744039	- T2D risk	Body
cg08934600	APC	chr5	0.78974981	+ T2D risk	TSS200
cg15096563	BCAT1	chr12	0.789766062	+ T2D risk	Body
cg15096563	BCAT1	chr12	0.789766062	+ T2D risk	TSS1500
cg20651218	DIP2C	chr10	0.78980201	+ T2D risk	Body
cg27055657	NPAT	chr11	0.789930145	- T2D risk	Body
cg08477668	APC	chr5	0.79000133	- T2D risk	Body

cg08477668	APC	chr5	0.79000133	- T2D risk	5'UTR
cg26915370	CALD1	chr7	0.790107275	+ T2D risk	Body
cg26915370	CALD1	chr7	0.790107275	+ T2D risk	TSS1500
cg17159629	ARHGAP32	chr11	0.790303034	+ T2D risk	Body
cg16727916	PRKAG2	chr7	0.790319054	- T2D risk	5'UTR
cg16727916	PRKAG2	chr7	0.790319054	- T2D risk	1stExon
cg11722581	DIP2C	chr10	0.790330875	- T2D risk	Body
cg21249921	SSBP2	chr5	0.790390253	- T2D risk	TSS200
cg15110127	EFR3A	chr8	0.790467191	- T2D risk	TSS200
cg24689460	TOX3	chr16	0.790534429	+ T2D risk	TSS1500
cg07192717	ACSS2	chr20	0.790567358	- T2D risk	TSS1500
cg07192717	ACSS2	chr20	0.790567358	- T2D risk	5'UTR
cg17057452	ITPKB	chr1	0.790661535	+ T2D risk	TSS200
cg18869815	ATP8A2	chr13	0.790810636	- T2D risk	Body
cg22112443	MEIS2	chr15	0.790933215	- T2D risk	TSS1500
cg19217770	APBA1	chr9	0.791257473	+ T2D risk	Body
cg15307839	PLEKHG3	chr14	0.791395197	- T2D risk	5'UTR
cg04391547	UNC80	chr2	0.791481155	- T2D risk	Body
cg04288388	ANK2	chr4	0.791489253	+ T2D risk	ExonBnd
cg04288388	ANK2	chr4	0.791489253	+ T2D risk	Body
cg08323260	TSHZ1	chr18	0.791888261	- T2D risk	5'UTR
cg08323260	TSHZ1	chr18	0.791888261	- T2D risk	Body
cg12565580	ATP8A2	chr13	0.791896528	+ T2D risk	Body
cg11674773	TMEM59	chr1	0.79189725	- T2D risk	Body
cg12167279	ZDHHC2	chr8	0.791924209	+ T2D risk	Body
cg14532140	GAD1	chr2	0.792061478	- T2D risk	TSS200
cg10658277	NOL4	chr18	0.792218086	+ T2D risk	5'UTR
cg10658277	NOL4	chr18	0.792218086	+ T2D risk	Body
cg09264632	KIAA1109	chr4	0.792234421	+ T2D risk	Body
cg10081084	ZHX2	chr8	0.792340362	- T2D risk	5'UTR
cg03583090	CLEC16A	chr16	0.79244673	+ T2D risk	Body
cg26990380	PDLIM5	chr4	0.792446857	+ T2D risk	Body
cg22518769	SLC29A4	chr7	0.792527367	+ T2D risk	TSS1500
cg06748884	CLEC16A	chr16	0.792610727	- T2D risk	Body
cg08921926	ARIH1	chr15	0.792746986	+ T2D risk	TSS1500
cg10005894	ST6GAL1	chr3	0.792810577	- T2D risk	5'UTR
cg14024008	JPH2	chr20	0.792851873	+ T2D risk	Body
cg14024008	JPH2	chr20	0.792851873	+ T2D risk	3'UTR
cg13550731	DYNC1I2	chr2	0.792872417	+ T2D risk	TSS200
cg13908833	SLIT3	chr5	0.792890951	+ T2D risk	Body
cg11589739	ST20	chr15	0.793065905	+ T2D risk	TSS1500
cg25424029	COL4A1	chr13	0.793137582	+ T2D risk	Body
cg17236519	PTPRU	chr1	0.793172351	- T2D risk	Body
cg16110711	APC	chr5	0.79341289	- T2D risk	TSS1500
cg18314695	ATP4A	chr19	0.793458438	+ T2D risk	TSS200
cg05540662	ATXN1	chr6	0.793482856	- T2D risk	5'UTR
cg07767497	ATXN1	chr6	0.793557997	+ T2D risk	5'UTR
cg09391705	CDK8	chr13	0.793678108	+ T2D risk	TSS200
cg06746365	PRKAG2	chr7	0.793797824	+ T2D risk	Body
cg20942198	PCYT1A	chr3	0.793852483	- T2D risk	TSS200
cg19589725	SLIT3	chr5	0.793867622	+ T2D risk	Body
cg13580827	APBA1	chr9	0.793877935	- T2D risk	Body
cg01236137	SUB1	chr5	0.793960056	- T2D risk	TSS200
cg07180603	SMG7	chr1	0.794026709	+ T2D risk	TSS1500
cg01471539	POLA1	chrX	0.794095016	- T2D risk	Body
cg01661235	PRKCB	chr16	0.794443911	+ T2D risk	Body
cg12943330	ADCY5	chr3	0.794510306	- T2D risk	Body
cg11869193	RAP1GAP2	chr17	0.794523169	+ T2D risk	Body
cg20175766	LAMA4	chr6	0.794533477	+ T2D risk	Body
cg15348720	PDE3A	chr12	0.794572744	- T2D risk	Body
cg02399826	SPOCK1	chr5	0.79473928	+ T2D risk	Body
cg19778647	BCAT1	chr12	0.794750672	+ T2D risk	Body
cg10487201	KIAA1217	chr10	0.794792035	- T2D risk	Body
cg19471678	WDR48	chr3	0.794873784	+ T2D risk	3'UTR
cg25017402	FNIP2	chr4	0.794876401	+ T2D risk	Body
cg26002272	ANK2	chr4	0.794891509	- T2D risk	Body
cg14141458	RHOQ	chr2	0.794912704	+ T2D risk	Body
cg04014190	CUX2	chr12	0.794998387	+ T2D risk	Body
cg20963443	PRKCE	chr2	0.795415337	+ T2D risk	Body
cg16913972	ZHX2	chr8	0.7955792	+ T2D risk	5'UTR

cg12241620	CUX1	chr7	0.795650078	- T2D risk	Body
cg12909060	TSGA10	chr2	0.79580765	+ T2D risk	TSS1500
cg13870500	PRKAG2	chr7	0.795954987	+ T2D risk	Body
cg15767067	TENM2	chr5	0.796057481	+ T2D risk	Body
cg19756611	DACH1	chr13	0.796155132	+ T2D risk	TSS1500
cg12917938	CHFR	chr12	0.796156836	+ T2D risk	Body
cg11683889	PPP1R12A	chr12	0.796356293	- T2D risk	Body
cg17367439	BCAT1	chr12	0.796399355	+ T2D risk	Body
cg22521948	ITPKB	chr1	0.796426171	+ T2D risk	5'UTR
cg22521948	ITPKB	chr1	0.796426171	+ T2D risk	1stExon
cg11660418	UXS1	chr2	0.796444323	+ T2D risk	Body
cg06123346	ATP4A	chr19	0.796477936	- T2D risk	1stExon
cg00794813	NGF	chr1	0.796508462	+ T2D risk	Body
cg15584954	DIP2C	chr10	0.796536714	- T2D risk	Body
cg14009688	CALD1	chr7	0.796645261	- T2D risk	1stExon
cg14009688	CALD1	chr7	0.796645261	- T2D risk	5'UTR
cg23888240	ARIH1	chr15	0.796655032	+ T2D risk	TSS1500
cg03868865	DDC	chr7	0.796695735	+ T2D risk	5'UTR
cg06748848	SPAG9	chr17	0.79681465	- T2D risk	1stExon
cg22272668	CUL1	chr7	0.796987831	+ T2D risk	Body
cg11738976	JPH2	chr20	0.797002627	- T2D risk	Body
cg08701227	DIP2C	chr10	0.797050261	+ T2D risk	Body
cg04339553	MEIS2	chr15	0.797056325	+ T2D risk	Body
cg14037641	SEZ6L	chr22	0.797118871	+ T2D risk	Body
cg12178385	NQO1	chr16	0.797149935	- T2D risk	TSS1500
cg22553626	DNAH9	chr17	0.797183526	+ T2D risk	Body
cg17137015	ULK4	chr3	0.797425424	- T2D risk	Body
cg18997901	MYO6	chr6	0.79745539	+ T2D risk	5'UTR
cg15509764	TBC1D5	chr3	0.797528518	- T2D risk	Body
cg01814364	NOTCH3	chr19	0.797608501	+ T2D risk	Body
cg17242222	POC1B	chr12	0.797719574	+ T2D risk	TSS1500
cg25646679	MGRN1	chr16	0.797881294	+ T2D risk	Body
cg06268179	KREMEN1	chr22	0.797890343	- T2D risk	3'UTR
cg12773057	ASXL2	chr2	0.798164734	- T2D risk	Body
cg02220008	PHACTR1	chr6	0.798238205	+ T2D risk	Body
cg09478243	SLIT3	chr5	0.798238356	+ T2D risk	Body
cg18362489	PHF21A	chr11	0.798284848	+ T2D risk	TSS1500
cg08142943	MGRN1	chr16	0.798344396	+ T2D risk	Body
cg06913388	SSB	chr2	0.798401019	+ T2D risk	5'UTR
cg22927788	PDE3A	chr12	0.798417478	- T2D risk	TSS1500
cg27395391	ATXN1	chr6	0.798526237	+ T2D risk	5'UTR
cg07229130	RHOQ	chr2	0.798583361	+ T2D risk	Body
cg20443501	PLAGL1	chr6	0.798737577	- T2D risk	TSS1500
cg20443501	PLAGL1	chr6	0.798737577	- T2D risk	5'UTR
cg24112692	ST8SIA1	chr12	0.798741757	+ T2D risk	Body
cg24711637	NOL4	chr18	0.798787644	- T2D risk	TSS1500
cg24711637	NOL4	chr18	0.798787644	- T2D risk	Body
cg17825298	PRKAG2	chr7	0.798975462	+ T2D risk	Body
cg16435373	SLC30A8	chr8	0.798992945	- T2D risk	TSS200
cg16435373	SLC30A8	chr8	0.798992945	- T2D risk	TSS1500
cg16821724	GLG1	chr16	0.799018605	+ T2D risk	3'UTR
cg16821724	GLG1	chr16	0.799018605	+ T2D risk	Body
cg14750616	KIAA1217	chr10	0.799199563	- T2D risk	Body
cg00118342	UXS1	chr2	0.799262737	- T2D risk	Body
cg27259110	KIAA1217	chr10	0.799302681	- T2D risk	Body
cg21012946	ERC2	chr3	0.799326515	- T2D risk	Body
cg04538770	TENM2	chr5	0.799349872	- T2D risk	Body
cg23989770	ATP8A1	chr4	0.799359117	+ T2D risk	Body
cg23343458	ITPKB	chr1	0.79937618	- T2D risk	TSS200
cg00291192	TBC1D5	chr3	0.799411595	+ T2D risk	5'UTR
cg08860879	GALK2	chr15	0.799463382	+ T2D risk	Body
cg08860879	GALK2	chr15	0.799463382	+ T2D risk	TSS1500
cg18057497	ANK3	chr10	0.799499017	- T2D risk	Body
cg07077459	PLAGL1	chr6	0.799505928	+ T2D risk	5'UTR
cg17619145	WWP2	chr16	0.799624928	+ T2D risk	TSS1500
cg17619145	WWP2	chr16	0.799624928	+ T2D risk	Body
cg22521992	ARIH1	chr15	0.799701581	+ T2D risk	Body
cg16063021	ATP6V1H	chr8	0.799907074	+ T2D risk	Body
cg03139691	ANK3	chr10	0.800034941	+ T2D risk	TSS1500
cg20560185	FBXO11	chr2	0.800207296	+ T2D risk	3'UTR

cg20560185	<i>FBXO11</i>	chr2	0.800207296	+ T2D risk	Body
cg03810139	<i>KREMEN1</i>	chr22	0.800229336	- T2D risk	Body
cg01597329	<i>KDM4B</i>	chr19	0.800232751	+ T2D risk	5'UTR
cg14376436	<i>AMD1</i>	chr6	0.800288904	+ T2D risk	5'UTR
cg14376436	<i>AMD1</i>	chr6	0.800288904	+ T2D risk	Body
cg05231509	<i>NPAT</i>	chr11	0.800351916	- T2D risk	TSS1500
cg23495748	<i>CPLX2</i>	chr5	0.800362515	- T2D risk	5'UTR
cg23495748	<i>CPLX2</i>	chr5	0.800362515	- T2D risk	1stExon
cg09051775	<i>TOX3</i>	chr16	0.800402318	+ T2D risk	5'UTR
cg09051775	<i>TOX3</i>	chr16	0.800402318	+ T2D risk	Body
cg17193175	<i>SCARB2</i>	chr4	0.800506436	- T2D risk	Body
cg16186097	<i>ATXN1</i>	chr6	0.800511506	- T2D risk	5'UTR
cg27182923	<i>ADCY5</i>	chr3	0.800529716	+ T2D risk	Body
cg22606039	<i>IFT74</i>	chr9	0.800681313	- T2D risk	5'UTR
cg22606039	<i>IFT74</i>	chr9	0.800681313	- T2D risk	TSS1500
cg26831712	<i>MMS19</i>	chr10	0.800699092	- T2D risk	Body
cg08269119	<i>WIZ</i>	chr19	0.800700262	- T2D risk	5'UTR
cg26964493	<i>IFT74</i>	chr9	0.80076633	+ T2D risk	5'UTR
cg26964493	<i>IFT74</i>	chr9	0.80076633	+ T2D risk	TSS1500
cg08518510	<i>TTC28</i>	chr22	0.800820976	+ T2D risk	Body
cg23125970	<i>COL4A1</i>	chr13	0.801203224	+ T2D risk	Body
cg18721397	<i>SUB1</i>	chr5	0.801382424	- T2D risk	TSS1500
cg14910790	<i>NPEPPS</i>	chr17	0.801419881	+ T2D risk	TSS1500
cg14519777	<i>CUX1</i>	chr7	0.801453466	- T2D risk	Body
cg15791559	<i>ANKHD1</i>	chr5	0.801453666	+ T2D risk	ExonBnd
cg15791559	<i>ANKHD1</i>	chr5	0.801453666	+ T2D risk	Body
cg14888493	<i>CPLX2</i>	chr5	0.801509824	+ T2D risk	5'UTR
cg02874900	<i>SLIT3</i>	chr5	0.801568125	- T2D risk	Body
cg24056669	<i>SGSM2</i>	chr17	0.801608884	+ T2D risk	Body
cg11323848	<i>CUX2</i>	chr12	0.801671655	+ T2D risk	Body
cg08275278	<i>DYNC111</i>	chr7	0.802157669	+ T2D risk	5'UTR
cg07733471	<i>CUX2</i>	chr12	0.802319171	- T2D risk	Body
cg24850711	<i>FLT1</i>	chr13	0.802335619	+ T2D risk	Body
cg08031829	<i>TSHZ1</i>	chr18	0.802461429	- T2D risk	5'UTR
cg08031829	<i>TSHZ1</i>	chr18	0.802461429	- T2D risk	Body
cg11345330	<i>KREMEN1</i>	chr22	0.802463084	+ T2D risk	Body
cg11297016	<i>TENM2</i>	chr5	0.802496603	+ T2D risk	Body
cg00491428	<i>PRKAG2</i>	chr7	0.802501217	+ T2D risk	Body
cg21769155	<i>SGSM2</i>	chr17	0.802525997	- T2D risk	Body
cg06243124	<i>PTPRU</i>	chr1	0.802546258	+ T2D risk	Body
cg21868056	<i>KREMEN1</i>	chr22	0.802662345	- T2D risk	Body
cg11213383	<i>SH3GL2</i>	chr9	0.802678724	+ T2D risk	Body
cg04706867	<i>CNTNAP2</i>	chr7	0.802838793	+ T2D risk	TSS1500
cg09922087	<i>TENM2</i>	chr5	0.802907582	- T2D risk	Body
cg18124764	<i>CUX1</i>	chr7	0.802924085	- T2D risk	Body
cg18041482	<i>NUP98</i>	chr11	0.802960646	+ T2D risk	TSS1500
cg24978636	<i>ARHGAP32</i>	chr11	0.803111207	+ T2D risk	Body
cg03151622	<i>ULK4</i>	chr3	0.803181706	+ T2D risk	Body
cg19160520	<i>ITPKB</i>	chr1	0.803227585	- T2D risk	TSS1500
cg05326984	<i>PLAGL1</i>	chr6	0.803267494	- T2D risk	TSS1500
cg05326984	<i>PLAGL1</i>	chr6	0.803267494	- T2D risk	5'UTR
cg03274401	<i>ZDHHC2</i>	chr8	0.80336455	- T2D risk	Body
cg05028306	<i>LAP3</i>	chr4	0.803373811	- T2D risk	TSS1500
cg10530190	<i>KDR</i>	chr4	0.803398891	- T2D risk	Body
cg16188466	<i>DNAH9</i>	chr17	0.803457103	- T2D risk	Body
cg15913875	<i>RTN4</i>	chr2	0.803469694	- T2D risk	3'UTR
cg01540916	<i>ASB9</i>	chrX	0.803541319	- T2D risk	TSS200
cg01540916	<i>ASB9</i>	chrX	0.803541319	- T2D risk	TSS1500
cg22702351	<i>PACRG</i>	chr6	0.803641639	+ T2D risk	Body
cg14071650	<i>LMX1B</i>	chr9	0.804033054	- T2D risk	Body
cg14649720	<i>SSBP2</i>	chr5	0.804157162	- T2D risk	Body
cg10456591	<i>NCOA2</i>	chr8	0.804218007	- T2D risk	5'UTR
cg18715189	<i>USP29</i>	chr19	0.804316557	+ T2D risk	TSS200
cg13353588	<i>ANK3</i>	chr10	0.804418413	- T2D risk	Body
cg11484283	<i>FNIP2</i>	chr4	0.804438784	- T2D risk	Body
cg05264454	<i>PDE5A</i>	chr4	0.804462974	- T2D risk	1stExon
cg05264454	<i>PDE5A</i>	chr4	0.804462974	- T2D risk	TSS1500
cg05264454	<i>PDE5A</i>	chr4	0.804462974	- T2D risk	5'UTR
cg22510091	<i>RAP1B</i>	chr12	0.80447684	- T2D risk	5'UTR
cg23954423	<i>RCAN2</i>	chr6	0.804627805	+ T2D risk	Body

cg15341071	BCAT1	chr12	0.804638855	- T2D risk	Body
cg10610949	DIP2C	chr10	0.80466381	+ T2D risk	Body
cg04850212	ATP8A2	chr13	0.804688204	- T2D risk	Body
cg14609854	PACRG	chr6	0.804762049	+ T2D risk	Body
cg22930505	PPFIBP1	chr12	0.804787395	- T2D risk	5'UTR
cg25444386	KDR	chr4	0.804929439	- T2D risk	Body
cg14086205	NOL4	chr18	0.805125961	- T2D risk	5'UTR
cg14086205	NOL4	chr18	0.805125961	- T2D risk	Body
cg19075506	SPOCK1	chr5	0.805228604	- T2D risk	Body
cg05868799	NCOA2	chr8	0.805258593	+ T2D risk	TSS1500
cg02270591	CADM1	chr11	0.805292742	+ T2D risk	Body
cg26393261	ATXN1	chr6	0.805323889	+ T2D risk	5'UTR
cg03550951	RGS7	chr1	0.805516702	+ T2D risk	Body
cg09419444	WWP2	chr16	0.805554637	- T2D risk	TSS200
cg09419444	WWP2	chr16	0.805554637	- T2D risk	Body
cg02772663	GRK5	chr10	0.80563543	+ T2D risk	Body
cg01884649	PPP1R12A	chr12	0.805649083	+ T2D risk	TSS1500
cg08501301	RAP1GAP2	chr17	0.805706963	+ T2D risk	Body
cg09361409	NQO1	chr16	0.805780595	+ T2D risk	5'UTR
cg09361409	NQO1	chr16	0.805780595	+ T2D risk	1stExon
cg08020273	RAP1GAP2	chr17	0.805786168	+ T2D risk	Body
cg12719548	DYNC1I1	chr7	0.80586954	+ T2D risk	TSS200
cg09982118	NCOR1	chr17	0.805912983	+ T2D risk	Body
cg18994831	WDR48	chr3	0.806037311	- T2D risk	Body
cg08021031	DIP2C	chr10	0.806040043	+ T2D risk	Body
cg26884261	MMS19	chr10	0.806045578	- T2D risk	TSS200
cg19801256	ITGA1	chr5	0.806273436	+ T2D risk	Body
cg01270273	TOP2A	chr17	0.806345256	- T2D risk	Body
cg06147887	ARID2	chr12	0.806367583	+ T2D risk	Body
cg04402875	RET	chr10	0.806463594	+ T2D risk	Body
cg27427207	ATP8A1	chr4	0.806510944	+ T2D risk	Body
cg12089350	DIP2C	chr10	0.806551874	- T2D risk	Body
cg27651321	ITPKB	chr1	0.806771544	- T2D risk	Body
cg08561821	SGSM2	chr17	0.806872627	+ T2D risk	1stExon
cg04867439	SPOCK1	chr5	0.807054535	- T2D risk	Body
cg23902454	TJP1	chr15	0.807100403	+ T2D risk	Body
cg23017850	ATXN1	chr6	0.807255757	- T2D risk	5'UTR
cg27478060	ATP2B1	chr12	0.80725982	- T2D risk	ExonBnd
cg27478060	ATP2B1	chr12	0.80725982	- T2D risk	Body
cg13051302	MEIS2	chr15	0.807314984	+ T2D risk	Body
cg19674166	PDLIM5	chr4	0.807371286	- T2D risk	Body
cg14072851	PACS1	chr11	0.807426863	+ T2D risk	Body
cg13888639	PRKAG2	chr7	0.807429447	- T2D risk	Body
cg13777294	ACSS2	chr20	0.807480929	+ T2D risk	Body
cg13777294	ACSS2	chr20	0.807480929	+ T2D risk	TSS1500
cg03452993	DIP2C	chr10	0.80751704	+ T2D risk	Body
cg06375042	ST6GAL1	chr3	0.807555727	+ T2D risk	5'UTR
cg27510901	DNAJC1	chr10	0.807651017	- T2D risk	TSS1500
cg23833009	PLEKHG3	chr14	0.807771361	+ T2D risk	5'UTR
cg21156006	LMX1B	chr9	0.807845953	- T2D risk	Body
cg26400938	ANK3	chr10	0.807900532	- T2D risk	TSS1500
cg26400938	ANK3	chr10	0.807900532	- T2D risk	Body
cg08793328	PLEKHG3	chr14	0.807926243	+ T2D risk	5'UTR
cg02648515	PRKCB	chr16	0.807979287	+ T2D risk	Body
cg07959068	PRKCB	chr16	0.807992137	+ T2D risk	Body
cg14078108	NOTCH3	chr19	0.808004868	+ T2D risk	Body
cg04841442	ACSS2	chr20	0.808280731	- T2D risk	TSS1500
cg04841442	ACSS2	chr20	0.808280731	- T2D risk	5'UTR
cg11281641	GAD1	chr2	0.808296981	- T2D risk	5'UTR
cg09238506	RNF217	chr6	0.808374515	+ T2D risk	Body
cg17418368	CRYL1	chr13	0.808492989	- T2D risk	Body
cg19026233	UNC80	chr2	0.808518706	+ T2D risk	Body
cg11903128	ATP6V1H	chr8	0.808569242	+ T2D risk	Body
cg04536319	DIP2C	chr10	0.808696003	+ T2D risk	Body
cg24603001	ULK4	chr3	0.808757787	- T2D risk	Body
cg25816160	EVI5	chr1	0.808818853	+ T2D risk	Body
cg11554529	SLC29A4	chr7	0.808886554	- T2D risk	Body
cg14635269	LMX1B	chr9	0.808918973	+ T2D risk	Body
cg15897624	CUX2	chr12	0.808959283	- T2D risk	Body
cg11860753	ST6GAL1	chr3	0.809102174	- T2D risk	5'UTR

cg04476019	AGPAT3	chr21	0.809110932	+ T2D risk	Body
cg18061035	KIAA0232	chr4	0.809290825	- T2D risk	TSS1500
cg01157600	TAB2	chr6	0.809500727	+ T2D risk	Body
cg18503829	DIP2C	chr10	0.809534179	+ T2D risk	Body
cg06108551	TSC22D1	chr13	0.809557748	+ T2D risk	Body
cg06108551	TSC22D1	chr13	0.809557748	+ T2D risk	5'UTR
cg08036343	ERC2	chr3	0.809636172	+ T2D risk	Body
cg00328523	ATP6V1H	chr8	0.809644239	- T2D risk	Body
cg04849508	GNA12	chr7	0.809659779	+ T2D risk	Body
cg01023982	ANKHD1	chr5	0.809790478	+ T2D risk	Body
cg03625426	TJP1	chr15	0.809889554	- T2D risk	Body
cg12938891	LMX1B	chr9	0.810034535	- T2D risk	Body
cg16467725	ATRNL1	chr10	0.810043543	- T2D risk	Body
cg09822356	PRKCE	chr2	0.81031958	- T2D risk	Body
cg22753057	ADCY5	chr3	0.810325604	- T2D risk	Body
cg07262540	TTC28	chr22	0.810345741	- T2D risk	Body
cg02659117	KIAA0232	chr4	0.810379431	- T2D risk	TSS1500
cg16656041	ZHX2	chr8	0.810399298	- T2D risk	5'UTR
cg16934360	PDLIM5	chr4	0.810408646	- T2D risk	5'UTR
cg16934360	PDLIM5	chr4	0.810408646	- T2D risk	Body
cg22043381	ZHX2	chr8	0.810518419	+ T2D risk	5'UTR
cg21951543	SRPK2	chr7	0.810835782	+ T2D risk	Body
cg12877169	MEIS2	chr15	0.811002076	- T2D risk	3'UTR
cg25592301	POC1B	chr12	0.811317501	- T2D risk	TSS200
cg25592301	POC1B	chr12	0.811317501	- T2D risk	TSS1500
cg07052063	MMS19	chr10	0.811403535	- T2D risk	Body
cg15568213	ZHX2	chr8	0.811426436	- T2D risk	5'UTR
cg24135946	TSC22D1	chr13	0.811459136	+ T2D risk	Body
cg24135946	TSC22D1	chr13	0.811459136	+ T2D risk	5'UTR
cg24135946	TSC22D1	chr13	0.811459136	+ T2D risk	1stExon
cg26059202	SPOCK1	chr5	0.811515682	- T2D risk	Body
cg06696564	ADCY5	chr3	0.811628455	- T2D risk	Body
cg27565556	USP53	chr4	0.811652358	+ T2D risk	5'UTR
cg24351167	PHACTR1	chr6	0.81167685	+ T2D risk	Body
cg18756426	PACRG	chr6	0.811686972	+ T2D risk	Body
cg26099468	NCOR1	chr17	0.811758825	+ T2D risk	Body
cg23752086	PDE3A	chr12	0.811818302	+ T2D risk	TSS200
cg05053955	CUX1	chr7	0.811846083	+ T2D risk	3'UTR
cg05053955	CUX1	chr7	0.811846083	+ T2D risk	Body
cg19340837	PACRG	chr6	0.811989421	- T2D risk	Body
cg17195002	COL4A1	chr13	0.812024143	- T2D risk	Body
cg09633353	RTN4	chr2	0.812136312	- T2D risk	Body
cg09633353	RTN4	chr2	0.812136312	- T2D risk	5'UTR
cg10451310	UXS1	chr2	0.812147229	+ T2D risk	TSS1500
cg21764708	PRKAG2	chr7	0.812260566	+ T2D risk	5'UTR
cg21764708	PRKAG2	chr7	0.812260566	+ T2D risk	Body
cg18685240	PLEKHG3	chr14	0.812280282	- T2D risk	Body
cg18685240	PLEKHG3	chr14	0.812280282	- T2D risk	ExonBnd
cg07709297	GLG1	chr16	0.812288385	- T2D risk	Body
cg01173642	ATXN1	chr6	0.812353721	+ T2D risk	Body
cg17141500	RSF1	chr11	0.812473732	+ T2D risk	TSS1500
cg13534394	ATXN1	chr6	0.812535323	+ T2D risk	5'UTR
cg00493362	KCNIP3	chr2	0.812566507	- T2D risk	Body
cg04738774	CALD1	chr7	0.812785569	- T2D risk	5'UTR
cg05313009	KREMEN1	chr22	0.812898993	+ T2D risk	TSS200
cg10599735	ITGA1	chr5	0.81321702	- T2D risk	Body
cg06059854	NCOA2	chr8	0.813221721	- T2D risk	5'UTR
cg17337477	MAN1A1	chr6	0.813284959	- T2D risk	Body
cg17426905	DDC	chr7	0.813403917	+ T2D risk	5'UTR
cg25130433	KDR	chr4	0.813683157	- T2D risk	TSS1500
cg01970818	ACTN4	chr19	0.813736749	+ T2D risk	Body
cg15039415	NPEPPS	chr17	0.81384164	+ T2D risk	Body
cg19278809	KIAA0232	chr4	0.813883796	- T2D risk	5'UTR
cg26598749	RRAGB	chrX	0.813928303	+ T2D risk	Body
cg25687929	ATP8A2	chr13	0.813948621	- T2D risk	Body
cg12055265	ANK2	chr4	0.814091601	- T2D risk	Body
cg10819495	PI15	chr8	0.814181819	- T2D risk	TSS1500
cg08194933	CLEC16A	chr16	0.814204631	- T2D risk	Body
cg00783080	ATP6V1H	chr8	0.814261646	- T2D risk	TSS1500
cg16509291	ATXN1	chr6	0.814299321	+ T2D risk	Body

