







Common Nicotine Mutations											
Chr	Start	End	Ref	Alt	Func.refGene	Gene.refGene	ExonicFunc.refGene	AAChange.refGene	cosmic64	snp137	PolyPhen2 Pred
chr1		69511	A	G	exonic	OR4F5	nonsynonymous SNV	OR4F5:NM_001005484:exon1:c.A421G:p.T141A	NA	rs2691305	B
chr1	663506	663506	T	C	ncRNA_exonic	LOC100133331	NA	NA	NA	NA	NA
chr1	874816	874816	-	T	exonic	SAMD11	frameshift insertion	SAMD11:NM_152486:exon7:c.682_683insT:p.P228fs	NA	rs200996316	NA
chr1	2123473	2123473	T	C	UTR3	C1orf86	NA	NA	NA	NA	NA
chr1	3511934	3511934	A	G	exonic	MEGF6	nonsynonymous SNV	MEGF6:NM_001409:exon3:c.T344C:p.M115T	NA	rs7513275	B
chr1	6526858	6526858	A	-	UTR3	PLEKHG5	NA	NA	NA	NA	NA
chr1	10439620	10439620	-	G	UTR3	KIF1B	NA	NA	NA	NA	NA
chr1	12203319	12203319	T	C	UTR3	TNFRSF8	NA	NA	NA	NA	NA
chr1	12856111	12856111	C	T	exonic	PRAMEF1	nonsynonymous SNV	PRAMEF1:NM_023013:exon4:c.C1391T:p.P464L	NA	rs2982215	D
chr1	12887453	12887453	C	T	exonic	PRAMEF11	nonsynonymous SNV	PRAMEF11:NM_001146344:exon3:c.G404A:p.R135K	NA	rs2486714	NA
chr1	12887480	12887480	C	T	exonic	PRAMEF11	nonsynonymous SNV	PRAMEF11:NM_001146344:exon3:c.G377A:p.C126Y	NA	NA	NA
chr1	12921265	12921265	G	A	exonic	PRAMEF2	synonymous SNV	PRAMEF2:NM_023014:exon4:c.G1056A:p.E352E	NA	rs151184374	NA
chr1	12921272	12921272	G	A	exonic	PRAMEF2	nonsynonymous SNV	PRAMEF2:NM_023014:exon4:c.G1063A:p.V355M	NA	rs145044541	B
chr1	12921274	12921274	G	C	exonic	PRAMEF2	synonymous SNV	PRAMEF2:NM_023014:exon4:c.G1065C:p.V355V	NA	rs17039302	NA
chr1	12953195	12953195	C	T	exonic	PRAMEF10	nonsynonymous SNV	PRAMEF10:NM_001039361:exon4:c.G977A:p.R326H	NA	rs201422133	B
chr1	12955697	12955697	A	G	UTR5	PRAMEF10	NA	NA	NA	rs200630847	NA
chr1	13183780	13183780	A	C	exonic	LOC440563	synonymous SNV	LOC440563:NM_001136561:exon2:c.T93G:p.S31S	ID=COSN199380;OCCURENCE=1(large_intestine)	rs116484938	NA
chr1	15439082	15439082	A	G	ncRNA_exonic	TMEM51-AS1	NA	NA	NA	NA	NA
chr1	15439098	15439098	C	T	ncRNA_exonic	TMEM51-AS1	NA	NA	NA	rs114844404	NA
chr1	15440343	15440343	T	G	ncRNA_exonic	TMEM51-AS1	NA	NA	NA	NA	NA
chr1	16133664	16133664	T	-	UTR3	UQCRHL	NA	NA	NA	NA	NA
chr1	16385178	16385178	G	A	exonic	FAM131C	synonymous SNV	FAM131C:NM_182623:exon7:c.C597T:p.P199P	ID=COSM676526;OCCURENCE=1(prostate),1(lung)	rs80297394	NA
chr1	16890484	16890484	G	C	exonic	NBPF1	unknown	UNKNOWN	NA	rs12117084	NA
chr1	16912164	16912164	C	T	exonic	NBPF1	unknown	UNKNOWN	NA	rs201930116	NA
chr1	16973095	16973095	G	C	ncRNA_exonic	MST1P2	NA	NA	NA	rs75521993	NA
chr1	16975268	16975268	T	C	ncRNA_exonic	MST1P2	NA	NA	NA	rs199945491	NA
chr1	17083101	17083101	A	G	UTR3	MST1L	NA	NA	NA	rs199727569	NA
chr1	17085872	17085872	A	G	exonic	MST1L	nonsynonymous SNV	MST1L:NM_001271733:exon8:c.T949C:p.W317R	D=COSM1127270,COSM1127271;OCCURENCE=1(prostate)	rs1806514	NA
chr1	26161107	26161108	AA	-	UTR3	AUNIP	NA	NA	NA	rs139695812	NA
chr1	26608823	26608823	A	G	exonic	UBXN11	synonymous SNV	S390S,UBXN11:NM_145345:exon15:c.T1431C:p.S477S,UI	NA	rs61775084	NA
chr1	28087366	28087366	C	T	UTR3	FAM76A	NA	NA	NA	NA	NA
chr1	28087368	28087368	A	T	UTR3	FAM76A	NA	NA	NA	NA	NA
chr1	28473786	28473786	T	G	UTR3	PTAFR	NA	NA	NA	NA	NA
chr1	33475967	33475967	G	A	UTR3	AK2	NA	NA	NA	rs74066437	NA
chr1	38226760	38226760	-	AA	UTR3	EPHA10	NA	NA	NA	NA	NA
chr1	39879211	39879211	A	G	exonic	KIAA0754	nonsynonymous SNV	KIAA0754:NM_015038:exon1:c.A3274G:p.T1092A	NA	NA	NA
chr1	39879379	39879379	C	G	exonic	KIAA0754	nonsynonymous SNV	KIAA0754:NM_015038:exon1:c.C3442G:p.P1148A	NA	rs34074681	NA
chr1	39976865	39976865	G	A	exonic	BMP8A	synonymous SNV	BMP8A:NM_181809:exon2:c.G354A:p.L118L	NA	NA	NA
chr1	41979207	41979207	T	G	exonic	HIVEP3	synonymous SNV	714:exon7:c.A5685C:p.S1895S,HIVEP3:NM_024503:exon8	NA	NA	NA
chr1	43747937	43747937	-	A	UTR3	C1orf210	NA	NA	NA	NA	NA
chr1	47905783	47905785	TTT	-	UTR3	FOXO2	NA	NA	NA	rs56809638	NA
chr1	50667062	50667062	-	A	UTR3	ELAVL4	NA	NA	NA	NA	NA
chr1	53291327	53291328	AA	-	UTR3	ZYG11B	NA	NA	NA	NA	NA
chr1	61922425	61922425	A	-	UTR3	NFIA	NA	NA	NA	rs67346536	NA
chr1	65901244	65901244	G	T	UTR3	LEPROT	NA	NA	NA	NA	NA
chr1	67465989	67465989	A	T	UTR3	SLC35D1	NA	NA	NA	NA	NA
chr1	67874252	67874252	-	A	UTR3	SERBP1	NA	NA	NA	NA	NA
chr1	89446108	89446108	T	-	UTR3	RBMXL1	NA	NA	NA	NA	NA
chr1	95448279	95448279	G	A	UTR3	ALG14	NA	NA	NA	NA	NA
chr1	1.1E+08	1.1E+08	A	-	UTR3	SORT1	NA	NA	NA	rs111233099	NA
chr1	1.1E+08	1.1E+08	T	-	UTR3	GNAI3	NA	NA	NA	NA	NA
chr1	1.12E+08	1.12E+08	C	-	UTR3	CEPT1	NA	NA	NA	NA	NA
chr1	1.15E+08	1.15E+08	G	T	exonic	AMPD1	synonymous SNV	72626:exon3:c.C322A:p.R108R,AMPD1:NM_000036:exon	NA	NA	NA
chr1	1.18E+08	1.18E+08	TT	-	UTR3	PTGFRN	NA	NA	NA	NA	NA
chr1	1.21E+08	1.21E+08	G	T	UTR5	NOTCH2	NA	NA	NA	rs57122008	NA
chr1	1.21E+08	1.21E+08	G	A	exonic	FAM72B	nonsynonymous SNV	FAM72B:NM_001100910:exon3:c.G295A:p.G99R	ID=COSM396486;OCCURENCE=1(lung)	rs1055682	P
chr1	1.45E+08	1.45E+08	TATT	-	UTR3	PDE4DIP	NA	NA	NA	NA	NA
chr1	1.45E+08	1.45E+08	G	A	UTR3	NOTCH2NL	NA	NA	NA	rs201876339	NA
chr1	1.45E+08	1.45E+08	A	G	exonic	NBPF10	nonsynonymous SNV	NBPF10:NM_001039703:exon1:c.A110G:p.N37S	NA	rs12565078	NA
chr1	1.45E+08	1.45E+08	T	C	intronic	NBPF10	NA	NA	NA	NA	NA

chr1	1.47E+08	1.47E+08	A	G	UTR5	BCL9	NA	NA	NA	rs10900376	NA
chr1	1.51E+08	1.51E+08	-	A	UTR3	GOLPH3L	NA	NA	NA	NA	NA
chr1	1.52E+08	1.52E+08	C	T	exonic	RPTN	nonsynonymous SNV	RPTN:NM_001122965:exon3:c.G1510A:p.G504R	NA	NA	B
chr1	1.52E+08	1.52E+08	T	A	exonic	HRNR	synonymous SNV	HRNR:NM_001009931:exon3:c.A6198T:p.P2066P	NA	NA	NA
chr1	1.52E+08	1.52E+08	C	T	exonic	HRNR	nonsynonymous SNV	HRNR:NM_001009931:exon3:c.G4241A:p.C1414Y	NA	rs111689937	NA
chr1	1.52E+08	1.52E+08	C	T	exonic	FLG2	synonymous SNV	FLG2:NM_001014342:exon3:c.G2595A:p.S865S	NA	rs12738471	NA
chr1	1.53E+08	1.53E+08	A	G	UTR3	LCE1C	NA	NA	NA	NA	NA
chr1	1.53E+08	1.53E+08	T	A	exonic	IVL	nonsynonymous SNV	IVL:NM_005547:exon2:c.T614A:p.L205H	NA	NA	NA
chr1	1.53E+08	1.53E+08	T	A	exonic	IVL	nonsynonymous SNV	IVL:NM_005547:exon2:c.T929A:p.M310K	NA	NA	NA
chr1	1.54E+08	1.54E+08	C	A	UTR3	GATAD2B	NA	NA	NA	rs72694218	NA
chr1	1.54E+08	1.54E+08	-	A	UTR3	TPM3	NA	NA	NA	NA	NA
chr1	1.55E+08	1.55E+08	T	G	exonic	KCNN3	nonsynonymous SNV	4087:exon1:c.A707C:p.H236P,KCNN3:NM_002249:exon1	NA	NA	NA
chr1	1.6E+08	1.6E+08	AC	-	UTR3	KCNJ10	NA	NA	NA	NA	NA
chr1	1.6E+08	1.6E+08	T	A	ncRNA_exonic	SUMO1P3	NA	NA	NA	NA	NA
chr1	1.61E+08	1.61E+08	C	G	UTR3	MPZ	NA	NA	NA	NA	NA
chr1	1.69E+08	1.69E+08	A	G	UTR3	XCL1	NA	NA	NA	rs641500	NA
chr1	1.69E+08	1.69E+08	T	A	UTR3	XCL1	NA	NA	NA	rs641496	NA
chr1	1.77E+08	1.77E+08	C	A	exonic	FAM5B	nonsynonymous SNV	FAM5B:NM_021165:exon6:c.C975A:p.D325E	NA	NA	B
chr1	1.86E+08	1.86E+08	A	C	exonic	PRG4	nonsynonymous SNV	7709:exon5:c.A970C:p.T324P,PRG4:NM_001127708:exon	ID=COSM1127223;OCCURENCE=1(prostate)	NA	NA
chr1	1.86E+08	1.86E+08	T	C	exonic	PRG4	synonymous SNV	7709:exon5:c.T1086C:p.T362T,PRG4:NM_001127708:exon	NA	NA	NA
chr1	1.86E+08	1.86E+08	T	C	exonic	PRG4	synonymous SNV	7709:exon5:c.T1110C:p.T370T,PRG4:NM_001127708:exon	ID=COSM424817;OCCURENCE=3(endometrium)	NA	NA
chr1	1.86E+08	1.86E+08	A	C	exonic	PRG4	nonsynonymous SNV	7709:exon5:c.A1252C:p.T418P,PRG4:NM_001127708:exon	NA	NA	NA
chr1	1.86E+08	1.86E+08	T	C	exonic	PRG4	synonymous SNV	7709:exon5:c.T1275C:p.T425T,PRG4:NM_001127708:exon	NA	NA	NA
chr1	1.86E+08	1.86E+08	A	C	exonic	PRG4	nonsynonymous SNV	7709:exon5:c.A1384C:p.T462P,PRG4:NM_001127708:exon	NA	NA	NA
chr1	1.86E+08	1.86E+08	G	C	exonic	PRG4	synonymous SNV	7709:exon5:c.G1596C:p.T532T,PRG4:NM_001127708:exon	NA	NA	NA
chr1	1.97E+08	1.97E+08	C	A	exonic	CFHR2	nonsynonymous SNV	CFHR2:NM_005666:exon2:c.C76A:p.P26T	NA	NA	D
chr1	2.01E+08	2.01E+08	T	C	exonic	IGFN1	nonsynonymous SNV	IGFN1:NM_001164586:exon12:c.T4823C:p.V1608A	NA	rs201505263	NA
chr1	2.01E+08	2.01E+08	T	G	exonic	IGFN1	nonsynonymous SNV	IGFN1:NM_001164586:exon12:c.T5747G:p.V1916G	NA	rs200871453	NA
chr1	2.01E+08	2.01E+08	C	G	exonic	IGFN1	nonsynonymous SNV	IGFN1:NM_001164586:exon12:c.C6395G:p.T2132R	NA	NA	NA
chr1	2.01E+08	2.01E+08	A	-	UTR3	TNNI1	NA	NA	NA	rs35058233	NA
chr1	2.02E+08	2.02E+08	C	-	UTR3	IPO9	NA	NA	NA	rs112011484	NA
chr1	2.02E+08	2.02E+08	A	-	UTR3	ELF3	NA	NA	NA	rs11303270	NA
chr1	2.02E+08	2.02E+08	A	C	UTR3	GPR37L1	NA	NA	NA	NA	NA
chr1	2.02E+08	2.02E+08	TT	-	UTR3	GPR37L1	NA	NA	NA	NA	NA
chr1	2.05E+08	2.05E+08	T	C	UTR5	CDK18	NA	NA	NA	rs77694338	NA
chr1	2.06E+08	2.06E+08	G	C	UTR3	RAB7L1	NA	NA	NA	rs823134	NA
chr1	2.07E+08	2.07E+08	AC	-	UTR3	PIGR	NA	NA	NA	NA	NA
chr1	2.08E+08	2.08E+08	T	C	UTR5	CR2	NA	NA	NA	rs3813946	NA
chr1	2.1E+08	2.1E+08	T	-	UTR5	MIR205HG	NA	NA	NA	NA	NA
chr1	2.28E+08	2.28E+08	-	A	UTR5	CDC42BPA	NA	NA	NA	NA	NA
chr1	2.28E+08	2.28E+08	-	T	UTR3	IBA57	NA	NA	NA	NA	NA
chr1	2.29E+08	2.29E+08	A	G	exonic	OBSCN	nonsynonymous SNV	1R,OBSCN:NM_052843:exon50:c.A13142G:p.H4381R,OB	NA	rs1150912	NA
chr1	2.32E+08	2.32E+08	G	A	ncRNA_UTR3	DISC1	NA	NA	NA	rs821618	NA
chr1	2.33E+08	2.33E+08	G	A	exonic	SIPA1L2	nonsynonymous SNV	SIPA1L2:NM_020808:exon7:c.C2504T:p.A835V	NA	rs142752379	P
chr1	2.37E+08	2.37E+08	G	T	UTR3	MTR	NA	NA	NA	NA	NA
chr1	2.38E+08	2.38E+08	T	-	UTR3	RYR2	NA	NA	NA	NA	NA
chr1	2.4E+08	2.4E+08	G	A	exonic	FMN2	synonymous SNV	FMN2:NM_020066:exon5:c.G2820A:p.A940A	NA	rs145628188	NA
chr1	2.4E+08	2.4E+08	C	T	exonic	FMN2	nonsynonymous SNV	FMN2:NM_020066:exon5:c.C2828T:p.P943L	NA	rs199628038	NA
chr1	2.41E+08	2.41E+08	-	T	UTR3	FMN2	NA	NA	NA	rs139197792	NA
chr1	2.45E+08	2.45E+08	-	GTA	UTR3	C1orf101	NA	NA	NA	rs201380603	NA
chr1	2.49E+08	2.49E+08	A	G	exonic	OR2T3	nonsynonymous SNV	OR2T3:NM_001005495:exon1:c.A829G:p.M277V	NA	rs74498773	P
chr2	5835698	5835698	T	-	UTR3	SOX11	NA	NA	NA	rs67646557	NA
chr2	5839842	5839842	TTTTTT	-	UTR3	SOX11	NA	NA	NA	NA	NA
chr2	24253007	24253007	-	A	UTR3	C2orf44	NA	NA	NA	NA	NA
chr2	24991386	24991388	AAA	-	UTR3	NCOA1	NA	NA	NA	NA	NA
chr2	26680509	26680509	A	T	UTR3	OTOF	NA	NA	NA	NA	NA
chr2	27804802	27804802	A	G	exonic	C2orf16	nonsynonymous SNV	C2orf16:NM_032266:exon1:c.A5363G:p.K1788R	NA	rs187723704	NA
chr2	29023081	29023081	C	T	UTR3	PPP1CB	NA	NA	NA	NA	NA
chr2	29170759	29170759	G	A	UTR3	WDR43	NA	NA	NA	rs13397658	NA
chr2	29448423	29448423	T	G	exonic	ALK	nonsynonymous SNV	ALK:NM_004304:exon19:c.A3076C:p.T1026P	NA	NA	B
chr2	30670215	30670215	A	C	UTR5	LCLAT1	NA	NA	NA	NA	NA
chr2	33787988	33787988	A	T	UTR3	RASGRP3	NA	NA	NA	NA	NA

chr2	33787989	33787989	C	G	UTR3	RASGRP3	NA	NA	NA	NA	NA
chr2	33787990	33787990	T	A	UTR3	RASGRP3	NA	NA	NA	NA	NA
chr2	37479024	37479024	A	-	UTR3	PRKD3	NA	NA	NA	NA	NA
chr2	45172485	45172485	G	A	UTR3	SIX3	NA	NA	NA	rs60528008	NA
chr2	46707808	46707808	C	G	exonic	TMEM247	nonsynonymous SNV	TMEM247:NM_001145051:exon2:c.C382G:p.Q128E	NA	rs74318890	NA
chr2	46852206	46852206	G	T	UTR3	CRIP1	NA	NA	NA	NA	NA
chr2	48605828	48605828	T	-	UTR3	FOXN2	NA	NA	NA	NA	NA
chr2	51259649	51259660	AGAGAGAG	-	UTR5	NRXN1	NA	NA	NA	NA	NA
chr2	55647020	55647020	A	C	UTR5	CCDC88A	NA	NA	NA	NA	NA
chr2	55647025	55647025	A	C	UTR5	CCDC88A	NA	NA	NA	NA	NA
chr2	71043885	71043885	T	G	exonic	CLEC4F	nonsynonymous SNV	!58027:exon4:c.A628C:p.I210L,CLEC4F:NM_173535:exon4	NA	NA	P
chr2	85284303	85284303	A	-	UTR3	KCMF1	NA	NA	NA	NA	NA
chr2	85531118	85531118	A	C	exonic	TCF7L1	synonymous SNV	TCF7L1:NM_031283:exon6:c.A759C:p.P253P	NA	NA	NA
chr2	85549667	85549667	G	C	UTR3	TGOLN2	NA	NA	NA	NA	NA
chr2	85554315	85554315	A	G	exonic	TGOLN2	synonymous SNV	180N,TGOLN2:NM_001206844:exon2:c.T540C:p.N180N,T	NA	NA	NA
chr2	87002452	87002453	TT	-	UTR3	RMND5A	NA	NA	NA	NA	NA
chr2	89082379	89082379	G	A	ncRNA_exonic	ANKRD36BP2	NA	NA	NA	rs143191250	NA
chr2	92129614	92129614	G	T	ncRNA_exonic	ACTR3BP2	NA	NA	NA	NA	NA
chr2	97779341	97779341	T	G	UTR5	ANKRD36	NA	NA	NA	rs3866777	NA
chr2	98128228	98128228	G	A	exonic	ANKRD36B	synonymous SNV	ANKRD36B:NM_025190:exon39:c.C3093T:p.S1031S	ID=COSN395741;OCCURENCE=1(lung)	rs201190268	NA
chr2	98129733	98129733	A	C	exonic	ANKRD36B	stopgain SNV	ANKRD36B:NM_025190:exon38:c.T2715G:p.Y905X	NA	rs145533718	NA
chr2	98356250	98356250	G	C	UTR3	ZAP70	NA	NA	NA	rs2278699	NA
chr2	1.02E+08	1.02E+08	A	G	UTR5	RFX8	NA	NA	NA	rs62154334	NA
chr2	1.03E+08	1.03E+08	G	A	UTR3	MAP4K4	NA	NA	NA	NA	NA
chr2	1.07E+08	1.07E+08	AAC	-	UTR3	ST6GAL2	NA	NA	NA	rs140467729	NA
chr2	1.07E+08	1.07E+08	G	A	UTR3	ST6GAL2	NA	NA	NA	NA	NA
chr2	1.13E+08	1.13E+08	G	T	UTR3	ZC3H6	NA	NA	NA	NA	NA
chr2	1.19E+08	1.19E+08	A	-	UTR3	CCDC93	NA	NA	NA	NA	NA
chr2	1.2E+08	1.2E+08	T	G	UTR5	EN1	NA	NA	NA	NA	NA
chr2	1.31E+08	1.31E+08	-	CT	ncRNA_exonic	LOC440905	NA	NA	NA	rs3058424	NA
chr2	1.33E+08	1.33E+08	G	C	ncRNA_exonic	ANKRD30BL	NA	NA	NA	rs112494139	NA
chr2	1.33E+08	1.33E+08	G	A	ncRNA_exonic	ANKRD30BL	NA	NA	NA	rs141716220	NA
chr2	1.33E+08	1.33E+08	G	A	ncRNA_exonic	ANKRD30BL	NA	NA	NA	rs148180857	NA
chr2	1.52E+08	1.52E+08	T	C	exonic	NEB	nonsynonymous SNV	2D,NEB:NM_001164508:exon95:c.A14734G:p.N4912D,NE	NA	rs10909569	NA
chr2	1.53E+08	1.53E+08	T	-	UTR3	ARL5A	NA	NA	NA	NA	NA
chr2	1.53E+08	1.53E+08	C	T	UTR3	CACNB4	NA	NA	NA	rs7597215	NA
chr2	1.7E+08	1.7E+08	-	A	UTR3	LRP2	NA	NA	NA	NA	NA
chr2	1.74E+08	1.74E+08	-	A	ncRNA_UTR3	ZAK	NA	NA	NA	NA	NA
chr2	1.77E+08	1.77E+08	C	T	UTR3	HOXD9	NA	NA	NA	NA	NA
chr2	2.02E+08	2.02E+08	TT	-	UTR3	FAM126B	NA	NA	NA	NA	NA
chr2	2.04E+08	2.04E+08	C	T	UTR3	FAM117B	NA	NA	NA	NA	NA
chr2	2.09E+08	2.09E+08	AG	-	UTR3	FZD5	NA	NA	NA	rs201847302	NA
chr2	2.12E+08	2.12E+08	A	-	UTR3	ERBB4	NA	NA	NA	NA	NA
chr2	2.17E+08	2.17E+08	C	A	UTR3	MREG	NA	NA	NA	NA	NA
chr2	2.2E+08	2.2E+08	G	T	UTR3	FAM134A	NA	NA	NA	NA	NA
chr2	2.25E+08	2.25E+08	C	A	UTR3	WDFY1	NA	NA	NA	NA	NA
chr2	2.33E+08	2.33E+08	T	C	UTR3	DIS3L2	NA	NA	NA	NA	NA
chr2	2.33E+08	2.33E+08	T	-	UTR3	CHRNA	NA	NA	NA	NA	NA
chr2	2.35E+08	2.35E+08	A	C	UTR3	HJURP	NA	NA	NA	rs74270439	NA
chr2	2.41E+08	2.41E+08	A	G	exonic	PRR21	synonymous SNV	PRR21:NM_001080835:exon1:c.T237C:p.H79H	NA	rs117846189	NA
chr3	3214495	3214495	C	A	exonic	CRBN	nonsynonymous SNV	73482:exon4:c.G489T:p.R163S,CRBN:NM_016302:exon4:c	NA	NA	D
chr3	11599950	11599950	T	-	UTR3	VGLL4	NA	NA	NA	NA	NA
chr3	14105938	14105938	T	A	ncRNA_exonic	TPRX1	NA	NA	NA	NA	NA
chr3	14105996	14105996	A	G	ncRNA_exonic	TPRX1	NA	NA	NA	NA	NA
chr3	14106174	14106174	T	C	ncRNA_exonic	TPRX1	NA	NA	NA	NA	NA
chr3	28364846	28364846	T	-	UTR3	AZI2	NA	NA	NA	rs200293551	NA
chr3	41281477	41281477	C	T	UTR3	CTNNA1	NA	NA	NA	rs201175238	NA
chr3	47050999	47050999	G	C	UTR3	NBEAL2	NA	NA	NA	NA	NA
chr3	49044650	49044650	A	G	UTR5	WDR6	NA	NA	NA	NA	NA
chr3	49572947	49572947	C	A	UTR3	DAG1	NA	NA	NA	NA	NA
chr3	49694888	49694888	T	C	exonic	BSN	synonymous SNV	BSN:NM_003458:exon5:c.T7899C:p.L2633L	NA	NA	NA
chr3	55502167	55502167	A	-	UTR3	WNT5A	NA	NA	NA	NA	NA

chr3	63988881	63988881	C	T	UTR3	ATXN7	NA	NA	NA	NA	NA
chr3	64672461	64672461	T	G	exonic	ADAMTS9	nonsynonymous SNV	ADAMTS9:NM_182920:exon2:c.A299C:p.Y100S	NA	NA	D
chr3	67049615	67049615	G	T	exonic	KBTD8	nonsynonymous SNV	KBTD8:NM_032505:exon2:c.G227T:p.R76I	NA	NA	D
chr3	71821711	71821711	A	-	UTR3	PROK2	NA	NA	NA	rs71713597	NA
chr3	75716090	75716090	T	C	ncRNA_exonic	FLJ20518	NA	NA	NA	rs144150259	NA
chr3	75787116	75787116	T	G	exonic	ZNF717	nonsynonymous SNV	ZNF717:NM_001128223:exon5:c.A1658C:p.H553P	NA	rs142824987	NA
chr3	75787620	75787620	T	C	exonic	ZNF717	nonsynonymous SNV	ZNF717:NM_001128223:exon5:c.A1154G:p.H385R	NA	rs145606249	NA
chr3	75790852	75790852	G	A	exonic	ZNF717	synonymous SNV	ZNF717:NM_001128223:exon3:c.C93T:p.F31F	NA	rs201689840	NA
chr3	98515881	98515882	AA	-	UTR3	DCBLD2	NA	NA	NA	rs56369137	NA
chr3	1.05E+08	1.05E+08	G	T	exonic	CBLB	nonsynonymous SNV	CBLB:NM_170662:exon12:c.C1618A:p.Q540K	NA	NA	D
chr3	1.2E+08	1.2E+08	-	A	UTR3	GSK3B	NA	NA	NA	NA	NA
chr3	1.2E+08	1.2E+08	A	C	exonic	GPR156	nonsynonymous SNV	1271:exon9:c.T1610G:p.V537G,GPR156:NM_153002:exon	NA	NA	D
chr3	1.21E+08	1.21E+08	T	-	UTR3	GTF2E1	NA	NA	NA	rs71133517	NA
chr3	1.23E+08	1.23E+08	T	-	ncRNA_UTR3	MYLK	NA	NA	NA	rs35930843	NA
chr3	1.26E+08	1.26E+08	-	T	UTR3	ZXDC	NA	NA	NA	NA	NA
chr3	1.29E+08	1.29E+08	T	G	exonic	PLXND1	nonsynonymous SNV	PLXND1:NM_015103:exon31:c.A5108C:p.Y1703S	NA	NA	D
chr3	1.34E+08	1.34E+08	C	G	UTR5	CEP63	NA	NA	NA	NA	NA
chr3	1.41E+08	1.41E+08	-	T	UTR3	RNF7	NA	NA	NA	NA	NA
chr3	1.42E+08	1.42E+08	C	T	UTR3	GK5	NA	NA	NA	NA	NA
chr3	1.5E+08	1.5E+08	G	T	UTR3	TSC22D2	NA	NA	NA	rs201497156	NA
chr3	1.52E+08	1.52E+08	T	-	UTR3	MBNL1	NA	NA	NA	rs142162205	NA
chr3	1.7E+08	1.7E+08	G	T	UTR3	CLDN11	NA	NA	NA	NA	NA
chr3	1.7E+08	1.7E+08	C	T	UTR3	CLDN11	NA	NA	NA	NA	NA
chr3	1.84E+08	1.84E+08	GTGTGT	-	UTR3	EPHB3	NA	NA	NA	rs35514470	NA
chr3	1.95E+08	1.95E+08	T	C	ncRNA_exonic	SDHAP2	NA	NA	ID=COSN404759;OCCURENCE=1(lung)	rs6583273	NA
chr3	1.96E+08	1.96E+08	T	C	exonic	MUC4	nonsynonymous SNV	MUC4:NM_018406:exon2:c.A12568G:p.T4190A	NA	rs200813870	NA
chr3	1.96E+08	1.96E+08	A	G	exonic	MUC4	synonymous SNV	MUC4:NM_018406:exon2:c.T12159C:p.N4053N	NA	rs201191776	NA
chr3	1.96E+08	1.96E+08	T	C	exonic	MUC4	nonsynonymous SNV	MUC4:NM_018406:exon2:c.A12136G:p.T4046A	ID=COSM479895;OCCURENCE=2(kidney)	rs62282465	NA
chr3	1.96E+08	1.96E+08	T	A	exonic	MUC4	synonymous SNV	MUC4:NM_018406:exon2:c.A11796T:p.G3932G	NA	rs200897653	NA
chr3	1.96E+08	1.96E+08	A	G	exonic	MUC4	synonymous SNV	MUC4:NM_018406:exon2:c.T11580C:p.T3860T	NA	NA	NA
chr3	1.96E+08	1.96E+08	A	G	exonic	MUC4	nonsynonymous SNV	MUC4:NM_018406:exon2:c.T11162C:p.V3721A	NA	NA	NA
chr3	1.96E+08	1.96E+08	G	A	exonic	MUC4	nonsynonymous SNV	MUC4:NM_018406:exon2:c.C11018T:p.A3673V	NA	rs202062831	NA
chr3	1.96E+08	1.96E+08	C	G	exonic	MUC4	nonsynonymous SNV	MUC4:NM_018406:exon2:c.G10405C:p.D3469H	NA	rs76458038	NA
chr3	1.96E+08	1.96E+08	C	G	exonic	MUC4	synonymous SNV	MUC4:NM_018406:exon2:c.G8733C:p.T2911T	NA	rs28385894	NA
chr3	1.96E+08	1.96E+08	A	G	exonic	MUC4	nonsynonymous SNV	MUC4:NM_018406:exon2:c.T8570C:p.V2857A	NA	NA	NA
chr3	1.96E+08	1.96E+08	C	T	exonic	MUC4	nonsynonymous SNV	MUC4:NM_018406:exon2:c.G8464A:p.A2822T	NA	rs28420515	NA
chr3	1.96E+08	1.96E+08	G	A	exonic	MUC4	nonsynonymous SNV	MUC4:NM_018406:exon2:c.C8282T:p.A2761V	NA	rs201935809	NA
chr3	1.96E+08	1.96E+08	A	G	exonic	MUC4	nonsynonymous SNV	MUC4:NM_018406:exon2:c.T7445C:p.L2482P	NA	NA	NA
chr3	1.96E+08	1.96E+08	A	G	exonic	MUC4	nonsynonymous SNV	MUC4:NM_018406:exon2:c.T7418C:p.V2473A	NA	rs200807157	NA
chr3	1.96E+08	1.96E+08	C	T	exonic	MUC4	synonymous SNV	MUC4:NM_018406:exon2:c.G7320A:p.S2440S	NA	rs71321826	NA
chr3	1.96E+08	1.96E+08	A	G	exonic	MUC4	nonsynonymous SNV	MUC4:NM_018406:exon2:c.T6293C:p.L2098P	NA	rs141952317	NA
chr3	1.96E+08	1.96E+08	A	T	exonic	MUC4	synonymous SNV	MUC4:NM_018406:exon2:c.T6081A:p.T2027T	NA	NA	NA
chr3	1.96E+08	1.96E+08	A	G	exonic	MUC4	synonymous SNV	MUC4:NM_018406:exon2:c.T5550C:p.S1850S	NA	NA	NA
chr3	1.96E+08	1.96E+08	C	T	exonic	MUC4	synonymous SNV	MUC4:NM_018406:exon2:c.G5400A:p.S1800S	NA	NA	NA
chr3	1.96E+08	1.96E+08	C	G	exonic	MUC4	nonsynonymous SNV	MUC4:NM_018406:exon2:c.G4885C:p.D1629H	NA	rs78438024	NA
chr3	1.96E+08	1.96E+08	C	G	exonic	MUC4	nonsynonymous SNV	MUC4:NM_018406:exon2:c.G4789C:p.D1597H	NA	NA	NA
chr3	1.96E+08	1.96E+08	C	G	exonic	MUC4	synonymous SNV	MUC4:NM_018406:exon2:c.G4461C:p.T1487T	NA	rs12489814	NA
chr3	1.96E+08	1.96E+08	C	T	exonic	MUC4	nonsynonymous SNV	MUC4:NM_018406:exon2:c.G4216A:p.A1406T	NA	NA	NA
chr3	1.96E+08	1.96E+08	A	G	exonic	MUC4	synonymous SNV	MUC4:NM_018406:exon2:c.T3885C:p.T1295T	NA	NA	NA
chr3	1.96E+08	1.96E+08	A	G	exonic	MUC4	synonymous SNV	MUC4:NM_018406:exon2:c.T3471C:p.D1157D	NA	NA	NA
chr3	1.96E+08	1.96E+08	A	G	exonic	MUC4	synonymous SNV	MUC4:NM_018406:exon2:c.T3468C:p.T1156T	NA	NA	NA
chr3	1.96E+08	1.96E+08	A	G	exonic	MUC4	synonymous SNV	MUC4:NM_018406:exon2:c.T3276C:p.T1092T	NA	rs112260425	NA
chr3	1.96E+08	1.96E+08	C	T	exonic	MUC4	nonsynonymous SNV	MUC4:NM_018406:exon2:c.G3085A:p.D1029N	NA	rs201613765	NA
chr3	1.96E+08	1.96E+08	T	C	ncRNA_exonic	SDHAP1	NA	NA	NA	rs189732960	NA
chr3	1.96E+08	1.96E+08	A	G	ncRNA_exonic	SDHAP1	NA	NA	NA	rs199975852	NA
chr3	1.96E+08	1.96E+08	A	G	ncRNA_exonic	SDHAP1	NA	NA	NA	rs200738162	NA
chr3	1.96E+08	1.96E+08	T	C	UTR3	FBXO45	NA	NA	NA	rs9834490	NA
chr3	1.96E+08	1.96E+08	T	-	UTR3	CEP19	NA	NA	NA	rs71161952	NA
chr3	1.97E+08	1.97E+08	-	TTTTTTT	UTR3	SENPS5	NA	NA	NA	NA	NA
chr3	1.98E+08	1.98E+08	A	C	exonic	FAM157A	synonymous SNV	FAM157A:NM_001145248:exon5:c.A927C:p.R309R	NA	rs202207735	NA
chr4	87567	87567	G	T	UTR3	ZNF595	NA	NA	NA	NA	NA
chr4	87570	87570	C	T	UTR3	ZNF595	NA	NA	NA	NA	NA

chr4	87574	87574	G	T	UTR3	ZNF595	NA	NA	NA	NA	NA
chr4	87604	87604	-	T	UTR3	ZNF595	NA	NA	NA	NA	NA
chr4	1020221	1020221	T	C	UTR3	FGFRL1	NA	NA	NA	NA	NA
chr4	1388662	1388662	G	C	exonic	CRIPAK	synonymous SNV	CRIPAK:NM_175918:exon1:c.G363C:p.P121P	NA	rs9762106	NA
chr4	1388755	1388755	C	G	exonic	CRIPAK	synonymous SNV	CRIPAK:NM_175918:exon1:c.C456G:p.P152P	NA	rs141481663	NA
chr4	1388757	1388757	T	C	exonic	CRIPAK	nonsynonymous SNV	CRIPAK:NM_175918:exon1:c.T458C:p.M153T	ID=COSM225540;OCCURENCE=1(NS)	rs138170890	P
chr4	1388848	1388848	A	C	exonic	CRIPAK	synonymous SNV	CRIPAK:NM_175918:exon1:c.A549C:p.P183P	NA	rs74511366	NA
chr4	1389059	1389059	T	C	exonic	CRIPAK	nonsynonymous SNV	CRIPAK:NM_175918:exon1:c.T760C:p.C254R	NA	NA	D
chr4	1389070	1389070	A	G	exonic	CRIPAK	synonymous SNV	CRIPAK:NM_175918:exon1:c.A771G:p.G257G	NA	rs151096093	NA
chr4	2087366	2087366	G	T	exonic	POLN	nonsynonymous SNV	POLN:NM_181808:exon19:c.C2171A:p.A724E	NA	NA	B
chr4	22439886	22439886	C	A	exonic	GPR125	nonsynonymous SNV	GPR125:NM_145290:exon8:c.G1078T:p.D360Y	NA	NA	D
chr4	25280824	25280824	C	T	UTR3	PI4K2B	NA	NA	NA	NA	NA
chr4	25749200	25749201	AC	-	UTR3	SEL1L3	NA	NA	NA	rs147448161	NA
chr4	37614259	37614260	AA	-	UTR3	RELL1	NA	NA	NA	NA	NA
chr4	41747030	41747030	T	G	UTR3	PHOX2B	NA	NA	NA	NA	NA
chr4	41747047	41747047	T	G	UTR3	PHOX2B	NA	NA	NA	NA	NA
chr4	71521932	71521932	A	-	UTR3	IGJ	NA	NA	NA	NA	NA
chr4	76555253	76555253	G	A	UTR5	CDKL2	NA	NA	NA	NA	NA
chr4	81974755	81974755	-	T	UTR3	BMP3	NA	NA	NA	NA	NA
chr4	82088324	82088324	G	A	exonic	PRKG2	synonymous SNV	PRKG2:NM_006259:exon5:c.C903T:p.C301C	NA	NA	NA
chr4	84011680	84011680	-	A	UTR3	PLAC8	NA	NA	NA	NA	NA
chr4	88536471	88536471	A	G	exonic	DSPP	nonsynonymous SNV	DSPP:NM_014208:exon5:c.A2657G:p.N886S	NA	NA	NA
chr4	88537513	88537513	A	C	exonic	DSPP	nonsynonymous SNV	DSPP:NM_014208:exon5:c.A3699C:p.E1233D	NA	rs112275895	NA
chr4	90646502	90646505	AGAG	-	UTR3	SNCA	NA	NA	NA	rs141457381	NA
chr4	90757919	90757919	T	C	ncRNA_UTR5	SNCA	NA	NA	NA	NA	NA
chr4	94750481	94750481	T	G	exonic	ATOH1	nonsynonymous SNV	ATOH1:NM_005172:exon1:c.T404G:p.V135G	NA	NA	B
chr4	96076626	96076626	-	TT	UTR3	BMPR1B	NA	NA	NA	NA	NA
chr4	1.04E+08	1.04E+08	A	T	UTR3	NFKB1	NA	NA	NA	NA	NA
chr4	1.09E+08	1.09E+08	GTGT	-	ncRNA_exonic	RPL34-AS1	NA	NA	NA	rs150491091	NA
chr4	1.29E+08	1.29E+08	T	C	UTR3	MFSD8	NA	NA	NA	NA	NA
chr4	1.39E+08	1.39E+08	G	T	ncRNA_UTR3	SLC7A11	NA	NA	NA	NA	NA
chr4	1.4E+08	1.4E+08	C	T	UTR3	CCRN4L	NA	NA	NA	NA	NA
chr4	1.4E+08	1.4E+08	A	T	UTR3	CCRN4L	NA	NA	NA	rs74826922	NA
chr4	1.4E+08	1.4E+08	T	-	UTR3	NAA15	NA	NA	NA	rs72425271	NA
chr4	1.46E+08	1.46E+08	A	G	UTR3	OTUD4	NA	NA	NA	NA	NA
chr4	1.58E+08	1.58E+08	A	G	UTR5	GRIA2	NA	NA	NA	NA	NA
chr4	1.6E+08	1.6E+08	AA	-	UTR3	FNIP2	NA	NA	NA	NA	NA
chr5	661502	661502	A	C	UTR3	TPPP	NA	NA	NA	NA	NA
chr5	663244	663244	T	G	UTR3	TPPP	NA	NA	NA	NA	NA
chr5	10279657	10279657	T	-	UTR3	CMBL	NA	NA	NA	NA	NA
chr5	16465810	16465810	A	C	UTR5	ZNF622	NA	NA	NA	NA	NA
chr5	16465854	16465854	A	C	UTR5	ZNF622	NA	NA	NA	NA	NA
chr5	23521146	23521146	G	T	exonic	PRDM9	synonymous SNV	PRDM9:NM_020227:exon6:c.G366T:p.A122A	NA	NA	NA
chr5	35909976	35909976	C	A	exonic	CAPSL	nonsynonymous SNV	!2625:exon4:c.G517T:p.D173Y,CAPSL:NM_144647:exon4:	NA	NA	D
chr5	55168106	55168106	G	T	exonic	IL31RA	nonsynonymous SNV	!42637:exon4:c.G281T:p.G94V,IL31RA:NM_139017:exon4	NA	NA	B
chr5	71503811	71503811	G	T	UTR3	MAP1B	NA	NA	NA	NA	NA
chr5	78324457	78324457	C	A	exonic	DMGDH	nonsynonymous SNV	DMGDH:NM_013391:exon12:c.G1831T:p.A611S	NA	NA	B
chr5	80738520	80738520	G	T	exonic	SSBP2	nonsynonymous SNV	i735:exon12:c.C711A:p.N237K,SSBP2:NM_001256736:exc	NA	NA	D
chr5	90666826	90666826	A	-	UTR3	ARRDC3	NA	NA	NA	NA	NA
chr5	92905599	92905599	C	A	ncRNA_exonic	FLJ42709	NA	NA	NA	NA	NA
chr5	1.02E+08	1.02E+08	GT	-	UTR3	SLCO4C1	NA	NA	NA	NA	NA
chr5	1.15E+08	1.15E+08	A	C	UTR3	ATG12	NA	NA	NA	rs35903246	NA
chr5	1.15E+08	1.15E+08	-	AGGC	UTR5	AP3S1	NA	NA	NA	rs144226661	NA
chr5	1.15E+08	1.15E+08	C	T	exonic	AQPEP	synonymous SNV	AQPEP:NM_173800:exon1:c.C64T:p.L22L	ID=COSM1130961;OCCURENCE=1(prostate)	rs10062297	NA
chr5	1.22E+08	1.22E+08	CACACACA	-	UTR3	SNX2	NA	NA	NA	rs71851865	NA
chr5	1.23E+08	1.23E+08	G	A	exonic	CEP120	synonymous SNV	226:exon10:c.C1368T:p.F456F,CEP120:NM_153223:exon:	NA	NA	NA
chr5	1.28E+08	1.28E+08	A	-	UTR3	FBN2	NA	NA	NA	NA	NA
chr5	1.32E+08	1.32E+08	T	G	ncRNA_intronic	C5orf56	NA	NA	NA	NA	NA
chr5	1.34E+08	1.34E+08	G	C	exonic	PHF15	nonsynonymous SNV	PHF15:NM_015288:exon11:c.G2015C:p.S672T	NA	NA	D
chr5	1.34E+08	1.34E+08	C	A	UTR3	DDX46	NA	NA	NA	NA	NA
chr5	1.37E+08	1.37E+08	A	C	UTR3	HNRNPA0	NA	NA	NA	NA	NA
chr5	1.37E+08	1.37E+08	T	C	UTR3	HNRNPA0	NA	NA	NA	NA	NA