cg20088478	STX6	chr1	0.814347646	- T2D risk	5'UTR
cg20088478	STX6	chr1	0.814347646	- T2D risk	Body
cg11570656	TSC22D1	chr13	0.814389555	- T2D risk	1stExon
cg08763063	CNTNAP2	chr7	0.814705855	- T2D risk	Body
cg20595750	DIP2C	chr10	0.8147438	+ T2D risk	Body
cg05320384	TBC1D5	chr3	0.814850671	- T2D risk	5'UTR
cg18315896	APC	chr5	0.814852718	+ T2D risk	TSS200
cg13212963	PACRG	chr6	0.814908804	+ T2D risk	Body
cg09232203	SRPK2	chr7	0.814947952	+ T2D risk	Body
cg25431929	PACRG	chr6	0.814957329	- T2D risk	Body
cg03396594	DNAJC13	chr3	0.815044996	- T2D risk	5'UTR
cg04114386	ATP8A1	chr4	0.815223989	- T2D risk	Body
cg18397450	PACS2	chr14	0.815241643	+ T2D risk	Body
cg22311879	NOTCH3	chr19	0.81528746	- T2D risk	Body
cg09564290	KDM4B	chr19	0.815366694	+ T2D risk	5'UTR
cg12072803	KDM4B	chr19	0.815404997	- T2D risk	TSS1500
cg10364896	CREBBP	chr16	0.815538714	- T2D risk	Body
cg17055304	ACTN4	chr19	0.81555796	- T2D risk	TSS1500
cg08331184	PRKCE	chr2	0.815780326	+ T2D risk	Body
cg15860633	SKAP1	chr17	0.815802433	+ T2D risk	Body
cg14909179	CHID1	chr11	0.815836159	- T2D risk	Body
cg21073930	MAST1	chr19	0.815891066	+ T2D risk	Body
cg17891423	INPP4A	chr2	0.81596132	- T2D risk	Body
cg15993383	ADCY5	chr3	0.816161949	+ T2D risk	TSS200
cg18004545	CUX1	chr7	0.816210345	- T2D risk	Body
cg19107055	DDC	chr7	0.816316564	- T2D risk	Body
cg23513337	KIAA1217	chr10	0.816322566	- T2D risk	ExonBnd
cg23513337	KIAA1217	chr10	0.816322566	- T2D risk	Body
cg25165908	CUX2	chr12	0.816331269	- T2D risk	Body
cg20553524	SLC7A2	chr8	0.816337912	+ T2D risk	Body
cg20553524	SLC7A2	chr8	0.816337912	+ T2D risk	5'UTR
cg20449769	RAP1GAP2	chr17	0.816352544	- T2D risk	Body
cg18440893	ATXN1	chr6	0.816380443	- T2D risk	5'UTR
cg17269169	DIP2C	chr10	0.816432892	+ T2D risk	Body
cg18633926	FAM160A1	chr4	0.816594738	+ T2D risk	Body
cg16253235	AGPAT3	chr21	0.816791422	+ T2D risk	5'UTR
cg16299038	NUP98	chr11	0.816829989	- T2D risk	Body
cg21396949	KIAA1217	chr10	0.817012823	- T2D risk	Body
cg06926026	SPAG9	chr17	0.817042343	- T2D risk	TSS1500
cg25582924	PACS2	chr14	0.817076598	- T2D risk	Body
cg12259742	DIP2C	chr10	0.817372609	- T2D risk	Body
cg27356296	CALD1	chr7	0.817404888	+ T2D risk	Body
cg05438837	CRYL1	chr13	0.817423427	- T2D risk	Body
cg01246435	CLEC16A	chr16	0.817474407	+ T2D risk	Body
cg20327444	COL4A1	chr13	0.817477287	+ T2D risk	TSS200
cg11033835	ROBO2	chr3	0.817540884	+ T2D risk	TSS1500
cg15834037	ITPKB	chr1	0.817549305	- T2D risk	Body
cg12817423	PPP1R12A	chr12	0.81772669	+ T2D risk	TSS200
cg12817423	PPP1R12A	chr12	0.81772669	+ T2D risk	TSS1500
cg25205758	PLAGL1	chr6	0.817732357	+ T2D risk	5'UTR
cg25205758	PLAGL1	chr6	0.817732357	+ T2D risk	1stExon
cg00814597	PLAGL1	chr6	0.817791004	+ T2D risk	TSS1500
cg19819206	NPAT	chr11	0.817865415	+ T2D risk	Body
cg10324909	KANTR	chrX	0.818022521	+ T2D risk	Body
cg22416376	SLC7A2	chr8	0.818095162	- T2D risk	5'UTR
cg22416376	SLC7A2	chr8	0.818095162	- T2D risk	TSS1500
cg01158469	WWP2	chr16	0.818103369	- T2D risk	Body
cg06084271	ERC2	chr3	0.818152672	- T2D risk	Body
cg03311849	PPP1R12A	chr12	0.818159916	- T2D risk	Body
cg03957751	ANK2	chr4	0.818165173	+ T2D risk	Body
cg18831688	TSHZ1	chr18	0.818189985	- T2D risk	5'UTR
cg18831688	TSHZ1	chr18	0.818189985	- T2D risk	Body
cg26874591	PACS1	chr11	0.818489275	- T2D risk	3'UTR
cg00937966	CUX2	chr12	0.818548819	+ T2D risk	Body
cg15125438	TPCN1	chr12	0.818747222	+ T2D risk	Body
cg02628286	GLG1	chr16	0.818792714	+ T2D risk	Body
cg09363017	CLIC5	chr6	0.818930731	- T2D risk	Body
cg03738154	JPH2	chr20	0.819013253	- T2D risk	Body
cg00950418	SRPK2	chr7	0.819065145	- T2D risk	Body
cg04985661	PHACTR1	chr6	0.819085962	- T2D risk	TSS1500

cg02514579	DIP2C	chr10	0.819117648	+ T2D risk	Body
cg22879191	CUX1	chr7	0.819227054	- T2D risk	Body
cg17866051	SGSM2	chr17	0.819247134	- T2D risk	Body
cg11401257	ITPKB	chr1	0.819289199	- T2D risk	TSS200
cg02479744	ATXN1	chr6	0.819318048	+ T2D risk	3'UTR
cg22237104	SPAG9	chr17	0.819609914	- T2D risk	Body
cg00025328	RBM4	chr11	0.819753343	- T2D risk	TSS1500
cg08314723	PACRG	chr6	0.819832643	- T2D risk	Body
cg00746006	TOP2A	chr17	0.819863781	- T2D risk	Body
cg22742992	INPP4A	chr2	0.820032076	- T2D risk	5'UTR
cg27584280	PPFIBP1	chr12	0.820038131	- T2D risk	5'UTR
cg12571155	ITPKB	chr1	0.820149845	+ T2D risk	Body
cg13786328	ANK3	chr10	0.820191547	+ T2D risk	Body
cg08409687	NDUFB3	chr2	0.820218264	+ T2D risk	TSS1500
cg12478381	SEZ6L	chr22	0.820322464	+ T2D risk	TSS1500
cg18928811	CLOCK	chr4	0.820496175	+ T2D risk	5'UTR
cg22375518	RANBP17	chr5	0.820553743	+ T2D risk	TSS200
cg15889847	PLEKHG3	chr14	0.820695752	- T2D risk	5'UTR
cg06065608	PACRG	chr6	0.820707845	- T2D risk	TSS200
cg06065608	PACRG	chr6	0.820707845	- T2D risk	TSS1500
cg07086947	PACS2	chr14	0.820745832	- T2D risk	Body
cg08929303	PFKFB2	chr1	0.82084046	- T2D risk	5'UTR
cg21629546	KIAA1217	chr10	0.820875324	- T2D risk	5'UTR
cg21629546	KIAA1217	chr10	0.820875324	- T2D risk	Body
cg26817217	TOX3	chr16	0.82089437	- T2D risk	5'UTR
cg26817217	TOX3	chr16	0.82089437	- T2D risk	TSS200
cg01442104	FNIP2	chr4	0.820929824	+ T2D risk	1stExon
cg01442104	FNIP2	chr4	0.820929824	+ T2D risk	5'UTR
cg09678315	NGF	chr1	0.821002387	+ T2D risk	5'UTR
cg22615330	PRKAG2	chr7	0.82120681	+ T2D risk	5'UTR
cg22615330	PRKAG2	chr7	0.82120681	+ T2D risk	Body
cg13951700	GRK5	chr10	0.821295001	+ T2D risk	Body
cg02611466	CUX1	chr7	0.821398055	- T2D risk	Body
cg02373908	CHID1	chr11	0.821880798	- T2D risk	5'UTR
cg16686816	RPGR	chrX	0.821963281	+ T2D risk	Body
cg14977256	DIP2C	chr10	0.822007781	- T2D risk	Body
cg23649619	TMEM131	chr2	0.822051289	- T2D risk	Body
cg16509445	CRYL1	chr13	0.82210486	+ T2D risk	Body
cg26783086	CNTNAP2	chr7	0.822114731	+ T2D risk	Body
cg15087178	ANK3	chr10	0.822267144	- T2D risk	Body
cg00096806	TANC2	chr17	0.822271272	- T2D risk	1stExon
cg05049329	ITPKB	chr1	0.82229948	+ T2D risk	Body
cg01778622	PDE5A	chr4	0.822353946	+ T2D risk	3'UTR
cg02413048	TENM2	chr5	0.822395483	- T2D risk	Body
cg24402323	GGPS1	chr1	0.822657102	+ T2D risk	TSS1500
cg22963133	ARL15	chr5	0.822694949	+ T2D risk	Body
cg14575697	ADCY5	chr3	0.822773593	- T2D risk	Body
cg04248461	DIP2C	chr10	0.822774681	- T2D risk	Body
cg22304838	NCOA2	chr8	0.822776265	- T2D risk	5'UTR
cg14803663	POC1B	chr12	0.822798833	+ T2D risk	TSS1500
cg14765383	GLG1	chr16	0.822849585	+ T2D risk	3'UTR
cg14765383	GLG1	chr16	0.822849585	+ T2D risk	Body
cg00859481	DYNC111	chr7	0.823009395	+ T2D risk	TSS1500
cg17294081	ATRN	chr20	0.823160985	- T2D risk	Body
cg13047822	PRKACB	chr1	0.823373193	- T2D risk	Body
cg24707189	SLC7A2	chr8	0.823439249	+ T2D risk	5'UTR
cg12964647	SKAP1	chr17	0.823486952	- T2D risk	Body
cg02867216	TSHZ1	chr18	0.823563757	- T2D risk	5'UTR
cg09031790	PRKCB	chr16	0.82358082	- T2D risk	Body
cg20494085	LAP3	chr4	0.823679744	- T2D risk	ExonBnd
cg20494085	LAP3	chr4	0.823679744	- T2D risk	Body
cg11786558	SGSM2	chr17	0.823723955	- T2D risk	Body
cg15911651	FBXL2	chr3	0.823880642	- T2D risk	3'UTR
cg27526761	MEIS2	chr15	0.823893344	- T2D risk	Body
cg07879785	CRYL1	chr13	0.823952617	+ T2D risk	Body
cg03582574	ARPP19	chr15	0.824030208	+ T2D risk	TSS1500
cg03582574	ARPP19	chr15	0.824030208	+ T2D risk	TSS200
cg17705631	GNA12	chr7	0.82411054	+ T2D risk	Body
cg15965422	ATP6V1H	chr8	0.824232775	- T2D risk	Body
cg06375706	ANK3	chr10	0.824234979	- T2D risk	ExonBnd

cg06375706	ANK3	chr10	0.824234979	- T2D risk	Body
cg24843474	RGS7	chr1	0.824306365	+ T2D risk	TSS200
cg17390821	TAB2	chr6	0.824314971	+ T2D risk	Body
cg21898465	TPCN1	chr12	0.824427379	- T2D risk	Body
cg21526357	RAP1GAP2	chr17	0.824542431	- T2D risk	TSS1500
cg14178352	ATP8A2	chr13	0.824579485	+ T2D risk	Body
cg09753973	TTC28	chr22	0.824701812	+ T2D risk	Body
cg27568860	HNRNPA2B1	chr7	0.824712497	+ T2D risk	TSS1500
cg12443256	FNIP2	chr4	0.824806449	- T2D risk	Body
cg14745370	RAP1GAP2	chr17	0.824839916	- T2D risk	Body
cg18361081	SKAP1	chr17	0.824860074	+ T2D risk	Body
cg23357250	DNAH9	chr17	0.824989187	- T2D risk	TSS1500
cg13485454	CPLX2	chr5	0.825028653	- T2D risk	5'UTR
cg10178523	FNIP2	chr4	0.825039095	- T2D risk	ExonBnd
cg10178523	FNIP2	chr4	0.825039095	- T2D risk	Body
cg23233631	MGRN1	chr16	0.825052316	+ T2D risk	Body
cg18000216	ERC2	chr3	0.825115175	+ T2D risk	3'UTR
cg16844053	CUL1	chr7	0.825124196	+ T2D risk	5'UTR
cg22992099	NF1	chr17	0.825268591	+ T2D risk	Body
cg23861625	ZRANB1	chr10	0.825271905	+ T2D risk	Body
cg05677391	RNF217	chr6	0.82540815	+ T2D risk	Body
cg17150794	SKAP1	chr17	0.825409943	- T2D risk	Body
cg02242239	PRKCE	chr2	0.825427164	+ T2D risk	Body
cg01814095	CADM1	chr11	0.825528876	- T2D risk	Body
cg14168939	CHFR	chr12	0.825660883	- T2D risk	3'UTR
cg20046875	ARIH1	chr15	0.825814675	- T2D risk	TSS200
cg07433228	TTC28	chr22	0.825850483	+ T2D risk	Body
cg00443596	NOL4	chr18	0.825931402	- T2D risk	Body
cg00443596	NOL4	chr18	0.825931402	- T2D risk	TSS200
cg17886162	SMG7	chr1	0.825984934	+ T2D risk	TSS1500
cg11823214	NUF2	chr1	0.825987769	+ T2D risk	TSS1500
cg25339433	ULK4	chr3	0.825992896	- T2D risk	Body
cg17171920	MEIS2	chr15	0.826044692	- T2D risk	Body
cg26059790	PRKD1	chr14	0.8260542	+ T2D risk	Body
cg10879507	PRKD1	chr14	0.82616251	+ T2D risk	Body
cg18169186	ARPP19	chr15	0.82655905	+ T2D risk	TSS1500
cg18169186	ARPP19	chr15	0.82655905	+ T2D risk	5'UTR
cg18169186	ARPP19	chr15	0.82655905	+ T2D risk	1stExon
cg18169186	ARPP19	chr15	0.82655905	+ T2D risk	TSS200
cg12167688	RAP1GAP2	chr17	0.826630099	+ T2D risk	Body
cg00200803	CDH22	chr20	0.826668285	- T2D risk	Body
cg12703853	ATXN1	chr6	0.826740353	- T2D risk	5'UTR
cg17132972	TANC2	chr17	0.826812605	+ T2D risk	Body
cg02489228	TMEM131	chr2	0.826827953	+ T2D risk	Body
cg13948104	PDE3A	chr12	0.826904561	+ T2D risk	Body
cg25683358	KIAA1217	chr10	0.826939216	+ T2D risk	Body
cg20571284	APC	chr5	0.826973153	- T2D risk	Body
cg03561491	PACS2	chr14	0.82705511	+ T2D risk	ExonBnd
cg03561491	PACS2	chr14	0.82705511	+ T2D risk	Body
cg10283188	PHF21A	chr11	0.827250841	+ T2D risk	Body
cg01694939	CHID1	chr11	0.827389299	- T2D risk	Body
cg20269607	PRKAG2	chr7	0.827422793	- T2D risk	5'UTR
cg20269607	PRKAG2	chr7	0.827422793	- T2D risk	Body
cg21340782	KREMEN1	chr22	0.827445636	- T2D risk	Body
cg08261634	PRKCB	chr16	0.827448268	- T2D risk	Body
cg08365466	PTP4A2	chr1	0.827468654	- T2D risk	5'UTR
cg08365466	PTP4A2	chr1	0.827468654	- T2D risk	TSS200
cg03295998	PRKCE	chr2	0.827486356	+ T2D risk	Body
cg14884696	NPEPPS	chr17	0.827495685	- T2D risk	Body
cg05949569	FAM160A1	chr4	0.827767233	- T2D risk	Body
cg25553638	CUX2	chr12	0.827883737	- T2D risk	Body
cg22993535	TMEM150C	chr4	0.827981946	- T2D risk	TSS1500
cg07266412	CUX1	chr7	0.827984414	- T2D risk	Body
cg18197263	JPH2	chr20	0.828309644	- T2D risk	Body
cg18128115	PRKCB	chr16	0.828318324	+ T2D risk	Body
cg14518607	SLIT3	chr5	0.828327828	+ T2D risk	Body
cg18194343	TSC22D1	chr13	0.828421238	- T2D risk	TSS1500
cg18194343	TSC22D1	chr13	0.828421238	- T2D risk	Body
cg20428768	SPOCK1	chr5	0.828699956	- T2D risk	Body
cg18398753	STX6	chr1	0.828735377	+ T2D risk	Body

cg24776142	ATXN1	chr6	0.828787381	+ T2D risk	5'UTR
cg26570476	KIAA0355	chr19	0.828837931	- T2D risk	Body
cg14196195	CHFR	chr12	0.829004347	+ T2D risk	Body
cg13736004	BCAT1	chr12	0.829233244	- T2D risk	Body
cg13661109	LMX1B	chr9	0.829245536	+ T2D risk	Body
cg17493489	CNTNAP2	chr7	0.829384419	- T2D risk	Body
cg15673616	CUX1	chr7	0.829522269	+ T2D risk	Body
cg11732257	GGPS1	chr1	0.82955906	- T2D risk	5'UTR
cg11732257	GGPS1	chr1	0.82955906	- T2D risk	1stExon
cg04029168	PRKCB	chr16	0.829601585	+ T2D risk	Body
cg23517600	ERC2	chr3	0.829658793	+ T2D risk	Body
cg22913584	SSBP2	chr5	0.829714542	- T2D risk	Body
cg04865026	NDUFB3	chr2	0.82976526	+ T2D risk	5'UTR
cg04865026	NDUFB3	chr2	0.82976526	+ T2D risk	1stExon
cg12030351	ITPKB	chr1	0.829807734	+ T2D risk	Body
cg24702106	PRKAG2	chr7	0.829925218	+ T2D risk	Body
cg21656748	SCARB2	chr4	0.829931477	- T2D risk	TSS1500
cg00376464	PACRG	chr6	0.829980845	- T2D risk	Body
cg05915447	KIAA1109	chr4	0.829990095	- T2D risk	Body
cg09340842	ATXN1	chr6	0.829998042	- T2D risk	5'UTR
cg09340842	ATXN1	chr6	0.829998042	- T2D risk	ExonBnd
cg22075956	PPP1R12A	chr12	0.830004437	- T2D risk	Body
cg11911122	NCOA2	chr8	0.830085835	+ T2D risk	TSS1500
cg24853765	WDR47	chr1	0.83013999	- T2D risk	TSS200
cg09643539	ARL15	chr5	0.830201233	- T2D risk	Body
cg05360064	JPH2	chr20	0.830371467	- T2D risk	Body
cg17208484	CADM1	chr11	0.830445537	+ T2D risk	Body
cg07261828	KCNIP3	chr2	0.830496374	+ T2D risk	Body
cg15084269	STX6	chr1	0.83049933	- T2D risk	TSS1500
cg02466617	GRK5	chr10	0.830511505	+ T2D risk	Body
cg01253289	PTPRU	chr1	0.830545424	- T2D risk	Body
cg18423456	FNIP2	chr4	0.830726977	- T2D risk	Body
cg11797949	DNAH9	chr17	0.830927618	+ T2D risk	TSS200
cg17963799	ATP8A2	chr13	0.830968347	+ T2D risk	Body
cg07119224	FBXL2	chr3	0.831000213	+ T2D risk	Body
cg14548590	ST6GAL1	chr3	0.831188279	+ T2D risk	TSS1500
cg04474876	NCOA7	chr6	0.831391453	+ T2D risk	5'UTR
cg04474876	NCOA7	chr6	0.831391453	+ T2D risk	Body
cg00190738	APC	chr5	0.831403872	- T2D risk	TSS1500
cg14733103	CUX2	chr12	0.831422421	+ T2D risk	Body
cg09304624	PI15	chr8	0.831476902	+ T2D risk	TSS1500
cg13353646	GNA12	chr7	0.831477963	- T2D risk	Body
cg13353646	GNA12	chr7	0.831477963	- T2D risk	TSS1500
cg00308222	GLG1	chr16	0.831561512	+ T2D risk	Body
cg25436766	UXS1	chr2	0.831632256	+ T2D risk	Body
cg21508482	AGPAT3	chr21	0.831660368	+ T2D risk	5'UTR
cg14436056	ATP6V1H	chr8	0.831772844	- T2D risk	Body
cg11481461	RGS7	chr1	0.831939503	+ T2D risk	Body
cg20581632	PCYT1A	chr3	0.831977396	+ T2D risk	TSS200
cg10689740	ZHX2	chr8	0.832097013	- T2D risk	5'UTR
cg18718410	NOTCH3	chr19	0.832125448	- T2D risk	Body
cg27059302	TANC2	chr17	0.832253572	+ T2D risk	Body
cg14311225	IFT74	chr9	0.83226848	- T2D risk	5'UTR
cg04020747	INPP4A	chr2	0.832306354	+ T2D risk	Body
cg24385954	NCOA7	chr6	0.83231494	- T2D risk	5'UTR
cg24385954	NCOA7	chr6	0.83231494	- T2D risk	Body
cg03898321	PRKCB	chr16	0.832347618	+ T2D risk	Body
cg12993838	PACRG	chr6	0.832400966	- T2D risk	Body
cg21143127	KIAA1217	chr10	0.832416544	- T2D risk	Body
cg20654074	DLL4	chr15	0.832468789	+ T2D risk	Body
cg14350146	CLIC5	chr6	0.832482335	+ T2D risk	Body
cg00279406	ITPKB	chr1	0.832789874	- T2D risk	Body
cg20859896	ATXN1	chr6	0.83284541	- T2D risk	5'UTR
cg23497707	APC	chr5	0.832997424	- T2D risk	5'UTR
cg19495351	UNC80	chr2	0.833053951	+ T2D risk	Body
cg12669865	ANK3	chr10	0.833096872	- T2D risk	TSS200
cg12669865	ANK3	chr10	0.833096872	- T2D risk	Body
cg09658930	MYO6	chr6	0.833214925	- T2D risk	TSS1500
cg24661126	PRKCE	chr2	0.833261593	- T2D risk	Body
cg08570034	CPLX2	chr5	0.83330198	+ T2D risk	5'UTR

cg14865585	AGPAT3	chr21	0.833385888	- T2D risk	5'UTR
cg16818372	SKAP1	chr17	0.83387955	+ T2D risk	Body
cg01737581	ARID2	chr12	0.833940951	- T2D risk	TSS200
cg13676849	PRKD1	chr14	0.833974316	- T2D risk	Body
cg22289810	NF1	chr17	0.833983613	- T2D risk	TSS1500
cg17613101	RAP1GAP2	chr17	0.834027714	+ T2D risk	Body
cg03445435	GALK2	chr15	0.83404808	- T2D risk	Body
cg07219766	PHF21A	chr11	0.834057583	+ T2D risk	Body
cg20028891	ANK2	chr4	0.834119009	- T2D risk	5'UTR
cg11413133	KCNJ12	chr17	0.834169219	- T2D risk	5'UTR
cg00210612	SLC30A8	chr8	0.834225221	+ T2D risk	5'UTR
cg18712514	PTP4A2	chr1	0.834248561	+ T2D risk	5'UTR
cg03624140	APBA1	chr9	0.834346522	+ T2D risk	Body
cg00242233	ARHGEF9	chrX	0.834376556	+ T2D risk	Body
cg10344245	ANK2	chr4	0.834461924	+ T2D risk	Body
cg05944877	PRKCB	chr16	0.834475989	- T2D risk	Body
cg19136717	ARIH1	chr15	0.834613232	+ T2D risk	5'UTR
cg19136717	ARIH1	chr15	0.834613232	+ T2D risk	1stExon
cg15701440	WDR47	chr1	0.834650747	+ T2D risk	5'UTR
cg15701440	WDR47	chr1	0.834650747	+ T2D risk	1stExon
cg21504240	KCNJ12	chr17	0.834756123	+ T2D risk	TSS1500
cg05165989	ASXL2	chr2	0.834774113	- T2D risk	5'UTR
cg05165989	ASXL2	chr2	0.834774113	- T2D risk	1stExon
cg23329241	ATXN1	chr6	0.834869363	- T2D risk	5'UTR
cg08547200	PLAGL1	chr6	0.834873547	+ T2D risk	5'UTR
cg03008851	PRKD1	chr14	0.834900175	- T2D risk	Body
cg02573152	ANK3	chr10	0.834930199	- T2D risk	Body
cg25318189	GNA12	chr7	0.834953078	+ T2D risk	Body
cg20166548	NF1	chr17	0.834984463	- T2D risk	Body
cg05166871	SKAP1	chr17	0.835038538	+ T2D risk	Body
cg01791232	KREMEN1	chr22	0.835060742	- T2D risk	Body
cg11552773	KIAA0355	chr19	0.835108328	+ T2D risk	3'UTR
cg05729743	PACRG	chr6	0.83521933	- T2D risk	Body
cg17142149	RCAN2	chr6	0.835221254	+ T2D risk	Body
cg02372271	CHID1	chr11	0.835450299	- T2D risk	Body
cg18272307	RNF157	chr17	0.835507396	+ T2D risk	Body
cg18698096	PLEKHG3	chr14	0.835655724	- T2D risk	5'UTR
cg22904179	ERC2	chr3	0.835720601	- T2D risk	3'UTR
cg13808500	NF1	chr17	0.835727184	+ T2D risk	Body
cg26376835	PACS2	chr14	0.835925514	+ T2D risk	Body
cg22589844	ARID2	chr12	0.836072764	+ T2D risk	Body
cg02580528	SMG7	chr1	0.836113561	+ T2D risk	TSS1500
cg15778350	NUF2	chr1	0.836131015	+ T2D risk	5'UTR
cg15778350	NUF2	chr1	0.836131015	+ T2D risk	1stExon
cg14710896	KIAA1217	chr10	0.836200717	+ T2D risk	Body
cg08694050	ATP6V1A	chr3	0.836371128	+ T2D risk	5'UTR
cg12937636	TBC1D5	chr3	0.836456924	+ T2D risk	Body
cg07995924	CTR9	chr11	0.836528102	- T2D risk	TSS1500
cg04141008	CREBBP	chr16	0.836626201	+ T2D risk	Body
cg13323828	DIP2C	chr10	0.836645165	+ T2D risk	Body
cg23141689	KIAA0355	chr19	0.836750104	+ T2D risk	5'UTR
cg22902550	SPOCK1	chr5	0.836753958	+ T2D risk	Body
cg04680247	ASXL2	chr2	0.83717473	+ T2D risk	Body
cg27477079	KCNJ18	chr17	0.837182075	+ T2D risk	TSS1500
cg27477079	KCNJ12	chr17	0.837182075	+ T2D risk	5'UTR
cg15562444	PDE3A	chr12	0.837188235	+ T2D risk	Body
cg05655742	COX6A1	chr12	0.837198344	- T2D risk	TSS200
cg10345930	HMBX1	chr8	0.837485932	- T2D risk	Body
cg18115406	LMX1B	chr9	0.837531452	+ T2D risk	TSS200
cg14343446	NCOA7	chr6	0.837553725	+ T2D risk	Body
cg05274128	ASH1L	chr1	0.837618732	- T2D risk	Body
cg06768138	ARPP19	chr15	0.837818656	- T2D risk	Body
cg01996082	DIP2C	chr10	0.837908055	+ T2D risk	Body
cg13412433	TJP1	chr15	0.838007491	+ T2D risk	TSS1500
cg13412433	TJP1	chr15	0.838007491	+ T2D risk	Body
cg26708220	MEIS2	chr15	0.838010029	- T2D risk	Body
cg03264728	RHBDD1	chr2	0.838043884	- T2D risk	Body
cg25033325	TMEM131	chr2	0.83806497	+ T2D risk	TSS1500
cg00437794	TAB2	chr6	0.838095255	+ T2D risk	5'UTR
cg00437794	TAB2	chr6	0.838095255	+ T2D risk	Body