chr5	1.37E+08	1.37E+08	G	C	exonic	HNRNPA0	synonymous SNV	HNRNPA0:NM_006805:exon1:c.C897G:p.G299G	NA	NA	NA
chr5	1.37E+08	1.37E+08	A	C	exonic	HNRNPA0	synonymous SNV	HNRNPA0:NM_006805:exon1:c.T888G:p.G296G	NA	NA	NA
chr5	1.41E+08	1.41E+08	G	T	UTR3	PCDHB9	NA	NA	NA	NA	NA
chr5	1.49E+08	1.49E+08	C	G	ncRNA_exonic	MIR143HG	NA	NA	NA	rs519814	NA
chr5	1.49E+08	1.49E+08	-	T	ncRNA_exonic	MIR143HG	NA	NA	NA	NA	NA
chr5	1.49E+08	1.49E+08	C	T	UTR3	PDE6A	NA	NA	NA	rs72660270	NA
chr5	1.51E+08	1.51E+08	-	A	UTR3	SLC36A2	NA	NA	NA	rs33912867	NA
chr5	1.52E+08	1.52E+08	-	A	UTR3	NMUR2	NA	NA	NA	NA	NA
chr5	1.57E+08	1.57E+08	-	A	UTR3	CYFIP2	NA	NA	NA	NA	NA
chr5	1.58E+08	1.58E+08	-	A	UTR3	EBF1	NA	NA	NA	NA	NA
chr5	1.58E+08	1.58E+08	C	A	UTR3	EBF1	NA	NA	NA	rs112280787	NA
chr5	1.61E+08	1.61E+08	-	T	UTR3	GABRB2	NA	NA	NA	NA	NA
chr5	1.72E+08	1.72E+08	-	A	UTR3	NEURL1B	NA	NA	NA	rs5873335	NA
chr5	1.73E+08	1.73E+08	A	G	exonic	BOD1	synonymous SNV	BOD1:NM_138369:exon3:c.T543C:p.S181S	ID=COSM311048;OCCURENCE=1(lung)	rs77014290	NA
chr5	1.75E+08	1.75E+08	A	C	UTR5	HRH2	NA	NA	NA	NA	NA
chr5	1.76E+08	1.76E+08	A	G	UTR3	EIF4E1B	NA	NA	NA	NA	NA
chr5	1.76E+08	1.76E+08	T	G	UTR3	EIF4E1B	NA	NA	NA	NA	NA
chr6	407629	407629	-	T	UTR3	IRF4	NA	NA	NA	NA	NA
chr6	7249296	7249299	GAGA	-	UTR3	RREB1	NA	NA	NA	rs66585613	NA
chr6	10796303	10796303	T	G	exonic	MAK	nonsynonymous SNV	357H,MAK:NM_001242957:exon9:c.A1071C:p.Q357H,M	NA	NA	P
chr6	18129306	18129306	C	A	UTR3	TPMT	NA	NA	NA	NA	NA
chr6	21597697	21597697	C	T	UTR3	SOX4	NA	NA	NA	NA	NA
chr6	24775181	24775181	G	T	UTR5	GMNN	NA	NA	NA	rs2754775	NA
chr6	25769247	25769247	C	A	exonic	SLC17A4	synonymous SNV	SLC17A4:NM_005495:exon3:c.C126A:p.I42I	NA	NA	NA
chr6	29857177	29857177	G	A	ncRNA_exonic	HLA-H	NA	NA	NA	rs1059578	NA
chr6	29892568	29892568	C	A	ncRNA_exonic	HCG4B	NA	NA	NA	NA	NA
chr6	29892570	29892570	A	T	ncRNA_exonic	HCG4B	NA	NA	NA	NA	NA
chr6	30573785	30573785	A	G	exonic	PPP1R10	synonymous SNV	PPP1R10:NM_002714:exon10:c.T768C:p.T256T	NA	NA	NA
chr6	30673064	30673064	C	T	exonic	MDC1	nonsynonymous SNV	MDC1:NM_014641:exon10:c.G3896A:p.R1299Q	NA	rs144657716	NA
chr6	30673432	30673432	C	T	exonic	MDC1	synonymous SNV	MDC1:NM_014641:exon10:c.G3528A:p.Q1176Q	NA	rs78306040	NA
chr6	30918388	30918388	T	C	exonic	DPCR1	nonsynonymous SNV	DPCR1:NM_080870:exon2:c.T2147C:p.L716P	NA	NA	NA
chr6	30918690	30918690	T	C	exonic	DPCR1	nonsynonymous SNV	DPCR1:NM_080870:exon2:c.T2449C:p.S817P	NA	NA	NA
chr6	31022928	31022928	C	T	ncRNA_intronic	HCG22	NA	NA	NA	rs62401699	NA
chr6	31022929	31022929	A	G	ncRNA_intronic	HCG22	NA	NA	NA	rs9262625	NA
chr6	31324525	31324525	C	T	exonic	HLA-B	nonsynonymous SNV	HLA-B:NM_005514:exon2:c.G283A:p.A95T	NA	rs1131213	NA
chr6	31324528	31324528	G	T	exonic	HLA-B	nonsynonymous SNV	HLA-B:NM_005514:exon2:c.C280A:p.Q94K	NA	rs1071817	NA
chr6	31324547	31324547	G	C	exonic	HLA-B	nonsynonymous SNV	HLA-B:NM_005514:exon2:c.C261G:p.N87K	M329391;OCCURENCE=1(haematopoietic_and_lymphoid_	rs151341177	NA
chr6	31324549	31324549	T	C	exonic	HLA-B	nonsynonymous SNV	HLA-B:NM_005514:exon2:c.A259G:p.N87D	M329392;OCCURENCE=1(haematopoietic_and_lymphoid_	rs143633217	NA
chr6	33054656	33054656	A	C	UTR3	HLA-DPB1	NA	NA	NA	rs930	NA
chr6	33054675	33054675	C	G	UTR3	HLA-DPB1	NA	NA	NA	rs9277529	NA
chr6	38139332	38139353	iTGTGTGTG	-	UTR3	BTBD9	NA	NA	NA	rs72137261	NA
chr6	41090722	41090722	C	A	ncRNA_exonic	ADCY10P1	NA	NA	NA	NA	NA
chr6	41158908	41158909	TG	-	UTR3	TREML2	NA	NA	NA	NA	NA
chr6	45517740	45517740	T	-	UTR3	RUNX2	NA	NA	NA	rs11320232	NA
chr6	47592425	47592425	-	TGTGTG	UTR3	CD2AP	NA	NA	NA	NA	NA
chr6	47792560	47792560	T	-	UTR3	OPN5	NA	NA	NA	NA	NA
chr6	49460746	49460746	C	A	UTR3	CENPQ	NA	NA	NA	NA	NA
chr6	49460762	49460762	G	T	UTR3	CENPQ	NA	NA	NA	NA	NA
chr6	57398207	57398207	G	T	exonic	PRIM2	unknown	UNKNOWN	NA	rs71214816	NA
chr6	57512841	57512841	A	G	UTR3	PRIM2	NA	NA	NA	rs78256005	NA
chr6	57512850	57512850	C	G	UTR3	PRIM2	NA	NA	NA	rs77911716	NA
chr6	57512889	57512889	C	T	UTR3	PRIM2	NA	NA	NA	rs75351177	NA
chr6	83074365	83074365	C	T	UTR5	TPBG	NA	NA	NA	rs770911	NA
chr6	97592002	97592005	AAAG	-	ncRNA_UTR3	MMS22L	NA	NA	NA	NA	NA
chr6	97592005	97592008	GAGA	-	ncRNA_UTR3	MMS22L	NA	NA	NA	NA	NA
chr6	99724024	99724024	A	-	UTR3	FAXC	NA	NA	NA	rs11307978	NA
chr6	1.07E+08	1.07E+08	C	A	UTR3	PRDM1	NA	NA	NA	NA	NA
chr6	1.07E+08	1.07E+08	C	T	UTR3	PRDM1	NA	NA	NA	NA	NA
chr6	1.07E+08	1.07E+08	A	-	UTR3	BEND3	NA	NA	NA	NA	NA
chr6	1.32E+08	1.32E+08	C	G	exonic	ARG1	nonsynonymous SNV	045:exon2:c.C82G:p.P28A,ARG1:NM_001244438:exon2:i	NA	NA	P
chr6	1.37E+08	1.37E+08	AA	-	UTR3	PDE7B	NA	NA	NA	NA	NA
chr6	1.39E+08	1.39E+08	A	-	UTR3	KIAA1244	NA	NA	NA	NA	NA

chr6	1.44E+08	1.44E+08	T	-	UTR3	PHACTR2	NA	NA	NA	NA	NA
chr6	1.44E+08	1.44E+08	A	T	ncRNA_exonic	HYMAI	NA	NA	NA	rs1474882	NA
chr6	1.49E+08	1.49E+08	A	-	UTR3	SASH1	NA	NA	NA	rs5880793	NA
chr6	1.5E+08	1.5E+08	T	C	exonic	ULBP2	synonymous SNV	ULBP2:NM_025217:exon2:c.T219C:p.P73P	NA	rs149454018	NA
chr6	1.51E+08	1.51E+08	G	-	UTR3	PPP1R14C	NA	NA	NA	rs201167515	NA
chr6	1.52E+08	1.52E+08	-	A	UTR3	CCDC170	NA	NA	NA	NA	NA
chr6	1.58E+08	1.58E+08	C	T	UTR3	ARID1B	NA	NA	NA	NA	NA
chr6	1.59E+08	1.59E+08	A	-	UTR3	GTF2H5	NA	NA	NA	rs3841147	NA
chr6	1.59E+08	1.59E+08	T	-	UTR3	GTF2H5	NA	NA	NA	NA	NA
chr6	1.59E+08	1.59E+08	A	C	exonic	TULP4	nonsynonymous SNV	TULP4:NM_020245:exon13:c.A2306C:p.N769T	ID=COSM400671;OCCURENCE=1(lung)	NA	B
chr6	1.6E+08	1.6E+08	G	T	UTR3	WTAP	NA	NA	NA	NA	NA
chr6	1.6E+08	1.6E+08	G	T	UTR3	WTAP	NA	NA	NA	NA	NA
chr6	1.6E+08	1.6E+08	G	T	UTR3	WTAP	NA	NA	NA	NA	NA
chr6	1.6E+08	1.6E+08	G	T	UTR3	WTAP	NA	NA	NA	NA	NA
chr6	1.61E+08	1.61E+08	C	A	exonic	MAP3K4	nonsynonymous SNV	22:exon4:c.C1909A:p.Q637K,MAP3K4:NM_006724:exon4	NA	NA	D
chr6	1.68E+08	1.68E+08	A	C	ncRNA_exonic	MLLT4-AS1	NA	NA	NA	NA	NA
chr6	1.68E+08	1.68E+08	A	G	exonic	HGC6.3	nonsynonymous SNV	HGC6.3:NM_001129895:exon1:c.T230C:p.F77S	NA	NA	NA
chr7	537506	537506	-	AA	UTR3	PDGFA	NA	NA	NA	NA	NA
chr7	537549	537549	G	A	UTR3	PDGFA	NA	NA	NA	NA	NA
chr7	5660749	5660749	A	C	UTR3	RNF216	NA	NA	NA	NA	NA
chr7	5886611	5886611	C	G	ncRNA_exonic	ZNF815P	NA	NA	NA	rs308084	NA
chr7	19155484	19155485	AA	-	UTR3	TWIST1	NA	NA	NA	NA	NA
chr7	20180426	20180427	AC	-	UTR3	MACC1	NA	NA	NA	rs10555255	NA
chr7	20180471	20180471	C	G	UTR3	MACC1	NA	NA	NA	NA	NA
chr7	22158512	22158512	C	A	UTR3	RAPGEF5	NA	NA	NA	NA	NA
chr7	23749892	23749892	C	G	UTR5	STK31	NA	NA	NA	NA	NA
chr7	27147452	27147453	AA	-	UTR3	HOXA3	NA	NA	NA	NA	NA
chr7	30412409	30412409	A	-	ncRNA_exonic	DKFZP58611420	NA	NA	NA	NA	NA
chr7	35734529	35734529	C	G	UTR5	HERPUD2	NA	NA	NA	rs78381277	NA
chr7	35734591	35734591	-	G	UTR5	HERPUD2	NA	NA	NA	rs11394396	NA
chr7	44073817	44073817	A	G	ncRNA_exonic	RASA4CP	NA	NA	NA	NA	NA
chr7	44073823	44073823	T	C	ncRNA_exonic	RASA4CP	NA	NA	NA	NA	NA
chr7	44258943	44258943	G	T	UTR3	CAMK2B	NA	NA	NA	rs74582205	NA
chr7	45123081	45123081	C	G	exonic	NACAD	nonsynonymous SNV	NACAD:NM_001146334:exon2:c.G2698C:p.V900L	NA	NA	NA
chr7	45123379	45123379	G	A	exonic	NACAD	synonymous SNV	NACAD:NM_001146334:exon2:c.C2400T:p.S800S	NA	NA	NA
chr7	45123540	45123540	A	G	exonic	NACAD	nonsynonymous SNV	NACAD:NM_001146334:exon2:c.T2239C:p.S747P	NA	NA	NA
chr7	66774667	66774667	G	T	ncRNA_exonic	STAG3L4	NA	NA	NA	NA	NA
chr7	72336469	72336469	T	-	ncRNA_exonic	SPDYE7P	NA	NA	NA	rs58909282	NA
chr7	72338105	72338105	A	-	ncRNA_exonic	SPDYE7P	NA	NA	NA	NA	NA
chr7	72338148	72338148	T	G	ncRNA_exonic	SPDYE7P	NA	NA	NA	NA	NA
chr7	76131725	76131725	T	C	exonic	DTX2	synonymous SNV	!595:exon7:c.T1341C:p.H447H,DTX2:NM_001102594:exo	NA	NA	NA
chr7	77558429	77558429	G	T	exonic	PHTF2	nonsynonymous SNV	!,PHTF2:NM_001127357:exon10:c.G1021T:p.A341S,PHTF:	NA	NA	NA
chr7	1E+08	1E+08	A	C	exonic	NYAP1	nonsynonymous SNV	NYAP1:NM_173564:exon4:c.A797C:p.Y266S	NA	NA	D
chr7	1E+08	1E+08	A	C	exonic	NYAP1	synonymous SNV	NYAP1:NM_173564:exon4:c.A843C:p.P281P	NA	NA	NA
chr7	1E+08	1E+08	C	A	exonic	ZAN	unknown	UNKNOWN	NA	NA	NA
chr7	1.01E+08	1.01E+08	C	G	exonic	MUC12	nonsynonymous SNV	MUC12:NM_001164462:exon2:c.C2632G:p.H878D	NA	NA	NA
chr7	1.01E+08	1.01E+08	T	A	exonic	MUC12	nonsynonymous SNV	MUC12:NM_001164462:exon2:c.T2634A:p.H878Q	NA	NA	NA
chr7	1.01E+08	1.01E+08	T	C	exonic	MUC12	synonymous SNV	MUC12:NM_001164462:exon2:c.T2670C:p.D890D	NA	NA	NA
chr7	1.01E+08	1.01E+08	A	C	exonic	MUC12	nonsynonymous SNV	MUC12:NM_001164462:exon2:c.A2682C:p.L894F	NA	NA	NA
chr7	1.01E+08	1.01E+08	A	T	exonic	MUC12	synonymous SNV	MUC12:NM_001164462:exon2:c.A2721T:p.S907S	NA	NA	NA
chr7	1.01E+08	1.01E+08	A	C	exonic	MUC12	nonsynonymous SNV	MUC12:NM_001164462:exon2:c.A2798C:p.Q933P	NA	NA	NA
chr7	1.01E+08	1.01E+08	G	A	exonic	MUC12	nonsynonymous SNV	MUC12:NM_001164462:exon2:c.G2995A:p.A999T	NA	NA	NA
chr7	1.01E+08	1.01E+08	C	G	exonic	MUC12	nonsynonymous SNV	MUC12:NM_001164462:exon2:c.C3004G:p.H1002D	NA	NA	NA
chr7	1.01E+08	1.01E+08	C	G	exonic	MUC12	nonsynonymous SNV	MUC12:NM_001164462:exon2:c.C3067G:p.R1023G	NA	NA	NA
chr7	1.01E+08	1.01E+08	G	A	exonic	MUC12	nonsynonymous SNV	MUC12:NM_001164462:exon2:c.G3076A:p.G1026S	NA	NA	NA
chr7	1.01E+08	1.01E+08	G	C	exonic	MUC12	nonsynonymous SNV	MUC12:NM_001164462:exon2:c.G7226C:p.S2409T	NA	NA	NA
chr7	1.01E+08	1.01E+08	G	A	exonic	MUC12	nonsynonymous SNV	MUC12:NM_001164462:exon2:c.G8069A:p.R2690H	NA	NA	NA
chr7	1.01E+08	1.01E+08	G	C	exonic	MUC12	nonsynonymous SNV	MUC12:NM_001164462:exon2:c.G10142C:p.S3381T	NA	NA	NA
chr7	1.01E+08	1.01E+08	G	A	exonic	MUC12	nonsynonymous SNV	MUC12:NM_001164462:exon2:c.G10238A:p.S3413N	NA	rs200547720	NA
chr7	1.01E+08	1.01E+08	C	T	exonic	MUC12	nonsynonymous SNV	MUC12:NM_001164462:exon2:c.C11036T:p.T3679I	NA	rs201665808	NA
chr7	1.01E+08	1.01E+08	C	G	exonic	MUC12	nonsynonymous SNV	MUC12:NM_001164462:exon2:c.C11327G:p.P3776R	NA	rs201148522	NA
chr7	1.05E+08	1.05E+08	C	A	ncRNA_exonic	LHFPL3-AS2	NA	NA	NA	NA	NA

chr7	1.06E+08	1.06E+08	G	A	exonic	CDHR3	nonsynonymous SNV	CDHR3:NM_152750:exon12:c.G1586A:p.C529Y	NA	rs6967330	NA
chr7	1.07E+08	1.07E+08	A	C	UTR3	COG5	NA	NA	NA	NA	NA
chr7	1.16E+08	1.16E+08	-	A	UTR3	CAV2	NA	NA	NA	NA	NA
chr7	1.2E+08	1.2E+08	A	C	exonic	KCND2	synonymous SNV	KCND2:NM_012281:exon1:c.A873C:p.T291T	NA	NA	NA
chr7	1.21E+08	1.21E+08	A	C	exonic	WNT16	nonsynonymous SNV	.6087:exon2:c.A253C:p.T85P,WNT16:NM_057168:exon2:c	NA	NA	B
chr7	1.22E+08	1.22E+08	G	A	exonic	AASS	nonsynonymous SNV	AASS:NM_005763:exon14:c.C1456T:p.L486F	NA	NA	D
chr7	1.23E+08	1.23E+08	AA	-	UTR3	SLC13A1	NA	NA	NA	NA	NA
chr7	1.23E+08	1.23E+08	T	G	exonic	WASL	synonymous SNV	WASL:NM_003941:exon9:c.A1119C:p.P373P	NA	NA	NA
chr7	1.28E+08	1.28E+08	A	-	UTR3	LEP	NA	NA	NA	rs112344366	NA
chr7	1.3E+08	1.3E+08	TGTGTG	-	UTR3	CPA4	NA	NA	NA	rs146877444	NA
chr7	1.31E+08	1.31E+08	C	A	exonic	PODXL	nonsynonymous SNV	118111:exon2:c.G488T:p.S163I,PODXL:NM_005397:exon2	NA	NA	P
chr7	1.39E+08	1.39E+08	A	C	UTR3	HIPK2	NA	NA	NA	NA	NA
chr7	1.4E+08	1.4E+08	AA	-	ncRNA_exonic	NDUFB2-AS1	NA	NA	NA	NA	NA
chr7	1.42E+08	1.42E+08	T	C	exonic	PRSS1	synonymous SNV	PRSS1:NM_002769:exon4:c.T567C:p.L189L	NA	NA	NA
chr7	1.43E+08	1.43E+08	A	G	exonic	CTAGE15	synonymous SNV	CTAGE15:NM_001008747:exon1:c.A1839G:p.G613G	NA	NA	NA
chr7	1.43E+08	1.43E+08	T	A	exonic	CTAGE15	synonymous SNV	CTAGE15:NM_001008747:exon1:c.T1869A:p.P623P	NA	NA	NA
chr7	1.43E+08	1.43E+08	T	C	exonic	CTAGE15	nonsynonymous SNV	CTAGE15:NM_001008747:exon1:c.T1915C:p.S639P	NA	NA	NA
chr7	1.44E+08	1.44E+08	A	G	exonic	CTAGE4	synonymous SNV	CTAGE4:NM_198495:exon1:c.T2268C:p.Y756Y	NA	rs202035285	NA
chr7	1.51E+08	1.51E+08	C	A	exonic	ASB10	nonsynonymous SNV	C260F,ASB10:NM_001142460:exon3:c.G779T:p.C260F,AS	NA	NA	B
chr7	1.52E+08	1.52E+08	A	T	UTR3	GALNT11	NA	NA	NA	NA	NA
chr7	1.52E+08	1.52E+08	C	G	exonic	MLL3	nonsynonymous SNV	MLL3:NM_170606:exon16:c.G2755C:p.V919L D=COSM1131646,COSM1131647;OCCURENCE=1(prostate	rs111791757	B	
chr7	1.55E+08	1.55E+08	C	A	ncRNA_exonic	LOC202781	NA	NA	NA	NA	NA
chr8	1729586	1729586	T	G	UTR3	CLN8	NA	NA	NA	NA	NA
chr8	1733665	1733665	T	G	UTR3	CLN8	NA	NA	NA	NA	NA
chr8	2793892	2793892	-	AT	UTR3	CSMD1	NA	NA	NA	rs138563405	NA
chr8	10464990	10464990	T	C	exonic	RP1L1	synonymous SNV	RP1L1:NM_178857:exon4:c.A6618G:p.Q2206Q	NA	NA	NA
chr8	10465086	10465086	T	C	exonic	RP1L1	synonymous SNV	RP1L1:NM_178857:exon4:c.A6522G:p.Q2174Q	NA	NA	NA
chr8	11279878	11279878	T	G	ncRNA_UTR3	FAM167A	NA	NA	NA	rs113139618	NA
chr8	11973535	11973535	A	G	ncRNA_exonic	FAM66D	NA	NA	NA	NA	NA
chr8	12040998	12040998	G	A	UTR3	FAM86B1	NA	NA	NA	rs141787656	NA
chr8	12283157	12283157	T	C	UTR3	FAM86B2	NA	NA	NA	rs2698896	NA
chr8	17079490	17079491	TT	-	UTR3	ZDHHC2	NA	NA	NA	NA	NA
chr8	17579505	17579505	A	-	UTR5	MTUS1	NA	NA	NA	rs34302917	NA
chr8	20106557	20106557	A	G	UTR3	LZTS1	NA	NA	NA	NA	NA
chr8	23536561	23536563	TTT	-	UTR3	NKX3-1	NA	NA	NA	rs140739091	NA
chr8	28205758	28205758	A	C	UTR3	ZNF395	NA	NA	NA	NA	NA
chr8	41481358	41481358	T	-	UTR3	AGPAT6	NA	NA	NA	NA	NA
chr8	41788246	41788246	A	T	UTR3	KAT6A	NA	NA	NA	NA	NA
chr8	52733242	52733242	C	T	exonic	PCMTD1	nonsynonymous SNV	PCMTD1:NM_052937:exon6:c.G743A:p.R248H	NA	rs79820636	D
chr8	57307835	57307835	C	A	intergenic	dist=74594),PENK(d	NA	NA	NA	NA	NA
chr8	75279333	75279333	-	AAA	UTR3	GDAP1	NA	NA	NA	NA	NA
chr8	86572249	86572249	A	G	UTR3	REXO1L1	NA	NA	NA	rs28564465	NA
chr8	88884730	88884730	A	-	UTR3	DCAF4L2	NA	NA	NA	rs57457601	NA
chr8	92971184	92971184	T	-	UTR3	RUNX1T1	NA	NA	NA	NA	NA
chr8	98787930	98787930	-	AGAGCTCCA	UTR5	LAPTM4B	NA	NA	NA	rs146027280	NA
chr8	1.02E+08	1.02E+08	G	A	exonic	PABPC1	nonsynonymous SNV	PABPC1:NM_002568:exon11:c.C1477T:p.R493C	NA	rs62513924	P
chr8	1.16E+08	1.16E+08	C	A	UTR3	TRPS1	NA	NA	NA	NA	NA
chr8	1.23E+08	1.23E+08	C	T	ncRNA_UTR5	HAS2	NA	NA	NA	NA	NA
chr8	1.23E+08	1.23E+08	C	T	ncRNA_UTR5	HAS2	NA	NA	NA	NA	NA
chr8	1.31E+08	1.31E+08	T	C	exonic	ASAP1	nonsynonymous SNV	:exon24:c.A2182G:p.I728V,ASAP1:NM_001247996:exon2	ID=COSM150541;OCCURENCE=1(stomach)	rs966185	B
chr8	1.32E+08	1.32E+08	C	A	exonic	ADCY8	nonsynonymous SNV	ADCY8:NM_001115:exon4:c.G1252T:p.A418S	NA	NA	D
chr8	1.34E+08	1.34E+08	TT	-	UTR3	SLA	NA	NA	NA	NA	NA
chr8	1.46E+08	1.46E+08	C	A	UTR3	ZNF250	NA	NA	NA	NA	NA
chr8	1.46E+08	1.46E+08	T	A	ncRNA_exonic	TMED10P1	NA	NA	NA	NA	NA
chr9	117998	117998	G	T	exonic	FOXD4	nonsynonymous SNV	FOXD4:NM_207305:exon1:c.C122A:p.A41E	ID=COSM226644;OCCURENCE=1(skin)	rs66612967	B
chr9	711797	711797	A	G	exonic	KANK1	nonsynonymous SNV	xon3:c.A1031G:p.E344G,KANK1:NM_001256877:exon4:c.	NA	rs76363411	D
chr9	5128081	5128086	TGTGTG	-	UTR3	JAK2	NA	NA	NA	rs139964957	NA
chr9	14083479	14083479	A	-	UTR3	NFIB	NA	NA	NA	NA	NA
chr9	33043991	33043992	AA	-	UTR3	SMU1	NA	NA	NA	rs141620295	NA
chr9	33111314	33111314	T	A	UTR3	B4GALT1	NA	NA	NA	NA	NA
chr9	33385667	33385667	A	G	exonic	AQP7	synonymous SNV	AQP7:NM_001170:exon7:c.T723C:p.G241G	NA	rs79779983	NA
chr9	33385698	33385698	A	G	exonic	AQP7	nonsynonymous SNV	AQP7:NM_001170:exon7:c.T692C:p.L231P	NA	rs145516206	B

chr9	33385712	33385712	G	A	exonic	AQP7	synonymous SNV	AQP7:NM_001170:exon7:c.C678T:p.N226N	NA	rs115575789	NA
chr9	33385733	33385733	C	T	exonic	AQP7	nonsynonymous SNV	AQP7:NM_001170:exon7:c.G657A:p.M219I	=COSM1180629;OCCURENCE=1(upper_aerodigestive_tra	rs201117022	B
chr9	33385740	33385740	A	T	exonic	AQP7	nonsynonymous SNV	AQP7:NM_001170:exon7:c.T650A:p.L217H	NA	rs201773300	B
chr9	66500435	66500435	C	A	ncRNA_exonic	TGER4P2-CDK2AP2F	NA	NA	NA	rs200229634	NA
chr9	69202059	69202059	T	C	UTR5	FOXD4L6	NA	NA	NA	NA	NA
chr9	69424311	69424311	C	A	UTR3	ANKRD20A4	NA	NA	NA	rs3866289	NA
chr9	70177559	70177559	A	G	exonic	FOXD4L5	nonsynonymous SNV	FOXD4L5:NM_001126334:exon1:c.T425C:p.F142S	NA	NA	NA
chr9	70912543	70912543	A	T	exonic	CBWD3	nonsynonymous SNV	CBWD3:NM_201453:exon12:c.A864T:p.E288D	NA	rs1127334	B
chr9	99538299	99538299	C	A	exonic	ZNF510	nonsynonymous SNV	ZNF510:NM_014930:exon2:c.G53T:p.G18V	NA	NA	D
chr9	99672115	99672115	C	T	ncRNA_exonic	LOC441454	NA	NA	NA	rs201340221	NA
chr9	1.02E+08	1.02E+08	G	T	UTR3	TGFBR1	NA	NA	NA	rs199545273	NA
chr9	1.04E+08	1.04E+08	T	-	UTR3	LPPR1	NA	NA	NA	rs60292880	NA
chr9	1.1E+08	1.1E+08	A	C	exonic	ZNF462	nonsynonymous SNV	ZNF462:NM_021224:exon3:c.A4303C:p.T1435P	NA	NA	B
chr9	1.12E+08	1.12E+08	T	-	UTR3	TMEM245	NA	NA	NA	NA	NA
chr9	1.16E+08	1.16E+08	G	T	UTR3	SNX30	NA	NA	NA	rs113416907	NA
chr9	1.31E+08	1.31E+08	T	C	exonic	CERCAM	nonsynonymous SNV	CERCAM:NM_016174:exon5:c.T590C:p.F197S	NA	NA	P
chr9	1.31E+08	1.31E+08	A	G	exonic	CERCAM	synonymous SNV	CERCAM:NM_016174:exon5:c.A672G:p.E224E	NA	NA	NA
chr9	1.32E+08	1.32E+08	C	G	UTR3	PPP2R4	NA	NA	NA	NA	NA
chr9	1.32E+08	1.32E+08	C	G	UTR3	PPP2R4	NA	NA	NA	NA	NA
chr9	1.32E+08	1.32E+08	T	A	UTR3	PPP2R4	NA	NA	NA	NA	NA
chr9	1.33E+08	1.33E+08	A	-	UTR3	FNBP1	NA	NA	NA	rs5900873	NA
chr9	1.34E+08	1.34E+08	C	T	UTR5	PPAPDC3	NA	NA	NA	rs7041276	NA
chr9	1.35E+08	1.35E+08	C	T	UTR3	NTNG2	NA	NA	NA	NA	NA
chr9	1.36E+08	1.36E+08	T	G	UTR3	ABO	NA	NA	NA	NA	NA
chr9	1.36E+08	1.36E+08	G	T	UTR5	ADAMTSL2	NA	NA	NA	NA	NA
chr9	1.4E+08	1.4E+08	A	G	exonic	KIAA1984	nonsynonymous SNV	KIAA1984:NM_001039374:exon10:c.A1070G:p.E357G	NA	NA	P
chr9	1.41E+08	1.41E+08	T	C	ncRNA_exonic	TUBBP5	NA	NA	NA	rs28578364	NA
chr10	1209490	1209490	A	G	ncRNA_exonic	LINC00200	NA	NA	NA	rs10903391	NA
chr10	1209495	1209495	G	C	ncRNA_exonic	LINC00200	NA	NA	NA	rs11250303	NA
chr10	6157836	6157839	AAAA	-	UTR3	RBM17	NA	NA	NA	rs71390125	NA
chr10	17840303	17840303	T	C	UTR3	TMEM236	NA	NA	NA	rs34022011	NA
chr10	21803421	21803421	-	A	UTR3	SKIDA1	NA	NA	NA	NA	NA
chr10	21807470	21807470	A	-	UTR5	SKIDA1	NA	NA	NA	rs111265769	NA
chr10	21807780	21807781	TT	-	UTR5	SKIDA1	NA	NA	NA	NA	NA
chr10	24873151	24873152	AT	-	UTR3	ARHGAP21	NA	NA	NA	rs35918968	NA
chr10	29801764	29801764	T	C	exonic	SVIL	nonsynonymous SNV	l:exon15:c.A2138G;p.E713G,SVIL:NM_021738:exon17:c.A	NA	NA	D
chr10	45496046	45496046	C	A	exonic	C10orf25	stopgain SNV	C10orf25:NM_001039380:exon1:c.G262T:p.E88X	NA	NA	NA
chr10	46963951	46963951	G	A	exonic	SYT15	synonymous SNV	912:exon7:c.C1012T;p.L338L,SYT15:NM_181519:exon7:c.	NA	rs55945664	NA
chr10	49812917	49812917	T	C	UTR5	ARHGAP22	NA	NA	NA	rs17010948	NA
chr10	50223165	50223166	TT	-	UTR3	VSTM4	NA	NA	NA	NA	NA
chr10	50966445	50966445	C	A	exonic	OGDHL	nonsynonymous SNV	.143996:exon2:c.G194T;p.S65I,OGDHL:NM_018245:exon2	NA	NA	D
chr10	51226439	51226439	T	G	exonic	AGAP8	nonsynonymous SNV	81N,AGAP8:NM_001276344:exon7:c.A543C:p.K181N,AG/	NA	rs201124655	B
chr10	51748584	51748584	A	G	exonic	AGAP6	nonsynonymous SNV	AGAP6:NM_001077665:exon1:c.A109G:p.R37G	NA	rs200504295	NA
chr10	60474828	60474828	A	-	ncRNA_exonic	FAM133CP	NA	NA	NA	NA	NA
chr10	62544601	62544601	G	T	exonic	CDK1	nonsynonymous SNV	1170407:exon3:c.G176T;p.R59L,CDK1:NM_001786:exon3	NA	NA	B
chr10	63955366	63955381	GAAGGAAG	-	UTR3	RTKN2	NA	NA	NA	NA	NA
chr10	70043500	70043500	-	TG	UTR3	PBLD	NA	NA	NA	NA	NA
chr10	71267385	71267385	G	T	UTR3	TSPAN15	NA	NA	NA	NA	NA
chr10	71333106	71333106	G	C	UTR5	NEUROG3	NA	NA	NA	rs10998862	NA
chr10	72328155	72328155	T	-	UTR3	PALD1	NA	NA	NA	rs71012215	NA
chr10	79741920	79741920	T	G	exonic	POLR3A	nonsynonymous SNV	POLR3A:NM_007055:exon28:c.A3751C:p.T1251P	NA	NA	P
chr10	81587323	81587323	A	-	ncRNA_exonic	LOC642361	NA	NA	NA	NA	NA
chr10	87359676	87359676	-	CTCACACA	ncRNA_UTR3	GRID1	NA	NA	NA	NA	NA
chr10	88677008	88677008	A	T	exonic	BMPR1A	nonsynonymous SNV	BMPR1A:NM_004329:exon9:c.A793T:p.T265S	NA	NA	P
chr10	88677045	88677045	T	A	exonic	BMPR1A	nonsynonymous SNV	BMPR1A:NM_004329:exon9:c.T830A:p.I277N	NA	NA	D
chr10	89125529	89125529	G	C	ncRNA_exonic	NUTM2D	NA	NA	NA	rs2767120	D
chr10	89619806	89619806	G	A	UTR3	KLLN	NA	NA	NA	NA	NA
chr10	89726612	89726612	G	A	UTR3	PTEN	NA	NA	NA	NA	NA
chr10	99192863	99192863	-	ATAA	UTR3	PGAM1	NA	NA	NA	NA	NA
chr10	99371771	99371771	C	T	UTR3	HOGA1	NA	NA	NA	rs1977642	NA
chr10	1.02E+08	1.02E+08	G	T	UTR3	HIF1AN	NA	NA	NA	rs75780010	NA
chr10	1.02E+08	1.02E+08	G	T	UTR3	HIF1AN	NA	NA	NA	NA	NA

chr10	1.16E+08	1.16E+08	T	C	UTR3	PLEKHS1	NA	NA	NA	NA	NA
chr10	1.18E+08	1.18E+08	-	TG	UTR3	GFRA1	NA	NA	NA	NA	NA
chr10	1.18E+08	1.18E+08	T	A	UTR3	GFRA1	NA	NA	NA	rs142941024	NA
chr10	1.18E+08	1.18E+08	T	A	UTR3	GFRA1	NA	NA	NA	rs145714787	NA
chr10	1.21E+08	1.21E+08	C	A	UTR3	TIAL1	NA	NA	NA	rs111740135	NA
chr10	1.26E+08	1.26E+08	A	C	UTR3	FAM53B	NA	NA	NA	rs1057103	NA
chr10	1.27E+08	1.27E+08	T	A	UTR3	CTBP2	NA	NA	NA	NA	NA
chr10	1.27E+08	1.27E+08	T	A	UTR3	CTBP2	NA	NA	NA	NA	NA
chr10	1.27E+08	1.27E+08	T	-	exonic	CTBP2	frameshift deletion	83914:exon3:c.57delA:p.E19fs,CTBP2:NM_001329:exon3	NA	NA	NA
chr10	1.28E+08	1.28E+08	C	T	UTR5	FANK1	NA	NA	NA	rs79612842	NA
chr10	1.28E+08	1.28E+08	G	C	UTR5	FANK1	NA	NA	NA	rs80288044	NA
chr10	1.28E+08	1.28E+08	C	A	UTR5	FANK1	NA	NA	NA	rs74162870	NA
chr10	1.3E+08	1.3E+08	T	C	UTR3	FOXI2	NA	NA	NA	NA	NA
chr10	1.3E+08	1.3E+08	T	C	UTR3	FOXI2	NA	NA	NA	NA	NA
chr10	1.34E+08	1.34E+08	A	G	exonic	DPYSL4	nonsynonymous SNV	DPYSL4:NM_006426:exon8:c.A773G:p.K258R	NA	NA	B
chr10	1.34E+08	1.34E+08	A	T	UTR3	LRRC27	NA	NA	NA	rs113666011	NA
chr10	1.35E+08	1.35E+08	G	A	exonic	FRG2B	synonymous SNV	FRG2B:NM_001080998:exon3:c.C312T:p.D104D	NA	NA	NA
chr11	128770	128770	C	T	ncRNA_exonic	LOC100133161	NA	NA	NA	NA	NA
chr11	1017277	1017277	A	G	exonic	MUC6	nonsynonymous SNV	MUC6:NM_005961:exon31:c.T5524C:p.S1842P	NA	rs111373859	NA
chr11	1017440	1017440	C	T	exonic	MUC6	synonymous SNV	MUC6:NM_005961:exon31:c.G5361A:p.S1787S	NA	rs78729877	NA
chr11	1018228	1018228	G	A	exonic	MUC6	synonymous SNV	MUC6:NM_005961:exon31:c.C4573T:p.L1525L	NA	NA	NA
chr11	1018290	1018290	G	A	exonic	MUC6	nonsynonymous SNV	MUC6:NM_005961:exon31:c.C4511T:p.P1504L	NA	NA	NA
chr11	1018341	1018341	G	A	exonic	MUC6	nonsynonymous SNV	MUC6:NM_005961:exon31:c.C4460T:p.P1487L	NA	rs79748612	NA
chr11	1090928	1090928	A	C	exonic	MUC2	nonsynonymous SNV	MUC2:NM_002457:exon28:c.A3823C:p.T1275P	NA	NA	NA
chr11	1090937	1090937	A	C	exonic	MUC2	nonsynonymous SNV	MUC2:NM_002457:exon28:c.A3832C:p.T1278P	NA	NA	NA
chr11	1093452	1093452	G	A	exonic	MUC2	synonymous SNV	MUC2:NM_002457:exon30:c.G5271A:p.P1757P	D=COSM1127915,COSM1127916;OCCURENCE=1(prostate	rs34136803	NA
chr11	1264381	1264381	A	C	exonic	MUC5B	nonsynonymous SNV	MUC5B:NM_002458:exon31:c.A6271C:p.T2091P	NA	NA	NA
chr11	1269500	1269500	T	C	exonic	MUC5B	nonsynonymous SNV	MUC5B:NM_002458:exon31:c.T11390C:p.I3797T	NA	NA	NA
chr11	1271763	1271763	A	C	exonic	MUC5B	synonymous SNV	MUC5B:NM_002458:exon31:c.A13653C:p.T4551T	:COSM1152309,COSM924786;OCCURENCE=1(endometriu	NA	NA
chr11	1605892	1605892	A	G	exonic	KRTAP5-1	synonymous SNV	KRTAP5-1:NM_001005922:exon1:c.T588C:p.G196G	NA	NA	NA
chr11	1605916	1605916	A	G	exonic	KRTAP5-1	synonymous SNV	KRTAP5-1:NM_001005922:exon1:c.T564C:p.G188G	NA	NA	NA
chr11	1605919	1605919	G	A	exonic	KRTAP5-1	synonymous SNV	KRTAP5-1:NM_001005922:exon1:c.C561T:p.C187C	NA	NA	NA
chr11	1606166	1606166	G	C	exonic	KRTAP5-1	nonsynonymous SNV	KRTAP5-1:NM_001005922:exon1:c.C314G:p.S105C	NA	NA	NA
chr11	2696063	2696063	A	-	ncRNA_exonic	KCNQ1OT1	NA	NA	NA	rs34219164	NA
chr11	2720927	2720927	C	T	ncRNA_exonic	KCNQ1OT1	NA	NA	NA	rs12360708	NA
chr11	6633033	6633033	A	C	exonic	TAF10	synonymous SNV	TAF10:NM_006284:exon2:c.T249G:p.G83G	NA	NA	NA
chr11	9304488	9304488	A	-	UTR3	TMEM41B	NA	NA	NA	rs56313114	NA
chr11	21555994	21555994	C	A	exonic	NELL1	nonsynonymous SNV	NELL1:NM_006157:exon16:c.C1720A:p.H574N	NA	NA	D
chr11	26690764	26690764	T	C	UTR3	SLC5A12	NA	NA	NA	NA	NA
chr11	33757941	33757941	A	G	UTR5	CD59	NA	NA	NA	rs13614	NA
chr11	35829803	35829803	G	A	UTR3	TRIM44	NA	NA	NA	NA	NA
chr11	46383244	46383244	C	A	UTR5	DGKZ	NA	NA	NA	NA	NA
chr11	56959046	56959046	T	G	UTR3	LRRC55	NA	NA	NA	NA	NA
chr11	56959052	56959052	T	G	UTR3	LRRC55	NA	NA	NA	NA	NA
chr11	56959056	56959056	A	G	UTR3	LRRC55	NA	NA	NA	NA	NA
chr11	56959061	56959061	T	G	UTR3	LRRC55	NA	NA	NA	NA	NA
chr11	61405598	61405598	-	AAA	ncRNA_exonic	RPLP0P2	NA	NA	NA	NA	NA
chr11	61560372	61560372	C	T	UTR5	FEN1	NA	NA	NA	NA	NA
chr11	61567669	61567669	T	-	UTR3	FADS1	NA	NA	NA	NA	NA
chr11	64004692	64004692	C	T	exonic	VEGFB	synonymous SNV	I3733:exon5:c.C408T:p.D136D,VEGFB:NM_003377:exon5	ID=COSM147267;OCCURENCE=1(stomach)	rs12366035	NA
chr11	65143541	65143543	AAA	-	UTR3	SLC25A45	NA	NA	NA	NA	NA
chr11	66393069	66393069	G	C	exonic	RBM14	synonymous SNV	RBM14:NM_006328:exon2:c.G1722C:p.P574P	NA	NA	NA
chr11	70281360	70281362	TTT	-	UTR3	CTTN	NA	NA	NA	rs71992777	NA
chr11	71238760	71238760	A	C	exonic	KRTAP5-7	synonymous SNV	KRTAP5-7:NM_001012503:exon1:c.A414C:p.S138S	NA	NA	NA
chr11	71708250	71708251	GT	-	UTR3	RNF121	NA	NA	NA	rs3841467	NA
chr11	71715015	71715015	-	G	exonic	NUMA1	frameshift insertion	NUMA1:NM_006185:exon26:c.6254_6255insC:p.R2085fs	NA	NA	NA
chr11	73472134	73472134	A	C	UTR5	RAB6A	NA	NA	NA	rs6592533	NA
chr11	89701844	89701844	T	C	exonic	TRIM64	nonsynonymous SNV	TRIM64:NM_001136486:exon1:c.T173C:p.I58T	NA	rs145750208	NA
chr11	94803548	94803548	G	A	UTR3	SRSF8	NA	NA	NA	rs201925344	NA
chr11	1.01E+08	1.01E+08	T	G	exonic	PGR	synonymous SNV	I21P,PGR:NM_001202474:exon1:c.A771C:p.P257P,PGR:N	NA	NA	NA
chr11	1.02E+08	1.02E+08	T	A	UTR3	KIAA1377	NA	NA	NA	NA	NA
chr11	1.03E+08	1.03E+08	T	G	UTR3	DCUN1D5	NA	NA	NA	NA	NA

chr11	1.03E+08	1.03E+08	T	C	exonic	DYNC2H1	synonymous SNV	on83:c.T12096C:p.D4032D,DYNC2H1:NM_001080463:exc	NA	rs2566913	NA
chr11	1.06E+08	1.06E+08	A	C	UTR3	GRIA4	NA	NA	NA	rs188861527	NA
chr11	1.08E+08	1.08E+08	CA	CGA	UTR3	SLC35F2	NA	NA	NA	NA	NA
chr11	1.08E+08	1.08E+08	A	C	UTR3	SLC35F2	NA	NA	NA	rs111576438	NA
chr11	1.1E+08	1.1E+08	A	-	UTR3	ARHGAP20	NA	NA	NA	rs35306856	NA
chr11	1.12E+08	1.12E+08	G	T	UTR3	C11orf57	NA	NA	NA	NA	NA
chr11	1.13E+08	1.13E+08	C	T	UTR3	NCAM1	NA	NA	NA	NA	NA
chr11	1.18E+08	1.18E+08	CA	-	UTR3	FXYP6	NA	NA	NA	rs57385031	NA
chr11	1.19E+08	1.19E+08	A	C	UTR3	DDX6	NA	NA	NA	NA	NA
chr11	1.2E+08	1.2E+08	C	T	UTR3	POU2F3	NA	NA	NA	rs4938797	NA
chr11	1.22E+08	1.22E+08	-	A	ncRNA_exonic	MIR100HG	NA	NA	NA	NA	NA
chr11	1.26E+08	1.26E+08	C	A	exonic	CDON	stopgain SNV	43597:exon6:c.G928T;p.E310X,CDON:NM_016952:exon6:	NA	NA	NA
chr12	863076	863076	T	C	exonic	WNK1	synonymous SNV	l4823:exon1:c.T345C:p.A115A,WNK1:NM_018979:exon1:	NA	NA	NA
chr12	1021912	1021912	C	-	UTR3	RAD52	NA	NA	NA	rs71441627	NA
chr12	3048755	3048755	A	G	UTR3	TULP3	NA	NA	NA	rs11062424	NA
chr12	5021439	5021439	G	T	exonic	KCNA1	nonsynonymous SNV	KCNA1:NM_000217:exon2:c.G895T:p.V299F	NA	NA	D
chr12	8353374	8353374	G	A	ncRNA_exonic	FAM66C	NA	NA	NA	rs200171719	NA
chr12	8927164	8927164	G	T	UTR3	RIMKLB	NA	NA	NA	NA	NA
chr12	9446339	9446339	C	T	ncRNA_exonic	LOC642846	NA	NA	NA	rs202101079	NA
chr12	9800777	9800777	T	G	ncRNA_exonic	LOC374443	NA	NA	NA	NA	NA
chr12	9849140	9849145	AAAGTA	-	UTR3	CLEC2D	NA	NA	NA	rs150209689	NA
chr12	11420895	11420895	C	T	exonic	PRB3	synonymous SNV	PRB3:NM_006249:exon3:c.G288A:p.P96P	NA	NA	NA
chr12	11421004	11421004	C	G	exonic	PRB3	nonsynonymous SNV	PRB3:NM_006249:exon3:c.G179C:p.R60P	NA	rs71455364	NA
chr12	11461440	11461440	T	C	exonic	PRB4	synonymous SNV	PRB4:NM_002723:exon3:c.A477G:p.P159P	NA	NA	NA
chr12	11461444	11461444	T	G	exonic	PRB4	nonsynonymous SNV	PRB4:NM_002723:exon3:c.A473C:p.H158P	NA	rs59774427	NA
chr12	11461490	11461490	T	C	exonic	PRB4	nonsynonymous SNV	PRB4:NM_002723:exon3:c.A427G:p.R143G	NA	rs113771252	NA
chr12	11461738	11461738	G	C	exonic	PRB4	nonsynonymous SNV	261399:exon3:c.C179G:p.P60R,PRB4:NM_002723:exon3:c:	NA	rs79562958	NA
chr12	11546258	11546258	G	T	exonic	PRB2	nonsynonymous SNV	PRB2:NM_006248:exon3:c.C754A:p.Q252K	NA	NA	NA
chr12	12045145	12045146	TT	-	ncRNA_UTR3	ETV6	NA	NA	NA	NA	NA
chr12	19529083	19529083	A	-	UTR3	PLEKHA5	NA	NA	NA	NA	NA
chr12	22839786	22839793	TTTTTTTT	-	UTR3	ETNK1	NA	NA	NA	rs57569708	NA
chr12	39047480	39047480	C	A	UTR3	CPNE8	NA	NA	NA	NA	NA
chr12	50017647	50017647	T	G	intronic	PRPF40B	NA	NA	NA	NA	NA
chr12	50017657	50017657	T	G	intronic	PRPF40B	NA	NA	NA	NA	NA
chr12	50745739	50745739	A	G	exonic	FAM186A	nonsynonymous SNV	FAM186A:NM_001145475:exon4:c.T4876C:p.S1626P	NA	NA	NA
chr12	50746927	50746927	T	G	exonic	FAM186A	nonsynonymous SNV	FAM186A:NM_001145475:exon4:c.A3688C:p.T1230P	NA	NA	NA
chr12	50747248	50747248	A	G	exonic	FAM186A	nonsynonymous SNV	FAM186A:NM_001145475:exon4:c.T3367C:p.F1123L	NA	NA	NA
chr12	51891648	51891648	C	A	intronic	SLC4A8	NA	NA	NA	NA	NA
chr12	52374856	52374856	T	G	exonic	ACVR1B	synonymous SNV	228G,ACVR1B:NM_020327:exon4:c.T528G:p.G176G,ACVF	NA	NA	NA
chr12	52845601	52845601	C	T	exonic	KRT6B	nonsynonymous SNV	KRT6B:NM_005555:exon1:c.G262A:p.G88R	NA	rs201122967	NA
chr12	52845665	52845665	G	T	exonic	KRT6B	synonymous SNV	KRT6B:NM_005555:exon1:c.C198A:p.G66G	NA	rs141114189	NA
chr12	53162729	53162729	A	C	exonic	KRT76	nonsynonymous SNV	KRT76:NM_015848:exon9:c.T1685G:p.V562G	NA	NA	NA
chr12	53810134	53810135	TT	-	UTR3	SP1	NA	NA	NA	NA	NA
chr12	54943322	54943322	A	G	UTR5	PDE1B	NA	NA	NA	NA	NA
chr12	54943340	54943340	A	G	UTR5	PDE1B	NA	NA	NA	NA	NA
chr12	54943354	54943354	A	G	UTR5	PDE1B	NA	NA	NA	NA	NA
chr12	56810470	56810470	G	T	UTR3	TIMELESS	NA	NA	NA	NA	NA
chr12	57487230	57487230	C	A	exonic	NAB2	nonsynonymous SNV	NAB2:NM_005967:exon6:c.C1317A:p.D439E	NA	NA	NA
chr12	58146158	58146158	G	T	UTR5	CDK4	NA	NA	NA	NA	NA
chr12	58146161	58146161	G	T	UTR5	CDK4	NA	NA	NA	NA	NA
chr12	64541138	64541138	A	C	UTR3	SRGAP1	NA	NA	NA	NA	NA
chr12	64541205	64541205	A	C	UTR3	SRGAP1	NA	NA	NA	NA	NA
chr12	66218519	66218519	C	G	ncRNA_UTR5	HMGA2	NA	NA	NA	rs12425965	NA
chr12	70214497	70214497	G	T	UTR3	RAB3IP	NA	NA	NA	rs11177881	NA
chr12	72079926	72079926	T	G	UTR5	TMEM19	NA	NA	NA	NA	NA
chr12	89914886	89914886	A	T	UTR3	1LNT4,POC1B-GALN	NA	NA	NA	rs10745507	NA
chr12	96361580	96361580	G	T	exonic	AMDHD1	stopgain SNV	AMDHD1:NM_152435:exon9:c.G1240T:p.E414X	NA	NA	NA
chr12	1.01E+08	1.01E+08	-	T	UTR3	SLC17A8	NA	NA	NA	NA	NA
chr12	1.07E+08	1.07E+08	T	-	UTR3	CKAP4	NA	NA	NA	rs71442016	NA
chr12	1.09E+08	1.09E+08	C	G	exonic	TMEM119	synonymous SNV	TMEM119:NM_181724:exon2:c.G180C:p.P60P	NA	NA	NA
chr12	1.09E+08	1.09E+08	T	G	exonic	TMEM119	synonymous SNV	TMEM119:NM_181724:exon2:c.A168C:p.P56P	NA	NA	NA
chr12	1.09E+08	1.09E+08	C	G	exonic	TMEM119	synonymous SNV	TMEM119:NM_181724:exon2:c.G165C:p.P55P	NA	NA	NA

chr12	1.14E+08	1.14E+08	T	G	exonic	TPCN1	nonsynonymous SNV	exon18:c.T1463G:p.V488G,TPCN1:NM_001143819:exon1	NA	NA	P
chr12	1.17E+08	1.17E+08	T	A	ncRNA_exonic	LINC00173	NA	NA	NA	NA	NA
chr12	1.18E+08	1.18E+08	TGCTCTGC	-	UTR3	KSR2	NA	NA	NA	NA	NA
chr12	1.2E+08	1.2E+08	G	A	UTR3	CIT	NA	NA	NA	rs139790082	NA
chr12	1.21E+08	1.21E+08	G	A	UTR3	MSI1	NA	NA	NA	NA	NA
chr12	1.21E+08	1.21E+08	C	T	UTR3	MSI1	NA	NA	NA	NA	NA
chr12	1.29E+08	1.29E+08	G	A	intronic	SLC15A4	NA	NA	NA	rs200176633	NA
chr12	1.33E+08	1.33E+08	C	A	exonic	ANKLE2	nonsynonymous SNV	ANKLE2:NM_015114:exon13:c.G2619T:p.W873C	NA	NA	D
chr12	1.34E+08	1.34E+08	A	C	UTR3	ZNF268	NA	NA	NA	NA	NA
chr12	1.34E+08	1.34E+08	A	C	UTR3	ZNF268	NA	NA	NA	NA	NA
chr13	19428581	19428581	T	-	ncRNA_exonic	ANKRD20A9P	NA	NA	NA	NA	NA
chr13	19436148	19436148	C	G	ncRNA_exonic	ANKRD20A9P	NA	NA	NA	rs112815656	NA
chr13	19436179	19436179	A	G	ncRNA_exonic	ANKRD20A9P	NA	NA	NA	rs112011321	NA
chr13	25875755	25875755	A	C	UTR5	NUPL1	NA	NA	NA	NA	NA
chr13	28867509	28867509	C	T	UTR3	PAN3	NA	NA	NA	NA	NA
chr13	28874659	28874664	CACACA	-	UTR3	FLT1	NA	NA	NA	rs147176157	NA
chr13	30780063	30780100	ITGTGTGTG	-	UTR3	KATNAL1	NA	NA	NA	NA	NA
chr13	49852512	49852512	G	T	exonic	CDADC1	nonsynonymous SNV	478:exon7:c.G1077T:p.M359I,CDADC1:NM_030911:exor	NA	NA	D
chr13	58209060	58209060	T	C	exonic	PCDH17	nonsynonymous SNV	PCDH17:NM_001040429:exon1:c.T2380C:p.S794P	NA	NA	D
chr13	66878392	66878392	C	A	UTR3	PCDH9	NA	NA	NA	rs200806980	NA
chr13	75861158	75861158	C	A	exonic	TBC1D4	nonsynonymous SNV	TBC1D4:NM_014832:exon21:c.G3667T:p.A1223S	NA	NA	B
chr13	84455886	84455886	G	A	UTR5	SLITRK1	NA	NA	NA	rs202038566	NA
chr13	96485306	96485306	C	A	exonic	UGGT2	nonsynonymous SNV	UGGT2:NM_020121:exon38:c.G4403T:p.C1468F	NA	NA	D
chr13	1.01E+08	1.01E+08	-	T	UTR3	ZIC2	NA	NA	NA	rs34544768	NA
chr13	1.04E+08	1.04E+08	-	T	ncRNA_exonic	METTL21EP	NA	NA	NA	rs34557658	NA
chr13	1.07E+08	1.07E+08	A	-	UTR3	ARGLU1	NA	NA	NA	NA	NA
chr13	1.09E+08	1.09E+08	GA	-	UTR5	FAM155A	NA	NA	NA	rs35939139	NA
chr13	1.14E+08	1.14E+08	C	A	exonic	F10	nonsynonymous SNV	F10:NM_000504:exon1:c.C7A:p.R3S	NA	NA	P
chr14	22102293	22102293	C	T	exonic	OR10G2	nonsynonymous SNV	OR10G2:NM_001005466:exon1:c.G706A:p.A236T	NA	rs41307110	B
chr14	23518270	23518270	C	A	exonic	CDH24	synonymous SNV	35:exon11:c.G1812T:p.L604L,CDH24:NM_022478:exon12:	NA	NA	NA
chr14	45397887	45397887	T	-	UTR3	KLHL28	NA	NA	NA	NA	NA
chr14	47310822	47310822	T	C	UTR3	MDGA2	NA	NA	NA	NA	NA
chr14	50712980	50712980	A	G	UTR3	L2HGDH	NA	NA	NA	rs74541550	NA
chr14	55494090	55494090	G	A	UTR5	SOCS4	NA	NA	NA	rs77678033	NA
chr14	55494091	55494091	G	A	UTR5	SOCS4	NA	NA	NA	rs77911976	NA
chr14	57114800	57114800	A	-	UTR3	TMEM260	NA	NA	NA	NA	NA
chr14	59835968	59835968	C	A	UTR3	DAAM1	NA	NA	NA	rs74057123	NA
chr14	59954397	59954397	C	A	exonic	JKAMP	stopgain SNV	098625:exon3:c.C84A:p.C28X,JKAMP:NM_016475:exon3:	NA	NA	NA
chr14	60759368	60759368	T	-	UTR3	PPM1A	NA	NA	NA	NA	NA
chr14	61112736	61112737	TT	-	UTR3	SIX1	NA	NA	NA	NA	NA
chr14	65215655	65215655	T	-	UTR3	SPTB	NA	NA	NA	rs140208257	NA
chr14	67852376	67852376	T	-	UTR3	EIF2S1	NA	NA	NA	rs71727390	NA
chr14	73137344	73137345	TC	-	UTR3	DPF3	NA	NA	NA	NA	NA
chr14	77599159	77599159	-	TCTCACAC/	UTR3	ZDHC22	NA	NA	NA	NA	NA
chr14	78045446	78045446	C	A	exonic	SPTLC2	nonsynonymous SNV	SPTLC2:NM_004863:exon3:c.G334T:p.V112L	NA	NA	B
chr14	89627942	89627942	C	T	UTR3	FOXP3	NA	NA	NA	rs7156172	NA
chr14	89627946	89627946	C	T	UTR3	FOXP3	NA	NA	NA	NA	NA
chr14	92527592	92527592	A	-	UTR3	ATXN3	NA	NA	NA	rs201936460	NA
chr14	95655320	95655320	A	-	UTR3	CLMN	NA	NA	NA	NA	NA
chr14	1.03E+08	1.03E+08	A	C	UTR3	RCOR1	NA	NA	NA	NA	NA
chr14	1.03E+08	1.03E+08	A	C	UTR3	RCOR1	NA	NA	NA	NA	NA
chr14	1.03E+08	1.03E+08	T	C	UTR3	RCOR1	NA	NA	NA	NA	NA
chr14	1.05E+08	1.05E+08	T	C	exonic	AHNAK2	synonymous SNV	AHNAK2:NM_138420:exon7:c.A9513G:p.P3171P	NA	rs2819427	NA
chr14	1.05E+08	1.05E+08	A	G	exonic	AHNAK2	nonsynonymous SNV	AHNAK2:NM_138420:exon7:c.T6326C:p.V2109A	NA	rs201948776	NA
chr14	1.05E+08	1.05E+08	T	C	exonic	AHNAK2	nonsynonymous SNV	AHNAK2:NM_138420:exon7:c.A6145G:p.T2049A	NA	rs201406401	NA
chr14	1.06E+08	1.06E+08	C	T	ncRNA_exonic	KIAA0125	NA	NA	NA	rs11850004	NA
chr15	21071781	21071781	A	G	UTR5	POTEB	NA	NA	NA	NA	NA
chr15	21940266	21940266	-	A	ncRNA_exonic	LOC646214	NA	NA	NA	NA	NA
chr15	22742718	22742718	T	A	exonic	GOLGA6L1	nonsynonymous SNV	GOLGA6L1:NM_001001413:exon8:c.T1103A:p.L368Q ID=COSM230296;OCCURENCE=1(NS),2(endometrium)	NA	rs7171381	NA
chr15	23377464	23377464	T	C	ncRNA_exonic	HERC2P2	NA	NA	NA	rs2920545	NA
chr15	28518112	28518112	C	A	exonic	HERC2	nonsynonymous SNV	HERC2:NM_004667:exon8:c.G839T:p.S280I	NA	rs200859595	B
chr15	31664441	31664441	T	C	exonic	KLF13	nonsynonymous SNV	KLF13:NM_015995:exon2:c.T806C:p.L269P	NA	NA	NA

chr15	40655873	40655873	G	C	exonic	DISP2	nonsynonymous SNV	DISP2:NM_033510:exon2:c.G167C:p.C56S	NA	rs1898882	D
chr15	41871513	41871513	T	A	UTR3	TYRO3	NA	NA	NA	NA	NA
chr15	43652835	43652835	A	-	UTR3	ZSCAN29	NA	NA	NA	rs67982601	NA
chr15	48065010	48065010	A	C	UTR3	SEMA6D	NA	NA	NA	rs56345741	NA
chr15	50643858	50643865	GAGGGAGC	-	ncRNA_exonic	FLJ10038	NA	NA	NA	rs146731069	NA
chr15	52413807	52413807	-	T	UTR3	GNB5	NA	NA	NA	NA	NA
chr15	55904895	55904895	A	T	UTR3	PRTG	NA	NA	NA	NA	NA
chr15	57840202	57840202	T	-	UTR3	CGNL1	NA	NA	NA	NA	NA
chr15	68594394	68594423	iTGTGTGTG	-	UTR3	ITGA11	NA	NA	NA	NA	NA
chr15	70341342	70341342	A	-	UTR3	TLE3	NA	NA	NA	NA	NA
chr15	70341854	70341854	A	-	UTR3	TLE3	NA	NA	NA	rs11324999	NA
chr15	72452675	72452677	AAA	-	UTR3	GRAMD2	NA	NA	NA	NA	NA
chr15	72958366	72958366	T	G	exonic	GOLGA6B	nonsynonymous SNV	GOLGA6B:NM_018652:exon17:c.T1851G:p.H617Q	NA	rs200655139	NA
chr15	82634574	82634574	C	T	UTR3	GOLGA6L10	NA	NA	NA	rs28482898	NA
chr15	82634594	82634594	A	G	UTR3	GOLGA6L10	NA	NA	NA	rs4039143	NA
chr15	82637315	82637315	C	T	exonic	GOLGA6L10	synonymous SNV	GOLGA6L10:NM_001164465:exon6:c.G771A:p.L257L	NA	rs200605893	NA
chr15	82637377	82637377	G	A	exonic	GOLGA6L10	nonsynonymous SNV	GOLGA6L10:NM_001164465:exon6:c.C709T:p.R237C	NA	rs200328108	NA
chr15	82637378	82637378	T	C	exonic	GOLGA6L10	synonymous SNV	GOLGA6L10:NM_001164465:exon6:c.A708G:p.L236L	NA	NA	NA
chr15	82637419	82637419	A	G	exonic	GOLGA6L10	nonsynonymous SNV	GOLGA6L10:NM_001164465:exon6:c.T667C:p.C223R	NA	NA	NA
chr15	82637420	82637420	C	T	exonic	GOLGA6L10	synonymous SNV	GOLGA6L10:NM_001164465:exon6:c.G666A:p.L222L	NA	NA	NA
chr15	83013917	83013917	C	T	intergenic	ist=27490),UBE2Q2	NA	NA	NA	NA	NA
chr15	83502439	83502439	T	-	UTR3	WHAMM	NA	NA	NA	NA	NA
chr15	85053033	85053033	C	T	ncRNA_exonic	GOLGA6L5	NA	NA	NA	NA	NA
chr15	85185301	85185301	G	A	ncRNA_exonic	SCAND2P	NA	NA	NA	rs147659526	NA
chr15	89398883	89398883	A	T	exonic	ACAN	nonsynonymous SNV	:exon12:c.A3067T:p.T1023S,ACAN:NM_013227:exon12:c	NA	NA	NA
chr15	90349667	90349667	T	G	exonic	ANPEP	nonsynonymous SNV	ANPEP:NM_001150:exon2:c.A148C:p.T50P	NA	NA	B
chr15	91425783	91425783	T	C	UTR3	FURIN	NA	NA	NA	NA	NA
chr15	92690366	92690366	A	C	exonic	SLCO3A1	synonymous SNV	5044:exon8:c.A1665C:p.T555T,SLCO3A1:NM_013272:exo	NA	NA	NA
chr15	96881005	96881005	A	-	UTR3	NR2F2	NA	NA	NA	rs34678417	NA
chr15	98981194	98981196	GAT	-	UTR3	FAM169B	NA	NA	NA	NA	NA
chr15	98981251	98981253	GAT	-	UTR3	FAM169B	NA	NA	NA	NA	NA
chr15	98981261	98981263	GGA	-	UTR3	FAM169B	NA	NA	NA	NA	NA
chr15	98981290	98981290	T	-	UTR3	FAM169B	NA	NA	NA	NA	NA
chr15	1E+08	1E+08	CAGCAG	-	exonic	MEF2A	nonframeshift deletion	1EF2A:NM_001130927:exon10:c.1048_1053del:p.350_35	NA	NA	NA
chr16	449109	449109	A	G	exonic	NME4	nonsynonymous SNV	NME4:NM_005009:exon2:c.A211G:p.M71V	NA	NA	D
chr16	822742	822742	T	G	intergenic	st=2465),RPU5D1(d	NA	NA	NA	NA	NA
chr16	848213	848213	T	G	UTR3	GNG13	NA	NA	NA	NA	NA
chr16	1036733	1036733	C	T	UTR3	SOX8	NA	NA	NA	NA	NA
chr16	1258193	1258193	A	C	exonic	CACNA1H	nonsynonymous SNV	17:exon16:c.A3335C:p.D1112A,CACNA1H:NM_021098:exc	NA	rs202114960	NA
chr16	1291608	1291608	A	G	exonic	TPSAB1	nonsynonymous SNV	TPSAB1:NM_003294:exon4:c.A407G:p.H136R	NA	rs1064780	B
chr16	1306802	1306802	A	G	exonic	TPSD1	nonsynonymous SNV	TPSD1:NM_012217:exon3:c.A259G:p.I87V	NA	rs2401930	B
chr16	1306817	1306817	G	A	exonic	TPSD1	nonsynonymous SNV	TPSD1:NM_012217:exon3:c.G274A:p.A92T	ID=COSM226769;OCCURENCE=1(skin)	rs1141968	B
chr16	1414996	1414996	T	-	UTR3	UNKL	NA	NA	NA	rs112378427	NA
chr16	1591962	1591962	G	A	exonic	TMEM204	synonymous SNV	0:exon2:c.G321A:p.T107T,TMEM204:NM_001256541:ex	NA	rs2076443	NA
chr16	1878295	1878295	G	A	UTR3	FAHD1	NA	NA	NA	NA	NA
chr16	2052345	2052345	T	G	exonic	ZNF598	nonsynonymous SNV	ZNF598:NM_178167:exon7:c.A757C:p.T253P	NA	NA	NA
chr16	2121850	2121850	-	C	exonic	TSC2	frameshift insertion	5C2:NM_001077183:exon19:c.2012_2013insC:p.G671fs,T	NA	NA	NA
chr16	3077670	3077670	A	C	UTR3	THOC6	NA	NA	NA	NA	NA
chr16	3703880	3703880	C	T	UTR5	DNASE1	NA	NA	NA	rs77563984	NA
chr16	3703881	3703881	C	G	UTR5	DNASE1	NA	NA	NA	rs79356805	NA
chr16	15818992	15818992	A	-	UTR3	NDE1	NA	NA	NA	NA	NA
chr16	16367669	16367669	T	A	exonic	NOMO3	nonsynonymous SNV	NOMO3:NM_001004067:exon19:c.T2178A:p.N726K	NA	rs370986	B
chr16	19131760	19131760	T	-	UTR3	ITPRIPL2	NA	NA	NA	rs112434410	NA
chr16	19513697	19513702	TTTTTT	-	UTR3	GDE1	NA	NA	NA	NA	NA
chr16	19563849	19563851	AAA	-	UTR3	CCP110	NA	NA	NA	NA	NA
chr16	22546469	22546469	A	C	exonic	LOC100132247	nonsynonymous SNV	LOC100132247:NM_001135865:exon7:c.A2165C:p.H722F	NA	NA	NA
chr16	23073703	23073703	A	T	UTR3	USP31	NA	NA	NA	rs8063453	NA
chr16	23076644	23076644	A	-	UTR3	USP31	NA	NA	NA	NA	NA
chr16	27080038	27080038	T	-	UTR3	C16orf82	NA	NA	NA	NA	NA
chr16	29821984	29821984	T	-	UTR3	MAZ	NA	NA	NA	rs71650270	NA
chr16	29910394	29910394	A	C	UTR5	SEZ6L2	NA	NA	NA	NA	NA
chr16	55798759	55798759	T	C	ncRNA_exonic	CES1P1	NA	NA	NA	rs71374087	NA

chr16	55798778	55798778	A	G	ncRNA_exonic	CES1P1	NA	NA	NA	rs76167618	NA
chr16	55798783	55798783	A	G	ncRNA_exonic	CES1P1	NA	NA	NA	rs75712934	NA
chr16	56691861	56691861	T	C	UTR5	MT1F	NA	NA	NA	NA	NA
chr16	66544113	66544113	-	A	UTR3	TK2	NA	NA	NA	NA	NA
chr16	67905065	67905065	C	T	UTR3	NUTF2	NA	NA	NA	NA	NA
chr16	68678505	68678505	G	T	UTR5	CDH3	NA	NA	NA	NA	NA
chr16	69151479	69151479	-	T	UTR3	HAS3	NA	NA	NA	NA	NA
chr16	69339663	69339663	T	-	UTR3	SNTB2	NA	NA	NA	NA	NA
chr16	70010369	70010369	C	G	ncRNA_exonic	PDXDC2P	NA	NA	NA	rs187431035	NA
chr16	85125545	85125549	TTTTT	-	UTR3	KIAA0513	NA	NA	NA	NA	NA
chr16	85695241	85695241	G	A	exonic	GSE1	synonymous SNV	4473:exon8:c.G1818A:p.S606S,GSE1:NM_014615:exon9:c	NA	NA	NA
chr16	85695242	85695242	C	G	exonic	GSE1	nonsynonymous SNV	1473:exon8:c.C1819G:p.P607A,GSE1:NM_014615:exon9:c	NA	NA	D
chr16	85695243	85695243	C	G	exonic	GSE1	nonsynonymous SNV	1473:exon8:c.C1820G:p.P607R,GSE1:NM_014615:exon9:c	NA	NA	D
chr16	85695244	85695244	C	A	exonic	GSE1	synonymous SNV	4473:exon8:c.C1821A:p.P607P,GSE1:NM_014615:exon9:c	NA	NA	NA
chr16	88506287	88506287	-	TCTGACCA	UTR3	ZNF469	NA	NA	NA	rs3838248	NA
chr16	89346906	89346906	T	G	exonic	ANKRD11	nonsynonymous SNV	55,ANKRD11:NM_013275:exon9:c.A6044C:p.Y2015S,ANK	NA	NA	D
chr17	263576	263576	T	C	exonic	C17orf97	synonymous SNV	C17orf97:NM_001013672:exon2:c.T942C:p.G314G	NA	rs111445631	NA
chr17	1657980	1657980	G	-	UTR3	SERPINF2	NA	NA	NA	rs67887323	NA
chr17	1683882	1683882	C	A	UTR3	SMYD4	NA	NA	NA	NA	NA
chr17	2938272	2938272	T	-	UTR3	RAP1GAP2	NA	NA	NA	rs71830536	NA
chr17	7190439	7190439	T	C	UTR3	SLC2A4	NA	NA	NA	NA	NA
chr17	7215429	7215429	T	-	UTR3	EIF5A	NA	NA	NA	NA	NA
chr17	8294348	8294348	T	-	UTR3	RNF222	NA	NA	NA	NA	NA
chr17	11513845	11513845	G	T	exonic	DNAH9	nonsynonymous SNV	DNAH9:NM_001372:exon3:c.G747T:p.K249N	NA	NA	B
chr17	15621245	15621245	-	T	UTR3	ZNF286A	NA	NA	NA	NA	NA
chr17	20407483	20407483	T	C	ncRNA_exonic	KRT16P3	NA	NA	NA	NA	NA
chr17	20767707	20767707	C	T	UTR3	CCDC144NL	NA	NA	NA	NA	NA
chr17	21203941	21203941	G	A	exonic	MAP2K3	nonsynonymous SNV	2756:exon4:c.G163A:p.A55T,MAP2K3:NM_145109:exon4	NA	rs2305873	B
chr17	21207844	21207844	C	T	exonic	MAP2K3	synonymous SNV	756:exon8:c.C588T:p.A196A,MAP2K3:NM_145109:exon8	NA	rs2230436	NA
chr17	21320854	21320854	A	-	UTR3	KCNJ12	NA	NA	NA	rs67230821	NA
chr17	21911267	21911268	TG	-	ncRNA_exonic	FLJ36000	NA	NA	NA	NA	NA
chr17	31618865	31618865	A	C	exonic	ASIC2	nonsynonymous SNV	ASIC2:NM_183377:exon1:c.T269G:p.V90G	NA	NA	NA
chr17	33765127	33765127	A	-	UTR3	SLFN13	NA	NA	NA	rs11337992	NA
chr17	34493108	34493108	T	G	UTR3	TBC1D3B	NA	NA	NA	NA	NA
chr17	36883387	36883387	T	-	UTR3	MLLT6	NA	NA	NA	NA	NA
chr17	37221649	37221650	TT	-	ncRNA_UTR3	PLXDC1	NA	NA	NA	rs149203975	NA
chr17	39254143	39254143	C	T	exonic	KRTAP4-8	nonsynonymous SNV	KRTAP4-8:NM_031960:exon1:c.G194A:p.C65Y	NA	NA	NA
chr17	39340786	39340786	A	G	exonic	KRTAP4-1	synonymous SNV	KRTAP4-1:NM_033060:exon2:c.T264C:p.C88C	NA	rs2320228	NA
chr17	39675023	39675023	T	C	exonic	KRT15	synonymous SNV	KRT15:NM_002275:exon1:c.A57G:p.R19R	NA	NA	NA
chr17	40465420	40465420	G	-	UTR3	STAT3	NA	NA	NA	NA	NA
chr17	41144609	41144609	G	A	UTR3	RUNDC1	NA	NA	NA	rs201072724	NA
chr17	41196822	41196823	TT	-	UTR3	BRCA1	NA	NA	NA	NA	NA
chr17	42248239	42248239	C	A	exonic	ASB16	synonymous SNV	ASB16:NM_080863:exon1:c.C82A:p.R28R	NA	rs144229400	NA
chr17	42266708	42266708	A	G	exonic	TMUB2	synonymous SNV	88,TMUB2:NM_177441:exon2:c.A294G:p.G98G,TMUB2:	NA	NA	NA
chr17	42851738	42851738	T	G	exonic	ADAM11	synonymous SNV	ADAM11:NM_002390:exon12:c.T1068G:p.G356G	NA	NA	NA
chr17	43101699	43101708	TGTGTGTG	-	UTR3	DKAKD	NA	NA	NA	NA	NA
chr17	45214564	45214564	A	T	exonic	CDC27	nonsynonymous SNV	091:exon14:c.T1885A:p.C629S,CDC27:NM_001256:exon1D=COSM1179254,COSM1179255;OCCURENCE=1(prostate	rs201184967	NA	NA
chr17	45214606	45214606	G	T	exonic	CDC27	nonsynonymous SNV	91:exon14:c.C1843A:p.H615N,CDC27:NM_001256:exon1	NA	rs79260965	NA
chr17	45214636	45214636	T	C	exonic	CDC27	nonsynonymous SNV	91:exon14:c.A1813G:p.N605D,CDC27:NM_001256:exon1	NA	rs200200993	NA
chr17	47132506	47132506	A	T	UTR3	IGF2BP1	NA	NA	NA	NA	NA
chr17	47373330	47373330	G	A	UTR3	ZNF652	NA	NA	NA	NA	NA
chr17	47373333	47373333	C	A	UTR3	ZNF652	NA	NA	NA	NA	NA
chr17	48771502	48771502	G	A	UTR3	ANKRD40	NA	NA	NA	rs11079923	NA
chr17	48771507	48771507	G	A	UTR3	ANKRD40	NA	NA	NA	rs199897066	NA
chr17	54965932	54965932	A	G	UTR3	TRIM25	NA	NA	NA	rs7615	NA
chr17	55184422	55184422	A	C	exonic	AKAP1	nonsynonymous SNV	1P,AKAP1:NM_001242902:exon3:c.A1597C:p.T533P,AKAP	NA	rs202031778	P
chr17	58524282	58524282	A	-	UTR3	APPBP2	NA	NA	NA	NA	NA
chr17	60021734	60021734	T	-	UTR3	MED13	NA	NA	NA	NA	NA
chr17	61574642	61574642	G	A	exonic	ACE	nonsynonymous SNV	.R664Q,ACE:NM_152830:exon14:c.G2114A:p.R705Q,ACE:	NA	rs200754517	D
chr17	62541835	62541835	A	-	UTR3	SMURF2	NA	NA	NA	NA	NA
chr17	73498845	73498845	T	G	exonic	CASKIN2	synonymous SNV	543:exon17:c.A2064C:p.P688P,CASKIN2:NM_020753:exon	NA	NA	NA
chr17	75090386	75090386	T	C	ncRNA_exonic	LINC00338	NA	NA	NA	NA	NA