cg05786241	CNTROB	chr17	0.838223751	- T2D risk	Body
cg13939640	RNF217	chr6	0.838335087	- T2D risk	TSS1500
cg13939640	RNF217	chr6	0.838335087	- T2D risk	Body
cg07427926	WWP2	chr16	0.838335357	- T2D risk	Body
cg17296165	SPPL2A	chr15	0.838358823	+ T2D risk	Body
cg09015385	NCOA7	chr6	0.838371037	+ T2D risk	TSS200
cg09015385	NCOA7	chr6	0.838371037	+ T2D risk	Body
cg05941998	KIAA1217	chr10	0.838433147	+ T2D risk	5'UTR
cg07409227	RHOA	chr3	0.838546677	+ T2D risk	5'UTR
cg04701243	CDK8	chr13	0.83859748	+ T2D risk	TSS1500
cg18016034	ANK3	chr10	0.838623799	- T2D risk	1stExon
cg18016034	ANK3	chr10	0.838623799	- T2D risk	5'UTR
cg18016034	ANK3	chr10	0.838623799	- T2D risk	Body
cg06638568	PACRG	chr6	0.83869407	+ T2D risk	Body
cg12110710	GALK2	chr15	0.83899833	+ T2D risk	Body
cg06700061	NCOA7	chr6	0.839002875	- T2D risk	5'UTR
cg26911562	EIF4EBP3	chr5	0.839096032	- T2D risk	TSS200
cg16322388	TSHZ1	chr18	0.839265166	- T2D risk	5'UTR
cg16322388	TSHZ1	chr18	0.839265166	- T2D risk	Body
cg24836396	ASH1L	chr1	0.839329803	+ T2D risk	Body
cg13662195	TAB2	chr6	0.839428865	- T2D risk	TSS1500
cg13662195	TAB2	chr6	0.839428865	- T2D risk	Body
cg13566648	PHACTR1	chr6	0.83944371	+ T2D risk	Body
cg02437464	SRPK2	chr7	0.839492422	+ T2D risk	Body
cg22960449	ARL15	chr5	0.83990723	+ T2D risk	Body
cg23071947	NCOA7	chr6	0.839978222	- T2D risk	5'UTR
cg23071947	NCOA7	chr6	0.839978222	- T2D risk	Body
cg15934141	PACS2	chr14	0.840104997	- T2D risk	5'UTR
cg15934141	PACS2	chr14	0.840104997	- T2D risk	Body
cg26983360	ASH1L	chr1	0.840136642	- T2D risk	Body
cg20024816	PRKCE	chr2	0.840181442	+ T2D risk	Body
cg13424617	MYO6	chr6	0.840187588	+ T2D risk	5'UTR
cg00915206	GAD1	chr2	0.840349249	+ T2D risk	1stExon
cg00915206	GAD1	chr2	0.840349249	+ T2D risk	5'UTR
cg10585510	CLIC5	chr6	0.840369879	- T2D risk	Body
cg06734250	NOL4	chr18	0.840471615	- T2D risk	Body
cg13566979	TBC1D5	chr3	0.840509877	- T2D risk	5'UTR
cg04887675	COL4A1	chr13	0.840938995	+ T2D risk	Body
cg26570448	SLIT3	chr5	0.841048511	- T2D risk	TSS1500
cg09392443	GAD1	chr2	0.841058201	+ T2D risk	TSS1500
cg14006005	PICALM	chr11	0.841089444	- T2D risk	TSS1500
cg14141459	SRPK2	chr7	0.841363515	+ T2D risk	TSS1500
cg14850477	DACH1	chr13	0.84140581	+ T2D risk	Body
cg22922637	ATXN1	chr6	0.841471921	+ T2D risk	5'UTR
cg26098762	PDE7A	chr8	0.841709343	+ T2D risk	Body
cg06225037	PACRG	chr6	0.842020608	- T2D risk	Body
cg13845149	NGF	chr1	0.842146691	- T2D risk	5'UTR
cg18942298	JPH2	chr20	0.842190453	- T2D risk	Body
cg15903658	RGS7	chr1	0.842285097	+ T2D risk	Body
cg08746290	SRPK2	chr7	0.842395027	+ T2D risk	Body
cg08944961	CUX2	chr12	0.842515727	- T2D risk	Body
cg12177222	ANKHD1	chr5	0.842655674	- T2D risk	Body
cg13851956	RET	chr10	0.842707644	- T2D risk	TSS200
cg06846733	SCGN	chr6	0.842843309	+ T2D risk	Body
cg13332359	SCGN	chr6	0.842883202	+ T2D risk	Body
cg08587444	PRKCE	chr2	0.842895364	- T2D risk	Body
cg03340365	DIP2C	chr10	0.842923347	+ T2D risk	Body
cg08271180	EFR3A	chr8	0.843057127	+ T2D risk	Body
cg06559874	SPAG9	chr17	0.843089357	+ T2D risk	TSS200
cg15727759	DIP2C	chr10	0.843176153	- T2D risk	Body
cg08161001	ITGB1	chr10	0.843323654	+ T2D risk	TSS1500
cg08161001	ITGB1	chr10	0.843323654	+ T2D risk	5'UTR
cg02420943	INPP4A	chr2	0.843440424	- T2D risk	5'UTR
cg07901839	WIZ	chr19	0.843560521	- T2D risk	Body
cg20098875	KDM4B	chr19	0.843605953	+ T2D risk	Body
cg18404559	PRKAG2	chr7	0.843633698	- T2D risk	Body
cg02904779	ATP2B1	chr12	0.843656729	- T2D risk	TSS1500
cg12041213	POC1B	chr12	0.843677826	- T2D risk	Body
cg05257483	AGPAT3	chr21	0.843689614	- T2D risk	5'UTR
cg17651625	ACTN4	chr19	0.843858757	+ T2D risk	Body

cg08732418	DLL4	chr15	0.844013912	- T2D risk	Body
cg12106634	NPAT	chr11	0.844019438	- T2D risk	Body
cg07700603	AMD1	chr6	0.844089745	- T2D risk	5'UTR
cg09362918	CNTNAP2	chr7	0.844108031	- T2D risk	Body
cg00950947	DIP2C	chr10	0.844131669	+ T2D risk	Body
cg26201109	ERC2	chr3	0.844563803	- T2D risk	Body
cg02006099	PLAGL1	chr6	0.844610609	- T2D risk	5'UTR
cg06835752	KIAA1217	chr10	0.844657766	+ T2D risk	Body
cg00769520	ST8SIA1	chr12	0.844699182	+ T2D risk	TSS1500
cg21288249	WWP2	chr16	0.844700845	+ T2D risk	5'UTR
cg21288249	WWP2	chr16	0.844700845	+ T2D risk	Body
cg19597230	FARSB	chr2	0.844725395	+ T2D risk	Body
cg12977317	SCAF8	chr6	0.844751837	+ T2D risk	Body
cg09719580	COL4A1	chr13	0.844752001	- T2D risk	Body
cg26034624	MEIS2	chr15	0.844808676	+ T2D risk	Body
cg00455216	TOX3	chr16	0.844910869	- T2D risk	5'UTR
cg00455216	TOX3	chr16	0.844910869	- T2D risk	Body
cg00313642	PCYT1A	chr3	0.845133483	+ T2D risk	TSS200
cg00776381	EVI5	chr1	0.845245705	+ T2D risk	Body
cg26781797	DYNC1I2	chr2	0.845253306	- T2D risk	Body
cg26529376	KCNIP3	chr2	0.845293	+ T2D risk	Body
cg26529376	KCNIP3	chr2	0.845293	+ T2D risk	TSS1500
cg13541882	RNF157	chr17	0.845311949	+ T2D risk	Body
cg19012384	PPP1R12A	chr12	0.845407023	- T2D risk	Body
cg18264803	ACSS2	chr20	0.845484853	+ T2D risk	Body
cg18264803	ACSS2	chr20	0.845484853	+ T2D risk	5'UTR
cg18264803	ACSS2	chr20	0.845484853	+ T2D risk	1stExon
cg20123403	COL4A1	chr13	0.845486567	- T2D risk	Body
cg03787245	CUX1	chr7	0.845625838	+ T2D risk	Body
cg04595004	CRYL1	chr13	0.845643195	+ T2D risk	Body
cg12552823	NCOA2	chr8	0.845768237	- T2D risk	5'UTR
cg21911584	ACTN4	chr19	0.845841143	+ T2D risk	Body
cg26982181	PACRG	chr6	0.845949865	- T2D risk	Body
cg20360704	ANK2	chr4	0.845964212	- T2D risk	TSS200
cg08354567	SPOCK1	chr5	0.845987585	- T2D risk	Body
cg03973705	PRKCB	chr16	0.84602776	- T2D risk	Body
cg04392320	LMX1B	chr9	0.846086782	+ T2D risk	TSS1500
cg26924465	ITGA1	chr5	0.846116234	- T2D risk	Body
cg06272611	FLT1	chr13	0.846137945	+ T2D risk	Body
cg22755301	SCAF11	chr12	0.846304405	- T2D risk	Body
cg11978881	ULK4	chr3	0.846658985	+ T2D risk	Body
cg01560122	TSC22D1	chr13	0.846675503	- T2D risk	1stExon
cg01560122	TSC22D1	chr13	0.846675503	- T2D risk	5'UTR
cg01560122	TSC22D1	chr13	0.846675503	- T2D risk	Body
cg06493166	PLAGL1	chr6	0.846690794	- T2D risk	TSS1500
cg00015791	NOL4	chr18	0.84680898	+ T2D risk	5'UTR
cg00015791	NOL4	chr18	0.84680898	+ T2D risk	Body
cg00015791	NOL4	chr18	0.84680898	+ T2D risk	1stExon
cg04112969	INPP4A	chr2	0.846889457	- T2D risk	Body
cg15050139	ITPKB	chr1	0.846971809	- T2D risk	Body
cg06857898	CUX2	chr12	0.847101218	+ T2D risk	Body
cg10470524	GALK2	chr15	0.847160601	+ T2D risk	Body
cg10470524	GALK2	chr15	0.847160601	+ T2D risk	TSS200
cg17019616	SKAP1	chr17	0.847238386	+ T2D risk	Body
cg13935270	HMBBOX1	chr8	0.847495489	+ T2D risk	5'UTR
cg14654822	WDR47	chr1	0.847566428	+ T2D risk	TSS200
cg11328270	RTN4	chr2	0.847734326	+ T2D risk	Body
cg13456960	KDM4B	chr19	0.847750563	- T2D risk	Body
cg04998423	ATXN1	chr6	0.84783155	- T2D risk	5'UTR
cg23525657	ANKHD1	chr5	0.847832247	- T2D risk	Body
cg11650874	CHID1	chr11	0.847991304	+ T2D risk	5'UTR
cg12789951	GRK5	chr10	0.847997096	+ T2D risk	TSS1500
cg03740132	CNTNAP2	chr7	0.848249748	+ T2D risk	Body
cg26510027	MMS19	chr10	0.848363705	- T2D risk	TSS1500
cg15215077	MAN1A1	chr6	0.848565621	+ T2D risk	Body
cg04737350	PPP1R12A	chr12	0.848643401	+ T2D risk	Body
cg08416875	MAN1A1	chr6	0.848908376	- T2D risk	Body
cg24076515	ATXN1	chr6	0.848934053	- T2D risk	5'UTR
cg08823305	ATRN	chr20	0.84899613	- T2D risk	TSS1500
cg02054390	ERC2	chr3	0.849549526	+ T2D risk	Body

cg16906456	SLC7A2	chr8	0.849666113	+ T2D risk	5'UTR
cg16906456	SLC7A2	chr8	0.849666113	+ T2D risk	TSS1500
cg18472392	KCNIP3	chr2	0.84974746	- T2D risk	Body
cg09762515	CUX1	chr7	0.849930773	- T2D risk	Body
cg19137098	CHFR	chr12	0.850097027	- T2D risk	5'UTR
cg03840678	WWP2	chr16	0.850225835	+ T2D risk	3'UTR
cg26341283	PRKAG2	chr7	0.850379836	- T2D risk	5'UTR
cg26341283	PRKAG2	chr7	0.850379836	- T2D risk	Body
cg07869135	ZHX2	chr8	0.850382362	- T2D risk	5'UTR
cg07665134	DIP2C	chr10	0.850411122	- T2D risk	Body
cg14164032	MET	chr7	0.850466728	+ T2D risk	3'UTR
cg12376289	MTHFS	chr15	0.850525456	- T2D risk	Body
cg12376289	MTHFS	chr15	0.850525456	- T2D risk	3'UTR
cg02130040	LMCD1	chr3	0.850627754	- T2D risk	5'UTR
cg02130040	LMCD1	chr3	0.850627754	- T2D risk	1stExon
cg22601415	ANK3	chr10	0.850660895	+ T2D risk	TSS200
cg22601415	ANK3	chr10	0.850660895	+ T2D risk	Body
cg16931969	ANK2	chr4	0.850783036	- T2D risk	Body
cg10735623	ZHX2	chr8	0.850793994	+ T2D risk	5'UTR
cg25600766	ST8SIA1	chr12	0.850920369	+ T2D risk	Body
cg06069278	SLC7A2	chr8	0.850927093	+ T2D risk	5'UTR
cg20135031	ANK3	chr10	0.851139866	- T2D risk	TSS1500
cg25554716	UBE2K	chr4	0.851170503	+ T2D risk	Body
cg27125203	PDE7A	chr8	0.851282962	+ T2D risk	TSS1500
cg18863912	AGPAT3	chr21	0.851370485	- T2D risk	5'UTR
cg07729875	CUX2	chr12	0.85138133	- T2D risk	Body
cg14341467	GRK5	chr10	0.851387547	+ T2D risk	Body
cg02924237	ATRNL1	chr10	0.851412212	- T2D risk	ExonBnd
cg02924237	ATRNL1	chr10	0.851412212	- T2D risk	Body
cg03151747	LAMA4	chr6	0.851427931	- T2D risk	Body
cg04221159	RGS7	chr1	0.85156522	+ T2D risk	5'UTR
cg21249366	LMX1B	chr9	0.851574212	+ T2D risk	Body
cg22563672	PACS2	chr14	0.851938493	+ T2D risk	Body
cg00380376	SH3GL2	chr9	0.851983894	- T2D risk	Body
cg00153934	LCA5	chr6	0.852039797	+ T2D risk	TSS200
cg16942135	DIP2C	chr10	0.852059022	+ T2D risk	Body
cg21119678	SLIT3	chr5	0.852147252	+ T2D risk	Body
cg05480683	RANBP17	chr5	0.852194621	- T2D risk	Body
cg09708506	TAB2	chr6	0.852277613	- T2D risk	Body
cg12848864	NPAT	chr11	0.85238094	+ T2D risk	Body
cg10777666	DIP2C	chr10	0.852381016	- T2D risk	Body
cg13181164	MEIS2	chr15	0.852460569	- T2D risk	Body
cg24333406	ATP6V1H	chr8	0.852540227	+ T2D risk	TSS1500
cg12903638	UNC80	chr2	0.85254229	- T2D risk	TSS1500
cg02522952	MAN1A1	chr6	0.852587363	+ T2D risk	TSS1500
cg08723742	PACRG	chr6	0.852629185	+ T2D risk	Body
cg01246398	ADCY5	chr3	0.852643041	- T2D risk	Body
cg19010490	MEIS2	chr15	0.852661084	- T2D risk	Body
cg06081482	NPAT	chr11	0.852716036	+ T2D risk	Body
cg03126177	MAST1	chr19	0.852904833	+ T2D risk	Body
cg19577074	FAM160A1	chr4	0.852978464	+ T2D risk	5'UTR
cg24150244	TTC28	chr22	0.853221605	- T2D risk	Body
cg12707024	LYVE1	chr11	0.853274892	+ T2D risk	TSS1500
cg14806724	DDC	chr7	0.853327188	- T2D risk	Body
cg07132585	PRKAG2	chr7	0.853419397	- T2D risk	Body
cg00961446	BCAT1	chr12	0.853432191	+ T2D risk	Body
cg10787364	ATRNL1	chr10	0.853592525	- T2D risk	Body
cg05278788	RRAGB	chrX	0.853648986	+ T2D risk	Body
cg10268249	PRKAG2	chr7	0.853765426	- T2D risk	5'UTR
cg10268249	PRKAG2	chr7	0.853765426	- T2D risk	Body
cg00954578	HMBX1	chr8	0.853766424	+ T2D risk	Body
cg24418346	CDH22	chr20	0.85377671	+ T2D risk	5'UTR
cg21356460	SPAG9	chr17	0.853894498	+ T2D risk	Body
cg21356460	SPAG9	chr17	0.853894498	+ T2D risk	ExonBnd
cg16334244	PLAGL1	chr6	0.853945078	+ T2D risk	TSS1500
cg14431799	ZHX2	chr8	0.853948164	- T2D risk	5'UTR
cg00169586	TANC2	chr17	0.853955499	+ T2D risk	Body
cg09863630	MEIS2	chr15	0.854059159	- T2D risk	Body
cg01049293	GNA12	chr7	0.854188473	- T2D risk	Body
cg23023263	ULK4	chr3	0.854431436	+ T2D risk	TSS1500

cg26177181	GRK5	chr10	0.854493675	+ T2D risk	Body
cg04039434	DNAH9	chr17	0.854607572	- T2D risk	Body
cg07224637	MGRN1	chr16	0.854649867	- T2D risk	Body
cg26517831	GNA12	chr7	0.854682457	- T2D risk	3'UTR
cg07258524	SSBP2	chr5	0.854768984	+ T2D risk	Body
cg17001408	RGS7	chr1	0.854922026	+ T2D risk	Body
cg03865668	GAD1	chr2	0.854976419	+ T2D risk	3'UTR
cg18244621	SKAP1	chr17	0.85499518	+ T2D risk	Body
cg00415939	PICALM	chr11	0.855000781	+ T2D risk	Body
cg23937224	CUX2	chr12	0.855008898	+ T2D risk	Body
cg16979981	FBXO11	chr2	0.855169949	- T2D risk	3'UTR
cg01798352	PACRG	chr6	0.85522947	+ T2D risk	Body
cg17175871	DNAJC1	chr10	0.855237384	- T2D risk	Body
cg02092248	DNAJC1	chr10	0.855399452	- T2D risk	Body
cg23706721	ACTN4	chr19	0.855459175	- T2D risk	Body
cg16007381	TANC2	chr17	0.855660416	+ T2D risk	Body
cg15075267	NOTCH3	chr19	0.855835094	+ T2D risk	Body
cg15797971	TOP2A	chr17	0.855856107	+ T2D risk	TSS200
cg13455310	PRKCE	chr2	0.856172708	+ T2D risk	Body
cg17223645	DIP2C	chr10	0.856192888	- T2D risk	Body
cg12425861	PACS2	chr14	0.856263048	- T2D risk	Body
cg01448923	ZHX2	chr8	0.856635416	- T2D risk	TSS200
cg14059145	PRKAG2	chr7	0.856651198	- T2D risk	Body
cg04175248	HMBOX1	chr8	0.856684209	- T2D risk	5'UTR
cg14542850	SMG7	chr1	0.856830999	- T2D risk	TSS1500
cg04595854	TENM2	chr5	0.856893645	+ T2D risk	Body
cg21143428	SPOCK1	chr5	0.856917586	+ T2D risk	Body
cg25265205	RANBP17	chr5	0.857198172	- T2D risk	Body
cg02125219	KCNJ12	chr17	0.857222208	- T2D risk	5'UTR
cg06591801	ATP6V1A	chr3	0.857267373	+ T2D risk	5'UTR
cg20658081	CPLX2	chr5	0.857372106	- T2D risk	5'UTR
cg08402498	CREBBP	chr16	0.857446722	+ T2D risk	Body
cg15976636	PACRG	chr6	0.857512262	- T2D risk	TSS1500
cg11436027	CALD1	chr7	0.857647344	+ T2D risk	5'UTR
cg04444211	ROBO2	chr3	0.857673131	- T2D risk	Body
cg22849677	ITPKB	chr1	0.857691424	+ T2D risk	Body
cg06489653	INPP4A	chr2	0.8578336	- T2D risk	5'UTR
cg13247778	ULK4	chr3	0.857836965	- T2D risk	Body
cg23554922	POC1B	chr12	0.858014046	+ T2D risk	Body
cg23554922	POC1B	chr12	0.858014046	+ T2D risk	5'UTR
cg00552888	NCOR1	chr17	0.858100137	- T2D risk	Body
cg23255694	PACS1	chr11	0.858209043	- T2D risk	TSS1500
cg13433272	CDK8	chr13	0.858293853	- T2D risk	TSS1500
cg08772927	CLOCK	chr4	0.858315047	+ T2D risk	5'UTR
cg06925530	ATXN1	chr6	0.858556823	- T2D risk	5'UTR
cg03408115	ZHX2	chr8	0.859185842	- T2D risk	5'UTR
cg04082532	NGF	chr1	0.859249785	- T2D risk	5'UTR
cg26636917	CNTNAP2	chr7	0.859257455	+ T2D risk	Body
cg16251794	WWP2	chr16	0.859343583	- T2D risk	TSS1500
cg16251794	WWP2	chr16	0.859343583	- T2D risk	Body
cg13289553	SUB1	chr5	0.859424553	+ T2D risk	TSS200
cg05309081	NCOR1	chr17	0.859580518	- T2D risk	Body
cg24214903	KDM4B	chr19	0.859581613	+ T2D risk	Body
cg19241168	FBXL2	chr3	0.859582144	- T2D risk	TSS1500
cg07191911	ERC2	chr3	0.859711065	- T2D risk	3'UTR
cg10020569	TPCN1	chr12	0.859841215	+ T2D risk	Body
cg16960797	GRK5	chr10	0.859841959	+ T2D risk	Body
cg09136052	DYNC111	chr7	0.859891082	+ T2D risk	Body
cg07330908	ARL8B	chr3	0.859901445	- T2D risk	TSS200
cg01000489	PLEKHG3	chr14	0.859902584	- T2D risk	5'UTR
cg21386089	TMEM131	chr2	0.860077257	+ T2D risk	Body
cg02896872	ITPKB	chr1	0.860305602	- T2D risk	Body
cg12538670	ARL8B	chr3	0.860347089	+ T2D risk	Body
cg00896622	SEC31A	chr4	0.86044042	+ T2D risk	Body
cg09803351	TPCN1	chr12	0.860848005	- T2D risk	5'UTR
cg12519998	DIP2C	chr10	0.860980322	- T2D risk	Body
cg08964948	CREBBP	chr16	0.861077025	+ T2D risk	Body
cg22440734	ANK3	chr10	0.861115537	+ T2D risk	3'UTR
cg02713901	GLG1	chr16	0.861171205	+ T2D risk	Body
cg02713901	GLG1	chr16	0.861171205	+ T2D risk	1stExon

cg09903262	UXS1	chr2	0.861229732	- T2D risk	Body
cg04386751	CDH22	chr20	0.861520569	- T2D risk	Body
cg12708799	DIP2C	chr10	0.861558952	- T2D risk	Body
cg25002480	PRKCB	chr16	0.861627637	- T2D risk	Body
cg04154276	KIAA1217	chr10	0.861635671	- T2D risk	1stExon
cg04154276	KIAA1217	chr10	0.861635671	- T2D risk	5'UTR
cg20238079	MGRN1	chr16	0.861660115	+ T2D risk	Body
cg06559368	RET	chr10	0.861735587	- T2D risk	Body
cg27598794	INPP4A	chr2	0.861817059	- T2D risk	Body
cg10671987	KDM4B	chr19	0.862001173	+ T2D risk	5'UTR
cg25118631	USP53	chr4	0.862023666	- T2D risk	Body
cg00247803	EVI5	chr1	0.862120023	+ T2D risk	Body
cg13898582	SLIT3	chr5	0.862189439	- T2D risk	Body
cg21634331	MAST1	chr19	0.862218396	- T2D risk	Body
cg23424146	BCAT1	chr12	0.862219119	+ T2D risk	Body
cg23424146	BCAT1	chr12	0.862219119	+ T2D risk	TSS200
cg23424146	BCAT1	chr12	0.862219119	+ T2D risk	TSS1500
cg27427487	KIAA1217	chr10	0.862230172	- T2D risk	Body
cg27366994	KDM4B	chr19	0.862318316	+ T2D risk	Body
cg16171428	DIP2C	chr10	0.862387377	- T2D risk	Body
cg12983997	PHACTR1	chr6	0.862512522	+ T2D risk	ExonBnd
cg12983997	PHACTR1	chr6	0.862512522	+ T2D risk	Body
cg00341042	ATRNL1	chr10	0.862578585	+ T2D risk	Body
cg13368786	ACSS2	chr20	0.862748155	- T2D risk	Body
cg13368786	ACSS2	chr20	0.862748155	- T2D risk	TSS1500
cg15468600	CUX1	chr7	0.862838394	+ T2D risk	Body
cg20984125	CMTR1	chr6	0.862892934	- T2D risk	Body
cg07856163	CPLX2	chr5	0.862923127	+ T2D risk	TSS1500
cg04893119	PI15	chr8	0.862926886	+ T2D risk	TSS1500
cg17599620	CLASP2	chr3	0.862995428	- T2D risk	Body
cg20305576	FLT1	chr13	0.86304365	+ T2D risk	Body
cg10129944	PHACTR1	chr6	0.863132613	+ T2D risk	5'UTR
cg04107847	TTC28	chr22	0.86335239	+ T2D risk	Body
cg11410436	TOX3	chr16	0.863452576	- T2D risk	5'UTR
cg11410436	TOX3	chr16	0.863452576	- T2D risk	TSS1500
cg23538782	APBA1	chr9	0.863546482	+ T2D risk	5'UTR
cg12791877	DIP2C	chr10	0.863583647	+ T2D risk	Body
cg03639240	PACS1	chr11	0.863592306	+ T2D risk	Body
cg11619524	CLASP2	chr3	0.863826556	+ T2D risk	Body
cg22753668	FLT1	chr13	0.863853503	+ T2D risk	Body
cg17954373	EIF4EBP3	chr5	0.863957085	- T2D risk	TSS1500
cg15147545	ITGB1	chr10	0.864393538	- T2D risk	TSS1500
cg18609236	LMCD1	chr3	0.864450011	- T2D risk	5'UTR
cg18609236	LMCD1	chr3	0.864450011	- T2D risk	Body
cg23773983	ATXN1	chr6	0.864569331	+ T2D risk	TSS200
cg24263309	ATP6V1H	chr8	0.864604843	- T2D risk	Body
cg18451156	CHFR	chr12	0.864672922	- T2D risk	Body
cg27115788	WDR48	chr3	0.864829857	- T2D risk	Body
cg04883859	PRKCE	chr2	0.864833472	+ T2D risk	Body
cg11295183	DIP2C	chr10	0.864865655	- T2D risk	Body
cg11552951	WWP2	chr16	0.865087146	+ T2D risk	Body
cg03640293	SLIT3	chr5	0.865088496	- T2D risk	Body
cg00027637	ITPKB	chr1	0.865093559	- T2D risk	Body
cg01748375	CHID1	chr11	0.865106696	- T2D risk	5'UTR
cg09719124	LMCD1	chr3	0.865120378	+ T2D risk	Body
cg07496016	NQO1	chr16	0.86515815	- T2D risk	Body
cg01924894	SLC30A8	chr8	0.865220696	+ T2D risk	5'UTR
cg01924894	SLC30A8	chr8	0.865220696	+ T2D risk	Body
cg03085666	NOTCH3	chr19	0.865332877	+ T2D risk	Body
cg20766940	RBM4	chr11	0.86537929	- T2D risk	Body
cg10093067	NUP98	chr11	0.865533421	- T2D risk	Body
cg10093067	NUP98	chr11	0.865533421	- T2D risk	3'UTR
cg05914060	PRMT3	chr11	0.865606184	- T2D risk	Body
cg05145898	KIAA0232	chr4	0.86570962	- T2D risk	3'UTR
cg22589568	FARSB	chr2	0.865784901	+ T2D risk	Body
cg25974996	KCNIP3	chr2	0.865837077	+ T2D risk	Body
cg05151055	CREBBP	chr16	0.865854298	+ T2D risk	Body
cg09548990	UBE2K	chr4	0.865866665	+ T2D risk	Body
cg17611936	PRKAG2	chr7	0.866207362	+ T2D risk	Body
cg07462863	NF1	chr17	0.866371599	- T2D risk	Body