chr17	75090396	75090396	G	A	ncRNA_exonic	LINC00338	NA	NA	NA	NA	NA
chr17	76083017	76083017	A	C	exonic	TNRC6C	synonymous SNV	40:exon14:c.A3636C:p.P1212P,TNRC6C:NM_018996:exon	NA	NA	NA
chr17	76102335	76102335	A	-	UTR3	TNRC6C	NA	NA	NA	rs58424290	NA
chr17	76798445	76798445	C	A	exonic	USP36	nonsynonymous SNV	USP36:NM_025090:exon17:c.G2983T:p.A995S	NA	rs145562419	B
chr17	77807715	77807715	G	T	UTR3	CBX4	NA	NA	NA	NA	NA
chr17	78326270	78326270	A	G	ncRNA_exonic	LOC100294362	NA	NA	NA	NA	NA
chr17	79517455	79517455	A	C	exonic	C17orf70	synonymous SNV	C17orf70:NM_025161:exon3:c.T1065G:p.G355G	ID=COSM309626;OCCURENCE=1(lung)	rs202147413	NA
chr17	79615572	79615572	A	G	UTR3	TSPAN10	NA	NA	NA	rs7405453	NA
chr18	3412167	3412167	C	T	UTR5	TGIF1	NA	NA	NA	rs11571505	NA
chr18	9861101	9861101	A	-	UTR3	RAB31	NA	NA	NA	NA	NA
chr18	9887252	9887252	C	A	exonic	TXNDC2	nonsynonymous SNV	38529:exon2:c.C776A:p.A259E,TXNDC2:NM_032243:exon	NA	NA	NA
chr18	31322986	31322986	G	A	exonic	ASXL3	synonymous SNV	ASXL3:NM_030632:exon12:c.G3174A:p.K1058K	NA	NA	NA
chr18	42644796	42644796	C	A	UTR3	SETBP1	NA	NA	NA	NA	NA
chr18	45363933	45363933	A	-	UTR3	SMAD2	NA	NA	NA	NA	NA
chr18	47350146	47350146	T	C	UTR3	MYO5B	NA	NA	NA	NA	NA
chr18	47350148	47350148	A	G	UTR3	MYO5B	NA	NA	NA	NA	NA
chr18	48610376	48610376	G	A	UTR3	SMAD4	NA	NA	NA	NA	NA
chr18	55215503	55215503	C	A	UTR3	FECH	NA	NA	NA	NA	NA
chr18	61265349	61265349	T	-	UTR3	SERPINB13	NA	NA	NA	rs57085048	NA
chr18	61325815	61325815	A	G	exonic	SERPINB3	nonsynonymous SNV	SERPINB3:NM_006919:exon5:c.T401C:p.V134A	NA	rs148254791	B
chr18	61325816	61325816	C	T	exonic	SERPINB3	nonsynonymous SNV	SERPINB3:NM_006919:exon5:c.G400A:p.V134I	NA	rs61754491	B
chr18	64171913	64171913	A	T	UTR3	CDH19	NA	NA	NA	NA	NA
chr18	72593013	72593013	A	C	exonic	ZNF407	nonsynonymous SNV	.89:exon5:c.A5066C:p.D1689A,ZNF407:NM_017757:exon	NA	NA	NA
chr19	199295	199295	G	A	ncRNA_exonic	FLJ45445	NA	NA	NA	NA	NA
chr19	199442	199442	G	T	ncRNA_exonic	FLJ45445	NA	NA	NA	rs57399907	NA
chr19	624882	624882	T	C	exonic	POLRMT	nonsynonymous SNV	POLRMT:NM_005035:exon5:c.A977G:p.E326G	NA	NA	P
chr19	1095352	1095352	C	G	UTR5	POLR2E	NA	NA	NA	rs17554924	NA
chr19	1095355	1095355	C	T	UTR5	POLR2E	NA	NA	NA	rs17554917	NA
chr19	1472591	1472591	T	C	UTR3	APC2	NA	NA	NA	NA	NA
chr19	1472601	1472601	A	C	UTR3	APC2	NA	NA	NA	NA	NA
chr19	1597572	1597572	G	T	UTR3	UQCR11	NA	NA	NA	NA	NA
chr19	1925930	1925930	G	C	UTR3	SCAMP4	NA	NA	NA	NA	NA
chr19	4045624	4045624	C	G	UTR3	ZBTB7A	NA	NA	NA	NA	NA
chr19	4511737	4511737	T	C	exonic	PLIN4	synonymous SNV	PLIN4:NM_001080400:exon3:c.A2193G:p.K731K	NA	rs57610751	NA
chr19	4512676	4512676	T	G	exonic	PLIN4	synonymous SNV	PLIN4:NM_001080400:exon3:c.A1254C:p.T418T	NA	rs59593546	NA
chr19	4513044	4513044	C	T	exonic	PLIN4	nonsynonymous SNV	PLIN4:NM_001080400:exon3:c.G886A:p.G296S	NA	rs56366613	NA
chr19	4523091	4523091	T	-	UTR3	PLIN5	NA	NA	NA	rs71168910	NA
chr19	5915980	5915980	T	G	UTR3	CAPS	NA	NA	NA	NA	NA
chr19	7965897	7965897	C	G	UTR3	LRRC8E	NA	NA	NA	NA	NA
chr19	9761701	9761701	C	T	UTR3	ZNF562	NA	NA	NA	NA	NA
chr19	10579172	10579172	G	C	UTR3	PDE4A	NA	NA	NA	NA	NA
chr19	10579177	10579177	A	C	UTR3	PDE4A	NA	NA	NA	NA	NA
chr19	11558341	11558346	GAGGAG	-	exonic	PRKCSH	nonframeshift deletion	11:c.937_942del:p.313_314del,PRKCSH:NM_002743:exon	NA	NA	NA
chr19	11562297	11562297	C	T	UTR3	ELAVL3	NA	NA	NA	NA	NA
chr19	11563263	11563263	G	A	UTR3	ELAVL3	NA	NA	NA	NA	NA
chr19	13317726	13317726	A	T	UTR3	CACNA1A	NA	NA	NA	NA	NA
chr19	13317759	13317767	TTTTTTTTT	-	UTR3	CACNA1A	NA	NA	NA	NA	NA
chr19	17001071	17001071	C	A	exonic	F2RL3	nonsynonymous SNV	F2RL3:NM_003950:exon2:c.C797A:p.A266D	NA	NA	D
chr19	17038890	17038890	C	A	exonic	CPAMD8	nonsynonymous SNV	CPAMD8:NM_015692:exon25:c.G3440T:p.S1147I	NA	NA	NA
chr19	17714607	17714607	T	-	UTR3	UNC13A	NA	NA	NA	NA	NA
chr19	18260796	18260796	T	-	UTR3	MAST3	NA	NA	NA	rs61501122	NA
chr19	18703077	18703077	T	C	UTR3	C19orf60	NA	NA	NA	rs3170474	NA
chr19	20803652	20803652	-	T	UTR3	ZNF626	NA	NA	NA	rs139108386	NA
chr19	20806673	20806673	C	T	UTR3	ZNF626	NA	NA	NA	NA	NA
chr19	22363817	22363817	A	G	exonic	ZNF676	synonymous SNV	ZNF676:NM_001001411:exon3:c.T702C:p.F234F	NA	NA	NA
chr19	35850711	35850711	A	G	exonic	FFAR3	nonsynonymous SNV	FFAR3:NM_005304:exon2:c.A919G:p.M307V	NA	rs12459836	B
chr19	36114999	36114999	C	T	UTR3	HAUS5	NA	NA	NA	NA	NA
chr19	36135645	36135645	T	A	exonic	ETV2	nonsynonymous SNV	ETV2:NM_014209:exon7:c.T920A:p.I307N	NA	NA	NA
chr19	36135646	36135646	C	G	exonic	ETV2	nonsynonymous SNV	ETV2:NM_014209:exon7:c.C921G:p.I307M	NA	NA	NA
chr19	36135647	36135647	G	A	exonic	ETV2	nonsynonymous SNV	ETV2:NM_014209:exon7:c.G922A:p.V308M	NA	NA	NA
chr19	36135649	36135649	G	C	exonic	ETV2	synonymous SNV	ETV2:NM_014209:exon7:c.G924C:p.V308V	NA	NA	NA
chr19	36135650	36135650	C	G	exonic	ETV2	nonsynonymous SNV	ETV2:NM_014209:exon7:c.C925G:p.R309G	NA	NA	NA

chr19	37759367	37759367	C	A	ncRNA_exonic	LOC284412	NA	NA	NA	rs201738321	NA
chr19	38032097	38032097	-	A	UTR3	ZNF793	NA	NA	NA	NA	NA
chr19	38795905	38795905	C	A	UTR3	YIF1B	NA	NA	NA	NA	NA
chr19	40021823	40021823	-	T	UTR3	EID2B	NA	NA	NA	NA	NA
chr19	41515263	41515263	A	G	exonic	CYP2B6	nonsynonymous SNV	CYP2B6:NM_000767:exon5:c.A785G:p.K262R	NA	rs2279343	B
chr19	41811707	41811707	T	C	exonic	HNRNPUL1	nonsynonymous SNV	0:exon14:c.T2389C:p.Y797H,HNRNPUL1:NM_144732:exo	NA	NA	NA
chr19	42799307	42799307	A	C	exonic	CIC	nonsynonymous SNV	CIC:NM_015125:exon20:c.A4791C:p.P1597P	NA	NA	NA
chr19	43376101	43376101	G	T	exonic	PSG1	nonsynonymous SNV	.A176E,PSG1:NM_001184826:exon3:c.C527A:p.A176E,PS	NA	NA	NA
chr19	44117603	44117603	T	A	exonic	SRRM5	nonsynonymous SNV	SRRM5:NM_001145641:exon1:c.T1330A:p.Y444N	ID=COSM474846;OCCURENCE=1(kidney),5(endometrium)	rs201848853	NA
chr19	45262965	45262965	C	-	UTR3	BCL3	NA	NA	NA	NA	NA
chr19	45323171	45323187	CCCAACTCA	-	UTR3	BCAM	NA	NA	NA	rs3842409	NA
chr19	46052048	46052048	-	TTATTTAT	UTR3	OPA3	NA	NA	NA	NA	NA
chr19	46273463	46273507	AGCAGCAC	-	UTR3	DMPK	NA	NA	NA	NA	NA
chr19	46442771	46442771	G	A	UTR3	NOVA2	NA	NA	NA	NA	NA
chr19	47278314	47278319	ACACAC	-	UTR3	SLC1A5	NA	NA	NA	NA	NA
chr19	48984071	48984071	C	G	UTR3	CYTH2	NA	NA	NA	NA	NA
chr19	54378026	54378027	TT	-	UTR3	MYADM	NA	NA	NA	NA	NA
chr19	54378031	54378031	T	C	UTR3	MYADM	NA	NA	NA	NA	NA
chr19	54725798	54725798	G	T	exonic	LILRB3	nonsynonymous SNV	31450:exon4:c.C560A:p.T187N,LILRB3:NM_006864:exon4	ID=COSM1158374;OCCURENCE=1(pancreas)	rs1052968	B
chr19	54725835	54725835	G	C	exonic	LILRB3	nonsynonymous SNV	11450:exon4:c.C523G:p.R175G,LILRB3:NM_006864:exon4	NA	rs201948566	B
chr19	54742303	54742303	C	T	UTR3	LILRA6	NA	NA	NA	rs71365449	NA
chr19	54818552	54818552	G	-	UTR3	LILRA5	NA	NA	NA	NA	NA
chr19	54818578	54818578	G	A	UTR3	LILRA5	NA	NA	NA	NA	NA
chr19	55286864	55286864	A	C	exonic	KIR2DL1	synonymous SNV	KIR2DL1:NM_014218:exon4:c.A618C:p.P206P	NA	rs201422291	NA
chr19	55607307	55607307	T	G	exonic	PPP1R12C	nonsynonymous SNV	l618:exon9:c.A1155C:p.E385D,PPP1R12C:NM_017607:ex	NA	NA	P
chr20	309179	309179	T	A	UTR3	SOX12	NA	NA	NA	NA	NA
chr20	309180	309180	T	A	UTR3	SOX12	NA	NA	NA	NA	NA
chr20	309181	309181	T	G	UTR3	SOX12	NA	NA	NA	NA	NA
chr20	1895794	1895794	G	A	exonic	SIRPA	synonymous SNV	p.V43V,SIRPA:NM_001040022:exon3:c.G129A:p.V43V,SIR	NA	rs1135192	NA
chr20	16033819	16033822	TTTG	-	UTR3	MACROD2	NA	NA	NA	rs11471411	NA
chr20	17971045	17971045	A	G	UTR3	MGME1	NA	NA	NA	NA	NA
chr20	19982007	19982010	TTTT	-	UTR3	RIN2	NA	NA	NA	NA	NA
chr20	25262727	25262727	A	C	exonic	PYGB	nonsynonymous SNV	PYGB:NM_002862:exon12:c.A1462C:p.T488P	NA	NA	D
chr20	25595952	25595952	A	-	UTR3	NANP	NA	NA	NA	NA	NA
chr20	25753637	25753637	C	G	ncRNA_exonic	FAM182B	NA	NA	NA	rs75733040	NA
chr20	25753646	25753646	G	C	ncRNA_exonic	FAM182B	NA	NA	NA	rs78538493	NA
chr20	25753703	25753703	G	A	ncRNA_exonic	FAM182B	NA	NA	NA	rs76136647	NA
chr20	25753734	25753734	T	G	ncRNA_exonic	FAM182B	NA	NA	NA	rs76753216	NA
chr20	25754060	25754060	C	T	ncRNA_exonic	FAM182B	NA	NA	NA	rs74458126	NA
chr20	25754073	25754073	T	A	ncRNA_exonic	FAM182B	NA	NA	NA	rs73904672	NA
chr20	25754607	25754607	C	A	ncRNA_exonic	FAM182B	NA	NA	NA	rs115482967	NA
chr20	25754620	25754620	A	G	ncRNA_exonic	FAM182B	NA	NA	NA	NA	NA
chr20	25754622	25754622	A	G	ncRNA_exonic	FAM182B	NA	NA	NA	NA	NA
chr20	25754689	25754689	T	C	ncRNA_exonic	FAM182B	NA	NA	NA	rs79458516	NA
chr20	25754756	25754756	G	A	ncRNA_exonic	FAM182B	NA	NA	NA	rs76339741	NA
chr20	25754774	25754774	A	C	ncRNA_exonic	FAM182B	NA	NA	NA	NA	NA
chr20	25754782	25754782	G	T	ncRNA_exonic	FAM182B	NA	NA	NA	NA	NA
chr20	26063630	26063630	C	T	ncRNA_exonic	FAM182A	NA	NA	NA	NA	NA
chr20	26063651	26063651	A	G	ncRNA_exonic	FAM182A	NA	NA	NA	NA	NA
chr20	26063683	26063683	C	T	ncRNA_exonic	FAM182A	NA	NA	NA	rs145735552	NA
chr20	26064144	26064144	T	C	ncRNA_exonic	FAM182A	NA	NA	NA	NA	NA
chr20	26064389	26064389	A	T	ncRNA_exonic	FAM182A	NA	NA	NA	rs200923238	NA
chr20	26064961	26064961	G	C	ncRNA_exonic	FAM182A	NA	NA	NA	NA	NA
chr20	26084261	26084261	A	G	ncRNA_exonic	NCOR1P1	NA	NA	NA	rs61752354	NA
chr20	26084262	26084262	G	A	ncRNA_exonic	NCOR1P1	NA	NA	NA	rs79403010	NA
chr20	29611898	29611898	G	C	ncRNA_exonic	FRG1B	NA	NA	NA	NA	NA
chr20	29611950	29611950	C	T	ncRNA_exonic	FRG1B	NA	NA	NA	NA	NA
chr20	29612047	29612047	-	G	ncRNA_exonic	FRG1B	NA	NA	NA	NA	NA
chr20	29612048	29612048	-	CTTC	ncRNA_exonic	FRG1B	NA	NA	NA	NA	NA
chr20	29612050	29612050	-	CGA	ncRNA_exonic	FRG1B	NA	NA	NA	NA	NA
chr20	29612063	29612063	T	C	ncRNA_exonic	FRG1B	NA	NA	NA	NA	NA
chr20	33098206	33098206	C	T	UTR3	ITCH	NA	NA	NA	NA	NA

chr20	33098244	33098244	G	T	UTR3	ITCH	NA	NA	NA	NA	NA
chr20	42090055	42090055	A	T	UTR3	SRSF6	NA	NA	NA	NA	NA
chr20	42694558	42694558	-	CCG	exonic	TOX2	nonframeshift insertion	1_1042insCCG:p.S347delinsSP,TOX2:NM_001098797:exo	NA	rs199841880	NA
chr20	43955092	43955092	C	A	UTR3	SDC4	NA	NA	NA	NA	NA
chr20	43955096	43955096	C	A	UTR3	SDC4	NA	NA	NA	NA	NA
chr20	48251757	48251757	C	T	UTR3	B4GALT5	NA	NA	NA	NA	NA
chr20	48251758	48251758	A	C	UTR3	B4GALT5	NA	NA	NA	NA	NA
chr20	48251759	48251759	C	G	UTR3	B4GALT5	NA	NA	NA	NA	NA
chr20	49367485	49367485	A	T	UTR3	PAR6B	NA	NA	NA	NA	NA
chr20	49367490	49367490	G	T	UTR3	PAR6B	NA	NA	NA	NA	NA
chr20	49367491	49367491	A	T	UTR3	PAR6B	NA	NA	NA	NA	NA
chr20	52560855	52560856	TT	-	UTR3	BCAS1	NA	NA	NA	rs74631158	NA
chr20	55213716	55213717	TT	-	UTR3	TFAP2C	NA	NA	NA	NA	NA
chr20	60709499	60709499	C	T	UTR3	LSM14B	NA	NA	NA	NA	NA
chr20	60790986	60790986	T	G	UTR3	HRH3	NA	NA	NA	NA	NA
chr20	61145196	61145196	G	A	ncRNA_exonic	C20orf166-AS1	NA	NA	NA	rs12479469	NA
chr20	61732921	61732921	T	C	ncRNA_exonic	HAR1A	NA	NA	NA	rs73147778	NA
chr20	61888686	61888686	A	G	ncRNA_exonic	FLJ16779	NA	NA	NA	NA	NA
chr20	61888896	61888896	A	G	ncRNA_exonic	FLJ16779	NA	NA	NA	rs35166508	NA
chr21	9907222	9907222	T	C	ncRNA_exonic	TEKT4P2	NA	NA	NA	rs1052822	NA
chr21	10942995	10942995	G	A	exonic	TPTE	stopgain SNV	R160X,TPTE:NM_199259:exon11:c.C538T:p.R180X,TPTE:!	ID=COSM376393;OCCURENCE=2(lung)	rs147014138	NA
chr21	27253257	27253257	G	C	UTR3	APP	NA	NA	NA	NA	NA
chr21	28338952	28338952	T	-	UTR5	ADAMT55	NA	NA	NA	NA	NA
chr21	28338953	28338953	G	-	UTR5	ADAMT55	NA	NA	NA	NA	NA
chr21	34809434	34809434	T	-	UTR3	IFNGR2	NA	NA	NA	rs71657077	NA
chr21	43131861	43131861	A	G	ncRNA_exonic	LINC00479	NA	NA	NA	rs9982491	NA
chr21	44838931	44838931	A	G	exonic	SIK1	nonsynonymous SNV	SIK1:NM_173354:exon11:c.T1432C:p.S478P	NA	NA	P
chr21	45564932	45564932	T	-	UTR3	C21orf33	NA	NA	NA	rs66662664	NA
chr21	46684129	46684129	-	CTCA	UTR3	POFUT2	NA	NA	NA	rs140397390	NA
chr21	47603640	47603640	C	G	UTR5	SPATC1L	NA	NA	NA	NA	NA
chr21	47721985	47721985	-	TGG	exonic	C21orf58	nonframeshift insertion	Lorf58:NM_058180:exon8:c.897_898insCCA:p.H299delins	NA	rs71318063	NA
chr22	19492888	19492888	G	A	exonic	CDC45	nonsynonymous SNV	190I,CDC45:NM_003504:exon10:c.G708A:p.M236I,CDC4!	NA	NA	B
chr22	19834263	19834263	C	A	UTR3	C22orf29	NA	NA	NA	NA	NA
chr22	21044156	21044156	C	A	ncRNA_exonic	POM121L4P	NA	NA	NA	rs192873282	NA
chr22	21649095	21649095	C	-	ncRNA_exonic	POM121L8P	NA	NA	NA	NA	NA
chr22	25044743	25044743	A	G	ncRNA_exonic	POM121L10P	NA	NA	NA	rs71242990	NA
chr22	25054716	25054716	C	G	ncRNA_exonic	POM121L10P	NA	NA	NA	rs3888507	NA
chr22	25264460	25264460	T	C	exonic	SGSM1	nonsynonymous SNV	497:exon11:c.T1112C:p.L371P,SGSM1:NM_001098498:ex	NA	NA	NA
chr22	25603066	25603066	C	G	exonic	CRYBB3	nonsynonymous SNV	CRYBB3:NM_004076:exon6:c.C523G:p.R175G	NA	NA	P
chr22	26847960	26847974	GCGCGCGG	GCA	UTR3	HPS4	NA	NA	NA	NA	NA
chr22	29885823	29885823	A	T	exonic	NEFH	nonsynonymous SNV	NEFH:NM_021076:exon4:c.A2194T:p.T732S	NA	rs145125701	NA
chr22	29932727	29932727	C	A	exonic	THOC5	nonsynonymous SNV	78:exon7:c.G600T:p.R200S,THOC5:NM_001002877:exon8	NA	NA	P
chr22	30221159	30221159	G	A	exonic	ASCC2	nonsynonymous SNV	!42906:exon3:c.C169T:p.P57S,ASCC2:NM_032204:exon4:	NA	NA	B
chr22	36662951	36662951	A	-	UTR3	APOL1	NA	NA	NA	rs11321251	NA
chr22	38687878	38687878	C	T	UTR3	CSNK1E	NA	NA	NA	NA	NA
chr22	39414807	39414807	C	A	UTR3	APOBEC3C	NA	NA	NA	NA	NA
chr22	40720295	40720295	T	-	UTR3	TNRC6B	NA	NA	NA	rs71722737	NA
chr22	42979736	42979736	C	A	UTR3	POLDIP3	NA	NA	NA	NA	NA
chr22	46436143	46436143	-	T	ncRNA_exonic	LOC100271722	NA	NA	NA	NA	NA
chr22	46712068	46712068	C	A	exonic	GTSE1	synonymous SNV	GTSE1:NM_016426:exon7:c.C1191A:p.A397A	NA	NA	NA
chr22	50655686	50655686	C	G	exonic	SELO	unknown	UNKNOWN	NA	NA	B
chrX	8434161	8434161	G	A	exonic	VCX3B	nonsynonymous SNV	VCX3B:NM_001001888:exon3:c.G478A:p.V160M	NA	rs6640132	NA
chrX	10204764	10204764	T	-	UTR3	CLCN4	NA	NA	NA	NA	NA
chrX	10416148	10416148	T	-	UTR3	MID1	NA	NA	NA	NA	NA
chrX	15511350	15511350	T	G	UTR5	PIR	NA	NA	NA	NA	NA
chrX	19552343	19552343	G	T	UTR3	SH3KBP1	NA	NA	NA	NA	NA
chrX	30748293	30748293	T	C	UTR3	GK	NA	NA	NA	rs5972221	NA
chrX	31196550	31196550	T	-	UTR3	DMD	NA	NA	NA	rs11333372	NA
chrX	37027663	37027663	A	C	exonic	FAM47C	nonsynonymous SNV	FAM47C:NM_001013736:exon1:c.A1180C:p.T394P	NA	NA	NA
chrX	37028267	37028267	C	G	exonic	FAM47C	nonsynonymous SNV	FAM47C:NM_001013736:exon1:c.C1784G:p.P595R	NA	NA	NA
chrX	37028402	37028402	A	C	exonic	FAM47C	nonsynonymous SNV	FAM47C:NM_001013736:exon1:c.A1919C:p.Y640S	NA	NA	NA
chrX	37028629	37028629	G	C	exonic	FAM47C	nonsynonymous SNV	FAM47C:NM_001013736:exon1:c.G2146C:p.A716P	NA	rs61999275	NA

chrX	38664818	38664818	T	-	UTR3	MID1IP1	NA	NA	NA	NA	NA
chrX	46919651	46919651	T	A	UTR3	PHF16	NA	NA	NA	NA	NA
chrX	54224160	54224160	-	A	UTR3	WNK3	NA	NA	NA	NA	NA
chrX	55478566	55478566	G	T	UTR5	MAGEH1	NA	NA	NA	NA	NA
chrX	70520238	70520238	T	-	ncRNA_UTR3	NONO	NA	NA	NA	rs34459863	NA
chrX	72297562	72297565	ACAC	-	UTR3	PABPC1L2A	NA	NA	NA	NA	NA
chrX	72298326	72298326	T	C	UTR3	PABPC1L2A	NA	NA	NA	rs182890337	NA
chrX	73071940	73071940	T	A	ncRNA_exonic	XIST	NA	NA	NA	NA	NA
chrX	77268407	77268407	C	A	exonic	ATP7A	nonsynonymous SNV	ATP7A:NM_000052:exon10:c.C2204A:p.A735D	NA	NA	D
chrX	84343124	84343127	ATAA	-	UTR3	APOOL	NA	NA	NA	NA	NA
chrX	1E+08	1E+08	GC	-	UTR3	TMEM35	NA	NA	NA	rs201592497	NA
chrX	1.02E+08	1.02E+08	TT	-	UTR3	BHLHB9	NA	NA	NA	rs201112932	NA
chrX	1.1E+08	1.1E+08	C	T	UTR3	CHRD1	NA	NA	NA	rs12007691	NA
chrX	1.31E+08	1.31E+08	GAGAGAGA	-	UTR3	RAP2C	NA	NA	NA	NA	NA
chrX	1.31E+08	1.31E+08	-	A	UTR3	RAP2C	NA	NA	NA	NA	NA
chrX	1.41E+08	1.41E+08	C	G	exonic	MAGEC1	synonymous SNV	MAGEC1:NM_005462:exon4:c.C723G:p.S241S	ID=COSM150831;OCCURENCE=1(stomach)	rs176041	NA
chrX	1.45E+08	1.45E+08	TTTT	-	UTR3	SLITRK2	NA	NA	NA	NA	NA
chrX	1.5E+08	1.5E+08	C	A	exonic	MAMLD1	nonsynonymous SNV	.25N,MAMLD1:NM_001177465:exon3:c.C374A:p.T125N,I	NA	NA	P
chrX	1.53E+08	1.53E+08	T	C	UTR3	BGN	NA	NA	NA	rs1126598	NA
chrX	1.53E+08	1.53E+08	T	G	UTR3	HCFC1	NA	NA	ID=COSN414031;OCCURENCE=1(urinary_tract)	NA	NA
chrX	1.53E+08	1.53E+08	T	G	exonic	OPN1LW	nonsynonymous SNV	OPN1LW:NM_020061:exon3:c.T538G:p.S180A	NA	rs949431	B
chr1	69511	69511	A	G	exonic	OR4F5	nonsynonymous SNV	OR4F5:NM_001005484:exon1:c.A421G:p.T141A	NA	rs2691305	B
chr1	1310668	1310668	A	C	UTR5	AURKAIP1	NA	NA	NA	rs2242398	NA
chr1	3319390	3319390	C	T	exonic	PRDM16	nonsynonymous SNV	2114:exon6:c.C712T:p.L238F,PRDM16:NM_199454:exon6	NA	NA	NA
chr1	3696890	3696890	A	C	UTR3	LRRC47	NA	NA	NA	rs8379	NA
chr1	7907805	7907805	-	T	UTR3	UTS2	NA	NA	NA	rs112820691	NA
chr1	11846092	11846092	-	T	UTR3	MTHFR	NA	NA	NA	rs112870018	NA
chr1	12888545	12888545	C	T	UTR5	PRAMEF11	NA	NA	NA	rs2982101	NA
chr1	12919642	12919642	G	A	exonic	PRAMEF2	nonsynonymous SNV	PRAMEF2:NM_023014:exon3:c.G382A:p.A128T	NA	rs142476002	B
chr1	12919833	12919833	A	G	exonic	PRAMEF2	synonymous SNV	PRAMEF2:NM_023014:exon3:c.A573G:p.P191P	ID=COSM246757;OCCURENCE=1(prostate)	NA	NA
chr1	12919840	12919840	T	C	exonic	PRAMEF2	nonsynonymous SNV	PRAMEF2:NM_023014:exon3:c.T580C:p.Y194H	ID=COSM246759;OCCURENCE=1(prostate)	NA	B
chr1	13328199	13328199	A	C	UTR3	PRAMEF3	NA	NA	NA	rs56684054	NA
chr1	13328239	13328239	C	A	UTR3	PRAMEF3	NA	NA	NA	rs28394386	NA
chr1	15899478	15899478	T	C	UTR3	AGMAT	NA	NA	NA	rs11587541	NA
chr1	16111413	16111413	C	-	UTR3	FBLIM1	NA	NA	NA	rs149301626	NA
chr1	16375063	16375063	C	G	exonic	CLCNKB	nonsynonymous SNV	CLCNKB:NM_000085:exon7:c.C641G:p.A214G	NA	rs1889789	B
chr1	16375064	16375064	A	C	exonic	CLCNKB	synonymous SNV	CLCNKB:NM_000085:exon7:c.A642C:p.A214A	NA	rs1889790	NA
chr1	16890441	16890441	C	T	exonic	NBPF1	unknown	UNKNOWN	NA	rs3863779	NA
chr1	16902943	16902943	T	C	exonic	NBPF1	unknown	UNKNOWN	NA	rs3896429	NA
chr1	16915434	16915434	T	C	exonic	NBPF1	unknown	UNKNOWN	NA	rs202129231	NA
chr1	16915513	16915513	C	G	exonic	NBPF1	unknown	UNKNOWN	NA	rs61773582	NA
chr1	17023376	17023376	C	T	ncRNA_exonic	ESPNP	NA	NA	NA	rs613579	NA
chr1	17023403	17023403	G	A	ncRNA_exonic	ESPNP	NA	NA	NA	rs10907267	NA
chr1	17046549	17046549	G	A	ncRNA_exonic	ESPNP	NA	NA	NA	rs1755332	NA
chr1	17081606	17081606	A	C	UTR3	MST1L	NA	NA	NA	rs28661960	NA
chr1	17082701	17082701	A	T	UTR3	MST1L	NA	NA	NA	rs1831696	NA
chr1	20671961	20671961	G	A	exonic	VWA5B1	nonsynonymous SNV	VWA5B1:NM_001039500:exon17:c.G2639A:p.R880H	NA	rs11582960	NA
chr1	21808223	21808223	T	C	exonic	NBPF3	synonymous SNV	.453L,NBPF3:NM_001256416:exon13:c.T1531C:p.L511L,N	NA	rs145079058	NA
chr1	22357549	22357549	G	T	ncRNA_exonic	LINC00339	NA	NA	NA	rs2473291	NA
chr1	22418256	22418256	G	T	UTR3	CDC42	NA	NA	NA	NA	NA
chr1	23695593	23695593	-	G	ncRNA_exonic	C1orf213	NA	NA	NA	NA	NA
chr1	23886300	23886300	C	-	upstream	ID3	NA	NA	NA	rs139377135	NA
chr1	24999676	24999676	-	T	UTR3	SRRM1	NA	NA	NA	rs113632210	NA
chr1	25747230	25747230	G	C	exonic	RHCE	nonsynonymous SNV	18616:exon1:c.C48G:p.C16W,RHCE:NM_138617:exon1:c.C	NA	rs201634828	B
chr1	26786627	26786627	G	A	exonic	DHDDS	nonsynonymous SNV	.43565:exon7:c.G640A:p.V214M,DHDDS:NM_024887:exo	ID=COSM146454;OCCURENCE=1(stomach)	rs3816539	B
chr1	28087457	28087457	G	T	UTR3	FAM76A	NA	NA	NA	rs74422309	NA
chr1	32638774	32638774	-	AAAAA	UTR3	KPNA6	NA	NA	NA	NA	NA
chr1	33148362	33148362	-	CT	UTR3	RBBP4	NA	NA	NA	rs5773380	NA
chr1	33475767	33475767	G	A	UTR3	AK2	NA	NA	NA	rs74066436	NA
chr1	33475791	33475791	A	G	UTR3	AK2	NA	NA	NA	rs6884	NA
chr1	38327384	38327384	A	G	UTR3	INPP5B	NA	NA	NA	rs12729989	NA
chr1	38423061	38423061	C	T	UTR3	SF3A3	NA	NA	NA	rs28667771	NA

chr1	39796845	39796855	TTTTTTTTT	-	intronic	MACF1	NA	NA	NA	rs201626891	NA
chr1	39835817	39835817	A	G	exonic	MACF1	nonsynonymous SNV	MACF1:NM_012090:exon47:c.A6868G:p.M2290V	NA	rs2296172	B
chr1	44084739	44084739	C	T	exonic	PTPRF	synonymous SNV	PTPRF:NM_002840:exon27:c.C4485T:p.R1495R,PTPRF:NM_002840:exon27:c.C4485T:p.R1495R	NA	rs11443701	NA
chr1	47099235	47099235	A	C	intergenic	st=16672),ATPAF1(	NA	NA	NA	rs4660950	NA
chr1	51820325	51820325	C	T	UTR3	EPS15	NA	NA	NA	rs11554033	NA
chr1	52817556	52817556	A	-	UTR3	CC2D1B	NA	NA	NA	rs60552348	NA
chr1	54681920	54681920	G	C	exonic	MRPL37	nonsynonymous SNV	MRPL37:NM_016491:exon6:c.G1097C:p.C366S	NA	rs13571	B
chr1	61921185	61921185	-	T	UTR3	NFIA	NA	NA	NA	rs111405657	NA
chr1	62702803	62702803	-	T	UTR3	KANK4	NA	NA	NA	NA	NA
chr1	62960101	62960101	A	G	exonic	DOCK7	synonymous SNV	DOCK7:NM_033407:exon3:c.T4942C:p.L1648L,DOCK7:NM_033407:exon3:c.T4942C:p.L1648L	NA	rs10889335	NA
chr1	64036764	64036764	A	G	exonic	EFCAB7	nonsynonymous SNV	EFCAB7:NM_032437:exon13:c.A1780G:p.I594V	NA	rs199608136	B
chr1	66831370	66831370	G	A	exonic	PDE4B	synonymous SNV	PDE4B:NM_001037341:exon10:c.G1260A:p.E420E,PDE4B:NM_001037341:exon10:c.G1260A:p.E420E	NA	rs783036	NA
chr1	78343510	78343510	C	T	UTR3	FAM73A	NA	NA	NA	rs55760347	NA
chr1	85462665	85462665	T	G	UTR5	MCOLN2	NA	NA	NA	rs11161505	NA
chr1	89225976	89225976	T	C	exonic	PKN2	synonymous SNV	PKN2:NM_006256:exon3:c.T421C:p.L141L	NA	rs430600	NA
chr1	92149277	92149277	C	T	UTR3	TGFBR3	NA	NA	NA	rs1131243	NA
chr1	93620393	93620393	G	A	exonic	TMED5	nonsynonymous SNV	TMED5:NM_016040:exon4:c.C524T:p.T175I	NA	rs1060622	D
chr1	94982785	94982785	A	T	UTR3	ABCD3	NA	NA	NA	rs77888949	NA
chr1	94984053	94984053	A	-	UTR3	ABCD3	NA	NA	NA	rs144257807	NA
chr1	95363001	95363001	T	C	UTR3	CNN3	NA	NA	NA	rs3789699	NA
chr1	97770920	97770920	C	T	exonic	DPYD	nonsynonymous SNV	DPYD:NM_000110:exon18:c.G2194A:p.V732I	NA	rs1801160	D
chr1	1.01E+08	1.01E+08	TTTTTTTTT	-	UTR3	RTCA	NA	NA	NA	NA	NA
chr1	1.03E+08	1.03E+08	G	A	exonic	COL11A1	nonsynonymous SNV	COL11A1:NM_001854:exon51:c.C3851T:p.P1284L,COL11A1:NM_001854:exon51:c.C3851T:p.P1284L	NA	rs3753841	NA
chr1	1.11E+08	1.11E+08	G	A	UTR3	SLC16A4	NA	NA	NA	rs185712869	NA
chr1	1.12E+08	1.12E+08	T	C	exonic	OVGP1	nonsynonymous SNV	OVGP1:NM_002557:exon11:c.A1562G:p.E521G	NA	rs75512011	B
chr1	1.12E+08	1.12E+08	C	T	exonic	OVGP1	synonymous SNV	OVGP1:NM_002557:exon11:c.G1560A:p.G520G	NA	NA	NA
chr1	1.12E+08	1.12E+08	G	C	exonic	OVGP1	nonsynonymous SNV	OVGP1:NM_002557:exon11:c.C1553G:p.T518S	NA	rs45455292	B
chr1	1.12E+08	1.12E+08	A	G	exonic	OVGP1	nonsynonymous SNV	OVGP1:NM_002557:exon11:c.T1540C:p.Y514H	NA	rs1126656	B
chr1	1.12E+08	1.12E+08	A	G	exonic	OVGP1	nonsynonymous SNV	OVGP1:NM_002557:exon11:c.T1531C:p.S511P	NA	rs56294468	B
chr1	1.13E+08	1.13E+08	T	G	exonic	ST7L	synonymous SNV	ST7L:NM_138728:exon7:c.A3727T:p.L224L,ST7L:NM_138728:exon7:c.A3727T:p.L224L	NA	NA	NA
chr1	1.15E+08	1.15E+08	G	A	UTR5	CSDE1	NA	NA	NA	rs41274132	NA
chr1	1.45E+08	1.45E+08	A	G	UTR5	NBPF8,NBPF9	NA	NA	NA	rs201543878	NA
chr1	1.45E+08	1.45E+08	T	C	UTR5	NBPF8,NBPF9	NA	NA	NA	rs199745076	NA
chr1	1.45E+08	1.45E+08	G	T	exonic	SEC22B	unknown	UNKNOWN	NA	rs2596331	NA
chr1	1.45E+08	1.45E+08	T	C	UTR3	SEC22B	NA	NA	NA	rs7550440	NA
chr1	1.48E+08	1.48E+08	T	C	exonic	NBPF14	synonymous SNV	NBPF14:NM_015383:exon22:c.A2766G:p.X922X	NA	rs79370452	NA
chr1	1.49E+08	1.49E+08	T	C	ncRNA_exonic	LOC388692	NA	NA	NA	rs149624901	NA
chr1	1.52E+08	1.52E+08	T	A	exonic	HRNR	nonsynonymous SNV	HRNR:NM_001009931:exon3:c.A7406T:p.Q2469L	NA	rs75280488	NA
chr1	1.52E+08	1.52E+08	G	A	exonic	HRNR	nonsynonymous SNV	HRNR:NM_001009931:exon3:c.C5642T:p.S1881F	NA	rs61814941	NA
chr1	1.53E+08	1.53E+08	G	T	UTR3	LCE1E	NA	NA	NA	rs114470093	NA
chr1	1.61E+08	1.61E+08	C	G	exonic	CD48	nonsynonymous SNV	CD48:NM_001778:exon2:c.G304C:p.E102Q,CD48:NM_001778:exon2:c.G304C:p.E102Q	ID=COSM146667;OCCURENCE=1(stomach)	rs2295615	D
chr1	1.61E+08	1.61E+08	-	A	UTR3	USF1	NA	NA	NA	NA	NA
chr1	1.62E+08	1.62E+08	C	G	UTR5	SH2D1B	NA	NA	NA	rs66518016	NA
chr1	1.63E+08	1.63E+08	T	-	UTR3	RGS5	NA	NA	NA	NA	NA
chr1	1.67E+08	1.67E+08	-	A	UTR3	POGK	NA	NA	NA	NA	NA
chr1	1.68E+08	1.68E+08	A	G	exonic	ADCY10	synonymous SNV	ADCY10:NM_018417:exon16:c.T1938C:p.G646G,ADCY10:NM_018417:exon16:c.T1938C:p.G646G	NA	rs203795	NA
chr1	1.7E+08	1.7E+08	C	T	exonic	SELP	synonymous SNV	SELP:NM_003005:exon14:c.G2346A:p.T782T	NA	rs6128	NA
chr1	1.7E+08	1.7E+08	C	T	exonic	KIFAP3	synonymous SNV	KIFAP3:NM_014970:exon17:c.G1398A:p.G466G,KIFAP3:NM_014970:exon17:c.G1398A:p.G466G	NA	rs33943686	NA
chr1	1.7E+08	1.7E+08	A	G	ncRNA_exonic	LOC284688	NA	NA	NA	rs3795614	NA
chr1	1.7E+08	1.7E+08	T	C	ncRNA_exonic	LOC284688	NA	NA	NA	rs3795615	NA
chr1	1.71E+08	1.71E+08	G	T	ncRNA_exonic	FMO6P	NA	NA	NA	rs11812061	NA
chr1	1.77E+08	1.77E+08	C	T	exonic	PAPPA2	synonymous SNV	PAPPA2:NM_020318:exon22:c.C5262T:p.D1754D	NA	rs12118034	NA
chr1	1.78E+08	1.78E+08	G	A	exonic	SEC16B	synonymous SNV	SEC16B:NM_033127:exon8:c.C954T:p.S318S	NA	rs35891059	NA
chr1	1.8E+08	1.8E+08	A	G	exonic	TDRD5	nonsynonymous SNV	TDRD5:NM_001199091:exon7:c.A1072G:p.K358E,TDRD5:NM_001199091:exon7:c.A1072G:p.K358E	NA	rs6704505	B
chr1	1.8E+08	1.8E+08	A	C	exonic	TOR1AIP1	synonymous SNV	TOR1AIP1:NM_015602:exon1:c.A64C:p.R22R,TOR1AIP1:NM_015602:exon1:c.A64C:p.R22R	NA	NA	NA
chr1	1.82E+08	1.82E+08	G	A	exonic	CACNA1E	nonsynonymous SNV	CACNA1E:NM_000721:exon44:c.G5863A:p.A1955T,CACNA1E:NM_000721:exon44:c.G5863A:p.A1955T	NA	rs704326	NA
chr1	1.97E+08	1.97E+08	T	G	UTR3	CFHR5	NA	NA	NA	rs10922153	NA
chr1	2.01E+08	2.01E+08	TTTATTAT	-	UTR3	KIF14	NA	NA	NA	NA	NA
chr1	2.01E+08	2.01E+08	A	G	exonic	IGFN1	nonsynonymous SNV	IGFN1:NM_001164586:exon12:c.A5416G:p.S1806G	NA	NA	NA
chr1	2.02E+08	2.02E+08	AA	-	UTR3	ELF3	NA	NA	NA	rs77731786	NA
chr1	2.02E+08	2.02E+08	T	-	UTR3	GPR37L1	NA	NA	NA	rs35555096	NA
chr1	2.04E+08	2.04E+08	T	C	exonic	ATP2B4	synonymous SNV	ATP2B4:NM_001684:exon3:c.T318C:p.L106L,ATP2B4:NM_001684:exon3:c.T318C:p.L106L	NA	rs2228445	NA

chr1	2.07E+08	2.07E+08	T	G	UTR3	C1orf116	NA	NA	NA	rs3020	NA
chr1	2.07E+08	2.07E+08	C	T	UTR3	C1orf116	NA	NA	NA	rs10877	NA
chr1	2.08E+08	2.08E+08	-	T	UTR3	PLXNA2	NA	NA	NA	NA	NA
chr1	2.12E+08	2.12E+08	T	G	UTR3	DTL	NA	NA	NA	rs1387815	NA
chr1	2.13E+08	2.13E+08	A	G	UTR3	NSL1	NA	NA	NA	rs11800642	NA
chr1	2.21E+08	2.21E+08	A	G	UTR5	HLX	NA	NA	NA	rs2738752	NA
chr1	2.21E+08	2.21E+08	T	-	UTR5	HLX	NA	NA	NA	rs11300127	NA
chr1	2.23E+08	2.23E+08	G	C	exonic	TAF1A	synonymous SNV	G,TAF1A:NM_001201536:exon10:c.C1143G:p.G381G,TAF	NA	rs1134898	NA
chr1	2.25E+08	2.25E+08	A	G	exonic	DNAH14	nonsynonymous SNV	DNAH14:NM_001373:exon37:c.A5771G:p.K1924R	NA	rs191528375	NA
chr1	2.27E+08	2.27E+08	A	G	UTR3	C1orf95	NA	NA	NA	rs114523191	NA
chr1	2.28E+08	2.28E+08	AAAA	-	UTR5	CDC42BPA	NA	NA	NA	rs199516755	NA
chr1	2.28E+08	2.28E+08	G	A	exonic	OBSCN	nonsynonymous SNV	OM,OBSCN:NM_052843:exon30:c.G8158A:p.V2720M,OB:	NA	rs1188697	NA
chr1	2.3E+08	2.3E+08	G	A	UTR3	TAF5L	NA	NA	NA	rs3820359	NA
chr1	2.3E+08	2.3E+08	C	T	intronic	PGBD5	NA	NA	NA	rs2009265	NA
chr1	2.31E+08	2.31E+08	C	A	UTR3	FAM89A	NA	NA	NA	NA	NA
chr1	2.33E+08	2.33E+08	C	T	exonic	SIPA1L2	synonymous SNV	SIPA1L2:NM_020808:exon1:c.G219A:p.K73K	NA	rs4649383	NA
chr1	2.35E+08	2.35E+08	T	C	exonic	TARBP1	nonsynonymous SNV	TARBP1:NM_005646:exon12:c.A2032G:p.S678G	NA	rs4920246	B
chr1	2.35E+08	2.35E+08	T	C	exonic	ARID4B	synonymous SNV	.E299E,ARID4B:NM_016374:exon11:c.A897G:p.E299E,AR	NA	rs12731746	NA
chr1	2.36E+08	2.36E+08	G	C	UTR3	B3GALNT2	NA	NA	NA	rs6429095	NA
chr1	2.36E+08	2.36E+08	G	A	UTR3	B3GALNT2	NA	NA	NA	rs6429096	NA
chr1	2.38E+08	2.38E+08	C	G	UTR3	RYR2	NA	NA	NA	rs12406863	NA
chr1	2.49E+08	2.49E+08	G	A	exonic	OR2T34	nonsynonymous SNV	OR2T34:NM_001001821:exon1:c.C766T:p.L256F	NA	rs200427293	B
chr1	2.49E+08	2.49E+08	C	G	exonic	OR2T34	synonymous SNV	OR2T34:NM_001001821:exon1:c.G765C:p.L255L	NA	rs201475070	NA
chr1	2.49E+08	2.49E+08	C	-	UTR5	SH3BP5L	NA	NA	NA	rs28362662	NA
chr2	224919	224919	A	G	exonic	SH3YL1	synonymous SNV	SH3YL1:NM_015677:exon9:c.T783C:p.S261S	NA	rs2290911	NA
chr2	3718692	3718692	C	T	UTR5	ALLC	NA	NA	NA	rs13409104	NA
chr2	5839842	5839846	TTTTT	-	UTR3	SOX11	NA	NA	NA	rs200138663	NA
chr2	18768850	18768850	A	G	exonic	NT5C1B,NT5C1B-RDH	synonymous SNV	NT5C1B:NM_001199088:exon2:c.T39C:p.P13P,NT5C1B-RI	NA	rs16985306	NA
chr2	20131079	20131079	T	C	exonic	WDR35	nonsynonymous SNV	exon24:c.A2915G:p.E972G,WDR35:NM_001006657:exon:	NA	rs1191778	B
chr2	29023100	29023100	T	C	UTR3	PPP1CB	NA	NA	NA	NA	NA
chr2	30865267	30865267	T	-	UTR3	LCLAT1	NA	NA	NA	NA	NA
chr2	30865753	30865753	-	TT	UTR3	LCLAT1	NA	NA	NA	NA	NA
chr2	31396115	31396115	G	A	UTR3	CAPN14	NA	NA	NA	rs2044244	NA
chr2	31610701	31610701	C	T	exonic	XDH	synonymous SNV	XDH:NM_000379:exon8:c.G627A:p.E209E	NA	rs45575032	NA
chr2	33412077	33412077	G	A	exonic	LTBP1	synonymous SNV	26A,LTBP1:NM_001166265:exon2:c.G378A:p.A126A,LTBP	NA	rs1065324	NA
chr2	33447202	33447202	C	T	exonic	LTBP1	synonymous SNV	34N,LTBP1:NM_001166265:exon5:c.C882T:p.N294N,LTBP	NA	rs2290448	NA
chr2	33951299	33951299	-	TT	ncRNA_exonic	MYADML	NA	NA	NA	rs71409649	NA
chr2	37230734	37230734	C	T	exonic	HEATR5B	synonymous SNV	HEATR5B:NM_019024:exon31:c.G5001A:p.Q1667Q	NA	rs17497654	NA
chr2	37323460	37323460	G	C	UTR3	GPATCH11	NA	NA	NA	rs12474977	NA
chr2	38522260	38522260	A	T	UTR3	ATL2	NA	NA	NA	rs6987	NA
chr2	44546016	44546016	C	T	UTR3	PREPL	NA	NA	NA	rs8410	NA
chr2	46746963	46746963	A	G	UTR5	ATP6V1E2	NA	NA	NA	rs4952830	NA
chr2	58388696	58388696	A	G	exonic	FANCL	synonymous SNV	4636:exon12:c.T996C:p.S332S,FANCL:NM_018062:exon1	NA	rs848291	NA
chr2	63283478	63283478	C	A	UTR3	OTX1	NA	NA	NA	NA	NA
chr2	64119863	64119863	-	T	UTR3	VPS54	NA	NA	NA	NA	NA
chr2	71036190	71036190	A	-	UTR3	CLEC4F	NA	NA	NA	rs149426278	NA
chr2	71429725	71429725	T	C	UTR5	PAIP2B	NA	NA	NA	rs56871884	NA
chr2	72707874	72707874	A	G	exonic	EXOC6B	synonymous SNV	EXOC6B:NM_015189:exon17:c.T1671C:p.V557V	NA	rs653220	NA
chr2	85546302	85546302	T	-	UTR3	TGOLN2	NA	NA	NA	NA	NA
chr2	85549650	85549650	G	C	UTR3	TGOLN2	NA	NA	NA	NA	NA
chr2	85776490	85776490	-	TTTA	UTR3	GGCX	NA	NA	NA	rs5832649	NA
chr2	86016656	86016656	G	A	UTR3	ATOH8	NA	NA	NA	rs13035450	NA
chr2	91970053	91970053	A	G	ncRNA_exonic	GGT8P	NA	NA	NA	rs200455966	NA
chr2	91970089	91970089	G	C	ncRNA_exonic	GGT8P	NA	NA	NA	rs147452528	NA
chr2	91970112	91970112	C	T	ncRNA_exonic	GGT8P	NA	NA	NA	rs139857385	NA
chr2	96676301	96676301	C	A	ncRNA_exonic	FAHD2CP	NA	NA	NA	rs2443817	NA
chr2	97915895	97915895	T	C	exonic	ANKRD36	synonymous SNV	ANKRD36:NM_001164315:exon75:c.T5817C:p.F1939F	NA	rs201565865	NA
chr2	97915896	97915896	G	A	exonic	ANKRD36	nonsynonymous SNV	ANKRD36:NM_001164315:exon75:c.G5818A:p.E1940K	NA	rs199628660	NA
chr2	98127653	98127653	T	G	exonic	ANKRD36B	nonsynonymous SNV	ANKRD36B:NM_025190:exon39:c.A3668C:p.N1223T	NA	rs62157161	NA
chr2	98127659	98127659	T	C	exonic	ANKRD36B	nonsynonymous SNV	ANKRD36B:NM_025190:exon39:c.A3662G:p.E1221G	NA	NA	NA
chr2	99237792	99237792	C	T	UTR3	MGAT4A	NA	NA	NA	rs11892744	NA
chr2	1.07E+08	1.07E+08	AACAAC	-	UTR3	ST6GAL2	NA	NA	NA	rs200860434	NA

chr2	1.09E+08	1.09E+08	T	-	UTR3	SULT1C2	NA	NA	NA	rs35976654	NA
chr2	1.09E+08	1.09E+08	C	T	UTR3	GCC2	NA	NA	NA	rs1138412	NA
chr2	1.09E+08	1.09E+08	-	TT	UTR3	GCC2	NA	NA	NA	rs201168024	NA
chr2	1.14E+08	1.14E+08	G	C	ncRNA_exonic	DDX11L2	NA	NA	NA	rs7340345	NA
chr2	1.2E+08	1.2E+08	T	G	UTR5	EN1	NA	NA	NA	rs4989649	NA
chr2	1.21E+08	1.21E+08	G	A	exonic	EPB41L5	nonsynonymous SNV	137:exon17:c.G1384A:p.A462T,EPB41L5:NM_020909:exor	NA	rs1034489	B
chr2	1.31E+08	1.31E+08	C	A	exonic	POTEF	nonsynonymous SNV	POTEF:NM_001099771:exon17:c.G2601T:p.E867D	NA	rs2599794	NA
chr2	1.32E+08	1.32E+08	A	G	UTR5	ARHGEF4	NA	NA	NA	rs3739127	NA
chr2	1.33E+08	1.33E+08	C	T	ncRNA_exonic	ANKRD30BL	NA	NA	NA	rs112570337	NA
chr2	1.33E+08	1.33E+08	G	A	ncRNA_exonic	ANKRD30BL	NA	NA	NA	rs112577594	NA
chr2	1.33E+08	1.33E+08	A	C	ncRNA_exonic	ANKRD30BL	NA	NA	NA	rs148060042	NA
chr2	1.57E+08	1.57E+08	G	C	UTR3	GPD2	NA	NA	NA	rs1991776	NA
chr2	1.9E+08	1.9E+08	A	C	exonic	DIRC1	nonsynonymous SNV	DIRC1:NM_052952:exon2:c.T151G:p.S51A	NA	rs72902678	NA
chr2	1.92E+08	1.92E+08	G	A	exonic	MYO1B	synonymous SNV	190E,MYO1B:NM_001161819:exon16:c.G1470A:p.E490E,I	NA	rs13018796	NA
chr2	1.98E+08	1.98E+08	A	T	UTR3	PGAP1	NA	NA	NA	NA	NA
chr2	1.99E+08	1.99E+08	G	A	exonic	RFTN2	synonymous SNV	RFTN2:NM_144629:exon3:c.C369T:p.L123L	NA	rs10497806	NA
chr2	2.01E+08	2.01E+08	-	T	UTR3	SPATS2L	NA	NA	NA	NA	NA
chr2	2.01E+08	2.01E+08	A	-	UTR3	SPATS2L	NA	NA	NA	rs11313633	NA
chr2	2.02E+08	2.02E+08	A	-	UTR3	TRAK2	NA	NA	NA	rs138690285	NA
chr2	2.07E+08	2.07E+08	T	C	exonic	NRP2	synonymous SNV	264:exon6:c.T870C:p.N290N,NRP2:NM_201266:exon6:c.1	NA	rs2228639	NA
chr2	2.11E+08	2.11E+08	T	G	exonic	ACADL	nonsynonymous SNV	ACADL:NM_001608:exon9:c.A997C:p.K333Q	NA	rs2286963	D
chr2	2.16E+08	2.16E+08	G	A	exonic	BARD1	nonsynonymous SNV	BARD1:NM_000465:exon1:c.C70T:p.P24S	NA	rs1048108	B
chr2	2.2E+08	2.2E+08	A	G	UTR3	PRKAG3	NA	NA	NA	rs6436094	NA
chr2	2.24E+08	2.24E+08	T	C	exonic	KCNE4	synonymous SNV	KCNE4:NM_080671:exon2:c.T417C:p.P139P	NA	rs10201907	NA
chr2	2.26E+08	2.26E+08	TGG	-	UTR5	NYAP2	NA	NA	NA	rs10578238	NA
chr2	2.28E+08	2.28E+08	C	T	exonic	COL4A4	synonymous SNV	COL4A4:NM_000092:exon42:c.G4080A:p.P1360P	NA	rs2228556	NA
chr2	2.28E+08	2.28E+08	C	T	exonic	COL4A4	nonsynonymous SNV	COL4A4:NM_000092:exon42:c.G3979A:p.V1327M	NA	rs2229813	NA
chr2	2.28E+08	2.28E+08	G	A	exonic	COL4A4	nonsynonymous SNV	COL4A4:NM_000092:exon21:c.C1444T:p.P482S	NA	rs2229814	B
chr2	2.31E+08	2.31E+08	T	C	UTR3	SP140	NA	NA	NA	rs933957	NA
chr2	2.35E+08	2.35E+08	AAACAAAC	-	UTR3	HJURP	NA	NA	NA	rs150635580	NA
chr2	2.35E+08	2.35E+08	-	TTAT	UTR3	TRPM8	NA	NA	NA	rs138810119	NA
chr2	2.35E+08	2.35E+08	T	-	UTR3	ARL4C	NA	NA	NA	rs11476419	NA
chr2	2.39E+08	2.39E+08	C	A	exonic	ESPNL	synonymous SNV	ESPNL:NM_194312:exon2:c.C403A:p.R135R	NA	rs34878344	NA
chr2	2.4E+08	2.4E+08	-	ATAGATAG	UTR3	HDAC4	NA	NA	NA	NA	NA
chr2	2.4E+08	2.4E+08	G	A	exonic	HDAC4	synonymous SNV	HDAC4:NM_006037:exon21:c.C2565T:p.P855P	NA	rs1063639	NA
chr2	2.41E+08	2.41E+08	C	T	exonic	PRR21	nonsynonymous SNV	PRR21:NM_001080835:exon1:c.G712A:p.V238I	NA	rs199895422	NA
chr2	2.41E+08	2.41E+08	C	T	exonic	PRR21	nonsynonymous SNV	PRR21:NM_001080835:exon1:c.G292A:p.V98I	D=COSM1129269,COSM1129268;OCCURENCE=1(prostate)	rs112152720	B
chr2	2.41E+08	2.41E+08	G	A	exonic	ANKMY1	nonsynonymous SNV	ANKMY1:NM_016552:exon10:c.C1946T:p.T649M	NA	rs35044862	B
chr2	2.42E+08	2.42E+08	C	T	exonic	PASK	nonsynonymous SNV	52124:exon6:c.G748A:p.V250I,PASK:NM_015148:exon6:c.ID=COSM149119,COSM149120;OCCURENCE=1(stomach)	rs1470414	B	
chr2	2.43E+08	2.43E+08	A	C	UTR3	BOK	NA	NA	NA	rs12993567	NA
chr2	2.43E+08	2.43E+08	T	A	ncRNA_exonic	LOC728323	NA	NA	NA	rs1817840	NA
chr3	5222488	5222488	-	\GGGGATA	UTR3	ARL8B	NA	NA	NA	rs143599604	NA
chr3	9519364	9519364	T	-	UTR3	SETD5	NA	NA	NA	rs58994037	NA
chr3	14105964	14105964	T	C	ncRNA_exonic	TPRXL	NA	NA	NA	NA	NA
chr3	15469001	15469001	A	C	UTR5	METTL6	NA	NA	NA	rs2290536	NA
chr3	18427924	18427924	G	T	exonic	SATB1	synonymous SNV	1462P,SATB1:NM_001195470:exon8:c.C1386A:p.P462P,S/	NA	rs2229261	NA
chr3	19988758	19988758	-	CGG	UTR5	RAB5A	NA	NA	NA	NA	NA
chr3	20212189	20212189	A	G	UTR3	SGOL1	NA	NA	NA	rs1052930	NA
chr3	33174156	33174156	T	G	exonic	CRTAP	synonymous SNV	CRTAP:NM_006371:exon5:c.T1032G:p.T344T	ID=COSM149349;OCCURENCE=1(stomach)	rs1135127	NA
chr3	33174168	33174168	G	A	exonic	CRTAP	synonymous SNV	CRTAP:NM_006371:exon5:c.G1044A:p.S348S	NA	rs1135128	NA
chr3	37028931	37028931	-	T	UTR3	EPM2AIP1	NA	NA	NA	rs199570773	NA
chr3	38493852	38493852	C	A	ncRNA_exonic	ACVR2B-AS1	NA	NA	NA	rs3762788	NA
chr3	38908944	38908944	T	C	exonic	SCN11A	synonymous SNV	SCN11A:NM_014139:exon23:c.A3819G:p.E1273E	NA	rs148945365	NA
chr3	41281460	41281460	C	T	UTR3	CTNNB1	NA	NA	NA	NA	NA
chr3	41281464	41281464	C	T	UTR3	CTNNB1	NA	NA	NA	NA	NA
chr3	46945263	46945263	-	A	UTR3	PTH1R	NA	NA	NA	NA	NA
chr3	49273996	49273996	C	T	exonic	CCDC36	synonymous SNV	1135197:exon3:c.C72T:p.S24S,CCDC36:NM_178173:exon	NA	rs12631989	NA
chr3	49315576	49315576	T	-	UTR3	USP4	NA	NA	NA	rs11309567	NA
chr3	54354510	54354510	T	C	exonic	CACNA2D3	synonymous SNV	CACNA2D3:NM_018398:exon3:c.T246C:p.I82I	NA	rs9879885	NA
chr3	58304608	58304608	C	G	UTR3	RPP14	NA	NA	NA	rs3210776	NA
chr3	59908126	59908126	A	G	exonic	FHIT	synonymous SNV	166243:exon8:c.T294C:p.H98H,FHIT:NM_002012:exon8:c.	ID=COSM149406;OCCURENCE=1(stomach)	rs1385816	NA
chr3	74344356	74344356	T	G	exonic	CNTN3	synonymous SNV	CNTN3:NM_020872:exon18:c.A2433C:p.A811A	NA	rs10490832	NA

chr3	75715734	75715734	G	A	ncRNA_exonic	FLJ20518	NA	NA	NA	rs138571914	NA
chr3	75716122	75716122	T	C	ncRNA_exonic	FLJ20518	NA	NA	NA	rs139598107	NA
chr3	75716303	75716303	T	A	ncRNA_exonic	FLJ20518	NA	NA	NA	rs150165388	NA
chr3	75786288	75786288	A	G	exonic	ZNF717	nonsynonymous SNV	ZNF717:NM_001128223:exon5:c.T2486C:p.L829P	DB=COSM1191698;OCCURENCE=1(central_nervous_system	rs147227180	NA
chr3	75786298	75786298	T	C	exonic	ZNF717	nonsynonymous SNV	ZNF717:NM_001128223:exon5:c.A2476G:p.K826E	NA	rs140045886	NA
chr3	75787202	75787202	G	T	exonic	ZNF717	synonymous SNV	ZNF717:NM_001128223:exon5:c.C1572A:p.V524V	NA	rs76713735	NA
chr3	75788199	75788199	T	C	exonic	ZNF717	nonsynonymous SNV	ZNF717:NM_001128223:exon5:c.A575G:p.H192R	NA	rs146090776	NA
chr3	1.13E+08	1.13E+08	A	-	UTR3	GTPBP8	NA	NA	NA	rs200301737	NA
chr3	1.19E+08	1.19E+08	C	G	exonic	C3orf30	nonsynonymous SNV	C3orf30:NM_152539:exon2:c.C1419G:p.D473E	NA	rs9289122	B
chr3	1.22E+08	1.22E+08	A	G	UTR3	CASR	NA	NA	NA	rs9740	NA
chr3	1.24E+08	1.24E+08	T	C	exonic	KALRN	synonymous SNV	4:exon2:c.T243C:p.L81L,KALRN:NM_001024660:exon35:c	NA	rs1660038	NA
chr3	1.29E+08	1.29E+08	C	T	exonic	EFCAB12	nonsynonymous SNV	EFCAB12:NM_207307:exon3:c.G590A:p.R197H	NA	rs62266958	NA
chr3	1.29E+08	1.29E+08	G	A	UTR5	EFCAB12	NA	NA	NA	rs3796391	NA
chr3	1.3E+08	1.3E+08	G	A	exonic	ALG1L2	synonymous SNV	ALG1L2:NM_001136152:exon2:c.G45A:p.P15P	NA	rs6804080	NA
chr3	1.3E+08	1.3E+08	T	-	intronic	COL6A5	NA	NA	NA	rs11355796	NA
chr3	1.36E+08	1.36E+08	G	A	UTR3	MSL2	NA	NA	NA	NA	NA
chr3	1.36E+08	1.36E+08	G	A	UTR3	MSL2	NA	NA	NA	rs78145147	NA
chr3	1.42E+08	1.42E+08	T	-	UTR3	GK5	NA	NA	NA	rs139089663	NA
chr3	1.42E+08	1.42E+08	A	-	UTR3	GK5	NA	NA	NA	rs137909394	NA
chr3	1.5E+08	1.5E+08	AAA	-	UTR3	TSC22D2	NA	NA	NA	rs71739355	NA
chr3	1.59E+08	1.59E+08	A	G	exonic	MFSD1	nonsynonymous SNV	67903:exon7:c.A688G:p.I230V,MFSD1:NM_022736:exon8	NA	rs3765083	B
chr3	1.65E+08	1.65E+08	C	T	UTR3	BCHE	NA	NA	NA	rs3495	NA
chr3	1.67E+08	1.67E+08	T	A	exonic	ZBBX	nonsynonymous SNV	K160N,ZBBX:NM_001199202:exon9:c.A393T:p.K131N,ZBI	NA	rs4619784	P
chr3	1.67E+08	1.67E+08	A	G	exonic	WDR49	nonsynonymous SNV	WDR49:NM_178824:exon14:c.T1952C:p.L651P	NA	rs13060964	B
chr3	1.71E+08	1.71E+08	A	G	exonic	PLD1	synonymous SNV	381:exon16:c.T1770C:p.R590R,PLD1:NM_002662:exon17:	NA	rs2124147	NA
chr3	1.86E+08	1.86E+08	G	-	UTR3	ETV5	NA	NA	NA	rs200001879	NA
chr3	1.86E+08	1.86E+08	A	G	UTR3	DGKG	NA	NA	NA	rs13089860	NA
chr3	1.86E+08	1.86E+08	T	G	UTR3	TBCCD1	NA	NA	NA	rs4686430	NA
chr3	1.87E+08	1.87E+08	C	T	UTR3	RTP4	NA	NA	NA	rs9028	NA
chr3	1.88E+08	1.88E+08	G	A	ncRNA_exonic	FLJ42393	NA	NA	NA	rs344952	NA
chr3	1.94E+08	1.94E+08	G	A	UTR3	CPN2	NA	NA	NA	rs1048996	NA
chr3	1.94E+08	1.94E+08	-	G	UTR3	ATP13A3	NA	NA	NA	NA	NA
chr3	1.95E+08	1.95E+08	G	A	UTR3	XXYL1	NA	NA	NA	rs2720930	NA
chr3	1.95E+08	1.95E+08	-	GGCG	UTR3	APOD	NA	NA	NA	rs146445395	NA
chr3	1.95E+08	1.95E+08	T	G	UTR3	APOD	NA	NA	NA	NA	NA
chr3	1.96E+08	1.96E+08	C	T	exonic	MUC4	nonsynonymous SNV	37D,MUC4:NM_004532:exon3:c.G263A:p.G88D,MUC4:NI	NA	rs2259292	NA
chr3	1.96E+08	1.96E+08	G	T	exonic	MUC4	nonsynonymous SNV	MUC4:NM_018406:exon2:c.C11200A:p.P3734T	NA	rs201456607	NA
chr3	1.96E+08	1.96E+08	G	C	exonic	MUC4	synonymous SNV	MUC4:NM_018406:exon2:c.C10653G:p.T3551T	NA	NA	NA
chr3	1.96E+08	1.96E+08	C	G	exonic	MUC4	nonsynonymous SNV	MUC4:NM_018406:exon2:c.G9903C:p.E3301D	NA	NA	NA
chr3	1.96E+08	1.96E+08	A	G	exonic	MUC4	nonsynonymous SNV	MUC4:NM_018406:exon2:c.T9290C:p.V3097A	NA	rs79582237	NA
chr3	1.96E+08	1.96E+08	C	T	exonic	MUC4	nonsynonymous SNV	MUC4:NM_018406:exon2:c.G8656A:p.A2886T	NA	rs201497773	NA
chr3	1.96E+08	1.96E+08	T	C	exonic	MUC4	nonsynonymous SNV	MUC4:NM_018406:exon2:c.A8200G:p.T2734A	NA	NA	NA
chr3	1.96E+08	1.96E+08	A	G	exonic	MUC4	synonymous SNV	MUC4:NM_018406:exon2:c.T5700C:p.G1900G	NA	NA	NA
chr3	1.96E+08	1.96E+08	A	G	exonic	MUC4	nonsynonymous SNV	MUC4:NM_018406:exon2:c.T4318C:p.S1440P	NA	NA	NA
chr3	1.96E+08	1.96E+08	A	G	exonic	MUC4	synonymous SNV	MUC4:NM_018406:exon2:c.T3996C:p.T1332T	NA	rs79619815	NA
chr3	1.96E+08	1.96E+08	C	G	exonic	MUC4	nonsynonymous SNV	MUC4:NM_018406:exon2:c.G3981C:p.M1327I	NA	rs200851738	NA
chr3	1.96E+08	1.96E+08	T	A	exonic	MUC4	synonymous SNV	MUC4:NM_018406:exon2:c.A3723T:p.A1241A	NA	NA	NA
chr4	844781	844781	G	A	exonic	GAK	synonymous SNV	GAK:NM_005255:exon26:c.C3600T:p.T1200T	ID=COSM287830;OCCURENCE=1(large_intestine)	rs75072999	NA
chr4	860192	860192	A	G	exonic	GAK	synonymous SNV	GAK:NM_005255:exon22:c.T3003C:p.S1001S	NA	rs1064207	NA
chr4	1191486	1191486	-	T	ncRNA_exonic	LOC100130872	NA	NA	NA	NA	NA
chr4	2252201	2252201	C	T	UTR3	MXD4	NA	NA	NA	rs1052682	NA
chr4	7044357	7044357	A	G	exonic	CCDC96	synonymous SNV	CCDC96:NM_153376:exon1:c.T309C:p.V103V	NA	rs871133	NA
chr4	17634213	17634213	A	G	exonic	FAM184B	nonsynonymous SNV	FAM184B:NM_015688:exon18:c.T3125C:p.V1042A	NA	rs6825562	NA
chr4	20731213	20731213	-	TTTAACT	UTR3	KCNIP4	NA	NA	NA	NA	NA
chr4	20731232	20731242	AAATGGAA	-	UTR3	KCNIP4	NA	NA	NA	rs151224175	NA
chr4	20852244	20852244	A	G	exonic	KCNIP4	synonymous SNV	001035004:exon2:c.T24C:p.P8P,KCNIP4:NM_025221:exor	NA	rs3765122	NA
chr4	21846581	21846581	-	AAA	ncRNA_exonic	KCNIP4-IT1	NA	NA	NA	NA	NA
chr4	31147973	31147980	AAATAAAT	-	UTR3	PCDH7	NA	NA	NA	rs145102344	NA
chr4	37613930	37613930	G	A	UTR3	RELL1	NA	NA	NA	rs17495047	NA
chr4	39451560	39451565	AATAAA	-	UTR3	KLB	NA	NA	NA	rs145759953	NA
chr4	39458051	39458051	A	G	exonic	RPL9	synonymous SNV	24921:exon4:c.T366C:p.Y122Y,RPL9:NM_000661:exon5:c	NA	rs1065744	NA
chr4	39478946	39478946	C	T	UTR3	LIAS	NA	NA	NA	rs11934814	NA

chr4	54876132	54876132	C	-	UTR3	CHIC2	NA	NA	NA	rs68107873	NA
chr4	56899377	56899377	A	G	UTR3	CEP135	NA	NA	NA	rs12512313	NA
chr4	57326996	57326996	C	T	UTR3	PAICS	NA	NA	NA	rs1140982	NA
chr4	57368635	57368662	ATATGTAT,	-	UTR3	SRP72	NA	NA	NA	rs200531104	NA
chr4	71117016	71117016	T	G	UTR3	CSN3	NA	NA	NA	rs62308392	NA
chr4	72435944	72435973	TTCAGCCTC	-	UTR3	SLC4A4	NA	NA	NA	NA	NA
chr4	76720885	76720885	T	C	exonic	USO1	unknown	UNKNOWN	NA	rs13119659	NA
chr4	76871270	76871270	C	A	UTR3	SDAD1	NA	NA	NA	NA	NA
chr4	77701688	77701688	A	-	UTR3	SHROOM3	NA	NA	NA	rs11325137	NA
chr4	88536880	88536880	C	T	exonic	DSPP	synonymous SNV	DSPP:NM_014208:exon5:c.C3066T:p.S1022S	NA	NA	NA
chr4	88537180	88537180	T	C	exonic	DSPP	synonymous SNV	DSPP:NM_014208:exon5:c.T3366C:p.N1122N	NA	NA	NA
chr4	88537294	88537294	T	C	exonic	DSPP	synonymous SNV	DSPP:NM_014208:exon5:c.T3480C:p.S1160S	NA	NA	NA
chr4	91759710	91759710	-	A	intronic	CCSER1	NA	NA	NA	NA	NA
chr4	99850451	99850451	T	-	UTR5	EIF4E	NA	NA	NA	NA	NA
chr4	1E+08	1E+08	A	G	exonic	ADH1B	synonymous SNV	ADH1B:NM_000668:exon6:c.T753C:p.I251I	NA	rs1789882	NA
chr4	1E+08	1E+08	C	T	exonic	ADH1C	unknown	UNKNOWN	NA	rs1693425	NA
chr4	1E+08	1E+08	-	T	UTR3	TRMT10A	NA	NA	NA	rs149160816	NA
chr4	1.11E+08	1.11E+08	T	C	exonic	ENPEP	nonsynonymous SNV	ENPEP:NM_001977:exon2:c.T653C:p.V218A	ID=COSM1131302;OCCURENCE=1(prostate)	rs1126483	B
chr4	1.15E+08	1.15E+08	CAAATTAGC	-	UTR3	ARSJ	NA	NA	NA	NA	NA
chr4	1.23E+08	1.23E+08	T	C	UTR3	TMEM155	NA	NA	NA	rs4342205	NA
chr4	1.24E+08	1.24E+08	G	A	UTR3	SPATA5	NA	NA	NA	rs2132078	NA
chr4	1.47E+08	1.47E+08	A	-	UTR3	MMAA	NA	NA	NA	rs33978754	NA
chr4	1.54E+08	1.54E+08	T	G	exonic	TRIM2	synonymous SNV	30067:exon3:c.T324G:p.T108T,TRIM2:NM_015271:exon3	NA	rs2289409	NA
chr4	1.56E+08	1.56E+08	A	G	UTR5	MAP9	NA	NA	ID=COSN404819;OCCURENCE=1(lung)	rs17377679	NA
chr4	1.6E+08	1.6E+08	C	T	UTR5	PPID	NA	NA	NA	rs2070629	NA
chr4	1.6E+08	1.6E+08	A	-	UTR3	FNIP2	NA	NA	NA	rs11340968	NA
chr4	1.76E+08	1.76E+08	G	T	UTR5	ADAM29	NA	NA	NA	rs7689299	NA
chr4	1.76E+08	1.76E+08	C	T	UTR5	ADAM29	NA	NA	NA	rs62334419	NA
chr4	1.77E+08	1.77E+08	A	-	UTR3	WDR17	NA	NA	NA	rs70962454	NA
chr4	1.77E+08	1.77E+08	A	G	exonic	SPATA4	synonymous SNV	SPATA4:NM_144644:exon4:c.T510C:p.Y170Y	NA	rs2291244	NA
chr4	1.84E+08	1.84E+08	G	T	exonic	WWC2	nonsynonymous SNV	WWC2:NM_024949:exon16:c.G2446T:p.V816F	NA	rs11734376	NA
chr4	1.86E+08	1.86E+08	-	ATT	UTR3	CASP3	NA	NA	NA	rs4647696	NA
chr4	1.86E+08	1.86E+08	G	A	exonic	CCDC111	synonymous SNV	CCDC111:NM_152683:exon8:c.G948A:p.Q316Q	NA	rs34985821	NA
chr5	796054	796055	CT	-	UTR3	ZDHHC11	NA	NA	NA	NA	NA
chr5	796106	796106	T	C	UTR3	ZDHHC11	NA	NA	NA	NA	NA
chr5	1222213	1222214	TG	-	UTR3	SLC6A19	NA	NA	NA	rs35482871	NA
chr5	10657091	10657091	-	AA	UTR3	ANKRD33B	NA	NA	NA	NA	NA
chr5	10972889	10972889	T	-	UTR3	CTNND2	NA	NA	NA	rs70947237	NA
chr5	13701536	13701536	T	C	exonic	DNAH5	nonsynonymous SNV	DNAH5:NM_001369:exon77:c.A13348G:p.I4450V	NA	rs3734110	B
chr5	16673975	16673975	C	G	exonic	MYO10	nonsynonymous SNV	MYO10:NM_012334:exon36:c.G4988C:p.S1663T	NA	rs25901	NA
chr5	31317952	31317952	T	C	exonic	CDH6	synonymous SNV	CDH6:NM_004932:exon11:c.T1803C:p.H601H	NA	rs2229575	NA
chr5	40964885	40964885	A	T	exonic	C7	nonsynonymous SNV	C7:NM_000587:exon14:c.A1792T:p.T598S	NA	rs60714178	NA
chr5	42756940	42756940	C	T	UTR5	CCDC152	NA	NA	NA	rs3797310	NA
chr5	55206444	55206444	G	A	exonic	IL31RA	nonsynonymous SNV	i29N,IL31RA:NM_139017:exon12:c.G1586A:p.S529N,IL31	NA	rs161704	P
chr5	59825300	59825300	T	C	ncRNA_exonic	PART1	NA	NA	NA	rs26949	NA
chr5	59842971	59842971	A	G	ncRNA_exonic	PART1	NA	NA	NA	rs153152	NA
chr5	64963082	64963082	-	CT	UTR3	SGTB	NA	NA	NA	rs2067306	NA
chr5	64963466	64963469	TTTG	-	UTR3	SGTB	NA	NA	NA	rs33916729	NA
chr5	68739819	68739819	G	A	intergenic	!(dist=1929),OCLN(c	NA	NA	NA	NA	NA
chr5	75948650	75948650	A	G	exonic	IQGAP2	nonsynonymous SNV	IQGAP2:NM_006633:exon18:c.A2170G:p.I724V	NA	rs2431363	B
chr5	76003258	76003258	C	T	UTR3	IQGAP2	NA	NA	NA	rs464494	NA
chr5	78181577	78181577	T	C	exonic	ARSB	synonymous SNV	46:exon5:c.A972G:p.G324G,ARSB:NM_198709:exon6:c.A	NA	rs72762973	NA
chr5	79048562	79048562	C	T	exonic	CMYA5	synonymous SNV	CMYA5:NM_153610:exon6:c.C11055T:p.F3685F	ID=COSM149872;OCCURENCE=1(stomach)	rs1366272	NA
chr5	82936729	82936729	T	-	UTR3	HAPLN1	NA	NA	NA	NA	NA
chr5	95115959	95115959	C	T	exonic	RHOBTB3	nonsynonymous SNV	RHOBTB3:NM_014899:exon9:c.C1286T:p.T429M	NA	rs41276257	P
chr5	96111228	96111228	A	G	UTR3	ERAP1	NA	NA	NA	rs3198304	NA
chr5	96111801	96111801	-	TG	UTR3	ERAP1	NA	NA	NA	rs148692674	NA
chr5	96111927	96111927	-	.CATTTCATG,	UTR3	ERAP1	NA	NA	NA	rs142866043	NA
chr5	96322360	96322360	G	A	exonic	LNPEP	nonsynonymous SNV	i75:exon4:c.G1117A:p.V373I,LNPEP:NM_175920:exon4:c.	NA	rs41276279	B
chr5	96429323	96429323	-	A	UTR3	LIX1	NA	NA	NA	NA	NA
chr5	1.22E+08	1.22E+08	.CACACACA	-	UTR3	SNX2	NA	NA	NA	rs138443824	NA
chr5	1.26E+08	1.26E+08	-	TTT	UTR3	ALDH7A1	NA	NA	NA	NA	NA