cg26619570	PPP1R12A	chr12	0.866461494	+ T2D risk	Body
cg26619570	PPP1R12A	chr12	0.866461494	+ T2D risk	TSS1500
cg00395277	ATP8A1	chr4	0.866565887	- T2D risk	Body
cg09025113	ITGA1	chr5	0.866686397	+ T2D risk	Body
cg08388155	RRAGB	chrX	0.86687907	+ T2D risk	TSS1500
cg10550387	ANK3	chr10	0.86696605	+ T2D risk	Body
cg03339592	TENM2	chr5	0.866990701	- T2D risk	Body
cg20488972	CLEC16A	chr16	0.867187428	- T2D risk	TSS1500
cg10685947	ANK2	chr4	0.867443612	+ T2D risk	Body
cg02185843	AGPAT3	chr21	0.867448488	+ T2D risk	5'UTR
cg07410783	CLEC16A	chr16	0.867576076	+ T2D risk	Body
cg07174335	KCNIP3	chr2	0.867643615	+ T2D risk	Body
cg19697530	CADM1	chr11	0.867693541	+ T2D risk	1stExon
cg02717506	ERC2	chr3	0.867773578	- T2D risk	Body
cg04409081	ATRNL1	chr10	0.867839598	- T2D risk	3'UTR
cg09731946	AGPAT3	chr21	0.867905088	- T2D risk	5'UTR
cg00105060	CNTNAP2	chr7	0.867922116	- T2D risk	Body
cg11764735	KIAA1109	chr4	0.867940097	- T2D risk	Body
cg03400397	SMG7	chr1	0.868199094	- T2D risk	ExonBnd
cg03400397	SMG7	chr1	0.868199094	- T2D risk	Body
cg11434762	ROBO2	chr3	0.868301938	+ T2D risk	Body
cg21422623	ITPKB	chr1	0.86830403	+ T2D risk	Body
cg07741192	MGRN1	chr16	0.86831943	+ T2D risk	Body
cg05997357	NCOA2	chr8	0.86835671	+ T2D risk	Body
cg27024214	RGS7	chr1	0.868418864	+ T2D risk	Body
cg16431095	HMBOX1	chr8	0.868422125	- T2D risk	TSS200
cg16431095	HMBOX1	chr8	0.868422125	- T2D risk	TSS1500
cg22796115	KIAA1217	chr10	0.868426204	- T2D risk	Body
cg07870074	DIP2C	chr10	0.868427319	+ T2D risk	Body
cg24351897	GRK5	chr10	0.868535391	+ T2D risk	Body
cg03611826	KIAA1217	chr10	0.868662408	+ T2D risk	1stExon
cg03611826	KIAA1217	chr10	0.868662408	+ T2D risk	5'UTR
cg03611826	KIAA1217	chr10	0.868662408	+ T2D risk	Body
cg10494981	DIP2C	chr10	0.868671959	+ T2D risk	Body
cg11194708	PACRG	chr6	0.86871557	- T2D risk	Body
cg02204363	TENM2	chr5	0.868885203	- T2D risk	Body
cg25212578	ANK3	chr10	0.868996359	- T2D risk	Body
cg07814876	GGPS1	chr1	0.869085649	+ T2D risk	5'UTR
cg00054948	EVI5	chr1	0.869127859	+ T2D risk	Body
cg24420947	SLC30A8	chr8	0.869150126	- T2D risk	5'UTR
cg17636008	GRK5	chr10	0.869279989	- T2D risk	Body
cg10366245	MAN1A1	chr6	0.869462954	+ T2D risk	Body
cg14858993	GNA12	chr7	0.869465689	- T2D risk	Body
cg18784506	ARL15	chr5	0.869484247	- T2D risk	TSS1500
ch.7.3089487R	CNTNAP2	chr7	0.869640784	- T2D risk	Body
cg13103606	FAM160A1	chr4	0.869654831	- T2D risk	5'UTR
cg15793563	CHID1	chr11	0.869662417	+ T2D risk	5'UTR
cg15793563	CHID1	chr11	0.869662417	+ T2D risk	TSS200
cg00049102	DACH1	chr13	0.869704008	+ T2D risk	Body
cg10530950	CLEC16A	chr16	0.869746867	- T2D risk	Body
cg04920776	POC1B	chr12	0.870015344	- T2D risk	Body
cg08653328	DIP2C	chr10	0.870025345	+ T2D risk	Body
cg15068227	CNTROB	chr17	0.870049538	- T2D risk	ExonBnd
cg15068227	CNTROB	chr17	0.870049538	- T2D risk	Body
cg12195205	CLEC16A	chr16	0.870121531	+ T2D risk	Body
cg03302008	KCNIP3	chr2	0.870175262	+ T2D risk	TSS200
cg03302008	KCNIP3	chr2	0.870175262	+ T2D risk	Body
cg14918958	ANK2	chr4	0.870286919	- T2D risk	Body
cg04195892	CUX2	chr12	0.870375876	+ T2D risk	Body
cg26314815	TMEM150C	chr4	0.87047343	- T2D risk	TSS1500
cg03207915	MAN1A1	chr6	0.870497014	- T2D risk	Body
cg12349350	CUX1	chr7	0.870506122	+ T2D risk	Body
cg02224047	CUX1	chr7	0.870597116	- T2D risk	Body
cg23926526	MDM1	chr12	0.870795399	+ T2D risk	TSS1500
cg26368813	SUB1	chr5	0.870868974	- T2D risk	TSS200
cg19231811	PHACTR1	chr6	0.870906189	+ T2D risk	Body
cg08248849	PLEKHG3	chr14	0.870955653	+ T2D risk	5'UTR
cg26479230	MAST1	chr19	0.871095688	- T2D risk	TSS1500
cg15832436	PACRG	chr6	0.871121762	- T2D risk	1stExon
cg15832436	PACRG	chr6	0.871121762	- T2D risk	TSS1500

cg15832436	PACRG	chr6	0.871121762	- T2D risk	5'UTR
cg27319188	PACS1	chr11	0.871206329	+ T2D risk	Body
cg19332302	RRAGB	chrX	0.871238393	- T2D risk	Body
cg19332302	RRAGB	chrX	0.871238393	- T2D risk	ExonBnd
cg19886272	WWP2	chr16	0.871292683	+ T2D risk	TSS1500
cg19886272	WWP2	chr16	0.871292683	+ T2D risk	Body
cg14838600	PRKAG2	chr7	0.87129898	+ T2D risk	Body
cg24770019	NCOA7	chr6	0.871401175	- T2D risk	5'UTR
cg24770019	NCOA7	chr6	0.871401175	- T2D risk	Body
cg03336832	MGRN1	chr16	0.871486875	+ T2D risk	Body
cg06779248	DYNC111	chr7	0.871544501	+ T2D risk	Body
cg08841318	RNF217	chr6	0.871695965	+ T2D risk	1stExon
cg04012266	PDE3A	chr12	0.871728156	+ T2D risk	1stExon
cg06046147	ARID2	chr12	0.871753742	+ T2D risk	Body
cg26680350	KIAA1217	chr10	0.871799693	+ T2D risk	Body
cg22508930	RAP1B	chr12	0.871892931	- T2D risk	5'UTR
cg15170139	RAP1GAP2	chr17	0.872271285	+ T2D risk	Body
cg12999769	WWP2	chr16	0.872438791	+ T2D risk	Body
cg02461985	FARSB	chr2	0.872469125	+ T2D risk	Body
cg07912922	PHACTR1	chr6	0.872816405	- T2D risk	Body
cg22586405	CDH22	chr20	0.872905403	+ T2D risk	Body
cg06393874	SRPK2	chr7	0.872907363	+ T2D risk	TSS200
cg06393874	SRPK2	chr7	0.872907363	+ T2D risk	Body
cg09605880	PTP4A2	chr1	0.87299918	+ T2D risk	5'UTR
cg25631092	TBC1D5	chr3	0.873126657	+ T2D risk	TSS1500
cg01438802	PICALM	chr11	0.873133288	- T2D risk	Body
cg05635369	ATRNL1	chr10	0.873197043	+ T2D risk	Body
cg14054343	RTN4	chr2	0.87339752	+ T2D risk	TSS200
cg14054343	RTN4	chr2	0.87339752	+ T2D risk	Body
cg03427191	MGRN1	chr16	0.873404688	+ T2D risk	Body
cg01526547	COL4A1	chr13	0.873454246	+ T2D risk	Body
cg19109955	ACTN4	chr19	0.873544881	+ T2D risk	TSS200
cg06497954	ARL8B	chr3	0.873580745	+ T2D risk	Body
cg14872036	ADCY5	chr3	0.873597429	+ T2D risk	Body
cg23222061	PRKAG2	chr7	0.873644762	- T2D risk	TSS200
cg23222061	PRKAG2	chr7	0.873644762	- T2D risk	Body
cg24636057	COL4A1	chr13	0.873657969	+ T2D risk	Body
cg05391398	GALK2	chr15	0.873734613	- T2D risk	Body
cg06143663	CLEC16A	chr16	0.873864876	+ T2D risk	Body
cg26368942	ENAH	chr1	0.873874562	- T2D risk	TSS1500
cg26278487	DNAJC1	chr10	0.873975066	+ T2D risk	Body
cg19095981	ARL15	chr5	0.873975925	- T2D risk	Body
cg13772849	NF1	chr17	0.874004	- T2D risk	Body
cg15845673	BCAT1	chr12	0.874110909	- T2D risk	Body
cg24688343	TANC2	chr17	0.874198749	- T2D risk	Body
cg18593303	ATXN1	chr6	0.874289441	+ T2D risk	5'UTR
cg10262188	DIP2C	chr10	0.874345892	+ T2D risk	Body
cg11502597	KIAA1217	chr10	0.874354531	- T2D risk	TSS200
cg11502597	KIAA1217	chr10	0.874354531	- T2D risk	5'UTR
cg05721077	PACS2	chr14	0.874369679	+ T2D risk	Body
cg14891553	ACTN4	chr19	0.874513647	- T2D risk	Body
cg09158218	ENAH	chr1	0.874561942	+ T2D risk	Body
cg10061492	PACS2	chr14	0.874630583	+ T2D risk	Body
cg13176785	PRKCE	chr2	0.87479736	+ T2D risk	Body
cg16963426	MAST1	chr19	0.874804375	- T2D risk	Body
cg23328493	CUX1	chr7	0.875049964	+ T2D risk	Body
cg23861889	PRKCE	chr2	0.875146379	+ T2D risk	TSS1500
cg13139972	DDK2	chr4	0.875233688	- T2D risk	1stExon
cg13139972	DDK2	chr4	0.875233688	- T2D risk	5'UTR
cg10457878	EFR3A	chr8	0.87528931	- T2D risk	Body
cg04004513	SKAP1	chr17	0.875293998	- T2D risk	Body
cg02362381	ITGA1	chr5	0.875315799	- T2D risk	TSS1500
cg21694531	SLC30A8	chr8	0.875639079	- T2D risk	Body
cg00518941	PRKCE	chr2	0.875659713	+ T2D risk	Body
cg01220564	DDC	chr7	0.875793404	+ T2D risk	1stExon
cg01220564	DDC	chr7	0.875793404	+ T2D risk	5'UTR
cg03349134	SCGN	chr6	0.875850489	- T2D risk	Body
cg17304276	CUX2	chr12	0.875970021	- T2D risk	Body
cg04550430	PRKCB	chr16	0.876018326	+ T2D risk	Body
cg24105638	TAZ	chrX	0.876193336	- T2D risk	Body

cg27622633	USP53	chr4	0.876197778	+ T2D risk	TSS200
cg02505121	SLIT3	chr5	0.876314769	+ T2D risk	Body
cg22180298	PACRG	chr6	0.876350177	+ T2D risk	Body
cg06682454	TMEM131	chr2	0.876361325	- T2D risk	Body
cg14269576	CPLX2	chr5	0.876432822	+ T2D risk	5'UTR
cg17739932	NCOA2	chr8	0.876494141	+ T2D risk	Body
cg01333028	TMEM131	chr2	0.876696837	+ T2D risk	Body
cg23469046	ULK4	chr3	0.876714843	- T2D risk	TSS1500
cg14725719	RET	chr10	0.876775883	+ T2D risk	Body
cg05064673	PTPRU	chr1	0.877031028	+ T2D risk	TSS1500
cg09076339	ITPKB	chr1	0.877048704	+ T2D risk	Body
cg10769157	AMD1	chr6	0.877106417	+ T2D risk	5'UTR
cg10769157	AMD1	chr6	0.877106417	+ T2D risk	Body
cg05397216	TJP1	chr15	0.877129019	+ T2D risk	Body
cg27367992	ST6GAL1	chr3	0.877143287	- T2D risk	5'UTR
cg27367992	ST6GAL1	chr3	0.877143287	- T2D risk	TSS1500
cg21924617	ROBO2	chr3	0.877238288	- T2D risk	5'UTR
cg21924617	ROBO2	chr3	0.877238288	- T2D risk	TSS1500
cg21924617	ROBO2	chr3	0.877238288	- T2D risk	Body
cg02388371	ATP6V1H	chr8	0.877292411	- T2D risk	Body
cg07478825	CDH22	chr20	0.877511823	+ T2D risk	Body
cg17783697	SEC31A	chr4	0.87756225	- T2D risk	Body
cg07575501	CUX2	chr12	0.877682779	- T2D risk	Body
cg17339794	KDM4B	chr19	0.877748082	+ T2D risk	Body
cg04011247	BCAT1	chr12	0.87776614	+ T2D risk	5'UTR
cg04011247	BCAT1	chr12	0.87776614	+ T2D risk	1stExon
cg03425093	GNA12	chr7	0.877808925	- T2D risk	Body
cg00089101	TMEM131	chr2	0.877818076	+ T2D risk	TSS200
cg12099191	KDM4B	chr19	0.877988009	- T2D risk	Body
cg04863427	PRKAG2	chr7	0.878045664	+ T2D risk	Body
cg06339423	ATP6V1H	chr8	0.878161575	- T2D risk	Body
cg01082843	UNC80	chr2	0.878205793	+ T2D risk	1stExon
cg03764976	NOTCH3	chr19	0.878244246	- T2D risk	Body
cg06064015	CADM1	chr11	0.878340384	- T2D risk	Body
cg12989088	TTC28	chr22	0.878428934	+ T2D risk	Body
cg03680680	DIP2C	chr10	0.878429535	- T2D risk	Body
cg03552522	NUP98	chr11	0.878453411	+ T2D risk	3'UTR
cg06002567	ATXN1	chr6	0.878533058	+ T2D risk	5'UTR
cg06138257	CHFR	chr12	0.8785493	+ T2D risk	3'UTR
cg04901821	GGPS1	chr1	0.87870666	- T2D risk	3'UTR
cg01937628	PDK1	chr2	0.878887254	- T2D risk	TSS200
cg01937628	PDK1	chr2	0.878887254	- T2D risk	TSS1500
cg26562691	PRKCB	chr16	0.878889831	- T2D risk	Body
cg18965179	CUX1	chr7	0.878956853	+ T2D risk	Body
cg14803394	STX6	chr1	0.879385427	- T2D risk	TSS1500
cg23168264	MEIS2	chr15	0.879533861	- T2D risk	5'UTR
cg23168264	MEIS2	chr15	0.879533861	- T2D risk	1stExon
cg23168264	MEIS2	chr15	0.879533861	- T2D risk	TSS1500
cg01971671	SKAP1	chr17	0.879591107	- T2D risk	Body
cg03368634	CREBBP	chr16	0.879785519	+ T2D risk	Body
cg13495046	NUP98	chr11	0.879919663	- T2D risk	Body
cg10258107	DYNC111	chr7	0.879998894	- T2D risk	Body
cg17710868	MAST1	chr19	0.880024247	- T2D risk	TSS1500
cg15308917	SMG7	chr1	0.8802067	+ T2D risk	Body
cg03257293	ITPKB	chr1	0.880255262	- T2D risk	TSS1500
cg15481353	NCOR1	chr17	0.88026347	- T2D risk	Body
cg27167982	EVI5	chr1	0.880310803	- T2D risk	Body
cg03263637	ZHX2	chr8	0.88039599	- T2D risk	5'UTR
cg04616529	CLEC16A	chr16	0.88043381	- T2D risk	Body
cg24709257	CADM1	chr11	0.880497249	- T2D risk	Body
cg09438147	UNC80	chr2	0.88081595	+ T2D risk	TSS200
cg18170689	CUX1	chr7	0.880927873	- T2D risk	Body
cg15035324	PRKCE	chr2	0.881114651	+ T2D risk	Body
cg23982527	CHID1	chr11	0.881154804	- T2D risk	Body
cg14931071	PHACTR1	chr6	0.881301252	- T2D risk	TSS200
cg19384997	CRYL1	chr13	0.881356173	- T2D risk	Body
cg18407878	DIP2C	chr10	0.881429268	+ T2D risk	Body
cg04356401	CADM1	chr11	0.881540665	- T2D risk	Body
cg07896099	DIP2C	chr10	0.881634708	+ T2D risk	Body
cg21092551	TJP1	chr15	0.881864271	+ T2D risk	3'UTR

cg09885664	<i>PDLIM5</i>	chr4	0.88186631	- T2D risk	Body
cg02118424	<i>KREMEN1</i>	chr22	0.882078903	+ T2D risk	Body
cg22795471	<i>PTPRU</i>	chr1	0.882139647	- T2D risk	Body
cg00345656	<i>BIRC5</i>	chr17	0.882192206	- T2D risk	TSS1500
cg12760508	<i>AMD1</i>	chr6	0.882434658	- T2D risk	5'UTR
cg12760508	<i>AMD1</i>	chr6	0.882434658	- T2D risk	Body
cg08855484	<i>APBA1</i>	chr9	0.882458973	+ T2D risk	Body
cg12028789	<i>WWP2</i>	chr16	0.882800915	- T2D risk	5'UTR
cg05861420	<i>KIAA1217</i>	chr10	0.883049817	- T2D risk	Body
cg19579652	<i>DIP2C</i>	chr10	0.883106067	+ T2D risk	Body
cg08407670	<i>CLOCK</i>	chr4	0.883322897	+ T2D risk	Body
cg08494793	<i>PRKAG2</i>	chr7	0.883370152	+ T2D risk	Body
cg20910875	<i>KCNJ12</i>	chr17	0.883376357	- T2D risk	5'UTR
cg10667166	<i>FLT1</i>	chr13	0.883466475	+ T2D risk	Body
cg02632809	<i>SLC29A4</i>	chr7	0.883516533	+ T2D risk	Body
cg19078123	<i>RAP1GAP2</i>	chr17	0.883540563	- T2D risk	Body
cg23837895	<i>LMX1B</i>	chr9	0.883583907	+ T2D risk	Body
cg09122989	<i>PACS1</i>	chr11	0.883695652	- T2D risk	Body
cg03555227	<i>RANBP17</i>	chr5	0.883794008	- T2D risk	Body
cg01707275	<i>PHACTR1</i>	chr6	0.883843816	- T2D risk	Body
cg20787648	<i>SSB</i>	chr2	0.883889362	+ T2D risk	TSS200
cg27608981	<i>CUX1</i>	chr7	0.884197224	- T2D risk	Body
cg27647825	<i>FNIP2</i>	chr4	0.884231716	+ T2D risk	Body
cg21834420	<i>CLOCK</i>	chr4	0.884336291	- T2D risk	TSS200
cg21834420	<i>CLOCK</i>	chr4	0.884336291	- T2D risk	5'UTR
cg19118937	<i>NGLY1</i>	chr3	0.884379977	+ T2D risk	Body
cg02328929	<i>ENAH</i>	chr1	0.884412562	+ T2D risk	Body
cg06228645	<i>KIAA1217</i>	chr10	0.884920003	- T2D risk	Body
cg25548221	<i>CHID1</i>	chr11	0.885030104	+ T2D risk	Body
cg19538089	<i>GAD1</i>	chr2	0.885107309	- T2D risk	1stExon
cg19538089	<i>GAD1</i>	chr2	0.885107309	- T2D risk	5'UTR
cg02594677	<i>DIP2C</i>	chr10	0.885134257	+ T2D risk	Body
cg14072126	<i>FBXO11</i>	chr2	0.885201153	- T2D risk	5'UTR
cg00780540	<i>DIP2C</i>	chr10	0.885245898	+ T2D risk	Body
cg12696066	<i>DDC</i>	chr7	0.885262998	- T2D risk	Body
cg21505551	<i>PACS1</i>	chr11	0.88526823	+ T2D risk	Body
cg13982318	<i>APBA1</i>	chr9	0.885277531	+ T2D risk	Body
cg23976221	<i>PDLIM5</i>	chr4	0.885380766	- T2D risk	Body
cg03311836	<i>ACTN4</i>	chr19	0.885460851	+ T2D risk	Body
cg02105641	<i>ENAH</i>	chr1	0.885557785	- T2D risk	Body
cg14350986	<i>TPCN1</i>	chr12	0.88560829	- T2D risk	5'UTR
cg14350986	<i>TPCN1</i>	chr12	0.88560829	- T2D risk	Body
cg03874268	<i>SEZ6L</i>	chr22	0.885641829	- T2D risk	Body
cg11386711	<i>ST6GAL1</i>	chr3	0.885754736	+ T2D risk	5'UTR
cg22902223	<i>SLIT3</i>	chr5	0.885758221	- T2D risk	Body
cg25943763	<i>ITPKB</i>	chr1	0.885847663	- T2D risk	Body
cg02458318	<i>DIP2C</i>	chr10	0.885860645	- T2D risk	Body
cg05109049	<i>NF1</i>	chr17	0.886019559	- T2D risk	Body
cg04868583	<i>ATP8A1</i>	chr4	0.886034234	- T2D risk	Body
cg04639515	<i>KDM4B</i>	chr19	0.886073542	- T2D risk	5'UTR
cg05106502	<i>SKAP1</i>	chr17	0.886098808	- T2D risk	Body
cg20688157	<i>NOTCH3</i>	chr19	0.886109491	+ T2D risk	Body
cg25618198	<i>ATP8A2</i>	chr13	0.886229102	+ T2D risk	Body
cg17831934	<i>CNTNAP2</i>	chr7	0.886401966	+ T2D risk	Body
cg04125246	<i>ULK4</i>	chr3	0.886624499	+ T2D risk	1stExon
cg04125246	<i>ULK4</i>	chr3	0.886624499	+ T2D risk	5'UTR
cg17472072	<i>CLASP2</i>	chr3	0.886664817	- T2D risk	1stExon
cg14281612	<i>DNAH9</i>	chr17	0.886756038	+ T2D risk	TSS200
cg14281612	<i>DNAH9</i>	chr17	0.886756038	+ T2D risk	Body
cg22027930	<i>CNTNAP2</i>	chr7	0.886823392	- T2D risk	Body
cg09005651	<i>MGRN1</i>	chr16	0.887034617	+ T2D risk	3'UTR
cg19223119	<i>DIP2C</i>	chr10	0.88703481	- T2D risk	Body
cg22129585	<i>POC1B</i>	chr12	0.887113059	- T2D risk	TSS200
cg22129585	<i>POC1B</i>	chr12	0.887113059	- T2D risk	TSS1500
cg27627210	<i>SLIT3</i>	chr5	0.887264866	- T2D risk	Body
cg07984358	<i>KIAA1217</i>	chr10	0.887308458	- T2D risk	Body
cg17372101	<i>CNTNAP2</i>	chr7	0.88748475	+ T2D risk	Body
cg22897215	<i>CHID1</i>	chr11	0.887538996	- T2D risk	TSS1500
cg06879394	<i>PHACTR1</i>	chr6	0.887546574	- T2D risk	Body
cg24171152	<i>ATP2B1</i>	chr12	0.887556632	+ T2D risk	TSS1500

cg03776181	ANK2	chr4	0.887639261	- T2D risk	Body
cg07388903	TOP2A	chr17	0.887676426	- T2D risk	TSS200
cg09950128	TMEM219	chr16	0.887804991	- T2D risk	TSS1500
cg03231326	SEC31A	chr4	0.887828904	- T2D risk	Body
cg00338702	CHFR	chr12	0.887847279	+ T2D risk	Body
cg01988539	SSBP2	chr5	0.887891744	- T2D risk	5'UTR
cg01988539	SSBP2	chr5	0.887891744	- T2D risk	1stExon
cg17250680	RHBDD1	chr2	0.887945145	- T2D risk	Body
cg14721415	CLASP2	chr3	0.88798233	- T2D risk	Body
cg26222293	FLT1	chr13	0.888061267	- T2D risk	Body
cg25764217	GNA12	chr7	0.888085084	+ T2D risk	Body
cg22669822	KDM4B	chr19	0.88831817	- T2D risk	5'UTR
cg18028711	TSC22D1	chr13	0.888350068	+ T2D risk	1stExon
cg07064231	MDM1	chr12	0.888550725	- T2D risk	Body
cg18695665	ATP8A1	chr4	0.888708496	- T2D risk	Body
cg03134111	GALK2	chr15	0.88886826	- T2D risk	Body
cg13984756	DIP2C	chr10	0.889083447	- T2D risk	Body
cg03736774	ATP8A2	chr13	0.889101695	- T2D risk	Body
cg13548265	CHKA	chr11	0.88916463	+ T2D risk	TSS1500
cg17963042	CRYL1	chr13	0.889181494	+ T2D risk	Body
cg02430368	SCGN	chr6	0.889326083	- T2D risk	TSS1500
cg27090024	CHKA	chr11	0.889439467	+ T2D risk	TSS1500
cg22471176	RBBP6	chr16	0.889450432	- T2D risk	Body
cg04180668	PACRG	chr6	0.889507076	- T2D risk	TSS200
cg04180668	PACRG	chr6	0.889507076	- T2D risk	5'UTR
cg25788006	ATRNL1	chr10	0.889544595	+ T2D risk	Body
cg12372912	TAB2	chr6	0.889567797	- T2D risk	Body
cg05384053	TANC2	chr17	0.889607711	+ T2D risk	Body
cg01264399	PRKCE	chr2	0.889667081	- T2D risk	Body
cg24873377	SCARB2	chr4	0.889711289	- T2D risk	Body
cg22342922	SLC30A8	chr8	0.889864063	+ T2D risk	Body
cg00392760	CLASP2	chr3	0.890115847	- T2D risk	TSS1500
cg25299676	MET	chr7	0.89012668	- T2D risk	5'UTR
cg10279167	CREBBP	chr16	0.890132287	+ T2D risk	Body
cg01101373	KIAA0355	chr19	0.890169965	- T2D risk	5'UTR
cg20043683	RBM4	chr11	0.890265918	- T2D risk	Body
cg06715160	WWP2	chr16	0.890303322	- T2D risk	TSS200
cg06505229	UXS1	chr2	0.890304331	- T2D risk	Body
cg06254768	ANK2	chr4	0.890333185	- T2D risk	Body
cg21117653	SRPK2	chr7	0.890417822	+ T2D risk	Body
cg21117653	SRPK2	chr7	0.890417822	+ T2D risk	5'UTR
cg21117653	SRPK2	chr7	0.890417822	+ T2D risk	TSS1500
cg04761648	CDK8	chr13	0.890419547	- T2D risk	Body
cg20000539	DDHD2	chr8	0.890447279	- T2D risk	3'UTR
cg24095931	ZHX2	chr8	0.89045445	- T2D risk	5'UTR
cg05954826	CUX1	chr7	0.890498715	+ T2D risk	TSS1500
cg05954826	CUX1	chr7	0.890498715	+ T2D risk	Body
cg06717633	PRKD1	chr14	0.890549033	- T2D risk	Body
cg01162610	DIP2C	chr10	0.890622003	+ T2D risk	Body
cg14471569	DIP2C	chr10	0.890720451	+ T2D risk	Body
cg08490816	RCAN2	chr6	0.890977792	+ T2D risk	Body
cg22274117	ATXN1	chr6	0.891071229	- T2D risk	5'UTR
cg20452252	DIP2C	chr10	0.891092559	- T2D risk	Body
cg09136067	PHACTR1	chr6	0.891171808	- T2D risk	Body
cg25081985	ATP6V1H	chr8	0.89127797	- T2D risk	TSS200
cg25081985	ATP6V1H	chr8	0.89127797	- T2D risk	TSS1500
cg06709107	CUX1	chr7	0.891281653	- T2D risk	Body
cg07465602	CDH22	chr20	0.891329493	+ T2D risk	Body
cg24732878	PACS2	chr14	0.891354184	- T2D risk	Body
cg05450193	ERC2	chr3	0.891456421	- T2D risk	Body
cg01186212	ANK3	chr10	0.891592454	+ T2D risk	Body
cg03107235	ATP8A2	chr13	0.891600458	+ T2D risk	Body
cg25291396	LMX1B	chr9	0.891733579	+ T2D risk	5'UTR
cg25291396	LMX1B	chr9	0.891733579	+ T2D risk	1stExon
cg02374388	JPH2	chr20	0.891880789	- T2D risk	Body
cg14452248	CLEC16A	chr16	0.892001122	- T2D risk	Body
cg04377139	FNIP2	chr4	0.892036607	- T2D risk	Body
cg20974602	ST6GAL1	chr3	0.892039686	- T2D risk	Body
cg20974602	ST6GAL1	chr3	0.892039686	- T2D risk	5'UTR
cg20145562	CLIC5	chr6	0.892106667	- T2D risk	Body