chr5	1.28E+08	1.28E+08	G	C	exonic	FBN2	synonymous SNV	FBN2:NM_001999:exon1:c.C183G:p.P61P	NA	rs73348287	NA
chr5	1.31E+08	1.31E+08	ACACACAC	-	UTR3	LYRM7	NA	NA	NA	rs36230431	NA
chr5	1.31E+08	1.31E+08	G	T	UTR3	CDC42SE2	NA	NA	NA	NA	NA
chr5	1.32E+08	1.32E+08	C	T	exonic	SLC22A4	nonsynonymous SNV	SLC22A4:NM_003059:exon9:c.C1507T:p.L503F	NA	rs1050152	B
chr5	1.32E+08	1.32E+08	A	G	UTR3	UQCRQ	NA	NA	NA	rs17166297	NA
chr5	1.32E+08	1.32E+08	G	A	UTR3	UQCRQ	NA	NA	NA	rs17624157	NA
chr5	1.36E+08	1.36E+08	-	AA	UTR3	SMAD5	NA	NA	NA	NA	NA
chr5	1.37E+08	1.37E+08	G	A	exonic	PKD2L2	nonsynonymous SNV	8448:exon8:c.G1144A:p.V382I,PKD2L2:NM_014386:exon1	NA	rs1880458	B
chr5	1.39E+08	1.39E+08	T	A	UTR5	MATR3	NA	NA	NA	rs12153162	NA
chr5	1.41E+08	1.41E+08	A	C	UTR3	PCDHB6	NA	NA	NA	rs56172324	NA
chr5	1.41E+08	1.41E+08	C	T	UTR3	PCDHB9	NA	NA	NA	rs2907325	NA
chr5	1.44E+08	1.44E+08	T	-	UTR3	YIPF5	NA	NA	NA	rs144356469	NA
chr5	1.45E+08	1.45E+08	C	T	exonic	SH3RF2	nonsynonymous SNV	SH3RF2:NM_152550:exon5:c.C799T:p.R267C	NA	rs758037	D
chr5	1.46E+08	1.46E+08	G	A	exonic	LARS	synonymous SNV	LARS:NM_020117:exon28:c.C2889T:p.N963N	NA	rs11540216	NA
chr5	1.46E+08	1.46E+08	G	A	exonic	LARS	synonymous SNV	LARS:NM_020117:exon19:c.C1747T:p.L583L	NA	rs11540217	NA
chr5	1.46E+08	1.46E+08	A	G	exonic	TCERG1	synonymous SNV	36:exon21:c.A3057G:p.S1019S,TCERG1:NM_006706:exon	NA	rs4705103	NA
chr5	1.51E+08	1.51E+08	A	G	exonic	GM2A	nonsynonymous SNV	35:exon2:c.A205G:p.M69V,GM2A:NM_001167607:exon2	NA	rs153478	B
chr5	1.51E+08	1.51E+08	G	A	exonic	SLC36A2	synonymous SNV	SLC36A2:NM_181776:exon2:c.C187T:p.L63L	NA	rs192192	NA
chr5	1.54E+08	1.54E+08	C	T	UTR3	FAXDC2	NA	NA	NA	rs4865	NA
chr5	1.54E+08	1.54E+08	C	T	UTR3	MRPL22	NA	NA	NA	rs286595	NA
chr5	1.59E+08	1.59E+08	A	-	UTR5	EBF1	NA	NA	NA	rs5872586	NA
chr5	1.6E+08	1.6E+08	-	A	UTR3	PWWP2A	NA	NA	NA	NA	NA
chr5	1.72E+08	1.72E+08	C	T	exonic	STK10	synonymous SNV	STK10:NM_005990:exon6:c.G756A:p.S252S	NA	rs2306962	NA
chr5	1.75E+08	1.75E+08	G	A	exonic	THOC3	synonymous SNV	THOC3:NM_032361:exon2:c.C357T:p.S119S	NA	rs200408233	NA
chr5	1.76E+08	1.76E+08	A	G	UTR3	TSPAN17	NA	NA	NA	NA	NA
chr5	1.77E+08	1.77E+08	A	C	intronic	FAM193B	NA	NA	NA	NA	NA
chr5	1.78E+08	1.78E+08	T	C	exonic	RMND5B	synonymous SNV	RMND5B:NM_022762:exon9:c.T888C:p.P296P	NA	rs61751561	NA
chr5	1.78E+08	1.78E+08	T	C	exonic	ZNF354B	synonymous SNV	ZNF354B:NM_058230:exon4:c.T243C:p.G81G	ID=COSM150026;OCCURENCE=1(stomach)	rs11952817	NA
chr5	1.79E+08	1.79E+08	G	A	exonic	SQSTM1	synonymous SNV	R,SQSTM1:NM_001142298:exon7:c.G684A:p.R228R,SQST	NA	rs4797	NA
chr5	1.8E+08	1.8E+08	A	G	intronic	ZFP62	NA	NA	NA	rs2127380	NA
chr6	6007196	6007196	G	-	UTR5	NRN1	NA	NA	NA	rs11285278	NA
chr6	7283735	7283735	C	T	UTR3	SSR1	NA	NA	NA	rs111496266	NA
chr6	7283759	7283759	T	C	UTR3	SSR1	NA	NA	NA	rs9505115	NA
chr6	7288297	7288297	G	A	UTR3	SSR1	NA	NA	NA	rs8955	NA
chr6	7289958	7289958	CA	-	UTR3	SSR1	NA	NA	NA	rs16740	NA
chr6	7576527	7576527	G	A	exonic	DSP	synonymous SNV	144:exon19:c.G2631A:p.R877R,DSP:NM_004415:exon19:c	NA	rs1016835	NA
chr6	7611993	7611998	TTTCTG	-	UTR3	SNRNP48	NA	NA	NA	rs146960918	NA
chr6	11714214	11714215	AA	-	UTR3	ADTRP	NA	NA	NA	NA	NA
chr6	13579828	13579828	A	C	UTR5	SIRT5	NA	NA	NA	rs2804911	NA
chr6	15521302	15521302	-	AAA	UTR3	JARID2	NA	NA	NA	rs34405141	NA
chr6	15523807	15523807	T	A	UTR3	DTNBP1	NA	NA	NA	rs55944541	NA
chr6	16327864	16327864	-	TGC	exonic	ATXN1	nonframeshift insertion	8_679insGCA:p.H226delinsQH,ATXN1:NM_000332:exon8	NA	NA	NA
chr6	17799575	17799575	A	G	exonic	KIF13A	synonymous SNV	367:exon22:c.T2712C:p.A904A,KIF13A:NM_001105568:ex	NA	rs3734235	NA
chr6	18467582	18467582	A	G	UTR3	RNF144B	NA	NA	NA	rs531972	NA
chr6	20534770	20534770	C	T	UTR5	CDKAL1	NA	NA	NA	NA	NA
chr6	21201493	21201493	G	A	exonic	CDKAL1	synonymous SNV	CDKAL1:NM_017774:exon15:c.G1536A:p.S512S	NA	rs9465994	NA
chr6	21594175	21594175	C	T	UTR5	SOX4	NA	NA	NA	NA	NA
chr6	21597712	21597712	A	T	UTR3	SOX4	NA	NA	NA	NA	NA
chr6	24805465	24805466	AA	-	UTR3	FAM65B	NA	NA	NA	rs67150453	NA
chr6	29640095	29640111	AAATAAAT	-	UTR3	MOG	NA	NA	NA	NA	NA
chr6	29867070	29867070	T	A	intergenic	st=8214),HCG4B(dis	NA	NA	NA	rs9259499	NA
chr6	29867247	29867247	A	C	intergenic	st=8391),HCG4B(dis	NA	NA	NA	rs3128995	NA
chr6	29911970	29911970	G	A	exonic	HLA-A	nonsynonymous SNV	12758:exon4:c.G691A:p.G231S,HLA-A:NM_002116:exon4:	NA	rs1059578	B
chr6	29912087	29912087	G	T	exonic	HLA-A	nonsynonymous SNV	12758:exon4:c.G808T:p.A270S,HLA-A:NM_002116:exon4:	NA	rs1059632	B
chr6	30078330	30078330	C	T	exonic	TRIM31	synonymous SNV	TRIM31:NM_007028:exon4:c.G639A:p.A213A	NA	rs2239529	NA
chr6	30232538	30232538	G	T	ncRNA_exonic	HLA-L	NA	NA	NA	rs28780091	NA
chr6	30232672	30232672	C	T	ncRNA_exonic	HLA-L	NA	NA	NA	rs3129701	NA
chr6	30954334	30954334	C	A	exonic	MUC21	nonsynonymous SNV	MUC21:NM_001010909:exon2:c.C382A:p.P128T	ID=COSM1186994;OCCURENCE=1(lung)	rs143481246	NA
chr6	31026534	31026534	C	T	ncRNA_intronic	HCG22	NA	NA	NA	rs2523847	NA
chr6	31088202	31088202	A	G	UTR5	CDSN	NA	NA	NA	rs2302399	NA
chr6	31237767	31237767	T	C	exonic	HLA-C	nonsynonymous SNV	3042:exon5:c.A991G:p.M331V,HLA-C:NM_002117:exon5:	NA	rs1130935	B
chr6	31237774	31237774	G	C	exonic	HLA-C	synonymous SNV	3042:exon5:c.C984G:p.V328V,HLA-C:NM_002117:exon5:	NA	rs41540512	NA

chr6	31905130	31905130	G	A	exonic	C2	synonymous SNV	.A127A,C2:NM_001145903:exon6:c.G627A:p.A209A,C2:N	NA	rs1042663	NA
chr6	32714901	32714901	C	T	downstream	HLA-DQA2	NA	NA	NA	rs9276442	NA
chr6	33037419	33037419	G	A	exonic	HLA-DPA1	synonymous SNV	,HLA-DPA1:NM_001242524:exon3:c.C345T;p.N115N,HLA	NA	rs1126543	NA
chr6	33037424	33037424	T	C	exonic	HLA-DPA1	nonsynonymous SNV	,HLA-DPA1:NM_001242524:exon3:c.A340G:p.T114A,HLA	NA	rs1126542	B
chr6	33037639	33037639	G	A	exonic	HLA-DPA1	nonsynonymous SNV	v,HLA-DPA1:NM_001242524:exon3:c.C125T:p.A42V,HLA-	ID=COSM328641;OCCURENCE=4(kidney)	rs1126534	B
chr6	33037640	33037640	C	T	exonic	HLA-DPA1	nonsynonymous SNV	T,HLA-DPA1:NM_001242524:exon3:c.G124A:p.A42T,HLA-	NA	rs1126533	B
chr6	33054331	33054331	T	C	UTR3	HLA-DPB1	NA	NA	NA	rs1126723	NA
chr6	33054550	33054550	G	A	UTR3	HLA-DPB1	NA	NA	NA	rs931	NA
chr6	33054552	33054552	C	G	UTR3	HLA-DPB1	NA	NA	NA	rs928	NA
chr6	33179686	33179686	T	G	exonic	RING1	synonymous SNV	RING1:NM_002931:exon6:c.T1026G:p.G342G	NA	NA	NA
chr6	35549193	35549193	-	CATGGTGA	UTR3	FKBP5	NA	NA	NA	NA	NA
chr6	39048491	39048491	A	C	exonic	GLP1R	synonymous SNV	GLP1R:NM_002062:exon12:c.A1200C:p.I400I	NA	rs1126476	NA
chr6	43586698	43586698	-	G	UTR3	POLH	NA	NA	NA	NA	NA
chr6	45517740	45517741	TT	-	UTR3	RUNX2	NA	NA	NA	NA	NA
chr6	46726915	46726915	C	A	UTR3	ANKRD66	NA	NA	NA	rs9472840	NA
chr6	52360331	52360331	G	A	UTR3	EFHC1	NA	NA	NA	rs3789771	NA
chr6	57512775	57512775	T	G	UTR3	PRIM2	NA	NA	NA	rs7773110	NA
chr6	57512779	57512779	G	T	UTR3	PRIM2	NA	NA	NA	rs76296076	NA
chr6	57512903	57512903	C	A	UTR3	PRIM2	NA	NA	NA	rs75209982	NA
chr6	57513126	57513126	C	G	UTR3	PRIM2	NA	NA	NA	rs56375552	NA
chr6	57513182	57513182	A	G	UTR3	PRIM2	NA	NA	NA	rs1801400	NA
chr6	87993555	87993555	T	-	UTR3	GJB7	NA	NA	NA	NA	NA
chr6	89888744	89888744	C	T	exonic	GABRR1	synonymous SNV	:exon10:c.G1185A:p.A395A,GABRR1:NM_001256704:exo	NA	rs1796743	NA
chr6	97592942	97592942	-	C	ncRNA_UTR3	MMS22L	NA	NA	NA	NA	NA
chr6	99956560	99956560	T	C	exonic	USP45	nonsynonymous SNV	USP45:NM_001080481:exon3:c.A199G:p.K67E	ID=COSM150144;OCCURENCE=1(stomach)	rs7744845	D
chr6	1.07E+08	1.07E+08	G	A	UTR5	RTN4IP1	NA	NA	NA	rs9384625	NA
chr6	1.07E+08	1.07E+08	AA	-	UTR3	BEND3	NA	NA	NA	rs200868848	NA
chr6	1.08E+08	1.08E+08	T	G	UTR3	SEC63	NA	NA	NA	rs592989	NA
chr6	1.1E+08	1.1E+08	G	C	UTR3	PPIL6	NA	NA	NA	rs746794	NA
chr6	1.12E+08	1.12E+08	T	A	UTR3	LAMA4	NA	NA	NA	rs7758715	NA
chr6	1.12E+08	1.12E+08	C	T	UTR3	LAMA4	NA	NA	NA	rs7738331	NA
chr6	1.3E+08	1.3E+08	T	G	UTR3	L3MBTL3	NA	NA	NA	NA	NA
chr6	1.33E+08	1.33E+08	A	G	ncRNA_exonic	VNN3	NA	NA	NA	rs2294759	NA
chr6	1.35E+08	1.35E+08	-	T	UTR3	HBS1L	NA	NA	NA	NA	NA
chr6	1.39E+08	1.39E+08	AA	-	UTR3	NHSL1	NA	NA	NA	NA	NA
chr6	1.39E+08	1.39E+08	C	T	exonic	CCDC28A	synonymous SNV	CCDC28A:NM_015439:exon1:c.C126T:p.S42S	NA	rs11154999	NA
chr6	1.44E+08	1.44E+08	A	G	UTR3	ADAT2	NA	NA	NA	rs9496619	NA
chr6	1.51E+08	1.51E+08	A	G	UTR3	MTHFD1L	NA	NA	NA	rs7646	NA
chr6	1.51E+08	1.51E+08	G	A	UTR3	MTHFD1L	NA	NA	NA	rs7543	NA
chr6	1.54E+08	1.54E+08	C	T	exonic	OPRM1	synonymous SNV	OPRM1:NM_001008505:exon4:c.C1333T:p.L445L	NA	rs562859	NA
chr6	1.55E+08	1.55E+08	G	A	exonic	TIAM2	synonymous SNV	TIAM2:NM_012454:exon7:c.G2034A:p.Q678Q	NA	rs1032141	NA
chr6	1.59E+08	1.59E+08	G	A	UTR3	GTF2H5	NA	NA	NA	rs9457163	NA
chr6	1.61E+08	1.61E+08	C	T	exonic	SLC22A2	synonymous SNV	SLC22A2:NM_003058:exon10:c.G1506A:p.V502V	NA	rs316003	NA
chr6	1.62E+08	1.62E+08	G	T	UTR3	PARK2	NA	NA	NA	rs68121389	NA
chr6	1.67E+08	1.67E+08	T	C	UTR5	T	NA	NA	NA	rs3099266	NA
chr6	1.68E+08	1.68E+08	G	C	UTR5	CCR6	NA	NA	NA	rs1012656	NA
chr6	1.68E+08	1.68E+08	T	C	exonic	TCP10L2	synonymous SNV	TCP10L2:NM_001145121:exon8:c.T1029C:p.H343H	NA	rs202096111	NA
chr6	1.68E+08	1.68E+08	G	A	exonic	FRMD1	synonymous SNV	FRMD1:NM_024919:exon1:c.C171T:p.L57L	NA	rs34054991	NA
chr6	1.7E+08	1.7E+08	C	T	exonic	THBS2	synonymous SNV	THBS2:NM_003247:exon6:c.G777A:p.S259S	NA	rs61730651	NA
chr7	537560	537560	T	A	UTR3	PDGFA	NA	NA	NA	NA	NA
chr7	2567705	2567705	A	G	UTR3	LFNG	NA	NA	NA	NA	NA
chr7	2567715	2567715	T	G	UTR3	LFNG	NA	NA	NA	NA	NA
chr7	9673930	9673930	G	-	ncRNA_exonic	PER4	NA	NA	NA	rs5882228	NA
chr7	9675063	9675063	C	A	ncRNA_exonic	PER4	NA	NA	NA	NA	NA
chr7	12370657	12370657	A	G	UTR3	VWDE	NA	NA	NA	rs2253353	NA
chr7	12370703	12370703	T	-	UTR3	VWDE	NA	NA	NA	rs3217131	NA
chr7	12370794	12370794	T	C	UTR3	VWDE	NA	NA	NA	rs1059002	NA
chr7	15725798	15725800	TGG	-	exonic	MEOX2	nonframeshift deletion	MEOX2:NM_005924:exon1:c.228_230del:p.76_77del	ID=COSM150907;OCCURENCE=1(stomach),1(oesophagus)	rs113582077	NA
chr7	15726117	15726117	-	TT	UTR5	MEOX2	NA	NA	NA	NA	NA
chr7	15726129	15726129	A	C	UTR5	MEOX2	NA	NA	NA	rs11975534	NA
chr7	16666759	16666759	G	C	exonic	ANKMY2	synonymous SNV	ANKMY2:NM_020319:exon3:c.C177G:p.L59L	NA	rs11531477	NA
chr7	21599233	21599233	C	T	exonic	DNAH11	synonymous SNV	DNAH11:NM_001277115:exon4:c.C705T:p.N235N	NA	rs10950854	NA

chr7	23531029	23531029	-	AA	ncRNA_exonic	RPS2P32	NA	NA	NA	NA	NA
chr7	25219341	25219341	C	T	UTR5	C7orf31	NA	NA	NA	rs117565579	NA
chr7	35131355	35131355	-	TG	ncRNA_intronic	DPY19L2P1	NA	NA	NA	rs146160027	NA
chr7	38725698	38725698	A	C	ncRNA_exonic	FAM183B	NA	NA	NA	NA	NA
chr7	44842433	44842434	AA	-	UTR3	PPIA	NA	NA	NA	rs17860097	NA
chr7	44868971	44868971	G	A	UTR3	H2AFV	NA	NA	NA	rs66566005	NA
chr7	45123457	45123457	C	T	exonic	NACAD	synonymous SNV	NACAD:NM_001146334:exon2:c.G2322A:p.S774S	NA	rs62457076	NA
chr7	65159983	65159983	A	G	ncRNA_exonic	INTS4L2	NA	NA	NA	rs147104756	NA
chr7	73818404	73818404	C	T	UTR3	CLIP2	NA	NA	NA	rs2240436	NA
chr7	75165018	75165018	G	A	UTR3	HIP1	NA	NA	NA	rs1167829	NA
chr7	76669085	76669085	T	A	ncRNA_exonic	LOC100132832	NA	NA	ID=COSN405014;OCCURENCE=1(lung)	NA	NA
chr7	91875204	91875204	T	C	UTR5	KRIT1	NA	NA	NA	NA	NA
chr7	92775019	92775019	T	C	UTR5	SAMD9L	NA	NA	NA	rs28662	NA
chr7	98792835	98792835	G	A	exonic	KPNA7	synonymous SNV	KPNA7:NM_001145715:exon4:c.C411T:p.A137A	NA	rs61751722	NA
chr7	1E+08	1E+08	T	C	exonic	ZAN	unknown	UNKNOWN	NA	NA	NA
chr7	1.01E+08	1.01E+08	C	G	exonic	MUC12	nonsynonymous SNV	MUC12:NM_001164462:exon2:c.C8078G:p.P2693R	NA	NA	NA
chr7	1.01E+08	1.01E+08	G	A	exonic	MUC12	synonymous SNV	MUC12:NM_001164462:exon2:c.G9999A:p.P3333P	NA	rs199843676	NA
chr7	1.01E+08	1.01E+08	G	A	exonic	COL26A1	unknown	UNKNOWN	NA	rs17393069	NA
chr7	1.03E+08	1.03E+08	A	G	exonic	RELN	synonymous SNV	RELN:NM_001173054:exon50:c.T7887C:p.P2629P,RELN:NM_173054:exon50:c.	NA	rs56345626	NA
chr7	1.08E+08	1.08E+08	A	G	UTR5	LAMB1	NA	NA	NA	rs2070917	NA
chr7	1.18E+08	1.18E+08	G	C	UTR5	NAA38	NA	NA	NA	rs2896242	NA
chr7	1.3E+08	1.3E+08	-	TG	UTR3	CPA4	NA	NA	NA	NA	NA
chr7	1.3E+08	1.3E+08	A	-	UTR3	COPG2	NA	NA	NA	rs61354155	NA
chr7	1.35E+08	1.35E+08	C	T	exonic	WDR91	synonymous SNV	WDR91:NM_014149:exon14:c.G2028A:p.S676S	NA	rs292557	NA
chr7	1.38E+08	1.38E+08	A	T	UTR3	SVOP1	NA	NA	NA	rs1439793	NA
chr7	1.42E+08	1.42E+08	T	C	exonic	PRSS2	unknown	UNKNOWN	NA	NA	NA
chr7	1.43E+08	1.43E+08	C	T	exonic	CLCN1	synonymous SNV	CLCN1:NM_000083:exon17:c.C2154T:p.D718D	NA	rs2272251	NA
chr7	1.43E+08	1.43E+08	T	C	exonic	EPHA1	synonymous SNV	EPHA1:NM_005232:exon17:c.A2742G:p.P914P	NA	rs1804527	NA
chr7	1.53E+08	1.53E+08	C	T	exonic	ACTR3B	nonsynonymous SNV	ACTR3B:NM_020445:exon8:c.C748T:p.R250W,ACTR3B:NM_020445:exon	NA	rs140327402	B
chr7	1.55E+08	1.55E+08	T	G	UTR3	CNPY1	NA	NA	NA	rs112409058	NA
chr7	1.55E+08	1.55E+08	A	G	UTR5	CNPY1	NA	NA	NA	rs6947243	NA
chr8	1733482	1733482	C	G	UTR3	CLN8	NA	NA	NA	rs111861349	NA
chr8	6793581	6793581	A	G	exonic	DEFA4	synonymous SNV	DEFA4:NM_001925:exon3:c.T255C:p.G85G	NA	rs2738100	NA
chr8	10466031	10466031	A	C	exonic	RP1L1	nonsynonymous SNV	RP1L1:NM_178857:exon4:c.T5577G:p.D1859E	ID=COSM748980;OCCURENCE=1(lung)	NA	NA
chr8	12886083	12886083	C	T	UTR3	KIAA1456	NA	NA	NA	rs7464342	NA
chr8	22069386	22069386	T	C	UTR3	BMP1	NA	NA	NA	rs7001	NA
chr8	22546609	22546609	G	A	UTR3	EGR3	NA	NA	NA	NA	NA
chr8	22900701	22900701	G	A	exonic	TNFRSF10B	nonsynonymous SNV	TNFRSF10B:NM_147187:exon2:c.C200T:p.A67V,TNFRSF10B:NM_147187:exon	NA	rs1047266	P
chr8	23190941	23190941	T	C	exonic	LOXL2	synonymous SNV	LOXL2:NM_002318:exon5:c.A939G:p.S313S	NA	rs1010156	NA
chr8	23536563	23536563	-	T	UTR3	NKX3-1	NA	NA	NA	NA	NA
chr8	33356074	33356074	A	G	exonic	MAK16	nonsynonymous SNV	MAK16:NM_032509:exon10:c.A830G:p.Q277R	NA	rs6468171	B
chr8	38033989	38033989	G	C	UTR5	LSM1	NA	NA	NA	rs2270376	NA
chr8	39311600	39311600	C	T	ncRNA_exonic	ADAM3A	NA	NA	NA	rs7813010	NA
chr8	40438757	40438757	T	C	exonic	ZMAT4	nonsynonymous SNV	ZMAT4:NM_024645:exon5:c.A373G:p.T125A,ZMAT4:NM_024645:exon	ID=COSM1179839;OCCURENCE=1(prostate)	rs17851751	B
chr8	52730987	52730987	C	A	UTR3	PCMTD1	NA	NA	NA	rs201437100	NA
chr8	75946695	75946695	T	G	UTR3	CRISPLD1	NA	NA	NA	rs13248650	NA
chr8	76476959	76476959	C	A	UTR3	HNF4G	NA	NA	NA	rs2941479	NA
chr8	76478991	76478991	G	A	UTR3	HNF4G	NA	NA	NA	rs11774375	NA
chr8	82712242	82712242	-	AA	UTR3	SNX16	NA	NA	NA	NA	NA
chr8	87666251	87666251	T	G	exonic	CNGB3	nonsynonymous SNV	CNGB3:NM_019098:exon7:c.A892C:p.T298P	NA	rs4961206	B
chr8	90914272	90914272	A	G	UTR5	OSGIN2	NA	NA	NA	rs2250670	NA
chr8	1.04E+08	1.04E+08	G	A	exonic	ODF1	nonsynonymous SNV	ODF1:NM_024410:exon2:c.G647A:p.S216N	NA	rs2916569	NA
chr8	1.21E+08	1.21E+08	C	G	exonic	TAF2	nonsynonymous SNV	TAF2:NM_003184:exon11:c.G1340C:p.S447T	ID=COSM150523;OCCURENCE=1(stomach)	rs9297605	B
chr8	1.23E+08	1.23E+08	T	A	ncRNA_UTR5	HAS2	NA	NA	NA	rs3853253	NA
chr8	1.31E+08	1.31E+08	A	G	exonic	FAM49B	synonymous SNV	FAM49B:NM_001256763:exon8:c.T585C:p.T195T,FAM49B:NM_001256763:exon	NA	rs1051893	NA
chr8	1.34E+08	1.34E+08	G	A	exonic	TG	nonsynonymous SNV	TG:NM_003235:exon44:c.G7589A:p.R2530Q	NA	rs1133076	B
chr8	1.34E+08	1.34E+08	T	-	UTR3	ST3GAL1	NA	NA	NA	rs61689158	NA
chr8	1.42E+08	1.42E+08	A	G	exonic	SLC45A4	synonymous SNV	SLC45A4:NM_001080431:exon7:c.T2070C:p.G690G	NA	rs7017848	NA
chr8	1.42E+08	1.42E+08	T	C	ncRNA_exonic	LOC731779	NA	NA	NA	rs6987289	NA
chr8	1.45E+08	1.45E+08	CT	-	UTR3	FAM83H	NA	NA	NA	rs34283115	NA
chr8	1.45E+08	1.45E+08	G	T	UTR3	GRINA	NA	NA	NA	rs9100	NA
chr9	2029199	2029199	G	A	exonic	SMARCA2	synonymous SNV	SMARCA2:NM_139045:exon2:c.G177A:p.T59T,SMARCA2:NM_139045:exon	NA	rs10964471	NA

chr9	4622453	4622453	T	C	exonic	SPATA6L	nonsynonymous SNV	SPATA6L:NM_001039395:exon6:c.A553G:p.R185G	NA	rs10974657	P
chr9	12775861	12775861	-	GCGGGCGG	exonic	LURAP1L	nonframeshift insertion	:NM_203403:exon1:c.147_148insGGCGGGCGG:p.G49deli	NA	rs139315731	NA
chr9	14993419	14993419	G	T	ncRNA_exonic	LOC389705	NA	NA	NA	rs4548277	NA
chr9	17273731	17273731	A	G	exonic	CNTLN	nonsynonymous SNV	.4395:exon6:c.A850G:p.T284A,CNTLN:NM_017738:exon6	NA	rs3808795	B
chr9	19060197	19060197	A	T	exonic	HAUS6	nonsynonymous SNV	890:exon15:c.T1549A:p.S517T,HAUS6:NM_017645:exon1	NA	rs41269003	D
chr9	20346377	20346377	-	A	UTR3	MLLT3	NA	NA	NA	NA	NA
chr9	27062666	27062666	G	A	exonic	IFT74	nonsynonymous SNV	79M,IFT74:NM_001099223:exon20:c.G1735A:p.V579M,I	NA	rs138591335	P
chr9	27205021	27205021	G	A	exonic	TEK	synonymous SNV	TEK:NM_000459:exon14:c.G2322A:p.R774R	NA	rs542913	NA
chr9	33111199	33111199	C	T	UTR3	B4GALT1	NA	NA	NA	rs74995636	NA
chr9	33386465	33386465	A	G	exonic	AQP7	nonsynonymous SNV	AQP7:NM_001170:exon5:c.T343C:p.Y115H	NA	rs74668961	B
chr9	38398153	38398153	A	T	UTR3	ALDH1B1	NA	NA	NA	rs74363930	NA
chr9	41952522	41952522	T	A	ncRNA_exonic	MGC21881	NA	NA	NA	rs62539305	NA
chr9	41953020	41953020	T	C	ncRNA_exonic	MGC21881	NA	NA	NA	rs201318708	NA
chr9	41960898	41960898	G	T	ncRNA_exonic	KGFLP2	NA	NA	NA	rs201761160	NA
chr9	66501326	66501326	T	C	ncRNA_exonic	TGER4P2-CDK2AP2F	NA	NA	NA	rs28692535	NA
chr9	66501329	66501329	C	G	ncRNA_exonic	TGER4P2-CDK2AP2F	NA	NA	NA	rs201855807	NA
chr9	67281729	67281729	G	A	ncRNA_exonic	AQP7P1	NA	NA	NA	rs9696090	NA
chr9	69663721	69663721	C	G	ncRNA_exonic	LOC100133920	NA	NA	NA	rs199847383	NA
chr9	69664842	69664842	T	A	ncRNA_exonic	LOC100133920	NA	NA	NA	rs75601058	NA
chr9	70175764	70175764	A	G	UTR3	FOXD4L5	NA	NA	NA	rs201445301	NA
chr9	70175856	70175856	C	T	UTR3	FOXD4L5	NA	NA	NA	rs187159666	NA
chr9	77407636	77407636	C	T	exonic	TRPM6	synonymous SNV	09Q,TRPM6:NM_001177311:exon19:c.G2427A:p.Q809Q,	NA	rs4145894	NA
chr9	87285595	87285595	C	G	UTR5	NTRK2	NA	NA	NA	rs1187325	NA
chr9	88959938	88959938	C	T	exonic	ZCCHC6	synonymous SNV	L317L,ZCCHC6:NM_001185074:exon5:c.G951A:p.L317L,Z	NA	rs791323	NA
chr9	89763574	89763574	A	C	UTR5	C9orf170	NA	NA	NA	rs461126	NA
chr9	94985637	94985637	T	C	exonic	IARS	nonsynonymous SNV	:exon32:c.A3544G:p.K1182E,IARS:NM_013417:exon32:c.	NA	rs556155	B
chr9	1E+08	1E+08	T	C	exonic	TDRD7	nonsynonymous SNV	TDRD7:NM_014290:exon4:c.T449C:p.V150A	ID=COSM150645;OCCURENCE=1(stomach)	rs2045732	B
chr9	1.02E+08	1.02E+08	A	C	UTR5	SEC61B	NA	NA	NA	NA	NA
chr9	1.13E+08	1.13E+08	C	T	UTR3	PALM2	NA	NA	NA	rs10816907	NA
chr9	1.16E+08	1.16E+08	C	A	UTR5	ZNF883	NA	NA	NA	rs1324934	NA
chr9	1.17E+08	1.17E+08	A	G	exonic	AKNA	nonsynonymous SNV	AKNA:NM_030767:exon21:c.T3907C:p.S1303P	NA	rs2250242	B
chr9	1.17E+08	1.17E+08	A	G	exonic	DFNB31	synonymous SNV	8G,DFNB31:NM_001173425:exon6:c.T1353C:p.G451G,DI	NA	rs4979387	NA
chr9	1.23E+08	1.23E+08	C	G	exonic	CDK5RAP2	nonsynonymous SNV	0L,CDK5RAP2:NM_001011649:exon31:c.G4618C:p.V1540	NA	rs4837768	B
chr9	1.27E+08	1.27E+08	G	A	exonic	GPR144	nonsynonymous SNV	GPR144:NM_001161808:exon10:c.G1694A:p.S565N	NA	NA	NA
chr9	1.32E+08	1.32E+08	T	C	exonic	TBC1D13	nonsynonymous SNV	TBC1D13:NM_018201:exon8:c.T569C:p.V190A	NA	rs1572912	B
chr9	1.33E+08	1.33E+08	T	G	UTR3	TOR1B	NA	NA	NA	rs1220509	NA
chr9	1.35E+08	1.35E+08	G	T	UTR3	SETX	NA	NA	NA	rs11787894	NA
chr9	1.36E+08	1.36E+08	C	T	exonic	RALGDS	synonymous SNV	08V,RALGDS:NM_001271775:exon3:c.G372A:p.V124V,R	NA	rs3761824	NA
chr9	1.36E+08	1.36E+08	C	T	exonic	ADAMTSL2	synonymous SNV	320:exon17:c.C2436T:p.R812R,ADAMTSL2:NM_014694:e	NA	rs147931149	NA
chr9	1.38E+08	1.38E+08	-	C	UTR3	OBP2A	NA	NA	NA	rs112851559	NA
chr10	1205801	1205801	C	A	ncRNA_exonic	LINC00200	NA	NA	NA	rs12763661	NA
chr10	1228330	1228330	G	T	UTR3	ADARB2	NA	NA	NA	rs1129226	NA
chr10	3172145	3172145	C	T	exonic	PFKP	synonymous SNV	:exon17:c.C1818T:p.F606F,PFKP:NM_001242339:exon19:	NA	rs1052337	NA
chr10	3208566	3208566	C	T	exonic	PITRM1	synonymous SNV	Q59Q,PITRM1:NM_001242307:exon4:c.G273A:p.Q91Q,PI	NA	rs114690446	NA
chr10	3208567	3208567	T	G	exonic	PITRM1	nonsynonymous SNV	.Q59P,PITRM1:NM_001242307:exon4:c.A272C:p.Q91P,PI	NA	rs28416720	NA
chr10	7285632	7285632	A	G	exonic	SFMBT2	synonymous SNV	39:exon9:c.T1008C:p.D336D,SFMBT2:NM_001029880:ex	NA	rs2248474	NA
chr10	7780655	7780655	G	A	exonic	ITIH2	nonsynonymous SNV	ITIH2:NM_002216:exon16:c.G2029A:p.V677M	NA	rs188916946	B
chr10	16547058	16547058	A	G	exonic	PTER	synonymous SNV	.836:exon4:c.A738G:p.Q246Q,PTER:NM_001001484:exon	NA	rs7904014	NA
chr10	17088006	17088006	T	C	exonic	CUBN	synonymous SNV	CUBN:NM_001081:exon24:c.A3417G:p.L1139L	NA	rs1801228	NA
chr10	17130199	17130199	G	A	exonic	CUBN	synonymous SNV	CUBN:NM_001081:exon15:c.C1911T:p.L637L	NA	rs41289311	NA
chr10	18242311	18242311	A	G	exonic	SLC39A12	nonsynonymous SNV	.45195:exon2:c.A106G:p.S36G,SLC39A12:NM_152725:exc	NA	rs10764176	B
chr10	21807780	21807780	T	-	UTR5	SKIDA1	NA	NA	NA	rs112940679	NA
chr10	27224492	27224492	G	C	ncRNA_exonic	LINC00202-1	NA	NA	NA	rs11015390	NA
chr10	32580205	32580205	C	T	exonic	EPC1	nonsynonymous SNV	M287I,EPC1:NM_001272019:exon6:c.G648A:p.M216I,EP	NA	rs72789797	P
chr10	33165422	33165422	G	A	UTR3	C10orf68	NA	NA	NA	rs12217414	NA
chr10	33214802	33214802	A	G	exonic	ITGB1	synonymous SNV	C261C,ITGB1:NM_002211:exon6:c.T783C:p.C261C,ITGB1:	NA	rs2298141	NA
chr10	45649320	45649320	A	G	ncRNA_exonic	RSU1P2	NA	NA	NA	rs7478624	NA
chr10	50029121	50029121	C	T	exonic	WDFY4	synonymous SNV	WDFY4:NM_020945:exon34:c.C5724T:p.H1908H	NA	rs79406124	NA
chr10	65225899	65225899	-	GGCGGC	ncRNA_exonic	JMJD1C-AS1	NA	NA	NA	rs3841602	NA
chr10	71899708	71899708	A	G	exonic	TYSND1	nonsynonymous SNV	TYSND1:NM_173555:exon4:c.T1673C:p.L558P	NA	NA	B
chr10	72536921	72536921	A	G	exonic	TBATA	synonymous SNV	TBATA:NM_152710:exon7:c.T678C:p.D226D	NA	rs151019808	NA
chr10	73767481	73767481	A	C	exonic	CHST3	nonsynonymous SNV	CHST3:NM_004273:exon3:c.A692C:p.D231A	NA	NA	B

chr10	81114813	81114813	C	G	UTR3	PPIF	NA	NA	NA	rs8837	NA
chr10	82126808	82126808	C	G	UTR3	DYDC2	NA	NA	NA	rs1047952	NA
chr10	86018493	86018493	-	A	UTR3	RGR	NA	NA	NA	rs34014972	NA
chr10	89127510	89127523	GGACTGGC	-	ncRNA_exonic	NUTM2D	NA	NA	NA	NA	NA
chr10	90585819	90585819	G	A	exonic	ANKRD22	synonymous SNV	ANKRD22:NM_144590:exon4:c.C375T:p.G125G	NA	rs7893917	NA
chr10	1.02E+08	1.02E+08	C	T	exonic	PKD2L1	nonsynonymous SNV	3837:exon6:c.G1036A:p.V346I,PKD2L1:NM_016112:exon1	NA	rs2278842	P
chr10	1.04E+08	1.04E+08	C	A	UTR3	TMEM180	NA	NA	NA	rs10883724	NA
chr10	1.05E+08	1.05E+08	T	C	UTR3	CALHM1	NA	NA	NA	rs192524959	NA
chr10	1.14E+08	1.14E+08	A	G	ncRNA_exonic	GUCY2GP	NA	NA	NA	rs1887136	NA
chr10	1.16E+08	1.16E+08	C	G	UTR5	ABLIM1	NA	NA	NA	rs141394498	NA
chr10	1.17E+08	1.17E+08	T	C	exonic	FAM160B1	synonymous SNV	051:exon14:c.T1893C:p.F631F,FAM160B1:NM_020940:e	NA	rs3180654	NA
chr10	1.18E+08	1.18E+08	-	TT	UTR3	GFRA1	NA	NA	NA	NA	NA
chr10	1.18E+08	1.18E+08	-	G	exonic	PNLIPRP2	unknown	UNKNOWN	NA	NA	NA
chr10	1.18E+08	1.18E+08	A	G	UTR3	HSPA12A	NA	NA	NA	rs7084566	NA
chr10	1.19E+08	1.19E+08	T	C	ncRNA_exonic	EMX2OS	NA	NA	NA	rs2768325	NA
chr10	1.19E+08	1.19E+08	C	G	ncRNA_exonic	EMX2OS	NA	NA	NA	rs2768330	NA
chr10	1.2E+08	1.2E+08	G	-	UTR5	RAB11FIP2	NA	NA	NA	rs67350544	NA
chr10	1.25E+08	1.25E+08	G	A	UTR3	ACADSB	NA	NA	NA	rs1140593	NA
chr10	1.27E+08	1.27E+08	G	C	exonic	CTBP2	nonsynonymous SNV	CTBP2:NM_022802:exon1:c.C1615G:p.Q539E	NA	rs2946994	P
chr10	1.27E+08	1.27E+08	A	G	exonic	CTBP2	nonsynonymous SNV	CTBP2:NM_022802:exon1:c.T1363C:p.Y455H	NA	rs3012075	D
chr10	1.34E+08	1.34E+08	C	T	UTR3	LRRC27	NA	NA	NA	rs72863837	NA
chr10	1.34E+08	1.34E+08	A	G	UTR3	LRRC27	NA	NA	NA	rs72863838	NA
chr10	1.35E+08	1.35E+08	T	C	exonic	SYCE1	nonsynonymous SNV	SYCE1:NM_001143764:exon13:c.A962G:p.H321R	ID=COSM147095;OCCURENCE=1(stomach)	rs3737031	NA
chr10	1.35E+08	1.35E+08	A	T	exonic	FRG2B	nonsynonymous SNV	FRG2B:NM_001080998:exon1:c.T44A:p.I15N	NA	rs200661929	NA
chr11	128625	128625	A	G	ncRNA_exonic	LOC100133161	NA	NA	NA	NA	NA
chr11	237087	237087	A	G	exonic	PSMD13	nonsynonymous SNV	02817:exon1:c.A38G:p.N13S,PSMD13:NM_175932:exon1	NA	rs1045288	B
chr11	284257	284257	G	A	exonic	NLRP6	synonymous SNV	7700:exon6:c.G2226A:p.A742A,NLRP6:NM_138329:exon6	NA	rs11246050	NA
chr11	611919	611919	C	G	UTR3	PHRF1	NA	NA	NA	rs702966	NA
chr11	1016609	1016609	C	G	exonic	MUC6	nonsynonymous SNV	MUC6:NM_005961:exon31:c.G6192C:p.M2064I	NA	rs73403291	NA
chr11	1017317	1017317	G	T	exonic	MUC6	synonymous SNV	MUC6:NM_005961:exon31:c.C5484A:p.T1828T	NA	rs33943903	NA
chr11	1017337	1017337	T	C	exonic	MUC6	nonsynonymous SNV	MUC6:NM_005961:exon31:c.A5464G:p.T1822A	NA	rs76686156	NA
chr11	1017338	1017338	C	A	exonic	MUC6	nonsynonymous SNV	MUC6:NM_005961:exon31:c.G5463T:p.Q1821H	NA	rs78943453	NA
chr11	1018168	1018170	TCG	-	exonic	MUC6	nonframeshift deletion	IUC6:NM_005961:exon31:c.4631_4633del:p.1544_1545d	NA	rs111749447	NA
chr11	1018300	1018300	G	T	exonic	MUC6	nonsynonymous SNV	MUC6:NM_005961:exon31:c.C4501A:p.P1501T	NA	rs113744996	NA
chr11	1018304	1018304	G	C	exonic	MUC6	synonymous SNV	MUC6:NM_005961:exon31:c.C4497G:p.A1499A	NA	rs113835477	NA
chr11	1081757	1081757	G	C	exonic	MUC2	nonsynonymous SNV	MUC2:NM_002457:exon13:c.G1685C:p.S562T	NA	rs57737240	NA
chr11	2672432	2672432	-	A	ncRNA_exonic	KCNQ1OT1	NA	NA	NA	rs34514246	NA
chr11	2699252	2699252	-	T	ncRNA_exonic	KCNQ1OT1	NA	NA	NA	NA	NA
chr11	2924850	2924850	-	C	UTR5	SLC22A18AS	NA	NA	NA	NA	NA
chr11	6411935	6411935	T	C	exonic	SMPD1	nonsynonymous SNV	543:exon1:c.T107C:p.V36A,SMPD1:NM_001007593:exon1	NA	rs1050228	NA
chr11	11985134	11985139	TTTACT	-	UTR3	DKK3	NA	NA	NA	rs142843448	NA
chr11	12316389	12316389	A	C	exonic	MICALCL	nonsynonymous SNV	MICALCL:NM_032867:exon3:c.A1411C:p.T471P	NA	rs3812754	B
chr11	17519742	17519742	C	G	exonic	USH1C	nonsynonymous SNV	9:exon19:c.G1557C:p.E519D,USH1C:NM_153676:exon24:	NA	rs1064074	P
chr11	26690702	26690702	C	T	UTR3	SLC5A12	NA	NA	NA	rs76831336	NA
chr11	34642668	34642668	A	G	UTR5	EHF	NA	NA	NA	rs286925	NA
chr11	34642728	34642728	A	T	UTR5	EHF	NA	NA	NA	rs286924	NA
chr11	35201842	35201842	C	T	exonic	CD44	synonymous SNV	35H,CD44:NM_001001391:exon3:c.C255T:p.H85H,CD44:N	NA	rs1071695	NA
chr11	43940644	43940644	G	T	exonic	ALKBH3	synonymous SNV	ALKBH3:NM_139178:exon9:c.G726T:p.G242G	NA	rs1048928	NA
chr11	46342943	46342943	A	-	UTR3	CREB3L1	NA	NA	NA	NA	NA
chr11	48346661	48346669	TTGCTGATC	-	exonic	OR4C3	nonframeshift deletion	OR4C3:NM_001004702:exon1:c.169_177del:p.57_59del	ID=COSM1163639;OCCURENCE=2(pancreas)	rs138704181	NA
chr11	62294717	62294717	A	T	exonic	AHNAK	nonsynonymous SNV	AHNAK:NM_001620:exon5:c.T7172A:p.L2391H	NA	NA	P
chr11	62378801	62378801	T	C	exonic	EML3	synonymous SNV	EML3:NM_153265:exon3:c.A210G:p.P70P	NA	rs11553576	NA
chr11	62434173	62434173	G	A	exonic	METTL12	nonsynonymous SNV	METTL12:NM_001043229:exon3:c.G373A:p.G125S	NA	rs11231181	B
chr11	64138805	64138805	T	C	exonic	RPS6KA4	synonymous SNV	144:exon17:c.T2154C:p.N718N,RPS6KA4:NM_003942:exo	NA	rs11542299	NA
chr11	64807447	64807447	A	C	ncRNA_exonic	ARL2-SNX15	NA	NA	NA	rs664118	NA
chr11	67415054	67415054	C	T	UTR5	ACY3	NA	NA	NA	rs2514036	NA
chr11	71708250	71708253	GTGT	-	UTR3	RNF121	NA	NA	NA	NA	NA
chr11	72385393	72385393	A	C	UTR5	PDE2A	NA	NA	NA	NA	NA
chr11	73670645	73670645	T	C	exonic	DNAJB13	synonymous SNV	DNAJB13:NM_153614:exon3:c.T279C:p.H93H	NA	rs653263	NA
chr11	89059054	89059055	TA	-	UTR3	NOX4	NA	NA	NA	NA	NA
chr11	94150790	94150790	T	C	UTR3	MRE11A	NA	NA	NA	rs2155209	NA
chr11	1.06E+08	1.06E+08	-	A	UTR3	GRIA4	NA	NA	NA	NA	NA

chr11	1.08E+08	1.08E+08	A	G	UTR3	SLC35F2	NA	NA	NA	rs4754259	NA
chr11	1.1E+08	1.1E+08	AA	-	UTR3	ARHGAP20	NA	NA	NA	rs200762479	NA
chr11	1.11E+08	1.11E+08	-	AGGA	UTR3	POU2AF1	NA	NA	NA	NA	NA
chr11	1.12E+08	1.12E+08	G	-	splicing	.61-1C>-,NM_00107	NA	NA	NA	rs10708475	NA
chr11	1.13E+08	1.13E+08	-	G	UTR5	NCAM1	NA	NA	NA	rs145493999	NA
chr11	1.17E+08	1.17E+08	G	A	exonic	PCSK7	synonymous SNV	PCSK7:NM_004716:exon17:c.C2196T:p.D732D	NA	rs139944026	NA
chr11	1.17E+08	1.17E+08	C	G	exonic	BACE1	synonymous SNV	012104:exon5:c.G786C:p.V262V,BACE1:NM_138971:exor	NA	rs638405	NA
chr11	1.17E+08	1.17E+08	G	T	exonic	DSCAML1	nonsynonymous SNV	DSCAML1:NM_020693:exon4:c.C694A;p.H232N	ID=COSM147330;OCCURENCE=1(stomach)	rs3741280	NA
chr11	1.18E+08	1.18E+08	CACA	-	UTR3	FXYD6	NA	NA	NA	NA	NA
chr11	1.19E+08	1.19E+08	G	C	UTR3	DDX6	NA	NA	NA	rs487728	NA
chr11	1.19E+08	1.19E+08	-	T	UTR3	DDX6	NA	NA	NA	rs139078958	NA
chr11	1.25E+08	1.25E+08	-	T	UTR3	MSANTD2	NA	NA	NA	rs137996267	NA
chr11	1.25E+08	1.25E+08	G	A	exonic	ROBO4	synonymous SNV	ROBO4:NM_019055:exon2:c.C103T:p.L35L	NA	rs73016370	NA
chr11	1.25E+08	1.25E+08	G	A	UTR3	SLC37A2	NA	NA	NA	NA	NA
chr11	1.25E+08	1.25E+08	C	T	exonic	STT3A	synonymous SNV	STT3A:NM_152713:exon16:c.C1911T:p.C637C	NA	rs17140116	NA
chr11	1.25E+08	1.25E+08	C	T	UTR5	CHEK1	NA	NA	NA	rs558351	NA
chr11	1.26E+08	1.26E+08	C	T	exonic	DCPS	synonymous SNV	DCPS:NM_014026:exon1:c.C63T:p.H21H	NA	rs3740915	NA
chr11	1.3E+08	1.3E+08	-	T	UTR3	ZBTB44	NA	NA	NA	NA	NA
chr11	1.3E+08	1.3E+08	G	A	UTR3	ZBTB44	NA	NA	NA	rs184424056	NA
chr11	1.3E+08	1.3E+08	A	G	UTR3	ZBTB44	NA	NA	NA	rs2297070	NA
chr11	1.34E+08	1.34E+08	G	A	intronic	IGSF9B	NA	NA	NA	rs329677	NA
chr11	1.34E+08	1.34E+08	G	A	UTR3	JAM3	NA	NA	NA	rs597320	NA
chr12	1022452	1022452	C	T	UTR3	RAD52	NA	NA	NA	rs1051669	NA
chr12	4414167	4414167	T	-	UTR3	CCND2	NA	NA	NA	rs61152953	NA
chr12	4919197	4919197	T	C	UTR5	KCNA6	NA	NA	NA	NA	NA
chr12	4919248	4919248	A	G	exonic	KCNA6	nonsynonymous SNV	KCNA6:NM_002235:exon1:c.A41G:p.E14G	NA	NA	P
chr12	7649484	7649484	T	C	exonic	CD163	nonsynonymous SNV	!44:exon5:c.A1024G:p.I342V,CD163:NM_203416:exon5:c	NA	rs4883263	NA
chr12	7945559	7945559	T	C	exonic	NANOG	synonymous SNV	NANOG:NM_024865:exon2:c.T165C:p.P55P	NA	rs4294629	NA
chr12	7945640	7945640	G	T	exonic	NANOG	nonsynonymous SNV	NANOG:NM_024865:exon2:c.G246T:p.K82N	NA	rs2889551	B
chr12	7945670	7945670	G	A	exonic	NANOG	synonymous SNV	NANOG:NM_024865:exon2:c.G276A:p.P92P	NA	rs4354764	NA
chr12	7945757	7945757	C	T	exonic	NANOG	synonymous SNV	NANOG:NM_024865:exon2:c.C363T:p.S121S	NA	rs4438116	NA
chr12	7948584	7948584	C	A	UTR3	NANOG	NA	NA	NA	rs35212015	NA
chr12	8353486	8353486	C	G	ncRNA_exonic	FAM66C	NA	NA	NA	rs200786680	NA
chr12	10468648	10468648	T	C	UTR3	KLRD1	NA	NA	NA	rs7966660	NA
chr12	10560957	10560957	T	C	exonic	KLRC4	nonsynonymous SNV	KLRC4:NM_013431:exon3:c.A311G:p.N104S	NA	rs2617170	NA
chr12	11420471	11420471	C	G	exonic	PRB3	nonsynonymous SNV	PRB3:NM_006249:exon3:c.G712C:p.G238R	NA	NA	NA
chr12	12046813	12046813	A	G	ncRNA_UTR3	ETV6	NA	NA	NA	rs2710275	NA
chr12	12943043	12943045	TTC	-	UTR3	APOLD1	NA	NA	NA	rs146851735	NA
chr12	18435399	18435401	CCC	-	exonic	PIK3C2G	nonframeshift deletion	PIK3C2G:NM_004570:exon2:c.384_386del:p.128_129del	NA	rs55845540	NA
chr12	21329738	21329738	A	G	exonic	SLCO1B1	nonsynonymous SNV	SLCO1B1:NM_006446:exon5:c.A388G:p.N130D	NA	rs2306283	B
chr12	25146594	25146594	A	T	UTR3	C12orf77	NA	NA	NA	rs28561442	NA
chr12	45307633	45307633	T	C	UTR5	NELL2	NA	NA	NA	rs374144	NA
chr12	49298059	49298059	G	A	UTR5	CCDC65	NA	NA	NA	rs3809147	NA
chr12	49726255	49726255	-	G	UTR3	C1QL4	NA	NA	NA	rs112341833	NA
chr12	50747134	50747134	T	G	exonic	FAM186A	nonsynonymous SNV	FAM186A:NM_001145475:exon4:c.A3481C:p.T1161P	NA	NA	NA
chr12	51723499	51723499	T	C	exonic	CELA1	nonsynonymous SNV	CELA1:NM_001971:exon7:c.A728G:p.Q243R	NA	rs17860364	B
chr12	52282060	52282060	C	T	exonic	ANKRD33	synonymous SNV	ANKRD33:NM_182608:exon1:c.C90T:p.R30R	NA	rs697634	NA
chr12	52994955	52994955	G	A	exonic	KRT72	synonymous SNV	p.P94P,KRT72:NM_001146226:exon1:c.C282T:p.P94P,KR	NA	rs61747192	NA
chr12	53045626	53045626	T	C	exonic	KRT2	nonsynonymous SNV	KRT2:NM_000423:exon1:c.A301G:p.S101G	NA	rs2634041	NA
chr12	53070145	53070145	G	A	exonic	KRT1	synonymous SNV	KRT1:NM_006121:exon7:c.C1389T:p.R463R	NA	rs936958	NA
chr12	53810134	53810136	TTT	-	UTR3	SP1	NA	NA	NA	rs147945503	NA
chr12	54475448	54475448	G	C	ncRNA_exonic	LOC100240735	NA	NA	NA	rs4016762	NA
chr12	54905815	54905815	C	G	exonic	NCKAP1L	synonymous SNV	84976:exon9:c.C717G:p.L239L,NCKAP1L:NM_005337:exo	NA	rs2458409	NA
chr12	54973122	54973123	AT	-	UTR3	PPP1R1A	NA	NA	NA	rs67431222	NA
chr12	63041689	63041689	A	-	UTR3	PPM1H	NA	NA	NA	NA	NA
chr12	64538324	64538324	G	T	UTR3	SRGAP1	NA	NA	NA	rs789736	NA
chr12	71094955	71094955	C	T	exonic	PTPRR	nonsynonymous SNV	016:exon4:c.G538A:p.V180I,PTPRR:NM_001207015:exon	NA	rs35387004	B
chr12	76747082	76747082	T	-	UTR3	OSBPL8	NA	NA	NA	rs34398462	NA
chr12	78530979	78530979	G	A	exonic	NAV3	synonymous SNV	NAV3:NM_014903:exon19:c.G4464A:p.Q1488Q	NA	rs1852464	NA
chr12	93196422	93196422	T	G	exonic	EEA1	nonsynonymous SNV	EEA1:NM_003566:exon19:c.A2428C:p.K810Q	NA	rs10745623	B
chr12	93963873	93963873	C	T	ncRNA_UTR5	SOCS2	NA	NA	NA	rs2200160	NA
chr12	1.01E+08	1.01E+08	TTTTTTTTT	-	UTR3	SLC17A8	NA	NA	NA	rs71091442	NA

chr12	1.01E+08	1.01E+08	G	A	exonic	ANO4	nonsynonymous SNV	ANO4:NM_178826:exon6:c.G455A:p.R152K	NA	NA	B
chr12	1.03E+08	1.03E+08	G	A	exonic	PARPBP	synonymous SNV	PARPBP:NM_017915:exon2:c.G138A:p.A46A	NA	rs2036771	NA
chr12	1.03E+08	1.03E+08	-	TG	UTR3	IGF1	NA	NA	NA	rs34621369	NA
chr12	1.04E+08	1.04E+08	G	A	exonic	STAB2	synonymous SNV	STAB2:NM_017564:exon6:c.G558A:p.A186A	NA	rs147053330	NA
chr12	1.04E+08	1.04E+08	C	T	exonic	STAB2	synonymous SNV	STAB2:NM_017564:exon31:c.C3339T:p.N1113N	ID=COSM147590;OCCURENCE=1(stomach)	rs703651	NA
chr12	1.04E+08	1.04E+08	A	G	UTR3	NT5DC3	NA	NA	NA	rs10735389	NA
chr12	1.04E+08	1.04E+08	C	T	ncRNA_exonic	GNN	NA	NA	NA	rs11612613	NA
chr12	1.06E+08	1.06E+08	-	ATGAAG	UTR3	NUAK1	NA	NA	NA	rs11283073	NA
chr12	1.07E+08	1.07E+08	A	G	exonic	CRY1	synonymous SNV	CRY1:NM_004075:exon5:c.T636C:p.G212G	NA	rs8192440	NA
chr12	1.14E+08	1.14E+08	G	C	exonic	RBM19	synonymous SNV	506T,RBM19:NM_001146699:exon15:c.C1818G:p.T606T,f	NA	rs2290790	NA
chr12	1.19E+08	1.19E+08	C	T	exonic	TAOK3	nonsynonymous SNV	TAOK3:NM_016281:exon4:c.G140A:p.S47N	NA	rs428073	B
chr12	1.2E+08	1.2E+08	A	-	UTR3	SRRM4	NA	NA	NA	rs11305482	NA
chr12	1.23E+08	1.23E+08	A	G	UTR3	HCAR1	NA	NA	NA	rs7313367	NA
chr12	1.29E+08	1.29E+08	A	G	UTR3	TMEM132C	NA	NA	NA	NA	NA
chr12	1.31E+08	1.31E+08	G	T	UTR5	GPR133	NA	NA	NA	rs56090874	NA
chr13	25356053	25356053	T	C	exonic	RNF17	synonymous SNV	84993:exon6:c.T582C:p.F194F,RNF17:NM_031277:exon6	NA	rs9707144	NA
chr13	26125490	26125490	G	A	exonic	ATP8A2	synonymous SNV	ATP8A2:NM_016529:exon11:c.G906A:p.A302A	NA	rs9581388	NA
chr13	28874659	28874666	CACACACA	-	UTR3	FLT1	NA	NA	NA	rs200186804	NA
chr13	32890572	32890572	G	A	UTR5	BRCA2	NA	NA	NA	rs1799943	NA
chr13	36744800	36744800	G	A	exonic	1C169-SOHLH2,SOH	synonymous SNV	110:c.C1125T:p.Y375Y,CCDC169-SOHLH2:NM_001198910:	ID=COSM147666;OCCURENCE=1(stomach)	rs2296967	NA
chr13	36876372	36876375	TATC	-	UTR3	SPG20	NA	NA	NA	rs150662490	NA
chr13	41133064	41133064	-	T	UTR3	FOXO1	NA	NA	NA	NA	NA
chr13	41385658	41385658	C	A	ncRNA_UTR3	SLC25A15	NA	NA	NA	rs41515050	NA
chr13	46537757	46537757	G	A	UTR3	ZC3H13	NA	NA	NA	rs17350833	NA
chr13	50102992	50102992	T	C	UTR3	PHF11	NA	NA	NA	rs3033	NA
chr13	50466780	50466780	C	T	ncRNA_exonic	CTAGE10P	NA	NA	NA	rs189224500	NA
chr13	60240491	60240491	C	A	UTR3	DIAPH3	NA	NA	NA	rs200390524	NA
chr13	1.04E+08	1.04E+08	-	T	ncRNA_exonic	METTL21EP	NA	NA	NA	NA	NA
chr13	1.11E+08	1.11E+08	G	A	exonic	COL4A2	nonsynonymous SNV	COL4A2:NM_001846:exon22:c.G1550A:p.R517K	NA	rs7990383	B
chr13	1.14E+08	1.14E+08	ACAC	-	UTR3	ATP11A	NA	NA	NA	rs72007310	NA
chr13	1.14E+08	1.14E+08	AT	-	UTR3	ATP11A	NA	NA	NA	rs3832908	NA
chr13	1.14E+08	1.14E+08	C	A	UTR3	DCUN1D2	NA	NA	NA	rs9577553	NA
chr14	20811332	20811332	C	T	ncRNA_exonic	RPPH1	NA	NA	NA	rs3093872	NA
chr14	20811476	20811476	-	A	ncRNA_exonic	RPPH1	NA	NA	NA	NA	NA
chr14	24409799	24409799	A	G	ncRNA_exonic	DHRS4-AS1	NA	NA	NA	rs113551151	NA
chr14	24410262	24410262	C	G	ncRNA_exonic	DHRS4-AS1	NA	NA	NA	rs58941536	NA
chr14	50448984	50448984	A	C	UTR3	C14orf182	NA	NA	NA	rs7161196	NA
chr14	55533924	55533925	TT	-	UTR3	MAPK1IP1L	NA	NA	NA	NA	NA
chr14	61112736	61112736	T	-	UTR3	SIX1	NA	NA	NA	rs112733948	NA
chr14	61177729	61177729	-	TATATA	UTR3	SIX4	NA	NA	NA	rs142920801	NA
chr14	64937308	64937317	AAAAAAAA	-	UTR3	AKAP5	NA	NA	NA	NA	NA
chr14	69352230	69352230	G	A	exonic	ACTN1	synonymous SNV	1L,ACTN1:NM_001130004:exon12:c.C1297T:p.L433L,ACTN	NA	rs15993	NA
chr14	73459917	73459917	C	T	exonic	ZFYVE1	synonymous SNV	ZFYVE1:NM_021260:exon4:c.G1137A:p.E379E	NA	rs2333016	NA
chr14	75388803	75388803	G	A	UTR5	RPS6KL1	NA	NA	NA	rs7158047	NA
chr14	77491190	77491190	-	AG	UTR3	IRF2BPL	NA	NA	NA	rs200696373	NA
chr14	77599140	77599140	-	CTCTCTCTC	UTR3	ZDHHC22	NA	NA	NA	rs142042377	NA
chr14	88647759	88647759	C	T	UTR3	KCNK10	NA	NA	NA	rs201163029	NA
chr14	92582472	92582472	G	A	UTR3	NDUFB1	NA	NA	NA	rs13350	NA
chr14	94912896	94912896	T	G	exonic	SERPINA11	nonsynonymous SNV	SERPINA11:NM_001080451:exon3:c.A689C:p.E230A	NA	rs57740714	D
chr14	94933709	94933709	C	T	exonic	SERPINA9	synonymous SNV	39:exon3:c.G693A:p.E231E,SERPINA9:NM_001042518:exc	NA	rs6575433	NA
chr14	95107973	95107973	C	T	ncRNA_exonic	SERPINA13P	NA	NA	NA	rs4905226	NA
chr14	96871104	96871104	G	A	exonic	AK7	nonsynonymous SNV	AK7:NM_152327:exon3:c.G305A:p.R102Q	NA	rs2275554	P
chr14	1.01E+08	1.01E+08	A	T	UTR5	WARS	NA	NA	NA	rs7143006	NA
chr14	1.05E+08	1.05E+08	C	T	UTR5	AKT1	NA	NA	NA	rs10138227	NA
chr14	1.05E+08	1.05E+08	C	T	ncRNA_exonic	LINC00638	NA	NA	NA	rs12894160	NA
chr14	1.05E+08	1.05E+08	C	G	exonic	AHNAK2	nonsynonymous SNV	AHNAK2:NM_138420:exon7:c.G9625C:p.V3209L	NA	rs201181175	NA
chr14	1.07E+08	1.07E+08	G	C	ncRNA_exonic	LINC00221	NA	NA	NA	rs10873578	NA
chr14	1.07E+08	1.07E+08	C	G	ncRNA_exonic	LINC00221	NA	NA	ID=COSN393151;OCCURENCE=1(lung)	rs11160980	NA
chr14	1.07E+08	1.07E+08	T	G	ncRNA_exonic	LINC00221	NA	NA	NA	rs11160981	NA
chr15	21134563	21134563	A	G	ncRNA_exonic	NF1P2	NA	NA	NA	rs145897182	NA
chr15	22703218	22703218	A	G	ncRNA_exonic	GOLGA8DP	NA	NA	NA	rs1822555	NA
chr15	23005380	23005380	-	C	UTR3	NIPA2	NA	NA	NA	rs35420735	NA

chr15	23448270	23448270	G	T	ncRNA_exonic	GOLGA8EP	NA	NA	NA	rs200235850	NA
chr15	24813154	24813154	T	C	ncRNA_exonic	PWRN1	NA	NA	NA	rs28574764	NA
chr15	28096538	28096538	A	G	exonic	OCA2	synonymous SNV	OCA2:NM_000275:exon22:c.T2328C:p.A776A	NA	rs1800419	NA
chr15	41024303	41024303	T	C	UTR3	RAD51	NA	NA	NA	rs11855560	NA
chr15	41099899	41099899	-	GGGGC	exonic	ZFYVE19	frameshift insertion	.112_113insGGGGC:p.W38fs,ZFYVE19:NM_001258420:ex	NA	rs142730574	NA
chr15	42159290	42159290	C	T	exonic	SPTBN5	nonsynonymous SNV	SPTBN5:NM_016642:exon36:c.G6347A:p.R2116Q	NA	rs2290553	NA
chr15	42834962	42834962	C	T	UTR3	LRRC57	NA	NA	NA	rs75705010	NA
chr15	52611451	52611451	A	G	exonic	MYO5A	synonymous SNV	5:exon37:c.T4884C:p.D1628D,MYO5A:NM_000259:exon	NA	rs2290332	NA
chr15	60714879	60714879	-	A	UTR3	NARG2	NA	NA	NA	NA	NA
chr15	62146078	62146078	A	-	UTR3	VPS13C	NA	NA	NA	rs5813123	NA
chr15	71276491	71276491	G	A	exonic	LRRC49	nonsynonymous SNV	60Q,LRRC49:NM_017691:exon11:c.G1064A:p.R355Q,LRF	NA	NA	B
chr15	75581791	75581791	G	A	exonic	GOLGA6D	synonymous SNV	GOLGA6D:NM_001145224:exon8:c.G618A:p.K206K	NA	NA	NA
chr15	78792881	78792883	AAA	-	UTR3	IREB2	NA	NA	NA	NA	NA
chr15	81585177	81585177	A	C	exonic	IL16	synonymous SNV	:exon11:c.A1701C:p.P567P,IL16:NM_001172128:exon12:c	NA	NA	NA
chr15	1E+08	1E+08	C	T	ncRNA_exonic	DNM1P46	NA	NA	NA	NA	NA
chr15	1E+08	1E+08	A	G	ncRNA_exonic	DNM1P46	NA	NA	NA	rs2458579	NA
chr15	1.03E+08	1.03E+08	C	T	ncRNA_exonic	WASH3P	NA	NA	NA	rs1045862	NA
chr16	332992	332992	T	C	UTR3	ARHGDI3	NA	NA	NA	rs443338	NA
chr16	781633	781633	G	A	exonic	NARFL	synonymous SNV	NARFL:NM_022493:exon9:c.C966T:p.H322H	ID=COSM1178439;OCCURENCE=1(prostate)	rs3829492	NA
chr16	903965	903965	T	G	UTR3	LMF1	NA	NA	NA	NA	NA
chr16	1139446	1139446	G	T	UTR3	C1QTNF8	NA	NA	NA	rs183188	NA
chr16	1291454	1291454	G	A	exonic	TPSAB1	nonsynonymous SNV	TPSAB1:NM_003294:exon4:c.G253A:p.A85T	NA	rs1141968	B
chr16	1448690	1448690	A	C	UTR3	UNKL	NA	NA	NA	NA	NA
chr16	2031405	2031405	T	C	UTR5	NOXO1	NA	NA	NA	rs56268858	NA
chr16	4751045	4751045	C	T	exonic	ANKS3	nonsynonymous SNV	929:exon8:c.G889A:p.A297T,ANKS3:NM_133450:exon11	ID=COSM148013;OCCURENCE=1(stomach)	rs863980	B
chr16	10524657	10524659	GAC	-	exonic	ATF7IP2	nonframeshift deletion	:c.180_182del:p.60_61del,ATF7IP2:NM_001256160:exon	NA	rs56252625	NA
chr16	12061912	12061912	-	T	UTR3	TNFRSF17	NA	NA	NA	NA	NA
chr16	14529754	14529755	CA	-	UTR3	PARN	NA	NA	NA	NA	NA
chr16	18839362	18839362	T	C	exonic	SMG1	synonymous SNV	SMG1:NM_015092:exon55:c.A9732G:p.A3244A	NA	rs12445870	NA
chr16	20748331	20748331	C	A	exonic	THUMPD1	nonsynonymous SNV	THUMPD1:NM_017736:exon4:c.G933T:p.E311D	NA	rs11074471	NA
chr16	21078693	21078693	T	G	exonic	DNAH3	synonymous SNV	DNAH3:NM_017539:exon24:c.A3429C:p.A1143A	NA	rs861424	NA
chr16	23598584	23598584	C	T	exonic	NDUFAB1	synonymous SNV	NDUFAB1:NM_005003:exon2:c.G225A:p.T75T	NA	rs139679834	NA
chr16	24836091	24836091	A	-	UTR3	TNRC6A	NA	NA	NA	NA	NA
chr16	46693621	46693621	-	A	UTR3	VPS35	NA	NA	NA	rs34926621	NA
chr16	46773999	46773999	C	A	exonic	MYLK3	nonsynonymous SNV	MYLK3:NM_182493:exon2:c.G538T:p.V180L	ID=COSM148070,COSM148071;OCCURENCE=1(stomach)	rs28407821	D
chr16	48258198	48258198	C	T	exonic	ABCC11	nonsynonymous SNV	180R,ABCC11:NM_032583:exon5:c.G538A:p.G180R,ABCC	NA	rs17822931	D
chr16	50264211	50264211	-	A	UTR3	PAPD5	NA	NA	NA	rs34413257	NA
chr16	55794514	55794514	C	T	ncRNA_exonic	CES1P1	NA	NA	NA	rs7199449	NA
chr16	56510842	56510842	G	C	UTR3	OGFOD1	NA	NA	NA	rs111625702	NA
chr16	68857441	68857441	T	C	exonic	CDH1	synonymous SNV	CDH1:NM_004360:exon13:c.T2076C:p.A692A	NA	rs1801552	NA
chr16	69385641	69385641	A	G	exonic	TMED6	nonsynonymous SNV	TMED6:NM_144676:exon1:c.T16C:p.F6L	NA	rs76116020	B
chr16	70164334	70164334	A	G	exonic	P DPR	nonsynonymous SNV	P DPR:NM_017990:exon7:c.A616G:p.I206V	ID=COSM148098;OCCURENCE=1(stomach)	rs10852462	NA
chr16	70506907	70506907	T	C	exonic	FUK	synonymous SNV	FUK:NM_145059:exon15:c.T1428C:p.P476P	ID=COSM1128894;OCCURENCE=1(prostate)	rs7192865	NA
chr16	70569215	70569215	A	T	exonic	SF3B3	synonymous SNV	SF3B3:NM_012426:exon6:c.A717T:p.P239P	NA	rs33910368	NA
chr16	74452071	74452071	G	A	exonic	CLEC18B	synonymous SNV	CLEC18B:NM_001011880:exon3:c.C342T:p.P114P	NA	rs62056016	NA
chr16	74920191	74920191	G	A	exonic	WDR59	synonymous SNV	WDR59:NM_030581:exon24:c.C2523T:p.R841R	NA	rs14308	NA
chr16	75327916	75327916	A	G	exonic	CFDP1	synonymous SNV	CFDP1:NM_006324:exon7:c.T834C:p.L278L	NA	rs6624	NA
chr16	84522897	84522897	G	C	exonic	TLDC1	nonsynonymous SNV	TLDC1:NM_020947:exon4:c.C516G:p.D172E	ID=COSM1128850;OCCURENCE=1(prostate)	rs436278	B
chr16	84779168	84779168	G	A	exonic	USP10	nonsynonymous SNV	:exon4:c.G1081A:p.E361K,USP10:NM_001272075:exon5	NA	NA	NA
chr16	85009567	85009567	T	C	UTR3	ZDHHC7	NA	NA	NA	NA	NA
chr16	89334787	89334787	C	T	UTR3	ANKRD11	NA	NA	NA	rs9635535	NA
chr17	1606883	1606883	T	G	UTR3	TLCD2	NA	NA	NA	rs8068949	NA
chr17	2310332	2310332	G	A	ncRNA_exonic	LOC284009	NA	NA	NA	rs74415860	NA
chr17	3352294	3352294	A	G	exonic	SPATA22	nonsynonymous SNV	170697:exon6:c.T479C:p.I160T,SPATA22:NM_001170698:	NA	rs1488689	B
chr17	3352331	3352331	C	T	exonic	SPATA22	nonsynonymous SNV	3697:exon6:c.G442A:p.V148M,SPATA22:NM_001170698:	NA	rs1488690	B
chr17	3564711	3564711	-	G	UTR3	CTNS	NA	NA	NA	NA	NA
chr17	5288983	5288983	T	C	UTR3	RABEP1	NA	NA	NA	rs7426	NA
chr17	6556194	6556194	-	AGAAG	UTR3	C17orf100	NA	NA	NA	rs144808411	NA
chr17	7482019	7482019	A	-	ncRNA_exonic	SEN3-EIF4A1	NA	NA	NA	NA	NA
chr17	7838406	7838406	T	C	exonic	CNTROB	synonymous SNV	7144:exon4:c.T537C:p.N179N,CNTROB:NM_053051:exor	NA	NA	NA
chr17	8064081	8064081	-	G	UTR3	VAMP2	NA	NA	NA	NA	NA
chr17	8633310	8633310	C	T	UTR3	CCDC42	NA	NA	NA	rs1971773	NA

chr17	16842912	16842912	A	G	exonic	TNFRSF13B	synonymous SNV	TNFRSF13B:NM_012452:exon5:c.T831C:p.S277S	NA	rs11078355	NA
chr17	18682505	18682505	T	C	exonic	FBXW10	nonsynonymous SNV	5:exon13:c.T2894C:p.V965A,FBXW10:NM_001267585:exc	ID=COSM436168;OCCURENCE=1(prostate)	rs1024657	B
chr17	18694277	18694277	G	A	exonic	TVP23B	nonsynonymous SNV	TVP23B:NM_016078:exon3:c.G164A:p.G55E	NA	rs61075345	B
chr17	20768134	20768134	C	T	UTR3	CCDC144NL	NA	NA	NA	rs201667905	NA
chr17	21217727	21217727	T	C	UTR3	MAP2K3	NA	NA	NA	rs2363370	NA
chr17	21217764	21217764	G	A	UTR3	MAP2K3	NA	NA	NA	rs2363192	NA
chr17	21311916	21311916	C	T	UTR5	KCNJ12,KCNJ18	NA	NA	NA	rs1657716	NA
chr17	21311940	21311940	T	C	UTR5	KCNJ12,KCNJ18	NA	NA	NA	rs1714903	NA
chr17	21319407	21319407	C	T	exonic	KCNJ12,KCNJ18	synonymous SNV	194958:exon3:c.C753T:p.I251I,KCNJ12:NM_021012:exon:	NA	rs16962951	NA
chr17	21319465	21319465	T	C	exonic	KCNJ12,KCNJ18	synonymous SNV	.94958:exon3:c.T811C:p.L271L,KCNJ12:NM_021012:exon:	ID=COSM312199;OCCURENCE=1(lung)	rs77724065	NA
chr17	21323033	21323033	C	T	UTR3	KCNJ12	NA	NA	NA	rs72842126	NA
chr17	21323034	21323034	G	A	UTR3	KCNJ12	NA	NA	NA	rs72842128	NA
chr17	21323049	21323049	C	T	UTR3	KCNJ12	NA	NA	NA	rs75724776	NA
chr17	26206414	26206414	C	A	UTR3	LYRM9	NA	NA	NA	rs3751972	NA
chr17	27187789	27187789	C	T	UTR3	ERAL1	NA	NA	NA	rs6803	NA
chr17	29862282	29862282	A	-	UTR3	RAB11FIP4	NA	NA	NA	rs35637322	NA
chr17	33307586	33307586	G	A	UTR5	LIG3	NA	NA	NA	rs12945428	NA
chr17	33448818	33448818	T	C	exonic	FNDC8	nonsynonymous SNV	FNDC8:NM_017559:exon1:c.T106C:p.S36P	NA	rs1871892	B
chr17	37223344	37223344	G	T	ncRNA_UTR3	PLXDC1	NA	NA	NA	rs72821577	NA
chr17	39211189	39211189	C	G	exonic	KRTAP2-2	nonsynonymous SNV	KRTAP2-2:NM_033032:exon1:c.G275C:p.C92S	NA	NA	NA
chr17	39395019	39395019	G	T	UTR3	KRTAP9-8	NA	NA	NA	rs74975222	NA
chr17	39727816	39727816	T	G	exonic	KRT9	synonymous SNV	KRT9:NM_000226:exon1:c.A429C:p.G143G	NA	rs8075921	NA
chr17	39958344	39958344	T	C	UTR3	LEPREL4	NA	NA	NA	rs1061843	NA
chr17	41064988	41064995	TTTTAGAA	-	UTR3	G6PC	NA	NA	NA	rs71157674	NA
chr17	42876925	42876925	-	A	UTR3	GJC1	NA	NA	NA	NA	NA
chr17	46802286	46802286	T	C	UTR3	HOXB13	NA	NA	NA	NA	NA
chr17	46941419	46941419	G	T	UTR3	CALCOCO2	NA	NA	NA	rs6504584	NA
chr17	54450134	54450134	G	A	exonic	ANKFN1	synonymous SNV	ANKFN1:NM_153228:exon6:c.G738A:p.K246K	NA	rs8069322	NA
chr17	54912339	54912339	G	A	exonic	DGKE	synonymous SNV	DGKE:NM_003647:exon2:c.G183A:p.G61G	NA	rs1048159	NA
chr17	60342186	60342186	T	C	ncRNA_exonic	TBC1D3P2	NA	NA	NA	rs11550753	NA
chr17	62122727	62122727	A	G	exonic	ERN1	nonsynonymous SNV	ERN1:NM_001433:exon20:c.T2645C:p.L882P	NA	NA	NA
chr17	62892413	62892413	G	A	exonic	LRRC37A3	synonymous SNV	LRRC37A3:NM_199340:exon3:c.C963T:p.A321A	NA	rs3894937	NA
chr17	64208285	64208285	C	G	exonic	APOH	nonsynonymous SNV	APOH:NM_000042:exon8:c.G1004C:p.W335S	NA	rs1801690	D
chr17	67017930	67017930	T	C	exonic	ABCA9	nonsynonymous SNV	ABCA9:NM_080283:exon18:c.A2354G:p.N785S	NA	rs17684521	D
chr17	72301432	72301432	A	G	exonic	DNAI2	synonymous SNV	810:exon9:c.A1062G:p.E354E,DNAI2:NM_023036:exon9	NA	rs8073660	NA
chr17	72521897	72521897	G	A	exonic	CD300LB	synonymous SNV	CD300LB:NM_174892:exon2:c.C471T:p.I157I	NA	rs17553512	NA
chr17	74675810	74675810	G	A	UTR3	MXRA7	NA	NA	NA	rs1065604	NA
chr17	74922706	74922706	C	T	exonic	MGAT5B	synonymous SNV	iF,MGAT5B:NM_001199172:exon10:c.C1185T:p.F395F,M	NA	rs33966966	NA
chr17	74928758	74928758	C	T	exonic	MGAT5B	synonymous SNV	2F,MGAT5B:NM_001199172:exon11:c.C1323T:p.F441F,M	NA	rs79286496	NA
chr17	76497920	76497920	C	A	exonic	DNAH17	nonsynonymous SNV	DNAH17:NM_173628:exon34:c.G5226T:p.M1742I	NA	rs690844	NA
chr17	76525759	76525759	G	C	exonic	DNAH17	nonsynonymous SNV	DNAH17:NM_173628:exon22:c.C3302G:p.A1101G	NA	rs61741523	NA
chr17	76670610	76670610	T	G	UTR3	CYTH1	NA	NA	NA	NA	NA
chr18	334742	334742	C	T	exonic	COLEC12	nonsynonymous SNV	COLEC12:NM_130386:exon6:c.G1816A:p.G606S	NA	rs2305027	D
chr18	2943456	2943456	-	TGTT	ncRNA_exonic	LOC727896	NA	NA	NA	NA	NA
chr18	6986227	6986227	G	A	exonic	LAMA1	nonsynonymous SNV	LAMA1:NM_005559:exon37:c.C5288T:p.A1763V	NA	rs12607841	B
chr18	8069868	8069868	C	T	exonic	PTPRM	synonymous SNV	i244:exon8:c.C1317T:p.N439N,PTPRM:NM_002845:exon8	NA	rs2230601	NA
chr18	9887607	9887607	T	C	exonic	TXNDC2	synonymous SNV	8529:exon2:c.T1131C:p.S377S,TXNDC2:NM_032243:exon	NA	NA	NA
chr18	14542867	14542867	C	T	exonic	POTEC	synonymous SNV	POTEC:NM_001137671:exon1:c.G279A:p.T93T	NA	rs200779556	NA
chr18	14779969	14779969	C	G	exonic	ANKRD30B	nonsynonymous SNV	ANKRD30B:NM_001145029:exon11:c.C1431G:p.F477L	D=COSM1130088,COSM1130087;OCCURENCE=1(prostate)	rs9675365	NA
chr18	20577669	20577669	G	A	exonic	RBBP8	synonymous SNV	705K,RBBP8:NM_203291:exon14:c.G2115A:p.K705K,RBBI	NA	rs17852769	NA
chr18	33848663	33848663	-	TACAT	UTR3	MOCOS	NA	NA	NA	rs111317566	NA
chr18	42644774	42644774	A	-	UTR3	SETBP1	NA	NA	NA	rs57937684	NA
chr18	43331751	43331751	A	T	UTR3	SLC14A1	NA	NA	NA	rs544373	NA
chr18	47088655	47088655	T	G	UTR5	LIPG	NA	NA	NA	rs34474737	NA
chr18	47908556	47908556	G	A	exonic	SKA1	nonsynonymous SNV	039535:exon4:c.G271A:p.V91I,SKA1:NM_145060:exon4:c	NA	rs6507992	B
chr18	48325302	48325302	C	A	UTR3	MRO	NA	NA	NA	rs2849256	NA
chr18	50432602	50432602	C	G	exonic	DCC	nonsynonymous SNV	DCC:NM_005215:exon3:c.C601G:p.R201G	NA	rs2229080	D
chr18	51887123	51887123	C	T	exonic	C18orf54	synonymous SNV	C18orf54:NM_173529:exon2:c.C181T:p.L61L	NA	rs1657904	NA
chr18	55862847	55862847	G	A	UTR5	NEDD4L	NA	NA	NA	rs1008899	NA
chr18	56962800	56962801	AA	-	UTR3	CPLX4	NA	NA	NA	rs61050481	NA
chr18	56963852	56963852	T	G	UTR3	CPLX4	NA	NA	NA	rs17696504	NA
chr18	59712463	59712463	G	A	UTR3	PIGN	NA	NA	NA	rs28375341	NA