cg05341670	<i>TMEM59</i>	chr1	0.892234278	+ T2D risk	Body
cg00092821	<i>CLIC5</i>	chr6	0.892364045	- T2D risk	1stExon
cg11709874	<i>APC</i>	chr5	0.89240856	- T2D risk	Body
cg13216442	<i>COL4A1</i>	chr13	0.892604124	+ T2D risk	Body
cg10205895	<i>DACH1</i>	chr13	0.892705105	+ T2D risk	TSS1500
cg02472348	<i>ST8SIA1</i>	chr12	0.892707844	+ T2D risk	TSS200
cg05528280	<i>DIP2C</i>	chr10	0.892904948	- T2D risk	Body
cg12921396	<i>ERC2</i>	chr3	0.892947864	- T2D risk	Body
cg08463581	<i>CHID1</i>	chr11	0.892988385	+ T2D risk	Body
cg07521829	<i>NUF2</i>	chr1	0.893019111	+ T2D risk	5'UTR
cg00748492	<i>DNAJC1</i>	chr10	0.893059793	- T2D risk	Body
cg19453113	<i>ERC2</i>	chr3	0.893074794	+ T2D risk	Body
cg17920108	<i>PTP4A2</i>	chr1	0.89339679	- T2D risk	Body
cg01526331	<i>KIAA1217</i>	chr10	0.893489477	+ T2D risk	Body
cg06010326	<i>TMEM150C</i>	chr4	0.893498726	- T2D risk	5'UTR
cg09833641	<i>TSGA10</i>	chr2	0.893600981	- T2D risk	Body
cg24322968	<i>SKAP1</i>	chr17	0.893624599	+ T2D risk	TSS1500
cg11964762	<i>USP53</i>	chr4	0.893652793	+ T2D risk	Body
cg06294954	<i>CUX1</i>	chr7	0.893737886	+ T2D risk	Body
cg05688906	<i>PDLIM5</i>	chr4	0.893752637	- T2D risk	5'UTR
cg05688906	<i>PDLIM5</i>	chr4	0.893752637	- T2D risk	Body
cg10022505	<i>DIP2C</i>	chr10	0.893988244	- T2D risk	Body
cg08810107	<i>ATP8A2</i>	chr13	0.894053599	+ T2D risk	Body
cg19113920	<i>DNAH9</i>	chr17	0.8941167	+ T2D risk	Body
cg17288896	<i>LAP3</i>	chr4	0.894163485	+ T2D risk	TSS1500
cg24999192	<i>SKAP1</i>	chr17	0.894272493	- T2D risk	Body
cg04742029	<i>POC1B</i>	chr12	0.894585057	+ T2D risk	TSS1500
cg06958882	<i>ASH1L</i>	chr1	0.8949213	- T2D risk	Body
cg07050412	<i>LAMA4</i>	chr6	0.894960486	+ T2D risk	Body
cg24194093	<i>NCOR1</i>	chr17	0.89499733	+ T2D risk	Body
cg24691024	<i>MYO6</i>	chr6	0.895032701	+ T2D risk	5'UTR
cg02623524	<i>IFT74</i>	chr9	0.895037663	+ T2D risk	5'UTR
cg12070337	<i>PRKD1</i>	chr14	0.895141318	+ T2D risk	Body
cg20694865	<i>TMEM131</i>	chr2	0.89524014	+ T2D risk	TSS200
cg23101138	<i>DACH1</i>	chr13	0.895267705	- T2D risk	Body
cg15798462	<i>FLT1</i>	chr13	0.895404622	+ T2D risk	Body
cg07329149	<i>NDUFB3</i>	chr2	0.895506633	- T2D risk	TSS200
cg12914459	<i>GAD1</i>	chr2	0.895520584	+ T2D risk	Body
cg27577993	<i>PRKAG2</i>	chr7	0.89561042	+ T2D risk	Body
cg19581409	<i>AGPAT3</i>	chr21	0.895720336	+ T2D risk	5'UTR
cg20998753	<i>DDC</i>	chr7	0.895742623	- T2D risk	5'UTR
cg25704289	<i>ARPP19</i>	chr15	0.895815643	+ T2D risk	Body
cg06775669	<i>CUX1</i>	chr7	0.895822858	+ T2D risk	Body
cg26982364	<i>CPLX2</i>	chr5	0.895870182	+ T2D risk	5'UTR
cg02749733	<i>DYNC111</i>	chr7	0.895902225	+ T2D risk	Body
cg11848113	<i>DIP2C</i>	chr10	0.895904577	- T2D risk	Body
cg09413946	<i>CLEC16A</i>	chr16	0.895981574	- T2D risk	Body
cg07959956	<i>ERC2</i>	chr3	0.89600822	+ T2D risk	5'UTR
cg13789529	<i>GRK5</i>	chr10	0.896013423	+ T2D risk	Body
cg15297178	<i>WIZ</i>	chr19	0.896211893	+ T2D risk	Body
cg15775060	<i>TBC1D5</i>	chr3	0.896488848	- T2D risk	Body
cg12626882	<i>DNAH9</i>	chr17	0.896638715	+ T2D risk	5'UTR
cg12626882	<i>DNAH9</i>	chr17	0.896638715	+ T2D risk	1stExon
cg12626882	<i>DNAH9</i>	chr17	0.896638715	+ T2D risk	Body
cg03223126	<i>CUX2</i>	chr12	0.896733211	+ T2D risk	TSS1500
cg18865419	<i>KDM4B</i>	chr19	0.896772668	+ T2D risk	Body
cg05820243	<i>SKAP1</i>	chr17	0.897044967	+ T2D risk	Body
cg00454650	<i>ERC2</i>	chr3	0.897292806	+ T2D risk	Body
cg06618138	<i>PACS1</i>	chr11	0.897303958	+ T2D risk	Body
cg09337852	<i>CALD1</i>	chr7	0.897376499	- T2D risk	1stExon
cg09337852	<i>CALD1</i>	chr7	0.897376499	- T2D risk	5'UTR
cg10831479	<i>TANC2</i>	chr17	0.897426334	- T2D risk	3'UTR
cg20389132	<i>ADCY5</i>	chr3	0.897460474	- T2D risk	Body
cg08964693	<i>DIP2C</i>	chr10	0.897485784	- T2D risk	Body
cg02660480	<i>KIAA1217</i>	chr10	0.897643096	- T2D risk	Body
cg15064868	<i>PHACTR1</i>	chr6	0.897732547	+ T2D risk	Body
cg02578058	<i>UNC80</i>	chr2	0.89776831	- T2D risk	Body
cg10535597	<i>CUX2</i>	chr12	0.897831602	- T2D risk	Body
cg04959423	<i>SLIT3</i>	chr5	0.897960328	+ T2D risk	Body
cg05973498	<i>NCOA2</i>	chr8	0.898004105	- T2D risk	5'UTR

cg03712278	TENM2	chr5	0.898062049	+ T2D risk	Body
cg18753337	ST20	chr15	0.898130644	- T2D risk	1stExon
cg18753337	ST20	chr15	0.898130644	- T2D risk	5'UTR
cg22863620	GRK5	chr10	0.898153146	+ T2D risk	Body
cg09278832	MTHFS	chr15	0.898188547	- T2D risk	Body
cg19239230	RGS7	chr1	0.898272834	- T2D risk	3'UTR
cg26794346	ATXN1	chr6	0.898315291	- T2D risk	5'UTR
cg00944888	CUX1	chr7	0.898395424	- T2D risk	TSS1500
cg00944888	CUX1	chr7	0.898395424	- T2D risk	Body
cg05260865	GRK5	chr10	0.898656077	- T2D risk	Body
cg25373595	RAP1GAP2	chr17	0.898661086	+ T2D risk	TSS200
cg00808511	TOX3	chr16	0.898702453	- T2D risk	Body
cg01694234	SLIT3	chr5	0.898767683	+ T2D risk	Body
cg16765053	SCAF11	chr12	0.898990314	- T2D risk	5'UTR
cg22424581	ARL15	chr5	0.899125262	- T2D risk	Body
cg06697867	MMS19	chr10	0.899239837	- T2D risk	TSS200
cg06697867	MMS19	chr10	0.899239837	- T2D risk	TSS1500
cg03065383	KCNIP3	chr2	0.8992519	+ T2D risk	Body
cg03065383	KCNIP3	chr2	0.8992519	+ T2D risk	TSS1500
cg01882566	RPGR	chrX	0.899413157	+ T2D risk	TSS1500
cg07713291	ATXN1	chr6	0.899467407	+ T2D risk	5'UTR
cg11989895	PACS1	chr11	0.899506577	- T2D risk	Body
cg17878037	ARL15	chr5	0.899522792	- T2D risk	TSS200
cg26986958	DIP2C	chr10	0.899771587	- T2D risk	Body
cg11337367	ANK2	chr4	0.899807563	+ T2D risk	Body
cg04884244	ASH1L	chr1	0.899834949	+ T2D risk	Body
cg03738915	DIP2C	chr10	0.899842146	- T2D risk	Body
cg12246996	ASXL2	chr2	0.899870636	+ T2D risk	Body
cg06979729	TBC1D5	chr3	0.899889787	- T2D risk	Body
cg24671666	PLEKHG3	chr14	0.899903558	+ T2D risk	Body
cg05970496	RAP1GAP2	chr17	0.900087519	+ T2D risk	Body
cg20136009	PPFIBP1	chr12	0.900114273	+ T2D risk	5'UTR
cg06042849	DIP2C	chr10	0.90016774	- T2D risk	Body
cg06609193	PACS1	chr11	0.900210746	- T2D risk	Body
cg02163039	PHF21A	chr11	0.900216276	- T2D risk	TSS1500
cg03922340	RHOA	chr3	0.900221665	+ T2D risk	3'UTR
cg10664162	DIP2C	chr10	0.900502632	- T2D risk	Body
cg00361696	ANKHD1	chr5	0.90089099	- T2D risk	TSS1500
cg08235266	CUX1	chr7	0.900987202	- T2D risk	3'UTR
cg12798657	RAP1GAP2	chr17	0.901146141	+ T2D risk	Body
cg07386952	PACS2	chr14	0.901220036	- T2D risk	Body
cg10778104	KIAA1217	chr10	0.901322151	+ T2D risk	5'UTR
cg04086328	ITPKB	chr1	0.901345255	+ T2D risk	Body
cg05932518	SRPK2	chr7	0.901346388	+ T2D risk	Body
cg11494616	TMEM131	chr2	0.90160872	+ T2D risk	Body
cg13936214	SEZ6L	chr22	0.901798257	- T2D risk	TSS200
cg25530246	COL4A1	chr13	0.901863841	+ T2D risk	TSS1500
cg19152196	SEZ6L	chr22	0.901921911	+ T2D risk	TSS1500
cg12442056	TTC28	chr22	0.901926811	+ T2D risk	Body
cg17957954	ARL15	chr5	0.901944279	- T2D risk	Body
cg01242456	ARL15	chr5	0.901965979	+ T2D risk	Body
cg11616283	ASXL2	chr2	0.902003202	- T2D risk	TSS200
cg08576694	DENND4C	chr9	0.902028504	- T2D risk	Body
cg08471540	TANC2	chr17	0.902316708	- T2D risk	Body
cg13320597	TMEM219	chr16	0.902412242	+ T2D risk	Body
cg17541528	COL4A1	chr13	0.902414766	- T2D risk	TSS200
cg21008208	PRKAG2	chr7	0.902513321	- T2D risk	Body
cg21517458	PDE7A	chr8	0.90252524	+ T2D risk	Body
cg15969263	AGPAT3	chr21	0.902542987	+ T2D risk	5'UTR
cg06747558	PHACTR1	chr6	0.902555101	+ T2D risk	Body
cg17255756	DDHD2	chr8	0.902571726	- T2D risk	Body
cg06721601	CUX1	chr7	0.90258107	+ T2D risk	Body
cg18457964	NCOA7	chr6	0.902646944	+ T2D risk	Body
cg18457964	NCOA7	chr6	0.902646944	+ T2D risk	TSS1500
cg27582333	MGRN1	chr16	0.902817834	+ T2D risk	Body
cg01185093	SLC29A4	chr7	0.90285591	+ T2D risk	3'UTR
cg03595540	NCOR1	chr17	0.902913167	- T2D risk	5'UTR
cg03595540	NCOR1	chr17	0.902913167	- T2D risk	TSS1500
cg24328884	PRKACB	chr1	0.902921218	- T2D risk	Body
cg24328884	PRKACB	chr1	0.902921218	- T2D risk	TSS1500

cg04275404	KIAA1217	chr10	0.902930462	- T2D risk	5'UTR
cg14977389	ZHX2	chr8	0.902930719	+ T2D risk	5'UTR
cg19081759	YWHAQ	chr2	0.90297227	- T2D risk	5'UTR
cg19081759	YWHAQ	chr2	0.90297227	- T2D risk	1stExon
cg12680124	ROBO2	chr3	0.90303986	+ T2D risk	5'UTR
cg12680124	ROBO2	chr3	0.90303986	+ T2D risk	Body
cg20397481	POLA1	chrX	0.903102777	+ T2D risk	Body
cg01951170	GNA12	chr7	0.90318468	- T2D risk	Body
cg06497893	FAM160A1	chr4	0.903249465	- T2D risk	5'UTR
cg20089598	ADCY5	chr3	0.9033531	- T2D risk	Body
cg01999537	AMD1	chr6	0.903365834	+ T2D risk	5'UTR
cg16244786	SLIT3	chr5	0.903399244	- T2D risk	Body
cg21756828	CLIC5	chr6	0.90347079	- T2D risk	TSS1500
cg21756828	CLIC5	chr6	0.90347079	- T2D risk	Body
cg26372949	ARHGAP32	chr11	0.903593328	- T2D risk	Body
cg25073919	KCNIP3	chr2	0.90363351	- T2D risk	Body
cg25073919	KCNIP3	chr2	0.90363351	- T2D risk	1stExon
cg08390622	GALK2	chr15	0.903640191	- T2D risk	Body
cg08390622	GALK2	chr15	0.903640191	- T2D risk	TSS200
cg17041755	NF1	chr17	0.90367095	+ T2D risk	Body
cg03912060	SH3GL2	chr9	0.903757568	+ T2D risk	Body
cg13058486	NF1	chr17	0.903853464	+ T2D risk	Body
cg21605122	TENM2	chr5	0.903894319	+ T2D risk	Body
cg00419139	CADM1	chr11	0.904002655	- T2D risk	Body
cg13169575	CDH22	chr20	0.904261818	+ T2D risk	Body
cg13573626	PACS2	chr14	0.90426572	+ T2D risk	Body
cg08680130	PRKCE	chr2	0.904378717	+ T2D risk	Body
cg26679231	LCA5	chr6	0.904382642	+ T2D risk	1stExon
cg26679231	LCA5	chr6	0.904382642	+ T2D risk	5'UTR
cg22345270	NCOR1	chr17	0.904559962	+ T2D risk	Body
cg00565561	ULK4	chr3	0.904677758	- T2D risk	Body
cg09149499	PHF21A	chr11	0.904695498	- T2D risk	Body
cg24736886	DACH1	chr13	0.90491015	+ T2D risk	Body
cg14209522	AGPAT3	chr21	0.904967442	+ T2D risk	Body
cg01030321	ACTN4	chr19	0.905380413	+ T2D risk	Body
cg04973680	MET	chr7	0.90545934	+ T2D risk	Body
cg03265111	TJP1	chr15	0.905662579	+ T2D risk	Body
cg20070597	PICALM	chr11	0.905700276	+ T2D risk	1stExon
cg20070597	PICALM	chr11	0.905700276	+ T2D risk	5'UTR
cg12820609	PLAGL1	chr6	0.905719853	- T2D risk	TSS200
cg12820609	PLAGL1	chr6	0.905719853	- T2D risk	TSS1500
cg12820609	PLAGL1	chr6	0.905719853	- T2D risk	5'UTR
cg25630123	NPAT	chr11	0.905850359	- T2D risk	3'UTR
cg14466759	CUX1	chr7	0.906047989	- T2D risk	Body
cg18518909	ATP6V1H	chr8	0.906139036	+ T2D risk	5'UTR
cg18518909	ATP6V1H	chr8	0.906139036	+ T2D risk	TSS200
cg16811558	DDC	chr7	0.906408729	- T2D risk	TSS1500
cg26759179	GRK5	chr10	0.906494912	- T2D risk	Body
cg09093137	SRPK2	chr7	0.90657355	+ T2D risk	Body
cg18711246	DACH1	chr13	0.906593374	+ T2D risk	Body
cg02740507	TMEM59	chr1	0.90661043	- T2D risk	5'UTR
cg02740507	TMEM59	chr1	0.90661043	- T2D risk	Body
cg15184495	CDH22	chr20	0.906658195	- T2D risk	TSS200
cg12136950	ITPKB	chr1	0.906707876	+ T2D risk	Body
cg02869767	RNF157	chr17	0.906728209	+ T2D risk	Body
cg09046966	SEC31A	chr4	0.90692729	- T2D risk	5'UTR
cg09046966	SEC31A	chr4	0.90692729	- T2D risk	Body
cg03255735	ACTN4	chr19	0.907021062	- T2D risk	Body
cg23764381	ATRNL1	chr10	0.907078993	- T2D risk	TSS1500
cg07489488	DIP2C	chr10	0.907099566	- T2D risk	Body
cg09817217	PRKAG2	chr7	0.907252241	+ T2D risk	Body
cg09999250	CCNB1	chr5	0.907281234	+ T2D risk	TSS200
cg08500084	TPCN1	chr12	0.907302832	- T2D risk	TSS1500
cg26345259	KDM4B	chr19	0.90730453	+ T2D risk	5'UTR
cg20809153	ENAH	chr1	0.907337505	- T2D risk	Body
cg08162404	CPLX2	chr5	0.907368571	- T2D risk	5'UTR
cg02586348	PDLIM5	chr4	0.907449987	+ T2D risk	5'UTR
cg02586348	PDLIM5	chr4	0.907449987	+ T2D risk	Body
cg13089810	KREMEN1	chr22	0.907546573	- T2D risk	3'UTR
cg20923498	INPP4A	chr2	0.907560615	+ T2D risk	5'UTR

cg19647865	<i>FLT1</i>	chr13	0.90756438	+ T2D risk	Body
cg24655009	<i>KCNJ12</i>	chr17	0.907582332	- T2D risk	5'UTR
cg09071007	<i>IFT74</i>	chr9	0.907584389	- T2D risk	5'UTR
cg26605865	<i>DIP2C</i>	chr10	0.907675808	+ T2D risk	Body
cg08649501	<i>ULK4</i>	chr3	0.907713082	- T2D risk	5'UTR
cg09870606	<i>GLG1</i>	chr16	0.907797601	+ T2D risk	TSS1500
cg26884027	<i>PTPRU</i>	chr1	0.907815957	- T2D risk	Body
cg03673558	<i>KDM4B</i>	chr19	0.907835993	+ T2D risk	5'UTR
cg15443519	<i>HMBOX1</i>	chr8	0.907898668	- T2D risk	Body
cg04725433	<i>MAN1A2</i>	chr1	0.908089012	- T2D risk	Body
cg04294888	<i>TTC28</i>	chr22	0.908146403	- T2D risk	Body
cg23155066	<i>PDLIM5</i>	chr4	0.908631553	+ T2D risk	Body
cg06023252	<i>GLG1</i>	chr16	0.908638255	+ T2D risk	Body
cg06023252	<i>GLG1</i>	chr16	0.908638255	+ T2D risk	ExonBnd
cg22433284	<i>ITPKB</i>	chr1	0.908658011	- T2D risk	Body
cg11049750	<i>ASB9</i>	chrX	0.908681067	+ T2D risk	TSS1500
cg10599951	<i>RHOA</i>	chr3	0.908728008	+ T2D risk	Body
cg26745520	<i>GRK5</i>	chr10	0.908765203	+ T2D risk	Body
cg17067190	<i>PDE3A</i>	chr12	0.908918422	- T2D risk	TSS1500
cg16531348	<i>AGPAT3</i>	chr21	0.908972246	+ T2D risk	5'UTR
cg27329507	<i>FAM155B</i>	chrX	0.909157773	- T2D risk	Body
cg11672447	<i>TSHZ1</i>	chr18	0.909251548	+ T2D risk	TSS1500
cg10668614	<i>CHID1</i>	chr11	0.909348107	+ T2D risk	TSS200
cg00801068	<i>COL4A1</i>	chr13	0.909372205	- T2D risk	Body
cg07581120	<i>GRK5</i>	chr10	0.909397643	+ T2D risk	Body
cg01123250	<i>UNC80</i>	chr2	0.909454789	+ T2D risk	Body
cg18387478	<i>ERC2</i>	chr3	0.909619245	+ T2D risk	Body
cg03558225	<i>ATP8A2</i>	chr13	0.909644552	+ T2D risk	Body
cg12892243	<i>NPAT</i>	chr11	0.90966756	- T2D risk	Body
cg23336210	<i>DNAJC1</i>	chr10	0.909766663	+ T2D risk	Body
cg00324733	<i>NUCB2</i>	chr11	0.909774042	- T2D risk	5'UTR
cg00324733	<i>NUCB2</i>	chr11	0.909774042	- T2D risk	1stExon
cg18954339	<i>PACS2</i>	chr14	0.909789077	+ T2D risk	TSS1500
cg23320300	<i>SKAP1</i>	chr17	0.909871747	- T2D risk	Body
cg10654390	<i>SGSM2</i>	chr17	0.909941883	+ T2D risk	Body
cg21332304	<i>NPEPPS</i>	chr17	0.909989432	- T2D risk	Body
cg22233994	<i>TMEM131</i>	chr2	0.909993451	- T2D risk	Body
cg23794377	<i>RTN4</i>	chr2	0.910143795	- T2D risk	Body
cg21279627	<i>FBXL2</i>	chr3	0.91022762	- T2D risk	Body
cg12589140	<i>CUX2</i>	chr12	0.910252155	+ T2D risk	Body
cg02334092	<i>ST6GAL1</i>	chr3	0.910328972	- T2D risk	5'UTR
cg24133297	<i>TBC1D5</i>	chr3	0.910338622	- T2D risk	3'UTR
cg17516945	<i>DDHD2</i>	chr8	0.910575591	+ T2D risk	TSS1500
cg07908055	<i>ULK4</i>	chr3	0.910636362	+ T2D risk	Body
cg18949641	<i>NF1</i>	chr17	0.910726699	+ T2D risk	5'UTR
cg18949641	<i>NF1</i>	chr17	0.910726699	+ T2D risk	1stExon
cg25545336	<i>FARSB</i>	chr2	0.910758689	- T2D risk	TSS200
cg26420413	<i>EVI5</i>	chr1	0.910813633	- T2D risk	Body
cg01669085	<i>ATP8A2</i>	chr13	0.911013253	- T2D risk	Body
cg09962086	<i>RTN4</i>	chr2	0.911193913	+ T2D risk	Body
cg09962086	<i>RTN4</i>	chr2	0.911193913	+ T2D risk	5'UTR
cg03012452	<i>PHACTR1</i>	chr6	0.91120639	+ T2D risk	Body
cg13137809	<i>GNA12</i>	chr7	0.911256304	+ T2D risk	3'UTR
cg10735091	<i>CUX1</i>	chr7	0.911291894	+ T2D risk	Body
cg22802974	<i>CHID1</i>	chr11	0.911385984	+ T2D risk	TSS1500
cg24234984	<i>ITGB1</i>	chr10	0.911701666	+ T2D risk	Body
cg09507526	<i>PRKCB</i>	chr16	0.91179851	+ T2D risk	Body
cg23070153	<i>CUX2</i>	chr12	0.911869699	- T2D risk	Body
cg19518046	<i>ULK4</i>	chr3	0.911984915	- T2D risk	5'UTR
cg14446942	<i>ITGB1</i>	chr10	0.912025774	+ T2D risk	TSS1500
cg26713008	<i>BCAT1</i>	chr12	0.912145032	+ T2D risk	Body
cg10592667	<i>PHF21A</i>	chr11	0.912157769	- T2D risk	Body
cg26475921	<i>SNX4</i>	chr3	0.912170507	+ T2D risk	TSS1500
cg02073763	<i>PRKCE</i>	chr2	0.912271744	+ T2D risk	Body
cg19333507	<i>ATRNL1</i>	chr10	0.912469229	- T2D risk	TSS1500
cg26499561	<i>POLA1</i>	chrX	0.912595013	+ T2D risk	Body
cg03086379	<i>TTC28</i>	chr22	0.912725082	- T2D risk	Body
cg10660498	<i>CUX1</i>	chr7	0.913014962	- T2D risk	Body
cg00100375	<i>TENM2</i>	chr5	0.91315544	+ T2D risk	Body
cg06879705	<i>TSGA10</i>	chr2	0.913162948	- T2D risk	TSS1500

cg04880195	ENAH	chr1	0.913412243	- T2D risk	TSS1500
cg02703404	EFCAB14	chr1	0.913444021	- T2D risk	Body
cg13063900	PDE3A	chr12	0.913581226	- T2D risk	Body
cg26203879	GRK5	chr10	0.913643595	+ T2D risk	Body
cg16140493	KREMEN1	chr22	0.913792804	+ T2D risk	Body
cg21631220	ATP8A2	chr13	0.91380235	+ T2D risk	Body
cg03718885	MET	chr7	0.913886619	- T2D risk	Body
cg06741329	GRK5	chr10	0.913890738	+ T2D risk	Body
cg23444468	ERC2	chr3	0.91407541	- T2D risk	5'UTR
cg25940769	PRKCE	chr2	0.914090771	- T2D risk	Body
cg16174717	ATXN1	chr6	0.91413505	+ T2D risk	5'UTR
cg10659748	ROBO2	chr3	0.914166228	- T2D risk	Body
cg22395369	ATP4A	chr19	0.914258816	- T2D risk	TSS1500
cg09476325	ITGB1	chr10	0.914330253	+ T2D risk	3'UTR
cg16528638	PRKACB	chr1	0.914330935	+ T2D risk	5'UTR
cg16528638	PRKACB	chr1	0.914330935	+ T2D risk	1stExon
cg16528638	PRKACB	chr1	0.914330935	+ T2D risk	Body
cg27292555	HMBX1	chr8	0.91438958	+ T2D risk	5'UTR
cg08757017	PTP4A2	chr1	0.914446169	- T2D risk	5'UTR
cg08757017	PTP4A2	chr1	0.914446169	- T2D risk	TSS1500
cg07633256	TENM2	chr5	0.914465515	+ T2D risk	Body
cg21543674	ANK3	chr10	0.914508744	+ T2D risk	Body
cg06245825	PDLIM5	chr4	0.914664963	- T2D risk	5'UTR
cg06245825	PDLIM5	chr4	0.914664963	- T2D risk	Body
cg15321195	AGPAT3	chr21	0.914868377	- T2D risk	5'UTR
cg21338479	CUX1	chr7	0.914873129	- T2D risk	1stExon
cg18737941	PACRG	chr6	0.914946842	+ T2D risk	Body
cg23858094	NOL4	chr18	0.914971739	- T2D risk	5'UTR
cg23858094	NOL4	chr18	0.914971739	- T2D risk	Body
cg08670383	CPLX2	chr5	0.914994754	- T2D risk	5'UTR
cg23009014	SCAF11	chr12	0.915051311	+ T2D risk	Body
cg09690405	RAP1GAP2	chr17	0.91505296	- T2D risk	3'UTR
cg14521391	PACRG	chr6	0.915286392	- T2D risk	Body
cg23300586	TSGA10	chr2	0.915303372	+ T2D risk	5'UTR
cg18127395	DYNC111	chr7	0.91534638	- T2D risk	5'UTR
cg10242494	SCAF8	chr6	0.91562137	+ T2D risk	Body
cg05506008	RAP1GAP2	chr17	0.915655362	+ T2D risk	Body
cg05137945	ADCY5	chr3	0.915657667	+ T2D risk	Body
cg02419211	RAP1GAP2	chr17	0.915908676	- T2D risk	Body
cg15868652	PTPRU	chr1	0.915927455	- T2D risk	Body
cg08081059	SKAP1	chr17	0.915996746	+ T2D risk	Body
cg18009021	PDLIM5	chr4	0.916020533	+ T2D risk	Body
cg18379850	ARPP19	chr15	0.916032472	+ T2D risk	Body
cg13364372	PI15	chr8	0.916062743	- T2D risk	TSS1500
cg04617596	SLIT3	chr5	0.916084882	+ T2D risk	Body
cg23800778	PACRG	chr6	0.916130028	- T2D risk	Body
cg23654019	CUX2	chr12	0.916173283	- T2D risk	Body
cg11515843	SGSM2	chr17	0.916213643	- T2D risk	Body
cg02294651	RRAGB	chrX	0.916243428	- T2D risk	Body
cg07582661	TMEM59	chr1	0.91627291	+ T2D risk	Body
cg26363598	DIP2C	chr10	0.916332314	- T2D risk	Body
cg18539169	CLOCK	chr4	0.916547246	- T2D risk	5'UTR
cg23460430	PLAGL1	chr6	0.916596877	+ T2D risk	TSS1500
cg23460430	PLAGL1	chr6	0.916596877	+ T2D risk	5'UTR
cg23822407	ZHX2	chr8	0.916720594	+ T2D risk	3'UTR
cg05567408	ATXN1	chr6	0.916831489	- T2D risk	3'UTR
cg02551396	JPH2	chr20	0.916833499	+ T2D risk	1stExon
cg02551396	JPH2	chr20	0.916833499	+ T2D risk	5'UTR
cg03184001	ARL15	chr5	0.916990555	- T2D risk	Body
cg02631587	TMEM131	chr2	0.917277007	- T2D risk	Body
cg01577980	MET	chr7	0.917326439	+ T2D risk	Body
cg23909237	ANK3	chr10	0.917449209	+ T2D risk	Body
cg06615743	KDM4B	chr19	0.917547957	+ T2D risk	Body
cg27053969	FNIP2	chr4	0.917741259	- T2D risk	Body
cg17556527	CHKA	chr11	0.917922453	+ T2D risk	Body
cg24064073	RHBDD1	chr2	0.918002216	- T2D risk	Body
cg19450817	TENM2	chr5	0.918200633	+ T2D risk	Body
cg25971823	ACSS2	chr20	0.918336865	- T2D risk	Body
cg25971823	ACSS2	chr20	0.918336865	- T2D risk	3'UTR
cg19412964	PRKAG2	chr7	0.918342272	+ T2D risk	Body

cg26561148	<i>FBXL2</i>	chr3	0.91839403	+ T2D risk	TSS200
cg09938978	<i>ZDHC2</i>	chr8	0.918440886	- T2D risk	Body
cg27261412	<i>WIZ</i>	chr19	0.918507071	- T2D risk	Body
cg03902160	<i>PTPRU</i>	chr1	0.918548412	- T2D risk	Body
cg13861399	<i>RBM4</i>	chr11	0.918594817	+ T2D risk	3'UTR
cg21016956	<i>NOL4</i>	chr18	0.918691004	+ T2D risk	Body
cg23195522	<i>PICALM</i>	chr11	0.918691448	- T2D risk	5'UTR
cg23195522	<i>PICALM</i>	chr11	0.918691448	- T2D risk	Body
cg22146252	<i>KCNJ12</i>	chr17	0.918752747	- T2D risk	5'UTR
cg12399393	<i>DIP2C</i>	chr10	0.918888231	- T2D risk	Body
cg12486630	<i>PDLIM5</i>	chr4	0.918969504	- T2D risk	5'UTR
cg12486630	<i>PDLIM5</i>	chr4	0.918969504	- T2D risk	Body
cg17043823	<i>RSF1</i>	chr11	0.918992805	+ T2D risk	Body
cg09331735	<i>DIP2C</i>	chr10	0.919101924	- T2D risk	Body
cg23966705	<i>SPAG9</i>	chr17	0.919130742	- T2D risk	TSS1500
cg13343638	<i>CLEC16A</i>	chr16	0.9191986	+ T2D risk	Body
cg13343638	<i>CLEC16A</i>	chr16	0.9191986	+ T2D risk	ExonBnd
cg00341980	<i>PRKACB</i>	chr1	0.919221132	+ T2D risk	Body
cg13775636	<i>DIP2C</i>	chr10	0.919272305	+ T2D risk	Body
cg25839267	<i>ROBO2</i>	chr3	0.919362923	- T2D risk	Body
cg26681889	<i>TPCN1</i>	chr12	0.919530935	+ T2D risk	Body
cg17318058	<i>DIP2C</i>	chr10	0.919548534	+ T2D risk	Body
cg09845387	<i>PDE8A</i>	chr15	0.919762076	+ T2D risk	5'UTR
cg09845387	<i>PDE8A</i>	chr15	0.919762076	+ T2D risk	Body
cg05308498	<i>ANK3</i>	chr10	0.919825776	+ T2D risk	Body
cg13833994	<i>CDK8</i>	chr13	0.919857593	- T2D risk	TSS1500
cg01782371	<i>ATP8A2</i>	chr13	0.919927338	+ T2D risk	1stExon
cg01782371	<i>ATP8A2</i>	chr13	0.919927338	+ T2D risk	5'UTR
cg13199842	<i>RGS7</i>	chr1	0.91993144	- T2D risk	Body
cg27241559	<i>GNA12</i>	chr7	0.919951717	+ T2D risk	TSS200
cg02255236	<i>SLIT3</i>	chr5	0.919954363	+ T2D risk	Body
cg10165864	<i>PKD1</i>	chr2	0.920003691	+ T2D risk	TSS1500
cg27313325	<i>SLC29A4</i>	chr7	0.920016368	- T2D risk	5'UTR
cg26609691	<i>CHFR</i>	chr12	0.920202481	- T2D risk	Body
cg06286127	<i>ZHX2</i>	chr8	0.920478283	+ T2D risk	3'UTR
cg26153922	<i>ANK2</i>	chr4	0.920481486	+ T2D risk	Body
cg05620814	<i>GLG1</i>	chr16	0.92050971	+ T2D risk	Body
cg05620814	<i>GLG1</i>	chr16	0.92050971	+ T2D risk	1stExon
cg17953577	<i>DNAH9</i>	chr17	0.920651514	+ T2D risk	TSS1500
cg04338714	<i>RSF1</i>	chr11	0.920740286	- T2D risk	Body
cg16256373	<i>SLC30A8</i>	chr8	0.92105485	- T2D risk	5'UTR
cg16256373	<i>SLC30A8</i>	chr8	0.92105485	- T2D risk	1stExon
cg18829521	<i>KIAA1217</i>	chr10	0.921147249	+ T2D risk	TSS1500
cg18829521	<i>KIAA1217</i>	chr10	0.921147249	+ T2D risk	5'UTR
cg13318256	<i>CHKA</i>	chr11	0.921379162	+ T2D risk	Body
cg25564485	<i>DIP2C</i>	chr10	0.921428772	+ T2D risk	Body
cg07356130	<i>CTR9</i>	chr11	0.921554639	- T2D risk	TSS1500
cg10140240	<i>BIRC5</i>	chr17	0.921591937	+ T2D risk	3'UTR
cg27456203	<i>WWP2</i>	chr16	0.92166666	- T2D risk	Body
cg19194454	<i>NQO1</i>	chr16	0.921710728	+ T2D risk	TSS1500
cg25956450	<i>UXS1</i>	chr2	0.921851341	- T2D risk	TSS200
cg06688790	<i>ATP4A</i>	chr19	0.921881392	- T2D risk	TSS1500
cg09354309	<i>ST8SIA1</i>	chr12	0.921887614	- T2D risk	1stExon
cg09354309	<i>ST8SIA1</i>	chr12	0.921887614	- T2D risk	5'UTR
cg22583953	<i>WWP2</i>	chr16	0.921920431	- T2D risk	TSS1500
cg22583953	<i>WWP2</i>	chr16	0.921920431	- T2D risk	Body
cg00562504	<i>DIP2C</i>	chr10	0.922013825	+ T2D risk	Body
cg16671421	<i>ANKHD1</i>	chr5	0.922129683	+ T2D risk	Body
cg01643250	<i>NOTCH3</i>	chr19	0.922147386	- T2D risk	Body
cg10774361	<i>TMEM150C</i>	chr4	0.922183066	+ T2D risk	TSS1500
cg04226363	<i>APC</i>	chr5	0.922235492	- T2D risk	5'UTR
cg10712934	<i>DIP2C</i>	chr10	0.922290283	- T2D risk	Body
cg03305034	<i>CDH22</i>	chr20	0.922293252	- T2D risk	Body
cg15784646	<i>FNIP2</i>	chr4	0.922314933	- T2D risk	Body
cg03614189	<i>IMPA1</i>	chr8	0.922340094	- T2D risk	5'UTR
cg24781079	<i>RHOQ</i>	chr2	0.922493659	+ T2D risk	TSS1500
cg16421726	<i>ZRANB1</i>	chr10	0.922605199	- T2D risk	TSS1500
cg04027549	<i>STX6</i>	chr1	0.922670658	- T2D risk	5'UTR
cg04027549	<i>STX6</i>	chr1	0.922670658	- T2D risk	1stExon
cg24636003	<i>PTPRU</i>	chr1	0.922711417	+ T2D risk	Body

cg24568245	NPAT	chr11	0.922760322	+ T2D risk	Body
cg08605347	DIP2C	chr10	0.922806495	+ T2D risk	Body
cg20816363	DIP2C	chr10	0.922907479	+ T2D risk	Body
cg23390282	ATRNL1	chr10	0.922923342	- T2D risk	Body
cg07631341	PDE8A	chr15	0.92308623	- T2D risk	5'UTR
cg07631341	PDE8A	chr15	0.92308623	- T2D risk	TSS1500
cg24434952	RHBDD1	chr2	0.923183684	- T2D risk	Body
cg22778135	SKAP1	chr17	0.923232835	+ T2D risk	Body
cg04160181	LMX1B	chr9	0.92323869	- T2D risk	Body
cg07756635	USP29	chr19	0.923246847	+ T2D risk	TSS200
cg12570013	USP29	chr19	0.923289005	+ T2D risk	TSS1500
cg15327349	INPP4A	chr2	0.923314931	- T2D risk	5'UTR
cg24958408	ACTN4	chr19	0.923443949	+ T2D risk	Body
cg02795976	GRK5	chr10	0.923490607	- T2D risk	Body
cg08951699	KCNIP3	chr2	0.923703419	- T2D risk	Body
cg03229242	DIP2C	chr10	0.923737421	- T2D risk	Body
cg21752670	RNF157	chr17	0.923741564	+ T2D risk	Body
cg25161425	TENM2	chr5	0.924018354	- T2D risk	Body
cg00942285	NUF2	chr1	0.924089715	- T2D risk	Body
cg17206054	DIP2C	chr10	0.924133144	+ T2D risk	Body
cg05386697	RSF1	chr11	0.924139427	+ T2D risk	Body
cg03336861	RET	chr10	0.924142481	+ T2D risk	TSS1500
cg06615609	TSHZ1	chr18	0.924149708	- T2D risk	5'UTR
cg06615609	TSHZ1	chr18	0.924149708	- T2D risk	Body
cg10184881	PTP4A2	chr1	0.924153614	+ T2D risk	TSS1500
cg25761809	KDM4B	chr19	0.924232449	+ T2D risk	TSS1500
cg04748213	PRKAG2	chr7	0.924493391	- T2D risk	Body
cg22557641	DNAJC1	chr10	0.924731905	- T2D risk	Body
cg19926144	DIP2C	chr10	0.924777561	- T2D risk	Body
cg25304968	ATP6V1A	chr3	0.925179608	- T2D risk	Body
cg09930648	SLIT3	chr5	0.925218086	- T2D risk	Body
cg15544877	HNRNPA2B1	chr7	0.925369992	+ T2D risk	TSS1500
cg22359642	TTC28	chr22	0.925374757	- T2D risk	Body
cg16809873	ARHGAP32	chr11	0.925787564	+ T2D risk	Body
cg19643442	DYNC111	chr7	0.925924577	+ T2D risk	Body
cg02202612	TANC2	chr17	0.926111203	- T2D risk	Body
cg26949467	FBXO11	chr2	0.926246245	+ T2D risk	1stExon
cg23338381	HMBOX1	chr8	0.926312683	- T2D risk	3'UTR
cg14129775	DDK1	chr4	0.926350872	- T2D risk	TSS1500
cg10670187	DACH1	chr13	0.926459219	- T2D risk	Body
cg01580934	SRPK2	chr7	0.926476646	- T2D risk	Body
cg01580934	SRPK2	chr7	0.926476646	- T2D risk	TSS1500
cg26796245	ANK2	chr4	0.926569261	- T2D risk	1stExon
cg26796245	ANK2	chr4	0.926569261	- T2D risk	5'UTR
cg26796245	ANK2	chr4	0.926569261	- T2D risk	Body
cg18101414	CUX2	chr12	0.926577392	+ T2D risk	Body
cg04865553	ADCY5	chr3	0.926668773	+ T2D risk	Body
cg25496129	ZHX2	chr8	0.926669075	- T2D risk	5'UTR
cg25205423	RBM4	chr11	0.926669743	- T2D risk	Body
cg20293906	POC1B	chr12	0.926771638	- T2D risk	5'UTR
cg20293906	POC1B	chr12	0.926771638	- T2D risk	Body
cg13663976	NQO1	chr16	0.926957462	+ T2D risk	3'UTR
cg14381568	FLT1	chr13	0.926961094	- T2D risk	Body
cg23324939	AGPAT3	chr21	0.926992483	- T2D risk	5'UTR
cg07974987	MTHFS	chr15	0.927046041	+ T2D risk	Body
cg16970851	ST8SIA1	chr12	0.927135106	- T2D risk	TSS200
cg08854451	ANK3	chr10	0.927190964	+ T2D risk	TSS1500
cg08854451	ANK3	chr10	0.927190964	+ T2D risk	Body
cg22369318	CALD1	chr7	0.927257965	+ T2D risk	Body
cg12002997	DNAH9	chr17	0.927344562	+ T2D risk	Body
cg17568885	PACS1	chr11	0.927350219	+ T2D risk	Body
cg10834214	RBBP6	chr16	0.927451098	- T2D risk	5'UTR
cg10834214	RBBP6	chr16	0.927451098	- T2D risk	1stExon
cg13433796	BCAT1	chr12	0.927472785	+ T2D risk	Body
cg04381309	PPP1R12A	chr12	0.927547356	+ T2D risk	Body
cg04381309	PPP1R12A	chr12	0.927547356	+ T2D risk	ExonBnd
cg17198320	DIP2C	chr10	0.927707895	- T2D risk	Body
cg01648226	STX6	chr1	0.927813785	+ T2D risk	TSS200
cg00013759	PRKAG2	chr7	0.927898372	+ T2D risk	5'UTR
cg00013759	PRKAG2	chr7	0.927898372	+ T2D risk	Body

cg10016332	SH3GL2	chr9	0.928237084	+ T2D risk	TSS200
cg02633884	PICALM	chr11	0.928310999	+ T2D risk	Body
cg11207515	CNTNAP2	chr7	0.92839555	+ T2D risk	Body
cg10005464	ZHX2	chr8	0.928562722	+ T2D risk	Body
cg03359183	DACH1	chr13	0.928585243	- T2D risk	Body
cg17756094	PDE7A	chr8	0.928588688	+ T2D risk	Body
cg23740067	FBXO11	chr2	0.928836602	- T2D risk	ExonBnd
cg23740067	FBXO11	chr2	0.928836602	- T2D risk	Body
cg24278087	PACS1	chr11	0.928884196	+ T2D risk	Body
cg15433843	SSB	chr2	0.929125105	- T2D risk	TSS200
cg15433843	SSB	chr2	0.929125105	- T2D risk	TSS1500
cg21838933	CUL1	chr7	0.929290939	+ T2D risk	Body
cg01765641	TBC1D5	chr3	0.929348443	+ T2D risk	5'UTR
cg01765641	TBC1D5	chr3	0.929348443	+ T2D risk	1stExon
cg10941858	ARID2	chr12	0.929418229	+ T2D risk	Body
cg14883106	PACS2	chr14	0.929595064	- T2D risk	Body
cg24036689	ATRNL	chr20	0.929687756	- T2D risk	Body
cg00738815	PRKCE	chr2	0.929707166	+ T2D risk	Body
cg08062011	TMEM150C	chr4	0.929763908	- T2D risk	TSS200
cg12691503	APC	chr5	0.9297664	+ T2D risk	Body
cg23194408	AGPAT3	chr21	0.929860331	- T2D risk	5'UTR
cg19936497	RSF1	chr11	0.929884009	+ T2D risk	Body
cg27329780	CNTNAP2	chr7	0.929936599	+ T2D risk	Body
cg02913089	PDE8A	chr15	0.929938657	- T2D risk	Body
cg25530661	CLOCK	chr4	0.92995716	- T2D risk	3'UTR
cg11989683	PACS2	chr14	0.930033916	- T2D risk	5'UTR
cg11989683	PACS2	chr14	0.930033916	- T2D risk	TSS200
cg01421943	DKK2	chr4	0.930095049	+ T2D risk	3'UTR
cg02577253	GRK5	chr10	0.930288095	- T2D risk	Body
cg01520325	NF1	chr17	0.930301026	- T2D risk	Body
cg22813699	NCOA2	chr8	0.930481429	+ T2D risk	5'UTR
cg23962841	DIP2C	chr10	0.93086011	+ T2D risk	Body
cg09984349	CUL1	chr7	0.930997086	+ T2D risk	Body
cg16326335	DIP2C	chr10	0.931059303	- T2D risk	Body
cg23952952	CTR9	chr11	0.931061092	+ T2D risk	TSS1500
cg24473518	FNIP2	chr4	0.931146836	- T2D risk	Body
cg11479256	CDH22	chr20	0.931168719	- T2D risk	Body
cg03621156	FBXO11	chr2	0.931348225	+ T2D risk	TSS1500
cg03621156	FBXO11	chr2	0.931348225	+ T2D risk	Body
cg20421672	ATP6V1H	chr8	0.931402484	+ T2D risk	Body
cg01320648	KIAA1109	chr4	0.931415911	- T2D risk	TSS1500
cg07958098	CUX1	chr7	0.931514621	+ T2D risk	Body
cg10162572	GALK2	chr15	0.931526515	+ T2D risk	Body
cg27093958	PRKAG2	chr7	0.931538754	+ T2D risk	Body
cg19423907	UBE2K	chr4	0.931875375	- T2D risk	1stExon
cg19423907	UBE2K	chr4	0.931875375	- T2D risk	5'UTR
cg00477776	DIP2C	chr10	0.93193357	- T2D risk	Body
cg10600828	ZHX2	chr8	0.932049062	- T2D risk	5'UTR
cg09280022	DIP2C	chr10	0.932135526	+ T2D risk	Body
cg12736613	PRKAG2	chr7	0.932262334	- T2D risk	5'UTR
cg12736613	PRKAG2	chr7	0.932262334	- T2D risk	Body
cg10009287	RCAN2	chr6	0.932305045	+ T2D risk	Body
cg21712036	ATP2B1	chr12	0.932508159	+ T2D risk	1stExon
cg00522048	GRK5	chr10	0.932948022	- T2D risk	Body
cg24443925	NCOR1	chr17	0.932954621	- T2D risk	5'UTR
cg24443925	NCOR1	chr17	0.932954621	- T2D risk	1stExon
cg11937346	NDUFB3	chr2	0.933030956	+ T2D risk	TSS200
cg24465721	PFKFB2	chr1	0.933056315	+ T2D risk	5'UTR
cg04711042	FLT1	chr13	0.933090999	- T2D risk	Body
cg02167097	KIAA0355	chr19	0.933200698	+ T2D risk	Body
cg15126544	GAD1	chr2	0.93342029	- T2D risk	Body
cg25353069	APBA1	chr9	0.933701593	- T2D risk	5'UTR
cg07993642	NCOA7	chr6	0.933749821	- T2D risk	TSS1500
cg00954391	DIP2C	chr10	0.933791835	+ T2D risk	Body
cg06633147	PICALM	chr11	0.933804844	+ T2D risk	TSS1500
cg11028291	PACS2	chr14	0.933835525	- T2D risk	Body
cg18332471	RSF1	chr11	0.933896352	- T2D risk	Body
cg14141619	ANK3	chr10	0.933910565	+ T2D risk	Body
cg15972984	TSGA10	chr2	0.933979813	+ T2D risk	5'UTR
cg22712920	UXS1	chr2	0.933983072	+ T2D risk	Body

cg19205482	BCAT1	chr12	0.934021742	- T2D risk	Body
cg09305491	PRKCB	chr16	0.934417968	+ T2D risk	Body
cg06185440	PHACTR1	chr6	0.934446869	- T2D risk	Body
cg23053513	DNAJC1	chr10	0.934626312	+ T2D risk	TSS1500
cg23374955	PRKCE	chr2	0.934641546	+ T2D risk	Body
cg19571504	CUX2	chr12	0.934859952	+ T2D risk	Body
cg12851031	RAP2A	chr13	0.934896995	- T2D risk	3'UTR
cg12917258	MMS19	chr10	0.934948139	+ T2D risk	Body
cg02712546	WWP2	chr16	0.93495228	- T2D risk	Body
cg05211561	PPP1R12A	chr12	0.934963723	+ T2D risk	Body
cg05211561	PPP1R12A	chr12	0.934963723	+ T2D risk	ExonBnd
cg00957886	PDE7A	chr8	0.935063914	- T2D risk	Body
cg08833024	PRKAG2	chr7	0.935320589	- T2D risk	Body
cg19389056	SLIT3	chr5	0.935356033	+ T2D risk	Body
cg03057023	DIP2C	chr10	0.935671958	- T2D risk	Body
cg14394677	NUP98	chr11	0.935705133	+ T2D risk	Body
cg09556170	ZHX2	chr8	0.935898052	+ T2D risk	5'UTR
cg20605626	SCGN	chr6	0.935905575	+ T2D risk	Body
cg01121978	SLC29A4	chr7	0.935969276	- T2D risk	Body
cg03940392	ULK4	chr3	0.9360037	- T2D risk	Body
cg03718514	RBM4	chr11	0.936259246	+ T2D risk	3'UTR
cg23589035	ASH1L	chr1	0.936323387	- T2D risk	Body
cg04115631	KDM4B	chr19	0.936374956	+ T2D risk	Body
cg27524403	SGSM2	chr17	0.936391	+ T2D risk	Body
cg04211238	TENM2	chr5	0.93640116	- T2D risk	Body
cg26474925	ZHX2	chr8	0.936575277	- T2D risk	TSS1500
cg05958740	CPLX2	chr5	0.936580131	+ T2D risk	5'UTR
cg13108341	DNAH9	chr17	0.936636919	+ T2D risk	Body
cg09347495	CLIC5	chr6	0.93666644	+ T2D risk	TSS1500
cg13107083	PDE3A	chr12	0.936822649	- T2D risk	Body
cg13461192	RHOQ	chr2	0.936918448	- T2D risk	Body
cg20411181	PRKCE	chr2	0.937159479	+ T2D risk	Body
cg06727598	TAB2	chr6	0.937187135	+ T2D risk	5'UTR
cg06727598	TAB2	chr6	0.937187135	+ T2D risk	Body
cg22729960	PTPRU	chr1	0.937188157	- T2D risk	Body
cg09597759	CNTNAP2	chr7	0.93719798	- T2D risk	Body
cg11572845	SCAF8	chr6	0.937312426	+ T2D risk	Body
cg03464847	DNAH9	chr17	0.937425938	+ T2D risk	TSS200
cg08941570	CEP126	chr11	0.937495217	- T2D risk	ExonBnd
cg08941570	CEP126	chr11	0.937495217	- T2D risk	Body
cg02373104	CNTNAP2	chr7	0.937549326	+ T2D risk	Body
cg26103788	KIAA1217	chr10	0.937671125	- T2D risk	Body
cg06196954	CALD1	chr7	0.937857324	+ T2D risk	5'UTR
cg06927625	SRPK2	chr7	0.938033711	- T2D risk	Body
cg06927625	SRPK2	chr7	0.938033711	- T2D risk	5'UTR
cg06927625	SRPK2	chr7	0.938033711	- T2D risk	TSS1500
cg09862303	SLIT3	chr5	0.938075388	+ T2D risk	Body
cg03498913	GAD1	chr2	0.938132698	- T2D risk	1stExon
cg03498913	GAD1	chr2	0.938132698	- T2D risk	5'UTR
cg18009045	GRK5	chr10	0.938195501	+ T2D risk	Body
cg25109009	NQO1	chr16	0.938253397	+ T2D risk	Body
cg14365083	DNAJC13	chr3	0.938308628	- T2D risk	Body
cg14365083	DNAJC13	chr3	0.938308628	- T2D risk	ExonBnd
cg14550506	ROBO2	chr3	0.93837802	+ T2D risk	5'UTR
cg14550506	ROBO2	chr3	0.93837802	+ T2D risk	Body
cg06724394	CHKA	chr11	0.938684515	+ T2D risk	Body
cg03495744	SKAP1	chr17	0.938774584	- T2D risk	Body
cg00356435	CUL1	chr7	0.938964918	+ T2D risk	TSS1500
cg07260605	ZRANB1	chr10	0.939035432	- T2D risk	TSS200
cg11760356	TSGA10	chr2	0.939617628	- T2D risk	5'UTR
cg05843010	ENAH	chr1	0.939674505	- T2D risk	Body
cg16525897	ASXL2	chr2	0.939687966	+ T2D risk	Body
cg04490037	DDC	chr7	0.939886553	- T2D risk	TSS1500
cg03075561	NDUFB3	chr2	0.940034309	+ T2D risk	5'UTR
cg03075561	NDUFB3	chr2	0.940034309	+ T2D risk	1stExon
cg25881459	NF1	chr17	0.94008114	- T2D risk	Body
cg11109510	SSB	chr2	0.940189372	+ T2D risk	TSS200
cg03693714	MGRN1	chr16	0.940362149	- T2D risk	Body
cg20145176	RSF1	chr11	0.940377982	- T2D risk	Body
cg26932364	DDC	chr7	0.940403534	- T2D risk	Body

cg05240442	CUX1	chr7	0.940448347	+ T2D risk	Body
cg06251764	KIAA1217	chr10	0.940466159	- T2D risk	TSS1500
cg19682001	RHBDD1	chr2	0.94054074	+ T2D risk	5'UTR
cg22210294	KCNJ12	chr17	0.940670526	+ T2D risk	5'UTR
cg19716299	TSC22D1	chr13	0.940894449	+ T2D risk	Body
cg14776616	KIAA1217	chr10	0.940914837	- T2D risk	5'UTR
cg14776616	KIAA1217	chr10	0.940914837	- T2D risk	Body
cg13400720	ATXN1	chr6	0.941009792	+ T2D risk	5'UTR
cg16800724	GLG1	chr16	0.941038452	- T2D risk	3'UTR
cg16800724	GLG1	chr16	0.941038452	- T2D risk	Body
cg06660278	APC	chr5	0.941060879	- T2D risk	Body
cg06660278	APC	chr5	0.941060879	- T2D risk	5'UTR
cg05968596	EFR3A	chr8	0.94124572	+ T2D risk	Body
cg25430350	PRKCE	chr2	0.941470019	- T2D risk	Body
cg03037416	DNAJC1	chr10	0.941514769	+ T2D risk	Body
cg13263904	TSGA10	chr2	0.941583719	+ T2D risk	TSS1500
cg13263904	TSGA10	chr2	0.941583719	+ T2D risk	5'UTR
cg16997488	ITGA1	chr5	0.941664619	- T2D risk	TSS200
cg27024992	FBXO11	chr2	0.941678781	+ T2D risk	5'UTR
cg18227352	POC1B	chr12	0.941728955	- T2D risk	Body
cg02841199	LCA5	chr6	0.94179076	+ T2D risk	TSS1500
cg24990327	CNTNAP2	chr7	0.94185263	+ T2D risk	Body
cg14263244	PPP1R12A	chr12	0.941886315	- T2D risk	TSS1500
cg06856863	GLG1	chr16	0.941943272	+ T2D risk	Body
cg02673938	KDM4B	chr19	0.942057148	- T2D risk	5'UTR
cg18759429	APC	chr5	0.942095652	- T2D risk	Body
cg27485287	RRAGB	chrX	0.942487135	+ T2D risk	Body
cg18812366	PHACTR1	chr6	0.942557851	+ T2D risk	Body
cg02553170	PRKACB	chr1	0.942568066	+ T2D risk	Body
cg07374698	INPP4A	chr2	0.942580958	+ T2D risk	Body
cg03640051	ATP8A1	chr4	0.942581251	- T2D risk	Body
cg22070062	ANK3	chr10	0.9427721	- T2D risk	TSS1500
cg22070062	ANK3	chr10	0.9427721	- T2D risk	Body
cg15853478	AMD1	chr6	0.942818662	+ T2D risk	TSS1500
cg04240200	ATRNL	chr20	0.942890055	- T2D risk	TSS1500
cg22831256	DIP2C	chr10	0.942925893	+ T2D risk	Body
cg17398595	SH3GL2	chr9	0.942998475	- T2D risk	TSS1500
cg02477365	ROBO2	chr3	0.943087715	+ T2D risk	Body
cg02358647	SCGN	chr6	0.943186685	- T2D risk	Body
cg05848345	ARHGAP32	chr11	0.943213898	- T2D risk	Body
cg11043888	ZRANB1	chr10	0.94358023	- T2D risk	Body
cg25638443	ST8SIA1	chr12	0.943624125	- T2D risk	Body
cg00294550	ANK3	chr10	0.943643159	+ T2D risk	Body
cg23849410	UNC80	chr2	0.943649364	+ T2D risk	Body
cg24627299	MET	chr7	0.9436663	+ T2D risk	TSS1500
cg01377061	KCNJ12	chr17	0.943682093	+ T2D risk	5'UTR
cg26604214	RAP1GAP2	chr17	0.943700351	- T2D risk	Body
cg09808176	NPAT	chr11	0.943767282	- T2D risk	Body
cg00501467	PHACTR1	chr6	0.943785777	+ T2D risk	Body
cg05358946	INPP4A	chr2	0.94381202	- T2D risk	5'UTR
cg20089535	KCNIP3	chr2	0.943893556	- T2D risk	Body
cg01438658	NCOA7	chr6	0.943903167	- T2D risk	5'UTR
cg23352695	NF1	chr17	0.943944842	+ T2D risk	Body
cg23092782	ITGA1	chr5	0.943988761	+ T2D risk	Body
cg03436967	CNTNAP2	chr7	0.944088731	+ T2D risk	Body
cg03763240	ACTN4	chr19	0.944141632	- T2D risk	Body
cg11874016	RAP2A	chr13	0.944242029	+ T2D risk	Body
cg17243816	NPAT	chr11	0.944326939	+ T2D risk	Body
cg05463900	PACS1	chr11	0.944351719	+ T2D risk	Body
cg00661512	ATP8A1	chr4	0.944388345	- T2D risk	Body
cg10996349	CPLX2	chr5	0.944405674	+ T2D risk	5'UTR
cg00453583	GPC4	chrX	0.944450883	- T2D risk	Body
cg15700587	CNTNAP2	chr7	0.944564257	- T2D risk	Body
cg07923717	MMS19	chr10	0.944687547	+ T2D risk	TSS1500
cg12903174	RGS7	chr1	0.944810215	- T2D risk	Body
cg13168437	EVI5	chr1	0.944879808	+ T2D risk	Body
cg16282982	YWHAQ	chr2	0.944969122	- T2D risk	5'UTR
cg21272913	KIAA1217	chr10	0.945004662	- T2D risk	1stExon
cg21272913	KIAA1217	chr10	0.945004662	- T2D risk	5'UTR
cg24025567	CUX1	chr7	0.945075876	+ T2D risk	Body

cg02316239	ANKHD1	chr5	0.945102585	+ T2D risk	Body
cg06058319	PPFIBP1	chr12	0.945105319	- T2D risk	5'UTR
cg06058319	PPFIBP1	chr12	0.945105319	- T2D risk	1stExon
cg04524109	TPCN1	chr12	0.945119284	- T2D risk	Body
cg15205568	NOTCH3	chr19	0.945197478	- T2D risk	Body
cg19889583	TBC1D5	chr3	0.945212113	- T2D risk	Body
cg01087456	ARIH1	chr15	0.945213893	+ T2D risk	Body
cg17669573	WWP2	chr16	0.945232416	+ T2D risk	Body
cg03240609	UXS1	chr2	0.945273952	- T2D risk	5'UTR
cg03240609	UXS1	chr2	0.945273952	- T2D risk	Body
cg16377888	RAP1GAP2	chr17	0.945277753	+ T2D risk	TSS1500
cg15096147	FLT1	chr13	0.945458022	- T2D risk	Body
cg23741982	MDM1	chr12	0.945613964	- T2D risk	TSS200
cg25945562	ZHX2	chr8	0.945918275	- T2D risk	5'UTR
cg07644482	HMBOX1	chr8	0.945943761	+ T2D risk	Body
cg06376186	CNTNAP2	chr7	0.9459449	+ T2D risk	Body
cg19624299	ERC2	chr3	0.945946407	+ T2D risk	3'UTR
cg06927522	CNTNAP2	chr7	0.946023665	- T2D risk	Body
cg21322235	RET	chr10	0.946179116	- T2D risk	Body
cg07083884	POLA1	chrX	0.946267115	- T2D risk	Body
cg02348597	ARHGAP32	chr11	0.94640022	- T2D risk	TSS200
cg02348597	ARHGAP32	chr11	0.94640022	- T2D risk	Body
cg14034092	CHFR	chr12	0.946468373	+ T2D risk	Body
cg11839258	PKD1	chr2	0.94646911	+ T2D risk	Body
cg24456033	ARL15	chr5	0.946488091	- T2D risk	Body
cg01883578	TOX3	chr16	0.946536471	+ T2D risk	5'UTR
cg01883578	TOX3	chr16	0.946536471	+ T2D risk	Body
cg06382294	MAST1	chr19	0.946559334	+ T2D risk	Body
cg06156195	DIP2C	chr10	0.946563606	+ T2D risk	Body
cg25091365	WWP2	chr16	0.946573368	- T2D risk	5'UTR
cg06438559	SPOCK1	chr5	0.946722005	+ T2D risk	Body
cg06298680	GRK5	chr10	0.946744366	- T2D risk	Body
cg04434701	CLEC16A	chr16	0.946791769	+ T2D risk	Body
cg26421633	ENAH	chr1	0.94682847	+ T2D risk	Body
cg06841713	DIP2C	chr10	0.946835579	+ T2D risk	Body
cg12893431	CLOCK	chr4	0.946947137	- T2D risk	Body
cg26187219	ITGA1	chr5	0.947136983	+ T2D risk	Body
cg26555733	PRKCB	chr16	0.947142458	+ T2D risk	TSS1500
cg21353232	SEZ6L	chr22	0.947231224	+ T2D risk	TSS1500
cg27185131	TANC2	chr17	0.947233113	- T2D risk	Body
cg18006794	AGPAT3	chr21	0.947266613	- T2D risk	5'UTR
cg12170804	CUX1	chr7	0.947307165	- T2D risk	Body
cg27054166	HMBOX1	chr8	0.94734775	+ T2D risk	Body
cg17121400	ATP8A2	chr13	0.947394375	- T2D risk	Body
cg00995797	ACSS2	chr20	0.947556198	- T2D risk	TSS1500
cg00995797	ACSS2	chr20	0.947556198	- T2D risk	5'UTR
cg19032567	PACS1	chr11	0.947566561	- T2D risk	Body
cg24462468	SKAP1	chr17	0.947659973	- T2D risk	Body
cg19942138	ANK2	chr4	0.947680526	- T2D risk	Body
cg26844733	TMEM219	chr16	0.947786426	- T2D risk	5'UTR
cg25961246	ATRNL1	chr10	0.947858541	- T2D risk	Body
cg06323332	MGRN1	chr16	0.947911406	- T2D risk	Body
cg02737746	SH3GL2	chr9	0.947943673	- T2D risk	TSS1500
cg14008500	ANK2	chr4	0.948031895	- T2D risk	1stExon
cg14008500	ANK2	chr4	0.948031895	- T2D risk	5'UTR
cg15619703	PRKCB	chr16	0.948103076	+ T2D risk	Body
cg10024508	CHID1	chr11	0.948126414	- T2D risk	Body
cg23480855	CUX1	chr7	0.948185381	+ T2D risk	Body
cg07538364	SLC7A2	chr8	0.948346215	+ T2D risk	Body
cg07066326	CHID1	chr11	0.948529801	- T2D risk	5'UTR
cg01812826	ZHX2	chr8	0.94861144	+ T2D risk	TSS200
cg09128430	AGPAT3	chr21	0.948814979	+ T2D risk	5'UTR
cg03361665	WIZ	chr19	0.948876421	+ T2D risk	5'UTR
cg03361665	WIZ	chr19	0.948876421	+ T2D risk	1stExon
cg27020749	HMBOX1	chr8	0.948881744	+ T2D risk	5'UTR
cg01667702	CNTROB	chr17	0.948940197	+ T2D risk	1stExon
cg10761987	ANK3	chr10	0.948969833	+ T2D risk	Body
cg02196730	MTHFS	chr15	0.949018455	+ T2D risk	Body
cg08258245	DYNC1I2	chr2	0.94914699	- T2D risk	Body
cg13424422	COL4A1	chr13	0.949184666	+ T2D risk	Body

cg03178972	POLA1	chrX	0.949307105	- T2D risk	Body
cg09430206	NQO1	chr16	0.949308574	+ T2D risk	5'UTR
cg09430206	NQO1	chr16	0.949308574	+ T2D risk	1stExon
cg03211481	DNAJC1	chr10	0.949455857	+ T2D risk	Body
cg10291857	SNX4	chr3	0.9495811	- T2D risk	Body
cg06629748	ANK2	chr4	0.949695849	- T2D risk	Body
cg25530795	SRPK2	chr7	0.949835493	+ T2D risk	Body
cg25530795	SRPK2	chr7	0.949835493	+ T2D risk	5'UTR
cg25530795	SRPK2	chr7	0.949835493	+ T2D risk	TSS1500
ch.12.561130F	BCAT1	chr12	0.949848352	- T2D risk	Body
cg25434272	ATRNL1	chr10	0.949875085	+ T2D risk	Body
cg15713739	RNF157	chr17	0.950085697	- T2D risk	Body
cg24197567	MET	chr7	0.950157424	- T2D risk	Body
cg16913600	SSBP2	chr5	0.950269497	- T2D risk	Body
cg08598988	ADCY5	chr3	0.950388299	- T2D risk	1stExon
cg27396978	PRKCB	chr16	0.950426753	+ T2D risk	Body
cg18732042	ANK3	chr10	0.950578552	+ T2D risk	Body
cg19563049	ATXN1	chr6	0.950585656	+ T2D risk	5'UTR
cg21347224	PPFIBP1	chr12	0.950613738	+ T2D risk	5'UTR
cg22233595	COL4A1	chr13	0.950620867	- T2D risk	Body
cg26766678	NGLY1	chr3	0.950629759	+ T2D risk	Body
cg26766678	NGLY1	chr3	0.950629759	+ T2D risk	TSS200
cg02820104	ZHX2	chr8	0.950653461	- T2D risk	5'UTR
cg10103520	PRKD1	chr14	0.950729984	- T2D risk	Body
cg04500377	DDHD2	chr8	0.950733025	+ T2D risk	5'UTR
cg19930065	IFT74	chr9	0.950734775	- T2D risk	Body
cg26813796	ENAH	chr1	0.950771162	- T2D risk	Body
cg05827943	HNRNPA2B1	chr7	0.950775273	+ T2D risk	TSS1500
cg02349914	SGSM2	chr17	0.950777429	+ T2D risk	Body
cg22926560	PFKFB2	chr1	0.950798124	- T2D risk	5'UTR
cg18976571	SRPK2	chr7	0.950814452	+ T2D risk	Body
cg08849661	GRK5	chr10	0.950857126	- T2D risk	Body
cg22997601	KDM4B	chr19	0.950935057	- T2D risk	Body
cg11180624	DYNC111	chr7	0.950946932	+ T2D risk	Body
cg22268025	STX6	chr1	0.951037937	+ T2D risk	TSS1500
cg16998122	ASH1L	chr1	0.951101115	- T2D risk	Body
cg04478673	WDR48	chr3	0.951119029	+ T2D risk	ExonBnd
cg04478673	WDR48	chr3	0.951119029	+ T2D risk	Body
cg02700106	DIP2C	chr10	0.951133286	+ T2D risk	Body
cg07062938	RHBDD1	chr2	0.95127126	- T2D risk	Body
cg11073447	CUX2	chr12	0.951325263	+ T2D risk	Body
cg13068174	ERC2	chr3	0.95134649	- T2D risk	3'UTR
cg00460944	CHFR	chr12	0.95158899	- T2D risk	Body
cg20115827	PCYT1A	chr3	0.951630849	+ T2D risk	5'UTR
cg00902463	RAP1GAP2	chr17	0.951644636	- T2D risk	3'UTR
cg04260737	RTN4	chr2	0.95167384	- T2D risk	TSS1500
cg04260737	RTN4	chr2	0.95167384	- T2D risk	Body
cg04430599	RPGR	chrX	0.951772521	- T2D risk	Body
cg21538684	PHACTR1	chr6	0.951825837	+ T2D risk	Body
cg02058469	TBC1D5	chr3	0.95187638	+ T2D risk	Body
cg18694685	DYNC111	chr7	0.951967282	+ T2D risk	Body
cg18694685	DYNC111	chr7	0.951967282	+ T2D risk	ExonBnd
cg23692214	ZRANB1	chr10	0.951982158	+ T2D risk	1stExon
cg10409832	TMEM131	chr2	0.952072442	- T2D risk	ExonBnd
cg10409832	TMEM131	chr2	0.952072442	- T2D risk	Body
cg21499137	TOP2A	chr17	0.95213199	- T2D risk	TSS200
cg00039463	CREBBP	chr16	0.952159577	+ T2D risk	TSS1500
cg08567670	TPCN1	chr12	0.952601172	- T2D risk	Body
cg08567670	TPCN1	chr12	0.952601172	- T2D risk	TSS1500
cg11989968	PDK1	chr2	0.952817546	- T2D risk	Body
cg23338380	CUX1	chr7	0.95284923	+ T2D risk	Body
cg22999327	PDE3A	chr12	0.952975459	- T2D risk	Body
cg18307442	PDE7A	chr8	0.95298965	- T2D risk	TSS1500
cg18307442	PDE7A	chr8	0.95298965	- T2D risk	Body
cg23861617	TMEM150C	chr4	0.953003574	+ T2D risk	Body
cg07694386	TMEM219	chr16	0.95301725	- T2D risk	TSS1500
cg27584713	PHACTR1	chr6	0.953167438	+ T2D risk	TSS1500
cg20716668	GRK5	chr10	0.953189072	+ T2D risk	Body
cg10872057	DIP2C	chr10	0.953328633	- T2D risk	Body
cg01142219	KIAA0232	chr4	0.953379159	+ T2D risk	TSS1500

cg16362603	SEMA3G	chr3	0.953469208	- T2D risk	1stExon
cg17910586	SEMA3G	chr3	0.953557555	+ T2D risk	TSS200
cg08951513	APC	chr5	0.953744497	- T2D risk	Body
cg12726835	NCOA2	chr8	0.953757122	+ T2D risk	5'UTR
cg22938535	FNIP2	chr4	0.953775972	- T2D risk	Body
cg20433382	RNF217	chr6	0.953828732	- T2D risk	Body
cg25078427	AGPAT3	chr21	0.954021363	+ T2D risk	5'UTR
cg25078427	AGPAT3	chr21	0.954021363	+ T2D risk	TSS1500
cg03726739	SLIT3	chr5	0.954040943	- T2D risk	Body
cg23371106	CNTNAP2	chr7	0.95410458	+ T2D risk	Body
cg14680686	CRYL1	chr13	0.954202985	+ T2D risk	Body
cg08237117	CHFR	chr12	0.954327957	+ T2D risk	Body
cg25661142	WIZ	chr19	0.95457383	- T2D risk	Body
cg07962641	HMBX1	chr8	0.954610892	- T2D risk	5'UTR
cg21235025	DACH1	chr13	0.954775097	- T2D risk	Body
cg25889115	SVIP	chr11	0.954836043	+ T2D risk	Body
cg11532302	PLAGL1	chr6	0.955155847	- T2D risk	TSS1500
cg11532302	PLAGL1	chr6	0.955155847	- T2D risk	5'UTR
cg06642945	PACRG	chr6	0.955398343	- T2D risk	Body
cg15878435	PLEKHG3	chr14	0.955537432	+ T2D risk	1stExon
cg15878435	PLEKHG3	chr14	0.955537432	+ T2D risk	5'UTR
cg03353442	DENND4C	chr9	0.955763646	+ T2D risk	Body
cg03353442	DENND4C	chr9	0.955763646	+ T2D risk	5'UTR
cg20771168	SRPK2	chr7	0.955773961	- T2D risk	Body
cg23962495	PRKCB	chr16	0.955804292	+ T2D risk	Body
cg21417381	TTC28	chr22	0.955902866	+ T2D risk	Body
cg08218437	PHACTR1	chr6	0.955906721	- T2D risk	Body
cg24534006	PRKCB	chr16	0.955908968	+ T2D risk	Body
cg12442677	TMEM219	chr16	0.955949198	+ T2D risk	Body
cg09307569	CLEC16A	chr16	0.956213368	- T2D risk	Body
cg09589374	ATP8A2	chr13	0.95637362	+ T2D risk	Body
cg12102607	GNA12	chr7	0.956395554	- T2D risk	Body
cg12102607	GNA12	chr7	0.956395554	- T2D risk	TSS200
cg00370926	CNTROB	chr17	0.956431304	- T2D risk	1stExon
cg00370926	CNTROB	chr17	0.956431304	- T2D risk	5'UTR
cg12097239	ARL8B	chr3	0.956441664	- T2D risk	TSS200
cg19277350	ATXN1	chr6	0.956489651	+ T2D risk	5'UTR
cg24872971	NCOA2	chr8	0.956554638	+ T2D risk	Body
cg18453621	LMX1B	chr9	0.956655071	- T2D risk	Body
cg01342042	DIP2C	chr10	0.956663454	- T2D risk	Body
cg18753516	TBC1D5	chr3	0.95679268	+ T2D risk	5'UTR
cg18753516	TBC1D5	chr3	0.95679268	+ T2D risk	TSS1500
cg01108370	PRKAG2	chr7	0.956850759	- T2D risk	TSS1500
cg01108370	PRKAG2	chr7	0.956850759	- T2D risk	Body
cg05726785	FLT1	chr13	0.956976573	- T2D risk	Body
cg21776797	GLA	chrX	0.957024564	+ T2D risk	1stExon
cg08563062	CALD1	chr7	0.957047764	- T2D risk	Body
cg22544889	ATP4A	chr19	0.957147431	+ T2D risk	Body
cg16072969	DDHD2	chr8	0.957264665	- T2D risk	TSS1500
cg09590216	POC1B	chr12	0.957418298	- T2D risk	Body
cg06741536	RAP1B	chr12	0.957719683	+ T2D risk	5'UTR
cg02704716	ATP6V1H	chr8	0.957732078	- T2D risk	Body
cg01926029	EFR3A	chr8	0.957914196	- T2D risk	Body
cg06152112	TPCN1	chr12	0.958116614	+ T2D risk	5'UTR
cg06152112	TPCN1	chr12	0.958116614	+ T2D risk	Body
cg10764357	BCAT1	chr12	0.958169275	- T2D risk	5'UTR
cg10764357	BCAT1	chr12	0.958169275	- T2D risk	1stExon
cg23701784	RHBDD1	chr2	0.958188078	- T2D risk	Body
cg21944372	CLIC5	chr6	0.958469012	- T2D risk	TSS1500
cg21944372	CLIC5	chr6	0.958469012	- T2D risk	Body
cg02995664	TMEM131	chr2	0.958579851	+ T2D risk	TSS1500
cg05999828	ULK4	chr3	0.95861359	+ T2D risk	Body
cg25456317	KIAA1109	chr4	0.958699134	+ T2D risk	Body
cg21940038	RAP1GAP2	chr17	0.958859429	- T2D risk	Body
cg19000612	ATP8A2	chr13	0.958943226	- T2D risk	Body
cg19749532	AGPAT3	chr21	0.959001118	+ T2D risk	5'UTR
cg06952719	CHKA	chr11	0.959057132	- T2D risk	TSS1500
cg07485155	TSHZ1	chr18	0.959095083	+ T2D risk	TSS1500
cg18066197	CHFR	chr12	0.959206279	- T2D risk	3'UTR
cg01313234	IMPA1	chr8	0.959206586	+ T2D risk	Body

cg01313234	IMPA1	chr8	0.959206586	+ T2D risk	5'UTR
cg23862140	PHACTR1	chr6	0.959214314	- T2D risk	Body
cg22480742	CALD1	chr7	0.959267789	+ T2D risk	1stExon
cg22480742	CALD1	chr7	0.959267789	+ T2D risk	Body
cg02626417	APC	chr5	0.959418731	- T2D risk	Body
cg02626417	APC	chr5	0.959418731	- T2D risk	5'UTR
cg07349962	ANK3	chr10	0.959450477	- T2D risk	Body
cg12401953	SPOCK1	chr5	0.959588494	+ T2D risk	Body
cg24105728	PHACTR1	chr6	0.959659607	+ T2D risk	Body
cg22408308	DYNC1I2	chr2	0.959760968	- T2D risk	5'UTR
cg22408308	DYNC1I2	chr2	0.959760968	- T2D risk	1stExon
cg14640066	RTN4	chr2	0.959834188	- T2D risk	Body
cg14640066	RTN4	chr2	0.959834188	- T2D risk	1stExon
cg14640066	RTN4	chr2	0.959834188	- T2D risk	5'UTR
cg08395925	DLL4	chr15	0.959873437	+ T2D risk	Body
cg19712746	KDR	chr4	0.959985527	+ T2D risk	TSS1500
cg17895149	PLAGL1	chr6	0.960167714	- T2D risk	TSS1500
cg17895149	PLAGL1	chr6	0.960167714	- T2D risk	5'UTR
cg01097031	PACS2	chr14	0.960199641	- T2D risk	TSS200
cg24154257	PRKAG2	chr7	0.960234748	- T2D risk	5'UTR
cg24154257	PRKAG2	chr7	0.960234748	- T2D risk	Body
cg19034820	TTC28	chr22	0.960245504	- T2D risk	Body
cg11298636	SH3GL2	chr9	0.960482861	+ T2D risk	Body
cg08208595	PACS2	chr14	0.96056505	+ T2D risk	Body
cg14881910	PDLIM5	chr4	0.960587893	- T2D risk	5'UTR
cg14881910	PDLIM5	chr4	0.960587893	- T2D risk	Body
cg21455901	CRYL1	chr13	0.960712386	+ T2D risk	Body
cg05427387	DNAH9	chr17	0.960726903	- T2D risk	ExonBnd
cg05427387	DNAH9	chr17	0.960726903	- T2D risk	Body
cg26685404	PRKCB	chr16	0.960866748	- T2D risk	Body
cg03557391	PDE5A	chr4	0.960893646	- T2D risk	Body
cg03557391	PDE5A	chr4	0.960893646	- T2D risk	1stExon
cg03557391	PDE5A	chr4	0.960893646	- T2D risk	5'UTR
cg12893271	FLT1	chr13	0.961055075	- T2D risk	Body
cg04333213	KCNIP3	chr2	0.961225565	+ T2D risk	TSS200
cg04333213	KCNIP3	chr2	0.961225565	+ T2D risk	Body
cg13714895	IMPA1	chr8	0.961237983	+ T2D risk	TSS1500
cg00879444	PRMT3	chr11	0.961250875	+ T2D risk	Body
cg03477477	GRK5	chr10	0.961292777	- T2D risk	Body
cg23922265	CHID1	chr11	0.961501422	+ T2D risk	1stExon
cg23922265	CHID1	chr11	0.961501422	+ T2D risk	5'UTR
cg07883154	PRKCB	chr16	0.96175044	- T2D risk	Body
cg13634994	LMX1B	chr9	0.96175911	- T2D risk	Body
cg01409261	ERC2	chr3	0.961785502	+ T2D risk	5'UTR
cg14393732	ANK3	chr10	0.961893068	- T2D risk	Body
cg02286917	PLAGL1	chr6	0.961910784	- T2D risk	5'UTR
cg17870211	TTC28	chr22	0.961979261	+ T2D risk	Body
cg26616564	DNAJC1	chr10	0.962150845	+ T2D risk	Body
cg17519949	NOTCH3	chr19	0.962200937	- T2D risk	Body
cg12581327	NOL4	chr18	0.96221916	+ T2D risk	Body
cg04725743	INPP4A	chr2	0.962353125	- T2D risk	5'UTR
cg16232206	ST8SIA1	chr12	0.962482528	+ T2D risk	5'UTR
cg16232206	ST8SIA1	chr12	0.962482528	+ T2D risk	Body
cg23543612	SEZ6L	chr22	0.96251687	+ T2D risk	Body
cg03647563	PHACTR1	chr6	0.962636575	- T2D risk	Body
cg17362398	RPGR	chrX	0.962795234	- T2D risk	Body
cg20355860	ANK3	chr10	0.96312847	- T2D risk	1stExon
cg20355860	ANK3	chr10	0.96312847	- T2D risk	5'UTR
cg20355860	ANK3	chr10	0.96312847	- T2D risk	Body
cg17459743	RSF1	chr11	0.963193482	+ T2D risk	Body
cg15358639	ANK3	chr10	0.963318814	- T2D risk	Body
cg10080685	UBE2K	chr4	0.963376646	+ T2D risk	Body
cg18960983	ACTN4	chr19	0.963459047	+ T2D risk	Body
cg22601350	ARL15	chr5	0.963495234	+ T2D risk	Body
cg05719831	CLEC16A	chr16	0.963547762	- T2D risk	Body
cg16859943	PLEKHG3	chr14	0.963555892	+ T2D risk	5'UTR
cg21170836	PACS2	chr14	0.963588033	+ T2D risk	Body
cg04868325	SLC30A8	chr8	0.963615427	+ T2D risk	5'UTR
cg04868325	SLC30A8	chr8	0.963615427	+ T2D risk	TSS1500
cg02554975	IFT74	chr9	0.963623688	+ T2D risk	5'UTR

cg02554975	IFT74	chr9	0.963623688	+ T2D risk	TSS1500
cg05615763	FNIP2	chr4	0.963699225	+ T2D risk	TSS1500
cg19769379	RHBDD1	chr2	0.963751523	+ T2D risk	Body
cg21414363	KIAA1109	chr4	0.963818418	- T2D risk	Body
cg21066622	PLEKHG3	chr14	0.963841666	- T2D risk	Body
cg19973668	TENM2	chr5	0.963900926	+ T2D risk	Body
cg13994842	PRKAG2	chr7	0.964193809	- T2D risk	TSS200
cg13994842	PRKAG2	chr7	0.964193809	- T2D risk	Body
cg18325667	AGPAT3	chr21	0.964247218	+ T2D risk	5'UTR
cg05338165	SNX4	chr3	0.964303962	+ T2D risk	Body
cg14801778	PRMT3	chr11	0.964356207	- T2D risk	Body
cg00536869	CLEC16A	chr16	0.964519242	+ T2D risk	Body
cg17693115	TPCN1	chr12	0.964547918	+ T2D risk	Body
cg19616687	TENM2	chr5	0.964548363	- T2D risk	Body
cg23321228	MET	chr7	0.964615082	+ T2D risk	Body
cg00643051	ARL15	chr5	0.964647685	- T2D risk	Body
cg25618597	CHFR	chr12	0.964928321	+ T2D risk	Body
cg12808151	SSB	chr2	0.964967712	+ T2D risk	Body
cg05165050	TANC2	chr17	0.965014659	- T2D risk	Body
cg13648087	NCOA7	chr6	0.965069415	- T2D risk	5'UTR
cg03140190	CREBBP	chr16	0.965321154	+ T2D risk	Body
cg13878010	ADCY5	chr3	0.965554188	- T2D risk	1stExon
cg01898254	SSBP2	chr5	0.965579025	- T2D risk	TSS1500
cg23192604	ARID2	chr12	0.965764583	- T2D risk	Body
cg26040816	JPH2	chr20	0.965839995	- T2D risk	1stExon
cg26040816	JPH2	chr20	0.965839995	- T2D risk	5'UTR
cg09400051	PACS2	chr14	0.965916975	- T2D risk	5'UTR
cg22568523	NOTCH3	chr19	0.966046159	- T2D risk	Body
cg27474053	GPC4	chrX	0.966302947	- T2D risk	Body
cg17017994	TTC28	chr22	0.966425749	+ T2D risk	Body
cg27089978	WWP2	chr16	0.96646905	+ T2D risk	5'UTR
cg19064506	ASH1L	chr1	0.966537483	- T2D risk	Body
cg16758764	ATP6V1A	chr3	0.96656015	- T2D risk	3'UTR
cg14489299	ANKHD1	chr5	0.966598386	- T2D risk	Body
cg10797944	RGS7	chr1	0.966665492	- T2D risk	Body
cg06320111	PDE7A	chr8	0.966732623	- T2D risk	Body
cg01964683	NUF2	chr1	0.966754738	- T2D risk	TSS200
cg08117586	PPFIBP1	chr12	0.966765352	+ T2D risk	5'UTR
cg22135324	NCOA7	chr6	0.966851668	+ T2D risk	Body
cg07695488	FNIP2	chr4	0.966983563	+ T2D risk	Body
cg08592857	TSC22D1	chr13	0.967026799	- T2D risk	1stExon
cg08592857	TSC22D1	chr13	0.967026799	- T2D risk	Body
cg12279366	ANK3	chr10	0.967073365	+ T2D risk	Body
cg25221496	MEIS2	chr15	0.967087335	- T2D risk	Body
cg17817168	ST8SIA1	chr12	0.967156104	+ T2D risk	Body
cg19133023	CHID1	chr11	0.967245517	+ T2D risk	Body
cg18084885	SLIT3	chr5	0.967338465	- T2D risk	Body
cg10984000	DIP2C	chr10	0.96741294	- T2D risk	Body
cg27657271	CUX1	chr7	0.967626456	- T2D risk	TSS1500
cg27657271	CUX1	chr7	0.967626456	- T2D risk	Body
cg14591979	CADM1	chr11	0.967644088	+ T2D risk	Body
cg11476211	PRKCE	chr2	0.967728985	- T2D risk	1stExon
cg11215113	SLIT3	chr5	0.967742744	+ T2D risk	Body
cg08554159	PRKCE	chr2	0.967793103	- T2D risk	Body
cg23821590	ASH1L	chr1	0.96787237	+ T2D risk	TSS1500
cg06415900	TENM2	chr5	0.968068905	+ T2D risk	Body
cg04850976	CREBBP	chr16	0.968110149	- T2D risk	Body
cg02404692	CLEC16A	chr16	0.968143992	+ T2D risk	Body
cg15723805	CRYL1	chr13	0.968240181	- T2D risk	Body
cg12007634	CLASP2	chr3	0.968297184	+ T2D risk	Body
cg12007634	CLASP2	chr3	0.968297184	+ T2D risk	TSS200
cg04068159	PCYT1A	chr3	0.968449141	+ T2D risk	Body
cg14071023	CLIC5	chr6	0.968469183	- T2D risk	Body
cg14826185	TENM2	chr5	0.968472917	- T2D risk	Body
cg23861644	NUP98	chr11	0.968558667	+ T2D risk	Body
cg24732049	CRYL1	chr13	0.968588651	- T2D risk	Body
cg08955952	SRPK2	chr7	0.968755259	+ T2D risk	Body
cg08832445	CDH22	chr20	0.968988998	- T2D risk	5'UTR
cg15283292	ANK3	chr10	0.969025765	- T2D risk	Body
cg00623312	CUX1	chr7	0.969048457	+ T2D risk	Body

cg26821579	SVIP	chr11	0.969061159	- T2D risk	TSS200
cg19619064	PTPRU	chr1	0.969103675	+ T2D risk	TSS1500
cg12386879	COX6A1	chr12	0.969124471	- T2D risk	TSS200
cg18656183	ATP8A2	chr13	0.969273163	- T2D risk	Body
cg14032033	RGS7	chr1	0.96928757	- T2D risk	Body
cg13900958	DNAH9	chr17	0.96939968	+ T2D risk	Body
cg10464179	RAP1GAP2	chr17	0.969417223	+ T2D risk	3'UTR
cg02429393	CNTROB	chr17	0.969621818	- T2D risk	TSS1500
cg01460974	ARHGEF9	chrX	0.969623302	+ T2D risk	TSS1500
cg02994018	NDUFB3	chr2	0.969687941	- T2D risk	TSS1500
cg03683866	CLEC16A	chr16	0.969721123	+ T2D risk	Body
cg11546590	PRKCB	chr16	0.970073756	+ T2D risk	Body
cg12316475	APBA1	chr9	0.970084892	- T2D risk	TSS1500
cg16609548	DYNC1I2	chr2	0.970113839	- T2D risk	Body
cg19954130	CMTR1	chr6	0.970213564	- T2D risk	Body
cg23807718	JPH2	chr20	0.970401254	+ T2D risk	Body
cg02473287	YWHAQ	chr2	0.970435827	+ T2D risk	Body
cg26843984	KIAA1217	chr10	0.970535306	+ T2D risk	TSS200
cg26843984	KIAA1217	chr10	0.970535306	+ T2D risk	5'UTR
cg26843984	KIAA1217	chr10	0.970535306	+ T2D risk	Body
cg27327627	ROBO2	chr3	0.970589681	+ T2D risk	5'UTR
cg27327627	ROBO2	chr3	0.970589681	+ T2D risk	Body
cg26424794	NUP98	chr11	0.970601679	+ T2D risk	Body
cg20733879	SLC30A8	chr8	0.970771676	- T2D risk	5'UTR
cg20733879	SLC30A8	chr8	0.970771676	- T2D risk	TSS1500
cg03458839	DIP2C	chr10	0.970835251	- T2D risk	Body
cg22589504	JPH2	chr20	0.970839116	+ T2D risk	Body
cg06628693	PRKACB	chr1	0.970930769	- T2D risk	TSS1500
cg13569779	SLIT3	chr5	0.971094793	- T2D risk	Body
cg08520895	SPAG9	chr17	0.971293048	- T2D risk	Body
cg20541601	ANKHD1	chr5	0.97149768	+ T2D risk	TSS1500
cg25333386	RHOQ	chr2	0.971649784	- T2D risk	Body
cg06938954	ANK2	chr4	0.971665116	- T2D risk	Body
cg18394567	RAP1GAP2	chr17	0.971686784	+ T2D risk	Body
cg26937360	NUP98	chr11	0.971692694	- T2D risk	Body
cg14342919	ZHX2	chr8	0.971751515	+ T2D risk	5'UTR
cg22148433	TENM2	chr5	0.971877199	- T2D risk	Body
cg12726300	WDR47	chr1	0.972029248	+ T2D risk	5'UTR
cg12726300	WDR47	chr1	0.972029248	+ T2D risk	1stExon
cg08138574	ATXN1	chr6	0.972039049	- T2D risk	5'UTR
cg24561600	CADM1	chr11	0.972068077	- T2D risk	Body
cg21545720	PTP4A2	chr1	0.972107087	- T2D risk	TSS1500
cg05566966	KREMEN1	chr22	0.972198503	+ T2D risk	Body
cg10791984	RAP1GAP2	chr17	0.972261894	+ T2D risk	Body
cg13051137	PPFIBP1	chr12	0.972310794	- T2D risk	5'UTR
cg23881299	GRK5	chr10	0.972355497	- T2D risk	Body
cg13967190	AGPAT3	chr21	0.972370209	+ T2D risk	5'UTR
cg04524652	FAM160A1	chr4	0.972465609	- T2D risk	TSS1500
cg11408006	PRKAG2	chr7	0.972779	+ T2D risk	Body
cg00548143	ITPKB	chr1	0.972875156	+ T2D risk	Body
cg07366188	BIRC5	chr17	0.973216614	- T2D risk	3'UTR
cg14638091	SKAP1	chr17	0.973338003	+ T2D risk	Body
cg04182678	NCOA2	chr8	0.973442605	+ T2D risk	5'UTR
cg07500410	CLOCK	chr4	0.973556022	+ T2D risk	5'UTR
cg06173857	GNA12	chr7	0.973572889	- T2D risk	Body
cg06371996	RAP1GAP2	chr17	0.973631306	+ T2D risk	3'UTR
cg14398243	PRKCE	chr2	0.973684464	+ T2D risk	Body
cg24185850	PACS2	chr14	0.973730768	- T2D risk	Body
cg01967792	SH3GL2	chr9	0.973792212	- T2D risk	Body
cg16028371	KREMEN1	chr22	0.973980461	+ T2D risk	TSS1500
cg11651430	UBL3	chr13	0.974182092	+ T2D risk	TSS1500
cg04179625	RNF157	chr17	0.974246009	- T2D risk	1stExon
cg06729676	NF1	chr17	0.974280613	- T2D risk	TSS200
cg13013297	KREMEN1	chr22	0.97429441	+ T2D risk	Body
cg23065185	LAMA4	chr6	0.974412289	+ T2D risk	Body
cg01113435	SEMA3G	chr3	0.974457495	+ T2D risk	TSS200
cg13689742	MYO6	chr6	0.974511529	- T2D risk	5'UTR
cg18551658	ITGA1	chr5	0.974520545	+ T2D risk	Body
cg18551658	ITGA1	chr5	0.974520545	+ T2D risk	ExonBnd
cg19367047	KDM4B	chr19	0.974571043	- T2D risk	Body

cg04496204	DACH1	chr13	0.974725217	- T2D risk	Body
cg09916651	CUX2	chr12	0.975049981	- T2D risk	Body
cg03406913	POC1B	chr12	0.975472966	+ T2D risk	5'UTR
cg03406913	POC1B	chr12	0.975472966	+ T2D risk	Body
cg03183451	PRKCE	chr2	0.975487549	+ T2D risk	Body
cg08956303	PHF21A	chr11	0.975636576	- T2D risk	Body
cg08956303	PHF21A	chr11	0.975636576	- T2D risk	ExonBnd
cg03604327	EVI5	chr1	0.975685562	- T2D risk	Body
cg26263145	DIP2C	chr10	0.975822542	+ T2D risk	Body
cg23196625	ADCY5	chr3	0.975957381	- T2D risk	Body
cg27253035	UXS1	chr2	0.97598846	- T2D risk	Body
cg15709214	CALD1	chr7	0.976002912	- T2D risk	TSS1500
cg01837574	CNTROB	chr17	0.976023325	- T2D risk	1stExon
cg17198937	CNTNAP2	chr7	0.976025082	+ T2D risk	Body
cg02024766	NCOA2	chr8	0.976111774	- T2D risk	5'UTR
cg01352158	AGPAT3	chr21	0.976172673	- T2D risk	5'UTR
cg10192074	WWP2	chr16	0.976239044	+ T2D risk	3'UTR
cg10266012	ARHGAP32	chr11	0.976347797	- T2D risk	Body
cg03502757	GGPS1	chr1	0.976416595	+ T2D risk	Body
cg03502757	GGPS1	chr1	0.976416595	+ T2D risk	5'UTR
cg04720116	DIP2C	chr10	0.976538261	+ T2D risk	Body
cg24812669	PPP1R12A	chr12	0.976588156	+ T2D risk	TSS1500
cg22807241	CNTNAP2	chr7	0.976591145	+ T2D risk	Body
cg19076587	PHF21A	chr11	0.976677798	+ T2D risk	Body
cg15144697	NDUFB3	chr2	0.976813981	- T2D risk	TSS1500
cg19910616	ADCY5	chr3	0.976898789	- T2D risk	Body
cg08442334	RBM4	chr11	0.97692321	- T2D risk	Body
cg13779845	CADM1	chr11	0.976965835	- T2D risk	Body
cg14530764	ADCY5	chr3	0.977041653	+ T2D risk	Body
cg05080940	CLEC16A	chr16	0.977094004	- T2D risk	Body
cg20737451	PACS1	chr11	0.977169007	- T2D risk	Body
cg21243411	RSF1	chr11	0.977313507	+ T2D risk	Body
cg20518045	SPOCK1	chr5	0.977383316	+ T2D risk	Body
cg00685004	SEC31A	chr4	0.977462392	- T2D risk	Body
cg23325364	DIP2C	chr10	0.97747528	- T2D risk	Body
cg09889848	DIP2C	chr10	0.977577411	- T2D risk	Body
cg10449610	TSHZ1	chr18	0.977580126	+ T2D risk	5'UTR
cg10449610	TSHZ1	chr18	0.977580126	+ T2D risk	Body
cg15001032	DDC	chr7	0.977593957	+ T2D risk	1stExon
cg15001032	DDC	chr7	0.977593957	+ T2D risk	5'UTR
cg07389471	ENAH	chr1	0.977661547	- T2D risk	Body
cg04300150	RNF217	chr6	0.977879302	+ T2D risk	Body
cg17423624	PACRG	chr6	0.977946406	- T2D risk	Body
cg27128549	PRKCE	chr2	0.97801491	+ T2D risk	Body
cg23177406	PHACTR1	chr6	0.978112889	+ T2D risk	Body
cg07912432	APBA1	chr9	0.978117409	+ T2D risk	5'UTR
cg09283025	SRPK2	chr7	0.978154556	- T2D risk	Body
cg15151784	COX6A1	chr12	0.978190833	+ T2D risk	Body
cg22866998	DIP2C	chr10	0.978284572	+ T2D risk	Body
cg00793946	PRKCE	chr2	0.978302319	- T2D risk	Body
cg25844276	SLC7A2	chr8	0.978335829	+ T2D risk	5'UTR
cg25844276	SLC7A2	chr8	0.978335829	+ T2D risk	Body
ch.3.397026R	TBC1D5	chr3	0.978339598	+ T2D risk	5'UTR
cg23710432	TIMM23	chr10	0.978519991	- T2D risk	Body
cg05306898	SPAG9	chr17	0.978767429	+ T2D risk	Body
cg03452768	SPAG9	chr17	0.978771463	- T2D risk	Body
cg13144857	PDE8A	chr15	0.978802462	+ T2D risk	5'UTR
cg13144857	PDE8A	chr15	0.978802462	+ T2D risk	Body
cg16081185	NOL4	chr18	0.978907157	+ T2D risk	5'UTR
cg16081185	NOL4	chr18	0.978907157	+ T2D risk	Body
cg21753652	PRKCE	chr2	0.978913261	- T2D risk	Body
cg22647670	RAP1GAP2	chr17	0.979153171	+ T2D risk	Body
cg07317705	RANBP17	chr5	0.979180952	+ T2D risk	Body
cg17711217	SLIT3	chr5	0.979584191	- T2D risk	Body
cg02181555	TAB2	chr6	0.979675436	+ T2D risk	5'UTR
cg02181555	TAB2	chr6	0.979675436	+ T2D risk	Body
cg03274197	FLT1	chr13	0.979972174	- T2D risk	Body
cg15533904	NQO1	chr16	0.979989623	+ T2D risk	Body
cg13803071	YWHAQ	chr2	0.980007132	- T2D risk	5'UTR
cg13803071	YWHAQ	chr2	0.980007132	- T2D risk	1stExon

cg24137770	<i>PRKAG2</i>	chr7	0.980285595	+ T2D risk	TSS1500
cg00495363	<i>MAST1</i>	chr19	0.980381515	+ T2D risk	Body
cg25283565	<i>ATP6V1H</i>	chr8	0.980382816	+ T2D risk	TSS1500
cg15097617	<i>CNTNAP2</i>	chr7	0.980512772	- T2D risk	Body
cg00120481	<i>CUX2</i>	chr12	0.980521148	+ T2D risk	Body
cg19076690	<i>MGRN1</i>	chr16	0.980578243	- T2D risk	Body
cg15748006	<i>YWHAQ</i>	chr2	0.980599957	+ T2D risk	TSS1500
cg21038956	<i>SLIT3</i>	chr5	0.980727719	- T2D risk	Body
cg21553436	<i>CLASP2</i>	chr3	0.980868844	+ T2D risk	Body
cg21553436	<i>CLASP2</i>	chr3	0.980868844	+ T2D risk	TSS1500
cg21213332	<i>AGPAT3</i>	chr21	0.980923	- T2D risk	5'UTR
cg23479189	<i>PRKAG2</i>	chr7	0.980925981	+ T2D risk	Body
cg05865746	<i>RAP1GAP2</i>	chr17	0.981200521	- T2D risk	TSS200
cg08167110	<i>FAM160A1</i>	chr4	0.981613319	- T2D risk	Body
cg06484065	<i>CADM1</i>	chr11	0.98166079	+ T2D risk	Body
cg10549467	<i>CADM1</i>	chr11	0.981801544	+ T2D risk	Body
cg27063018	<i>ITPKB</i>	chr1	0.98182219	- T2D risk	Body
cg13721576	<i>TENM2</i>	chr5	0.981882422	+ T2D risk	Body
cg05081346	<i>RHBDD1</i>	chr2	0.982036335	+ T2D risk	Body
cg03114371	<i>PPFIBP1</i>	chr12	0.982277599	+ T2D risk	5'UTR
cg14722402	<i>ST6GAL1</i>	chr3	0.982281227	- T2D risk	5'UTR
cg02184632	<i>ZHX2</i>	chr8	0.982282725	- T2D risk	3'UTR
cg23859591	<i>PPP1R12A</i>	chr12	0.982341019	+ T2D risk	TSS200
cg23859591	<i>PPP1R12A</i>	chr12	0.982341019	+ T2D risk	TSS1500
cg04510330	<i>CTR9</i>	chr11	0.982362245	- T2D risk	Body
cg14431858	<i>PACRG</i>	chr6	0.982589726	+ T2D risk	Body
cg11956748	<i>RET</i>	chr10	0.982615834	- T2D risk	TSS200
cg00057265	<i>ANK3</i>	chr10	0.982697002	+ T2D risk	Body
cg18065623	<i>TMEM150C</i>	chr4	0.982751447	- T2D risk	Body
cg05336149	<i>DIP2C</i>	chr10	0.982890241	- T2D risk	Body
cg11625184	<i>TTC28</i>	chr22	0.982900071	- T2D risk	Body
cg26119620	<i>SLIT3</i>	chr5	0.983058841	+ T2D risk	Body
cg05364594	<i>EFCAB14</i>	chr1	0.983142241	+ T2D risk	Body
cg23384786	<i>IMPA1</i>	chr8	0.983269181	- T2D risk	TSS1500
cg25691634	<i>ST6GAL1</i>	chr3	0.983276385	+ T2D risk	5'UTR
cg14050816	<i>ANK2</i>	chr4	0.983281074	+ T2D risk	Body
cg23816184	<i>EFCAB14</i>	chr1	0.983333237	+ T2D risk	Body
cg00747661	<i>CREBBP</i>	chr16	0.983362705	- T2D risk	TSS1500
cg21096774	<i>TSGA10</i>	chr2	0.983440047	- T2D risk	Body
cg10721492	<i>ARL8B</i>	chr3	0.983440853	+ T2D risk	TSS1500
cg27436118	<i>MGRN1</i>	chr16	0.983598538	+ T2D risk	Body
cg09568818	<i>PDE3A</i>	chr12	0.983609583	- T2D risk	3'UTR
cg12061069	<i>RAP1GAP2</i>	chr17	0.9836534	- T2D risk	Body
cg16208304	<i>TSGA10</i>	chr2	0.983680487	+ T2D risk	Body
cg22049038	<i>CNTNAP2</i>	chr7	0.983778223	- T2D risk	Body
cg04954894	<i>DDHD2</i>	chr8	0.98381753	+ T2D risk	5'UTR
cg26111157	<i>TTC28</i>	chr22	0.983830378	- T2D risk	TSS1500
cg15352067	<i>CUX1</i>	chr7	0.983914235	+ T2D risk	Body
cg11213990	<i>SGSM2</i>	chr17	0.984055182	- T2D risk	Body
cg13384396	<i>ADCY5</i>	chr3	0.984110646	+ T2D risk	TSS1500
cg26768308	<i>TSC22D1</i>	chr13	0.984113193	- T2D risk	TSS1500
cg26768308	<i>TSC22D1</i>	chr13	0.984113193	- T2D risk	Body
cg04026789	<i>CUX1</i>	chr7	0.984199401	- T2D risk	Body
cg19257462	<i>TMEM131</i>	chr2	0.984459283	+ T2D risk	Body
cg22031103	<i>UXS1</i>	chr2	0.984529894	+ T2D risk	5'UTR
cg22031103	<i>UXS1</i>	chr2	0.984529894	+ T2D risk	Body
cg22031103	<i>UXS1</i>	chr2	0.984529894	+ T2D risk	1stExon
cg06137439	<i>GAD1</i>	chr2	0.98460442	- T2D risk	5'UTR
cg13748012	<i>MAN1A2</i>	chr1	0.984612845	+ T2D risk	Body
cg10902667	<i>PRKAG2</i>	chr7	0.984662841	- T2D risk	Body
cg25675571	<i>ATRN</i>	chr20	0.984703491	+ T2D risk	3'UTR
cg10417176	<i>MYO6</i>	chr6	0.984743606	+ T2D risk	5'UTR
cg14157244	<i>SSB</i>	chr2	0.984824528	+ T2D risk	1stExon
cg14157244	<i>SSB</i>	chr2	0.984824528	+ T2D risk	5'UTR
cg16411062	<i>PDE5A</i>	chr4	0.98483134	+ T2D risk	Body
cg23396286	<i>MMS19</i>	chr10	0.984907895	+ T2D risk	TSS200
cg16439003	<i>WWP2</i>	chr16	0.985051311	+ T2D risk	3'UTR
cg22468316	<i>AGPAT3</i>	chr21	0.985886048	- T2D risk	5'UTR
cg22468316	<i>AGPAT3</i>	chr21	0.985886048	- T2D risk	TSS1500
cg07551060	<i>GRK5</i>	chr10	0.985890414	- T2D risk	Body

cg05971751	UBE2K	chr4	0.985978119	- T2D risk	TSS1500
cg24516975	CHID1	chr11	0.986129352	- T2D risk	TSS1500
cg24516975	CHID1	chr11	0.986129352	- T2D risk	5'UTR
cg13299986	TAB2	chr6	0.986144935	- T2D risk	Body
cg18364770	SLIT3	chr5	0.986267414	- T2D risk	Body
cg14351425	GRK5	chr10	0.986329917	+ T2D risk	Body
cg25042430	KIAA1217	chr10	0.986342976	+ T2D risk	TSS1500
cg21006167	RANBP17	chr5	0.986549315	+ T2D risk	Body
cg16823244	TJP1	chr15	0.986866873	+ T2D risk	Body
cg10280218	TBC1D5	chr3	0.987088709	+ T2D risk	Body
cg14086746	RHBDD1	chr2	0.987177453	+ T2D risk	5'UTR
cg03353047	KIAA1217	chr10	0.987321113	+ T2D risk	5'UTR
cg02631767	PDE3A	chr12	0.987346938	+ T2D risk	Body
cg09023643	ST6GAL1	chr3	0.987485066	+ T2D risk	TSS1500
cg01363710	CLIC5	chr6	0.98749508	- T2D risk	Body
cg07569575	SLIT3	chr5	0.987576064	- T2D risk	Body
cg02699167	FBXL2	chr3	0.987661712	- T2D risk	Body
cg23009067	GNA12	chr7	0.987723732	+ T2D risk	Body
cg06937357	PACS2	chr14	0.987852252	- T2D risk	Body
cg19335436	DIP2C	chr10	0.987891546	- T2D risk	Body
cg04022063	TJP1	chr15	0.988043599	+ T2D risk	1stExon
cg04022063	TJP1	chr15	0.988043599	+ T2D risk	5'UTR
cg05025391	ATXN1	chr6	0.988117207	- T2D risk	5'UTR
cg08151809	PRKAG2	chr7	0.98821587	- T2D risk	Body
cg10399824	GRK5	chr10	0.988374598	+ T2D risk	Body
cg10312572	CPLX2	chr5	0.988374776	- T2D risk	5'UTR
cg21238928	PRKACB	chr1	0.98853338	+ T2D risk	TSS1500
cg26474881	RAP1GAP2	chr17	0.988553601	- T2D risk	Body
cg08074962	SEC31A	chr4	0.988607453	+ T2D risk	TSS1500
cg09903303	PDE5A	chr4	0.988733589	+ T2D risk	Body
cg02801993	KDM4B	chr19	0.988816122	- T2D risk	Body
cg02453827	YWHAQ	chr2	0.988965912	- T2D risk	TSS1500
cg11929598	PPFIBP1	chr12	0.989005663	+ T2D risk	5'UTR
cg25138017	FARSB	chr2	0.989165551	- T2D risk	Body
cg21668653	RAP1GAP2	chr17	0.989203296	+ T2D risk	Body
cg22652747	MEIS2	chr15	0.989533191	- T2D risk	Body
cg00681288	TMEM131	chr2	0.989593182	- T2D risk	Body
cg09904358	KIAA1217	chr10	0.989712237	- T2D risk	5'UTR
cg03860108	CNTNAP2	chr7	0.989779614	+ T2D risk	Body
cg15555053	POC1B	chr12	0.989807229	+ T2D risk	Body
cg15555053	POC1B	chr12	0.989807229	+ T2D risk	5'UTR
cg27441881	SKAP1	chr17	0.989832127	- T2D risk	Body
cg13556554	ARPP19	chr15	0.989850205	- T2D risk	Body
cg01618530	ATP6V1H	chr8	0.989972881	+ T2D risk	TSS200
cg01618530	ATP6V1H	chr8	0.989972881	+ T2D risk	TSS1500
cg14063129	PACS2	chr14	0.990035915	- T2D risk	Body
cg21212066	GLG1	chr16	0.99019911	- T2D risk	Body
cg21212066	GLG1	chr16	0.99019911	- T2D risk	1stExon
cg17847520	CPLX2	chr5	0.990287741	+ T2D risk	TSS200
cg12325691	MET	chr7	0.990289087	- T2D risk	Body
cg25981623	OXSM	chr3	0.990299146	- T2D risk	Body
cg25981623	NGLY1	chr3	0.990299146	- T2D risk	TSS200
cg25981623	OXSM	chr3	0.990299146	- T2D risk	5'UTR
cg10329468	CDH22	chr20	0.990301669	+ T2D risk	3'UTR
cg20915973	ATP8A1	chr4	0.990311308	- T2D risk	TSS1500
cg00601726	ERC2	chr3	0.990364483	- T2D risk	Body
cg03666597	CUX1	chr7	0.990370532	+ T2D risk	Body
cg14438755	SSBP2	chr5	0.990484033	- T2D risk	Body
cg23114819	CLIC5	chr6	0.990559225	- T2D risk	Body
cg09282828	LMX1B	chr9	0.990667344	- T2D risk	Body
cg07166291	KCNIP3	chr2	0.99067199	+ T2D risk	Body
cg03848856	WWP2	chr16	0.990742668	- T2D risk	Body
cg17296483	WIZ	chr19	0.990849656	- T2D risk	TSS1500
cg03324501	PRKCE	chr2	0.990931543	+ T2D risk	Body
cg11328572	EVI5	chr1	0.991442663	+ T2D risk	Body
cg20211604	DNAH9	chr17	0.991474954	+ T2D risk	Body
cg16807273	RAP1GAP2	chr17	0.991495553	+ T2D risk	Body
cg02792136	DIP2C	chr10	0.991922562	- T2D risk	Body
cg09800430	ITPKB	chr1	0.992079633	+ T2D risk	Body
cg03550765	SEMA3G	chr3	0.992143676	- T2D risk	Body

cg22238977	ANK3	chr10	0.992523892	- T2D risk	3'UTR
cg00998686	CLASP2	chr3	0.992526977	- T2D risk	Body
cg27185466	ASH1L	chr1	0.992538539	+ T2D risk	Body
cg04077441	AGPAT3	chr21	0.992568873	- T2D risk	5'UTR
cg06890317	CHID1	chr11	0.992669471	- T2D risk	ExonBnd
cg06890317	CHID1	chr11	0.992669471	- T2D risk	Body
cg07779051	CLEC16A	chr16	0.992850177	- T2D risk	Body
cg19309855	CNTROB	chr17	0.992855456	+ T2D risk	TSS1500
cg19413725	FAM160A1	chr4	0.992887971	+ T2D risk	5'UTR
cg00066627	SCGN	chr6	0.992902014	- T2D risk	Body
cg07358015	HMBOX1	chr8	0.992922735	+ T2D risk	5'UTR
cg07358015	HMBOX1	chr8	0.992922735	+ T2D risk	TSS200
cg12518799	RNF157	chr17	0.992933577	+ T2D risk	Body
cg00807464	CUX2	chr12	0.993117251	- T2D risk	Body
cg05313656	CDH22	chr20	0.993201359	+ T2D risk	5'UTR
cg01399353	ATRNL1	chr10	0.993271659	+ T2D risk	Body
cg04818078	CREBBP	chr16	0.993283318	- T2D risk	Body
cg17066338	ANKHD1	chr5	0.993609972	- T2D risk	Body
cg23545098	CREBBP	chr16	0.993613355	+ T2D risk	TSS1500
cg04077168	SPAG9	chr17	0.993735977	- T2D risk	Body
cg08833604	TAB2	chr6	0.993810583	- T2D risk	Body
cg10566764	KCNIP3	chr2	0.993883674	- T2D risk	Body
cg00297969	AGPAT3	chr21	0.994088047	+ T2D risk	5'UTR
cg03998546	DENND4C	chr9	0.994105572	- T2D risk	TSS1500
cg08960498	PHACTR1	chr6	0.994106102	- T2D risk	Body
cg18115693	KDM4B	chr19	0.99414769	+ T2D risk	TSS1500
cg22181049	CADM1	chr11	0.994148166	- T2D risk	Body
cg20830360	DIP2C	chr10	0.994240403	- T2D risk	Body
cg21806387	KIAA1217	chr10	0.994262643	+ T2D risk	5'UTR
cg16225517	NPEPPS	chr17	0.994435517	+ T2D risk	Body
cg01217514	CHFR	chr12	0.994570876	- T2D risk	Body
cg24537104	PRKCE	chr2	0.994653617	+ T2D risk	Body
cg15484628	MGRN1	chr16	0.994691278	+ T2D risk	Body
cg14832990	TSHZ1	chr18	0.994693731	+ T2D risk	5'UTR
cg19784244	TMEM59	chr1	0.994796406	+ T2D risk	5'UTR
cg19784244	TMEM59	chr1	0.994796406	+ T2D risk	1stExon
cg02856379	MAN1A1	chr6	0.994838144	- T2D risk	Body
cg17231494	CALD1	chr7	0.994928955	- T2D risk	Body
cg14671809	ERC2	chr3	0.994983054	- T2D risk	3'UTR
cg01081400	LCA5	chr6	0.99503355	- T2D risk	3'UTR
cg12270449	PPFIBP1	chr12	0.995124805	+ T2D risk	Body
cg12270449	PPFIBP1	chr12	0.995124805	+ T2D risk	ExonBnd
cg11579447	GALK2	chr15	0.995151153	+ T2D risk	Body
cg09980403	MAST1	chr19	0.995262017	- T2D risk	Body
cg10486834	CUX1	chr7	0.995346978	- T2D risk	Body
cg02733424	AGPAT3	chr21	0.995363664	+ T2D risk	Body
cg24000108	CLOCK	chr4	0.995428038	- T2D risk	5'UTR
cg12241755	DACH1	chr13	0.995430475	+ T2D risk	Body
cg23986445	RSF1	chr11	0.995772875	+ T2D risk	Body
cg17215325	CLASP2	chr3	0.995878966	- T2D risk	Body
cg07199337	PRMT3	chr11	0.995981557	+ T2D risk	TSS1500
cg00372529	SLC9A6	chrX	0.996075407	- T2D risk	TSS1500
cg02995459	NOL4	chr18	0.996171468	- T2D risk	5'UTR
cg02995459	NOL4	chr18	0.996171468	- T2D risk	Body
cg08530041	SLIT3	chr5	0.99618178	+ T2D risk	3'UTR
cg13471336	DIP2C	chr10	0.996206033	- T2D risk	Body
cg23799943	CUX2	chr12	0.996240698	+ T2D risk	Body
cg16893968	DYNC1I2	chr2	0.996249376	- T2D risk	Body
cg03490965	TENM2	chr5	0.99627816	- T2D risk	Body
cg00650925	ITPKB	chr1	0.996444378	+ T2D risk	Body
cg21822822	LAMA4	chr6	0.99646993	- T2D risk	Body
cg03050708	MMS19	chr10	0.996489608	- T2D risk	TSS1500
cg05835969	DIP2C	chr10	0.996568927	+ T2D risk	Body
cg22010478	KDM4B	chr19	0.996593464	+ T2D risk	5'UTR
cg22869706	DIP2C	chr10	0.996801612	- T2D risk	Body
cg04878697	PPFIBP1	chr12	0.996936472	- T2D risk	5'UTR
cg05826175	CLOCK	chr4	0.996955593	- T2D risk	Body
cg16871029	GLG1	chr16	0.996956559	+ T2D risk	Body
cg18706511	RCAN2	chr6	0.996974211	- T2D risk	Body
cg11305100	PHF21A	chr11	0.99700162	+ T2D risk	Body

cg13338595	<i>PTPRU</i>	chr1	0.997081008	+ T2D risk	TSS1500
cg25357706	<i>ADCY5</i>	chr3	0.997114727	- T2D risk	Body
cg17268775	<i>CHFR</i>	chr12	0.997204388	+ T2D risk	Body
cg00531748	<i>KDR</i>	chr4	0.997224908	- T2D risk	TSS1500
cg14696064	<i>ADCY5</i>	chr3	0.997229788	- T2D risk	Body
cg23681599	<i>DIP2C</i>	chr10	0.997255279	- T2D risk	Body
cg09279412	<i>CUX1</i>	chr7	0.99727347	+ T2D risk	TSS200
cg18612612	<i>CALD1</i>	chr7	0.997278695	- T2D risk	5'UTR
cg19769780	<i>ITPKB</i>	chr1	0.99730738	+ T2D risk	Body
cg13767920	<i>RAP1GAP2</i>	chr17	0.997332919	+ T2D risk	Body
cg04272368	<i>CUL1</i>	chr7	0.997403468	- T2D risk	5'UTR
cg08327378	<i>WWP2</i>	chr16	0.997567936	+ T2D risk	5'UTR
cg20684696	<i>DIP2C</i>	chr10	0.997583123	+ T2D risk	Body
cg27122688	<i>NCOA7</i>	chr6	0.997655237	- T2D risk	5'UTR
cg27122688	<i>NCOA7</i>	chr6	0.997655237	- T2D risk	Body
cg25724842	<i>PACRG</i>	chr6	0.997855897	- T2D risk	Body
cg26595364	<i>RET</i>	chr10	0.998117445	- T2D risk	Body
cg07885635	<i>ATXN1</i>	chr6	0.998201242	+ T2D risk	5'UTR
cg03313290	<i>ARL15</i>	chr5	0.998231219	+ T2D risk	Body
cg11683648	<i>COL4A1</i>	chr13	0.998307134	- T2D risk	Body
cg09063434	<i>DIP2C</i>	chr10	0.998337466	- T2D risk	Body
cg10382692	<i>PDE5A</i>	chr4	0.998541848	- T2D risk	TSS1500
cg03894557	<i>ARPP19</i>	chr15	0.998573799	+ T2D risk	Body
cg11854691	<i>ARL15</i>	chr5	0.998573985	+ T2D risk	Body
cg26026297	<i>ATP8A1</i>	chr4	0.998674237	- T2D risk	Body
cg13401235	<i>PHACTR1</i>	chr6	0.998724702	- T2D risk	Body
cg14878913	<i>BCAT1</i>	chr12	0.998910931	- T2D risk	Body
cg01298374	<i>PPFIBP1</i>	chr12	0.998930297	- T2D risk	5'UTR
cg19070636	<i>NCOA7</i>	chr6	0.998942533	+ T2D risk	Body
cg19070636	<i>NCOA7</i>	chr6	0.998942533	+ T2D risk	TSS1500
cg20971014	<i>SPPL2A</i>	chr15	0.999275603	+ T2D risk	1stExon
cg20971014	<i>SPPL2A</i>	chr15	0.999275603	+ T2D risk	5'UTR
cg03333101	<i>MAST1</i>	chr19	0.999349465	- T2D risk	Body
cg17343444	<i>TENM2</i>	chr5	0.999407565	+ T2D risk	Body
cg13435304	<i>ULK4</i>	chr3	0.999460314	+ T2D risk	Body
cg23653242	<i>PCYT1A</i>	chr3	0.999546544	+ T2D risk	Body
cg08805345	<i>PRKAG2</i>	chr7	0.999603106	- T2D risk	Body

Supplementary Table S14: DNA methylation differences in pancreatic islets of diabetic donors in 15 diabetic and 34 non-diabetic donors, re-analysed methylation data from publication of Dayeh et al., 2016. Methylation data was considered for 236 genes identified in Figure 6.

[illegible]