chr18	59780393	59780393	T	A	exonic	PIGN	nonsynonymous SNV	27:exon15:c.A1408T:p.I470L,PIGN:NM_176787:exon16:c.	NA	rs3862712	NA
chr18	59814268	59814268	G	A	exonic	PIGN	synonymous SNV	327:exon8:c.C741T:p.H247H,PIGN:NM_176787:exon9:c.C	NA	rs9320000	NA
chr18	60237388	60237388	A	G	exonic	ZCCHC2	synonymous SNV	ZCCHC2:NM_017742:exon12:c.A1899G:p.S633S	NA	rs8096750	NA
chr18	61377579	61377579	A	C	exonic	SERPINB11	unknown	UNKNOWN	NA	rs1395268	NA
chr18	67509199	67509199	C	T	UTR3	DOK6	NA	NA	NA	rs72953879	NA
chr18	67509199	67509199	-	GTGTGTGT	UTR3	DOK6	NA	NA	NA	rs143503551	NA
chr18	67836217	67836217	A	G	exonic	RTTN	synonymous SNV	RTTN:NM_173630:exon12:c.T1563C:p.I521I	NA	rs200975487	NA
chr18	72168608	72168608	G	A	exonic	CNDP2	synonymous SNV	l68499:exon2:c.G105A:p.P35P,CNDP2:NM_018235:exon3	ID=COSM148444;OCCURENCE=1(stomach)	rs2303463	NA
chr18	74728109	74728109	-	TT	UTR3	MBP	NA	NA	NA	NA	NA
chr19	1086993	1086993	T	-	UTR3	POLR2E	NA	NA	NA	NA	NA
chr19	1954128	1954128	T	C	ncRNA_exonic	CSNK1G2-AS1	NA	NA	NA	rs62129474	NA
chr19	3593004	3593004	A	G	UTR3	GIPC3	NA	NA	NA	rs17433775	NA
chr19	3767265	3767265	C	T	exonic	MRPL54	synonymous SNV	MRPL54:NM_172251:exon3:c.C291T:p.F97F	NA	rs7239	NA
chr19	3805793	3805793	T	C	UTR3	ZFR2	NA	NA	NA	rs4807513	NA
chr19	3823292	3823292	G	A	exonic	ZFR2	synonymous SNV	ZFR2:NM_015174:exon8:c.C1323T:p.P441P	NA	rs61744821	NA
chr19	4153655	4153655	G	T	UTR5	CREB3L3	NA	NA	NA	NA	NA
chr19	4236996	4236996	G	A	exonic	EBI3	nonsynonymous SNV	EBI3:NM_005755:exon5:c.G601A:p.V201I	NA	rs4740	B
chr19	4442999	4442999	T	G	exonic	CHAF1A	nonsynonymous SNV	CHAF1A:NM_005483:exon15:c.T2848G:p.S950A	NA	rs243383	B
chr19	4502937	4502937	A	C	UTR3	PLIN4	NA	NA	NA	NA	NA
chr19	5153606	5153606	G	A	UTR3	KDM4B	NA	NA	NA	rs11514	NA
chr19	5206775	5206775	A	G	UTR3	PTPRS	NA	NA	NA	rs1143700	NA
chr19	5910015	5910015	-	G	UTR3	VMAC	NA	NA	NA	rs76336657	NA
chr19	6312290	6312290	T	C	exonic	ACER1	nonsynonymous SNV	ACER1:NM_133492:exon3:c.A220G:p.M74V	NA	rs72981971	D
chr19	6718387	6718387	G	C	exonic	C3	nonsynonymous SNV	C3:NM_000064:exon3:c.C304G:p.R102G	NA	rs2230199	B
chr19	7056553	7056553	C	T	exonic	MBD3L3	nonsynonymous SNV	MBD3L3:NM_001164425:exon2:c.G407A:p.R136H	NA	rs199680919	NA
chr19	7547074	7547074	A	C	exonic	PEX11G	nonsynonymous SNV	70539:exon3:c.T273G:p.C91W,PEX11G:NM_080662:exon	NA	rs2303146	B
chr19	7977929	7977929	C	-	UTR3	MAP2K7	NA	NA	NA	NA	NA
chr19	7977931	7977931	CTC	-	UTR3	MAP2K7	NA	NA	NA	NA	NA
chr19	7978407	7978407	G	A	UTR3	MAP2K7	NA	NA	NA	rs4804835	NA
chr19	10089262	10089262	G	A	exonic	COL5A3	synonymous SNV	COL5A3:NM_015719:exon41:c.C3006T:p.P1002P	NA	rs12610207	NA
chr19	10179657	10179657	G	A	ncRNA_exonic	C3P1	NA	NA	NA	rs897803	NA
chr19	10664256	10664256	-	TAA	UTR3	KRI1	NA	NA	NA	rs201847069	NA
chr19	11406839	11406839	C	G	UTR5	TSPAN16	NA	NA	NA	rs453766	NA
chr19	12091196	12091196	C	A	UTR3	ZNF763	NA	NA	NA	rs78037958	NA
chr19	12091196	12091196	-	A	UTR3	ZNF763	NA	NA	NA	NA	NA
chr19	12774537	12774537	G	A	exonic	MAN2B1	nonsynonymous SNV	28:exon5:c.C743T:p.P248L,MAN2B1:NM_001173498:exo	NA	rs117843968	D
chr19	13054781	13054781	G	T	UTR3	CALR	NA	NA	NA	rs1049481	NA
chr19	14682804	14682804	G	C	exonic	NDUFB7	synonymous SNV	NDUFB7:NM_004146:exon1:c.C9G:p.A3A	NA	rs9543	NA
chr19	14769339	14769339	C	G	exonic	EMR3	nonsynonymous SNV	EMR3:NM_032571:exon5:c.G379C:p.E127Q	NA	rs4606855	B
chr19	15996820	15996820	G	A	exonic	CYP4F2	synonymous SNV	CYP4F2:NM_001082:exon9:c.C1029T:p.H343H	NA	rs2074900	NA
chr19	17452859	17452863	CTTCC	-	UTR3	GTPBP3	NA	NA	NA	rs5827368	NA
chr19	17660300	17660300	G	A	exonic	FAM129C	nonsynonymous SNV	i24:exon15:c.G1807A:p.G603S,FAM129C:NM_173544:exc	ID=COSM148530;OCCURENCE=1(stomach)	rs11666267	B
chr19	18499815	18499815	G	C	UTR3	GDF15	NA	NA	NA	rs1054564	NA
chr19	18499858	18499858	T	C	UTR3	GDF15	NA	NA	NA	rs1054221	NA
chr19	19023853	19023853	T	C	exonic	COPE	synonymous SNV	i:p.L43L,COPE:NM_199442:exon2:c.A129G:p.L43L,COPE:N	ID=COSM1178458;OCCURENCE=1(prostate)	rs3177137	NA
chr19	20722787	20722787	A	T	UTR3	ZNF737	NA	NA	NA	rs138165402	NA
chr19	21306251	21306251	G	A	UTR3	ZNF714	NA	NA	NA	rs10413226	NA
chr19	22156855	22156855	G	A	exonic	ZNF208	synonymous SNV	ZNF208:NM_007153:exon4:c.C981T:p.T327T	NA	rs200969060	NA
chr19	22363413	22363413	C	T	exonic	ZNF676	nonsynonymous SNV	ZNF676:NM_001001411:exon3:c.G1106A:p.G369E	NA	rs75690456	B
chr19	22363826	22363826	G	C	exonic	ZNF676	synonymous SNV	ZNF676:NM_001001411:exon3:c.C693G:p.G231G	NA	rs7252593	NA
chr19	22375868	22375868	C	T	exonic	ZNF676	nonsynonymous SNV	ZNF676:NM_001001411:exon2:c.G80A:p.G27E	NA	rs8104929	B
chr19	22379587	22379587	G	T	UTR5	ZNF676	NA	NA	NA	rs2360001	NA
chr19	23556605	23556605	A	G	exonic	ZNF91	synonymous SNV	ZNF91:NM_003430:exon3:c.T192C:p.Y64Y	ID=COSM288088;OCCURENCE=1(large_intestine)	rs34740519	NA
chr19	32877006	32877006	A	C	UTR3	ZNF507	NA	NA	NA	NA	NA
chr19	33088072	33088072	-	ATCA	UTR3	ANKRD27	NA	NA	NA	rs143829091	NA
chr19	39980412	39980412	C	T	exonic	TIMM50	synonymous SNV	TIMM50:NM_001001563:exon11:c.C1323T:p.F441F	NA	rs114194716	NA
chr19	40389741	40389741	A	G	exonic	FCGBP	nonsynonymous SNV	FCGBP:NM_003890:exon18:c.T8441C:p.V2814A	NA	rs141158749	NA
chr19	41111069	41111069	G	A	exonic	LTBP4	unknown	UNKNOWN	NA	rs2303729	NA
chr19	41903220	41903220	G	A	exonic	EXOSC5	nonsynonymous SNV	EXOSC5:NM_020158:exon1:c.C14T:p.T5M	NA	rs10853751	B
chr19	42355886	42355886	-	TTTG	UTR3	DMRTC2	NA	NA	NA	NA	NA
chr19	44174249	44174249	C	T	exonic	PLAUR	synonymous SNV	A:p.P8P,PLAUR:NM_001005377:exon1:c.G24A:p.P8P,PLA	NA	rs62639324	NA
chr19	46093211	46093211	T	C	UTR3	GPR4	NA	NA	NA	rs1045217	NA

chr19	47824788	47824788	-	C	UTR3	C5AR1	NA	NA	NA	rs35042977	NA
chr19	48305566	48305566	C	T	exonic	TPRX1	synonymous SNV	TPRX1:NM_198479:exon2:c.G702A:p.P234P	ID=COSM998808;OCCURENCE=1(endometrium)	rs12463317	NA
chr19	48343993	48343993	G	A	UTR3	CRX	NA	NA	NA	rs55835533	NA
chr19	49571425	49571425	G	C	UTR3	KCNA7	NA	NA	NA	rs62127899	NA
chr19	51835892	51835892	-	G	exonic	VSIG10L	frameshift insertion	SIG10L:NM_001163922:exon10:c.2577_2578insC:p.A859	NA	NA	NA
chr19	51841417	51841417	C	T	exonic	VSIG10L	nonsynonymous SNV	VSIG10L:NM_001163922:exon6:c.G1775A:p.R592Q	NA	rs34380065	NA
chr19	51850290	51850290	G	A	exonic	ETFB	nonsynonymous SNV	.4763:exon4:c.C734T:p.T245M,ETFB:NM_001985:exon5:c	NA	rs1130426	P
chr19	53381429	53381429	G	T	UTR3	ZNF320	NA	NA	NA	rs2162919	NA
chr19	53381495	53381507	TTTTTTTTT	-	UTR3	ZNF320	NA	NA	NA	rs71183850	NA
chr19	53431516	53431516	T	C	ncRNA_exonic	ZNF321P	NA	NA	NA	rs12984436	NA
chr19	53914545	53914545	-	T	UTR3	ZNF765	NA	NA	NA	NA	NA
chr19	53996692	53996695	TTTC	-	UTR3	ZNF813	NA	NA	NA	rs139084525	NA
chr19	54378454	54378467	iTGTGTGTG	-	UTR3	MYADM	NA	NA	NA	NA	NA
chr19	54726870	54726870	C	G	UTR5	LILRB3	NA	NA	NA	rs117942579	NA
chr19	54962467	54962467	G	A	UTR5	LENG8	NA	NA	NA	rs1035451	NA
chr19	55247827	55247827	-	TCCT	UTR3	KIR3DL3	NA	NA	NA	NA	NA
chr19	55247987	55247987	-	:CTTTCCTC/	UTR3	KIR3DL3	NA	NA	NA	NA	NA
chr19	55253544	55253544	A	G	exonic	KIR2DL3	synonymous SNV	KIR2DL3:NM_015868:exon3:c.A189G:p.E63E	NA	rs34790392	NA
chr19	55253552	55253552	T	A	exonic	KIR2DL3	nonsynonymous SNV	KIR2DL3:NM_015868:exon3:c.T197A:p.F66Y	ID=COSM321259;OCCURENCE=1(lung)	rs673568	NA
chr19	55253601	55253601	G	A	exonic	KIR2DL3	synonymous SNV	KIR2DL3:NM_015868:exon3:c.G246A:p.K82K	NA	rs201337670	NA
chr19	55294454	55294454	C	T	exonic	KIR2DL1	nonsynonymous SNV	KIR2DL1:NM_014218:exon6:c.C796T:p.R266C	NA	rs151328241	NA
chr19	55330019	55330019	C	T	exonic	KIR3DL1	nonsynonymous SNV	KIR3DL1:NM_013289:exon3:c.C320T:p.S107L	NA	rs143159382	NA
chr19	55358681	55358681	T	A	exonic	KIR2DS4	unknown	UNKNOWN	NA	NA	NA
chr19	55401412	55401412	T	C	UTR3	FCAR	NA	NA	NA	rs59103589	NA
chr19	55401447	55401447	G	T	UTR3	FCAR	NA	NA	NA	rs58560391	NA
chr19	55401474	55401474	T	C	UTR3	FCAR	NA	NA	NA	rs60304316	NA
chr19	55401481	55401481	A	G	UTR3	FCAR	NA	NA	NA	rs59309328	NA
chr19	55424424	55424426	TTT	-	UTR3	NCR1	NA	NA	NA	rs200857637	NA
chr19	55435140	55435140	T	C	exonic	NLRP7	nonsynonymous SNV	A,NLRP7:NM_001127255:exon11:c.A3082G:p.T1028A,NL	NA	rs7256020	B
chr19	55441995	55441995	A	G	exonic	NLRP7	synonymous SNV	.Y894Y,NLRP7:NM_139176:exon9:c.T2598C:p.Y866Y,NLR	NA	rs269951	NA
chr19	55715309	55715309	C	T	exonic	PTPRH	nonsynonymous SNV	PTPRH:NM_002842:exon5:c.G727A:p.V243I	NA	rs45535035	B
chr19	55715319	55715319	C	G	exonic	PTPRH	synonymous SNV	PTPRH:NM_002842:exon5:c.G717C:p.S239S	NA	rs9304763	NA
chr19	56047448	56047448	A	G	exonic	SBK2	nonsynonymous SNV	SBK2:NM_001101401:exon2:c.T214C:p.C72R	NA	rs310453	B
chr19	56162776	56162776	C	T	exonic	CCDC106	synonymous SNV	CCDC106:NM_013301:exon5:c.C441T:p.S147S	NA	rs2287791	NA
chr19	56388364	56388364	T	A	exonic	NLRP4	stopgain SNV	NLRP4:NM_134444:exon8:c.T2528A:p.L843X	NA	NA	NA
chr19	57770975	57770975	T	C	UTR3	ZNF805	NA	NA	NA	rs10420472	NA
chr19	57841082	57841082	G	A	UTR3	ZNF543	NA	NA	NA	rs78764250	NA
chr19	58968875	58968875	A	C	UTR3	ZNF324B	NA	NA	NA	rs1077420	NA
chr20	3677736	3677736	T	G	exonic	SIGLEC1	synonymous SNV	SIGLEC1:NM_023068:exon9:c.A2376C:p.V792V	NA	rs673114	NA
chr20	3762095	3762095	T	C	UTR5	SPEF1	NA	NA	NA	rs2281479	NA
chr20	6104068	6104068	C	T	UTR5	FERMT1	NA	NA	NA	rs2295433	NA
chr20	13695607	13695607	T	G	exonic	ESF1	nonsynonymous SNV	i380:exon14:c.A2470C:p.I824L,ESF1:NM_016649:exon14:	NA	rs34414644	B
chr20	17463053	17463053	G	A	UTR3	PCSK2	NA	NA	NA	NA	NA
chr20	25124088	25124088	G	A	ncRNA_exonic	LOC284798	NA	NA	NA	rs6050363	NA
chr20	25752057	25752057	G	A	ncRNA_exonic	FAM182B	NA	NA	NA	NA	NA
chr20	26064330	26064330	C	T	ncRNA_exonic	FAM182A	NA	NA	NA	rs151022794	NA
chr20	26064408	26064408	T	A	ncRNA_exonic	FAM182A	NA	NA	NA	NA	NA
chr20	29623159	29623159	A	G	ncRNA_exonic	FRG1B	NA	NA	NA	NA	NA
chr20	29632638	29632638	C	A	ncRNA_exonic	FRG1B	NA	NA	NA	rs9647043	NA
chr20	29633900	29633900	A	G	ncRNA_exonic	FRG1B	NA	NA	ID=COSM1136772,COSM1136771;OCCURENCE=1(kidney)	rs60081496	NA
chr20	31505189	31505189	C	T	intergenic	list=66978),SUN5(di	NA	NA	NA	rs13043425	NA
chr20	31627291	31627291	A	G	exonic	BPIFB6	nonsynonymous SNV	BPIFB6:NM_174897:exon10:c.A1039G:p.S347G	NA	rs4911287	B
chr20	31676804	31676804	A	C	exonic	BPIFB4	nonsynonymous SNV	BPIFB4:NM_182519:exon6:c.A959C:p.N320T	NA	rs2889732	D
chr20	35740794	35740794	T	C	exonic	MROH8	unknown	UNKNOWN	NA	rs1744760	NA
chr20	42170327	42170327	C	T	UTR3	L3MBTL1	NA	NA	NA	rs1062943	NA
chr20	48570261	48570261	A	G	UTR3	RNF114	NA	NA	NA	rs141239729	NA
chr20	52184901	52184901	A	C	UTR3	ZNF217	NA	NA	NA	NA	NA
chr20	52560856	52560857	TT	-	UTR3	BCAS1	NA	NA	NA	NA	NA
chr20	52836074	52836074	T	C	UTR3	PFDN4	NA	NA	NA	rs6023044	NA
chr20	55940426	55940426	G	A	exonic	RAE1	synonymous SNV	.5885:exon5:c.G303A:p.V101V,RAE1:NM_003610:exon5:c	NA	rs6099582	NA
chr20	57571763	57571763	A	G	exonic	CTSZ	synonymous SNV	CTSZ:NM_001336:exon5:c.T732C:p.S244S	NA	rs9760	NA
chr20	57609945	57609945	C	A	ncRNA_UTR3	SLMO2	NA	NA	NA	NA	NA

chr20	57609945	57609945	-	A	ncRNA_UTR3	SLMO2	NA	NA	NA	NA	NA
chr20	60709531	60709531	T	-	UTR3	LSM14B	NA	NA	NA	rs11477488	NA
chr20	61941747	61941747	A	G	exonic	COL20A1	synonymous SNV	COL20A1:NM_020882:exon11:c.A1278G:p.G426G	NA	rs4809287	NA
chr21	15558346	15558346	G	A	exonic	LIPI	synonymous SNV	LIPI:NM_198996:exon3:c.C540T:p.S180S	NA	rs397517	NA
chr21	15646405	15646405	C	A	ncRNA_exonic	ABCC13	NA	NA	NA	rs2236001	NA
chr21	26969703	26969703	T	C	exonic	MRPL39	synonymous SNV	446:exon6:c.A612G:p.K204K,MRPL39:NM_080794:exon6	NA	rs1135618	NA
chr21	31964885	31964885	T	G	exonic	KRTAP6-3	nonsynonymous SNV	KRTAP6-3:NM_181605:exon1:c.T121G:p.C41G	NA	NA	NA
chr21	34923934	34923934	T	C	exonic	SON	synonymous SNV	195:exon3:c.T2397C:p.S799S,SON:NM_138927:exon3:c.TC0SM1030344,COSM1030343;OCCURENCE=2(endometrii	rs200724919	NA	NA
chr21	35237608	35237608	T	C	exonic	ITSN1	synonymous SNV	ITSN1:NM_003024:exon32:c.T4044C:p.D1348D	NA	rs9976801	NA
chr21	38121746	38121750	TGACT	-	UTR3	SIM2	NA	NA	NA	rs113168269	NA
chr21	38391582	38391582	A	G	UTR3	DSCR6	NA	NA	NA	rs188497473	NA
chr21	43131734	43131734	T	A	ncRNA_exonic	LINC00479	NA	NA	NA	rs2838094	NA
chr21	43306769	43306769	T	-	UTR3	C2CD2	NA	NA	NA	rs11347156	NA
chr21	44451935	44451935	-	A	UTR3	PKNOX1	NA	NA	NA	rs138842830	NA
chr21	45647837	45647853	ACCACCCC	-	UTR3	ICOSLG	NA	NA	NA	rs67226187	NA
chr22	17469049	17469049	C	A	exonic	GAB4	stopgain SNV	GAB4:NM_001037814:exon3:c.G487T:p.G163X	NA	rs28502153	NA
chr22	18520582	18520582	G	A	ncRNA_exonic	FLJ41941	NA	NA	NA	rs975826	NA
chr22	18775061	18775061	G	A	ncRNA_exonic	GGT3P	NA	NA	NA	rs189425726	NA
chr22	20387276	20387276	A	G	ncRNA_exonic	PI4KAP1	NA	NA	NA	rs2629350	NA
chr22	20390444	20390444	A	G	ncRNA_exonic	PI4KAP1	NA	NA	NA	rs1892850	NA
chr22	22054764	22054764	-	T	UTR3	YPEL1	NA	NA	NA	NA	NA
chr22	24314006	24314006	G	T	UTR3	DDTL	NA	NA	NA	rs1006771	NA
chr22	25006264	25006264	A	C	UTR5	GGT1	NA	NA	NA	rs199833779	NA
chr22	25023441	25023441	C	T	exonic	GGT1	nonsynonymous SNV	2365:exon12:c.C1063T:p.R355W,GGT1:NM_005265:exon:	NA	rs200419006	B
chr22	25024072	25024072	G	T	exonic	GGT1	nonsynonymous SNV	2365:exon14:c.G1361T:p.C454F,GGT1:NM_005265:exon:	NA	rs199681469	D
chr22	25043061	25043061	-	CCGG	ncRNA_exonic	POM121L10P	NA	NA	NA	NA	NA
chr22	26847961	26847972	CGCGCGCG	-	UTR3	HPS4	NA	NA	NA	NA	NA
chr22	29754944	29754944	T	G	exonic	AP1B1	nonsynonymous SNV	199T,AP1B1:NM_001166019:exon5:c.A296C:p.N99T,AP1B1	NA	NA	D
chr22	39079921	39079921	T	-	UTR3	TOMM22	NA	NA	NA	NA	NA
chr22	44276171	44276171	T	G	UTR3	PNPLA5	NA	NA	NA	rs470093	NA
chr22	44708655	44708655	T	C	UTR5	KIAA1644	NA	NA	NA	rs7510924	NA
chr22	45592689	45592689	T	G	UTR3	KIAA0930	NA	NA	NA	NA	NA
chrX	7023835	7023835	G	A	exonic	HDHD1	nonsynonymous SNV	178136:exon2:c.C106T:p.R36C,HDHD1:NM_012080:exon:	NA	NA	NA
chrX	8433461	8433461	T	C	UTR5	VCX3B	NA	NA	ID=COSN414126;OCCURENCE=1(urinary_tract)	rs200308612	NA
chrX	11129475	11129475	-	GGC	UTR5	HCCS	NA	NA	NA	rs35297358	NA
chrX	16859628	16859628	G	A	exonic	TXLNG	synonymous SNV	683:exon8:c.G930A:p.Q310Q,TXLNG:NM_018360:exon10	NA	rs5924530	NA
chrX	28807442	28807442	G	A	UTR5	IL1RAPL1	NA	NA	ID=COSN414057,COSN414056;OCCURENCE=2(urinary_tract)	rs6526806	NA
chrX	47341999	47341999	-	CGTGCGCG	UTR5	ZNF41	NA	NA	NA	NA	NA
chrX	48045837	48045837	T	C	UTR3	SSX5	NA	NA	NA	rs184913384	NA
chrX	48206014	48206023	GTGTGTGTC	-	UTR3	SSX3	NA	NA	NA	rs72172699	NA
chrX	48770831	48770831	-	A	UTR3	PIM2	NA	NA	NA	NA	NA
chrX	48847497	48847497	T	C	exonic	GRIPAP1	synonymous SNV	672:exon6:c.A324G:p.E108E,GRIPAP1:NM_020137:exon7	NA	rs11545861	NA
chrX	68061228	68061228	-	C	UTR3	EFNB1	NA	NA	NA	NA	NA
chrX	73037544	73037544	C	A	ncRNA_exonic	TSIX	NA	NA	NA	rs5937751	NA
chrX	91089881	91089881	C	G	UTR5	PCDH11X	NA	NA	NA	rs3795211	NA
chrX	1.1E+08	1.1E+08	GAGG	-	UTR3	CHRD1	NA	NA	NA	rs71931043	NA
chrX	1.19E+08	1.19E+08	G	A	exonic	CXorf56	synonymous SNV	1111G,CXorf56:NM_001170569:exon4:c.C228T:p.G76G,C	NA	rs5910611	NA
chrX	1.31E+08	1.31E+08	GA	-	UTR3	RAP2C	NA	NA	NA	NA	NA
chrX	1.41E+08	1.41E+08	G	C	exonic	MAGEC1	nonsynonymous SNV	MAGEC1:NM_005462:exon4:c.G841C:p.V281L	NA	rs176044	NA
chrX	1.48E+08	1.48E+08	G	A	UTR3	AFF2	NA	NA	NA	rs144890448	NA
chrX	1.52E+08	1.52E+08	C	T	UTR3	PNMA5	NA	NA	NA	NA	NA
chrX	1.52E+08	1.52E+08	A	G	UTR3	PNMA5	NA	NA	NA	NA	NA
chrX	1.53E+08	1.53E+08	TCTCTCTCT	-	UTR3	BGN	NA	NA	NA	rs36205859	NA

H2O2 Mutations											
Chr	Start	End	Ref	Alt	Func.refGene	Gene.refGene	ExonicFunc.refGene	AAChange.refGene	cosmic64	snp137	PolyPhen2 Pred
chr1		69511	A	G	exonic	OR4F5	nonsynonymous SNV	OR4F5:NM_001005484:exon1:c.A421G:p.T141A	NA	rs2691305	B
chr1	663815	663815	G	A	ncRNA_exonic	LOC100133331	NA	NA	NA	rs67356487	NA
chr1	788844	788844	C	G	ncRNA_exonic	LOC643837	NA	NA	NA	rs10159337	NA
chr1	1263706	1263706	T	C	UTR3	GLTPD1	NA	NA	NA	NA	NA
chr1	1375814	1375814	A	C	UTR3	VWA1	NA	NA	NA	NA	NA
chr1	1375819	1375819	A	C	UTR3	VWA1	NA	NA	NA	rs146709436	NA
chr1	1469598	1469598	C	G	UTR3	ATAD3A	NA	NA	NA	rs9439464	NA
chr1	1886475	1886475	C	A	UTR3	KIAA1751	NA	NA	NA	NA	NA
chr1	1900232	1900232	T	C	exonic	KIAA1751	nonsynonymous SNV	KIAA1751:NM_001080484:exon11:c.A1087G:p.I363V	NA	rs16824588	NA
chr1	2123473	2123473	T	C	UTR3	C1orf86	NA	NA	NA	NA	NA
chr1	2282610	2282610	T	G	ncRNA_exonic	LOC100129534	NA	NA	NA	NA	NA
chr1	2984087	2984087	C	A	ncRNA_exonic	FLJ42875	NA	NA	NA	rs2297829	NA
chr1	3352764	3352764	T	-	UTR3	PRDM16	NA	NA	NA	rs35439737	NA
chr1	6526858	6526858	A	-	UTR3	PLEKHG5	NA	NA	NA	NA	NA
chr1	7828174	7828174	A	-	UTR3	CAMTA1	NA	NA	NA	rs59402168	NA
chr1	10439620	10439620	-	G	UTR3	KIF1B	NA	NA	NA	NA	NA
chr1	12203319	12203319	T	C	UTR3	TNFRSF8	NA	NA	NA	NA	NA
chr1	12788406	12788406	G	A	UTR3	AADACL3	NA	NA	NA	rs3000929	NA
chr1	12854068	12854068	T	C	exonic	PRAMEF1	nonsynonymous SNV	PRAMEF1:NM_023013:exon3:c.T292C:p.W98R	NA	rs71245736	P
chr1	12856010	12856010	C	G	exonic	PRAMEF1	nonsynonymous SNV	PRAMEF1:NM_023013:exon4:c.C1290G:p.F430L	NA	rs2142947	B
chr1	12856111	12856111	C	T	exonic	PRAMEF1	nonsynonymous SNV	PRAMEF1:NM_023013:exon4:c.C1391T:p.P464L	NA	rs2982215	D
chr1	12887453	12887453	C	T	exonic	PRAMEF11	nonsynonymous SNV	PRAMEF11:NM_001146344:exon3:c.G404A:p.R135K	NA	rs2486714	NA
chr1	12887480	12887480	C	T	exonic	PRAMEF11	nonsynonymous SNV	PRAMEF11:NM_001146344:exon3:c.G377A:p.C126Y	NA	NA	NA
chr1	12919044	12919044	T	C	exonic	PRAMEF2	synonymous SNV	PRAMEF2:NM_023014:exon2:c.T180C:p.P60P	NA	NA	NA
chr1	12921265	12921265	G	A	exonic	PRAMEF2	synonymous SNV	PRAMEF2:NM_023014:exon4:c.G1056A:p.E352E	NA	rs151184374	NA
chr1	12921272	12921272	G	A	exonic	PRAMEF2	nonsynonymous SNV	PRAMEF2:NM_023014:exon4:c.G1063A:p.V355M	NA	rs145044541	B
chr1	12921274	12921274	G	C	exonic	PRAMEF2	synonymous SNV	PRAMEF2:NM_023014:exon4:c.G1065C:p.V355V	NA	rs17039302	NA
chr1	12941832	12941832	T	C	exonic	PRAMEF4	nonsynonymous SNV	PRAMEF4:NM_001009611:exon3:c.A718G:p.I240V	NA	rs6686974	NA
chr1	12942930	12942930	G	A	exonic	PRAMEF4	nonsynonymous SNV	PRAMEF4:NM_001009611:exon2:c.C286T:p.R96C	NA	rs2994117	NA
chr1	12953195	12953195	C	T	exonic	PRAMEF10	nonsynonymous SNV	PRAMEF10:NM_001039361:exon4:c.G977A:p.R326H	NA	rs201422133	B
chr1	13036294	13036294	G	T	exonic	PRAMEF22	nonsynonymous SNV	PRAMEF22:NM_001100631:exon2:c.G366T:p.R122S	NA	rs200761485	D
chr1	13183188	13183188	T	A	exonic	LOC440563	nonsynonymous SNV	LOC440563:NM_001136561:exon2:c.A685T:p.M229L	NA	rs144308453	NA
chr1	13183528	13183528	A	C	exonic	LOC440563	nonsynonymous SNV	LOC440563:NM_001136561:exon2:c.T345G:p.F115L	NA	rs76937665	NA
chr1	13183532	13183532	C	T	exonic	LOC440563	nonsynonymous SNV	LOC440563:NM_001136561:exon2:c.G341A:p.G114D	NA	rs77505369	NA
chr1	13183533	13183533	C	T	exonic	LOC440563	nonsynonymous SNV	LOC440563:NM_001136561:exon2:c.G340A:p.G114S	NA	rs77556803	NA
chr1	13183780	13183780	A	C	exonic	LOC440563	synonymous SNV	LOC440563:NM_001136561:exon2:c.T93G:p.S31S	OSN199380;OCCURENCE=1(large_intes	rs116484938	NA
chr1	15439082	15439082	A	G	ncRNA_exonic	TMEM51-AS1	NA	NA	NA	NA	NA
chr1	15439098	15439098	C	T	ncRNA_exonic	TMEM51-AS1	NA	NA	NA	rs114844404	NA
chr1	15440343	15440343	T	G	ncRNA_exonic	TMEM51-AS1	NA	NA	NA	NA	NA
chr1	15444487	15444487	G	A	ncRNA_UTR3	KAZN	NA	NA	NA	rs2235783	NA
chr1	15896199	15896199	G	A	UTR3	DNAJC16	NA	NA	NA	rs2145397	NA
chr1	16333143	16333146	AATA	-	UTR3	C1orf64	NA	NA	NA	rs146554621	NA
chr1	16385178	16385178	G	A	exonic	FAM131C	synonymous SNV	FAM131C:NM_182623:exon7:c.C597T:p.P199P	JSM676526;OCCURENCE=1(prostate),1	rs80297394	NA
chr1	16793964	16793964	C	T	ncRNA_exonic	CROCCP3	NA	NA	NA	NA	NA
chr1	16890428	16890428	T	A	UTR3	NBPF1	NA	NA	NA	rs3900708	NA
chr1	16913677	16913677	T	C	exonic	NBPF1	unknown	UNKNOWN	NA	rs200743207	NA
chr1	16945182	16945184	AAT	-	ncRNA_exonic	CROCCP2	NA	NA	ID=COSN385177;OCCURENCE=1(lung)	NA	NA
chr1	16945409	16945409	T	A	ncRNA_exonic	CROCCP2	NA	NA	NA	rs13566	NA
chr1	16945504	16945504	C	T	ncRNA_exonic	CROCCP2	NA	NA	NA	rs11378	NA
chr1	16973095	16973095	G	C	ncRNA_exonic	MST1P2	NA	NA	NA	rs75521993	NA
chr1	16974021	16974021	G	A	ncRNA_exonic	MST1P2	NA	NA	NA	rs142740321	NA
chr1	16975268	16975268	T	C	ncRNA_exonic	MST1P2	NA	NA	NA	rs199945491	NA
chr1	16976641	16976641	C	T	ncRNA_exonic	MST1P2	NA	NA	NA	rs1057417	NA
chr1	16976649	16976649	C	T	ncRNA_exonic	MST1P2	NA	NA	NA	rs1057333	NA
chr1	16976681	16976681	G	T	ncRNA_exonic	MST1P2	NA	NA	ID=COSN162976;OCCURENCE=1(breast)	rs3175284	NA
chr1	16976825	16976825	C	A	ncRNA_exonic	MST1P2	NA	NA	ID=COSN404465;OCCURENCE=1(lung)	rs2761525	NA
chr1	17023126	17023126	C	G	ncRNA_exonic	ESPMP	NA	NA	NA	rs2610633	NA
chr1	17082975	17082975	A	G	UTR3	MST1L	NA	NA	NA	rs1033403	NA
chr1	17083101	17083101	A	G	UTR3	MST1L	NA	NA	NA	rs199727569	NA
chr1	17083787	17083787	G	A	exonic	MST1L	synonymous SNV	MST1L:NM_001271733:exon15:c.C2010T:p.A670A	NA	rs201551314	NA
chr1	22418253	22418253	G	T	UTR3	CDC42	NA	NA	NA	NA	NA
chr1	23518535	23518535	T	G	UTR3	HTR1D	NA	NA	NA	NA	NA
chr1	23518571	23518571	T	G	UTR3	HTR1D	NA	NA	NA	NA	NA
chr1	23695629	23695629	T	G	ncRNA_exonic	C1orf213	NA	NA	NA	NA	NA

chr1	26161107	26161108	AA	-	UTR3	AUNIP	NA	NA	NA	rs139695812	NA
chr1	26608814	26608814	A	G	exonic	UBXN11	synonymous SNV	79C:p.P393P,UBXN11:NM_145345:exon15:c.T1440C:p.P480P,UBXN11:	NA	rs6672357	NA
chr1	26608823	26608823	A	G	exonic	UBXN11	synonymous SNV	70C:p.S390S,UBXN11:NM_145345:exon15:c.T1431C:p.S477S,UBXN11:	NA	rs61775084	NA
chr1	26608829	26608829	G	A	exonic	UBXN11	synonymous SNV	i4T:p.G388G,UBXN11:NM_145345:exon15:c.C1425T:p.G475G,UBXN11	NA	rs61775085	NA
chr1	26608831	26608831	C	T	exonic	UBXN11	nonsynonymous SNV	i2A:p.G388S,UBXN11:NM_145345:exon15:c.G1423A:p.G475S,UBXN11	NA	rs61775086	NA
chr1	26608835	26608835	A	T	exonic	UBXN11	synonymous SNV	8A:p.G386G,UBXN11:NM_145345:exon15:c.T1419A:p.G473G,UBXN11	NA	rs61775087	NA
chr1	26797045	26797045	A	C	UTR3	DHDDS	NA	NA	NA	NA	NA
chr1	27190855	27190855	T	C	UTR3	SFN	NA	NA	NA	rs112547702	NA
chr1	27248273	27248273	C	A	UTR5	NUDC	NA	NA	NA	rs41311274	NA
chr1	28087357	28087357	A	T	UTR3	FAM76A	NA	NA	NA	NA	NA
chr1	28087366	28087366	C	T	UTR3	FAM76A	NA	NA	NA	NA	NA
chr1	28087368	28087368	A	T	UTR3	FAM76A	NA	NA	NA	NA	NA
chr1	28087371	28087371	C	T	UTR3	FAM76A	NA	NA	NA	NA	NA
chr1	28473786	28473786	T	G	UTR3	PTAFR	NA	NA	NA	NA	NA
chr1	29063236	29063236	G	A	UTR5	YTHDF2	NA	NA	NA	rs3738067	NA
chr1	31838551	31838551	-	A	UTR3	FABP3	NA	NA	NA	NA	NA
chr1	32799514	32799514	A	-	UTR3	MARCKSL1	NA	NA	NA	rs113450741	NA
chr1	33475967	33475967	G	A	UTR3	AK2	NA	NA	NA	rs74066437	NA
chr1	36386884	36386884	C	T	UTR3	AGO1	NA	NA	NA	NA	NA
chr1	36386884	36386884	-	T	UTR3	AGO1	NA	NA	NA	NA	NA
chr1	38226760	38226760	-	AA	UTR3	EPHA10	NA	NA	NA	NA	NA
chr1	38267253	38267253	G	A	UTR3	MANEAL	NA	NA	NA	rs28489009	NA
chr1	39879211	39879211	A	G	exonic	KIAA0754	nonsynonymous SNV	KIAA0754:NM_015038:exon1:c.A3274G:p.T1092A	NA	NA	NA
chr1	39879379	39879379	C	G	exonic	KIAA0754	nonsynonymous SNV	KIAA0754:NM_015038:exon1:c.C3442G:p.P1148A	NA	rs34074681	NA
chr1	39976865	39976865	G	A	exonic	BMP8A	synonymous SNV	BMP8A:NM_181809:exon2:c.G354A:p.L118L	NA	NA	NA
chr1	40149642	40149642	G	T	exonic	HPCAL4	synonymous SNV	HPCAL4:NM_016257:exon3:c.C345A:p.R115R	NA	rs784634	NA
chr1	41154813	41154813	C	G	ncRNA_exonic	LOC100130557	NA	NA	NA	rs552147	NA
chr1	43272841	43272841	A	T	UTR3	CCDC23	NA	NA	NA	rs1044898	NA
chr1	43747937	43747937	-	A	UTR3	C1orf210	NA	NA	NA	NA	NA
chr1	44600190	44600191	CT	-	UTR3	KLF17	NA	NA	NA	rs34068395	NA
chr1	46806393	46806393	T	C	UTR5	NSUN4	NA	NA	NA	rs41293273	NA
chr1	46806429	46806429	A	T	UTR5	NSUN4	NA	NA	NA	rs41293275	NA
chr1	47905783	47905785	TTT	-	UTR3	FOXD2	NA	NA	NA	rs56809638	NA
chr1	50667062	50667062	-	A	UTR3	ELAVL4	NA	NA	NA	NA	NA
chr1	53291327	53291328	AA	-	UTR3	ZYG11B	NA	NA	NA	NA	NA
chr1	53535478	53535478	G	A	exonic	PODN	nonsynonymous SNV	M_153703:exon2:c.G95A:p.R32H,PODN:NM_001199081:exon3:c.G38/	NA	rs1288386	P
chr1	61869783	61869783	G	A	exonic	NFIA	synonymous SNV	J01145511:exon8:c.G1059A:p.P353P,NFIA:NM_005595:exon8:c.G108:	NA	rs2236059	NA
chr1	61922425	61922425	A	-	UTR3	NFIA	NA	NA	NA	rs67346536	NA
chr1	65901244	65901244	G	T	UTR3	LEPROT	NA	NA	NA	NA	NA
chr1	67465988	67465988	A	-	UTR3	SLC35D1	NA	NA	NA	rs36007577	NA
chr1	67465989	67465989	A	T	UTR3	SLC35D1	NA	NA	NA	NA	NA
chr1	89446108	89446108	T	-	UTR3	RBMXL1	NA	NA	NA	NA	NA
chr1	89448896	89448896	A	T	exonic	RBMXL1	nonsynonymous SNV	_019610:exon2:c.T614A:p.V205D,RBMXL1:NM_001162536:exon3:c.T6	NA	rs200284841	B
chr1	90486412	90486412	T	G	exonic	ZNF326	synonymous SNV	ZNF326:NM_182976:exon10:c.T1236G:p.V412V	NA	rs2816881	NA
chr1	94586693	94586693	G	A	UTR5	ABCA4	NA	NA	NA	rs200102393	NA
chr1	94995411	94995411	C	A	UTR3	F3	NA	NA	NA	rs841691	NA
chr1	94995491	94995491	C	T	UTR3	F3	NA	NA	NA	rs841692	NA
chr1	95448279	95448279	G	A	UTR3	ALG14	NA	NA	NA	NA	NA
chr1	97279218	97279222	TTTTT	-	UTR3	PTBP2	NA	NA	NA	rs72223356	NA
chr1	1.1E+08	1.1E+08	A	-	UTR3	SORT1	NA	NA	NA	rs111233099	NA
chr1	1.1E+08	1.1E+08	T	-	UTR3	GNAI3	NA	NA	NA	NA	NA
chr1	1.11E+08	1.11E+08	-	C	UTR3	LRIF1	NA	NA	NA	rs142921680	NA
chr1	1.12E+08	1.12E+08	C	-	UTR3	CEPT1	NA	NA	NA	NA	NA
chr1	1.13E+08	1.13E+08	T	C	exonic	CTTNBP2NL	synonymous SNV	CTTNBP2NL:NM_018704:exon4:c.T234C:p.N78N	)=COSM146582;OCCURENCE=1(stomacl	rs2256883	NA
chr1	1.15E+08	1.15E+08	G	T	exonic	AMPD1	synonymous SNV	_001172626:exon3:c.C322A:p.R108R,AMPD1:NM_000036:exon4:c.C3:	NA	NA	NA
chr1	1.18E+08	1.18E+08	TT	-	UTR3	PTGFRN	NA	NA	NA	NA	NA
chr1	1.18E+08	1.18E+08	G	T	UTR3	TRIM45	NA	NA	NA	rs12118664	NA
chr1	1.2E+08	1.2E+08	T	C	exonic	WARS2	nonsynonymous SNV	WARS2:NM_015836:exon6:c.A866G:p.E289G	NA	NA	B
chr1	1.21E+08	1.21E+08	T	C	exonic	NOTCH2	nonsynonymous SNV	1_001200001:exon2:c.A137G:p.N46S,NOTCH2:NM_024408:exon2:c.A1	NA	rs141882865	B
chr1	1.21E+08	1.21E+08	C	T	exonic	NOTCH2	nonsynonymous SNV	1_001200001:exon2:c.G112A:p.E38K,NOTCH2:NM_024408:exon2:c.G1	NA	rs146242578	B
chr1	1.21E+08	1.21E+08	G	C	exonic	NOTCH2	nonsynonymous SNV	1_001200001:exon1:c.C57G:p.C19W,NOTCH2:NM_024408:exon1:c.C5:	NA	rs11810554	NA
chr1	1.21E+08	1.21E+08	G	A	exonic	NOTCH2	synonymous SNV	NM_001200001:exon1:c.C15T:p.R5R,NOTCH2:NM_024408:exon1:c.C1	NA	rs77243975	NA
chr1	1.21E+08	1.21E+08	G	T	UTR5	NOTCH2	NA	NA	NA	rs57122008	NA
chr1	1.21E+08	1.21E+08	G	A	UTR3	FCGR1B	NA	NA	NA	rs15571	NA
chr1	1.45E+08	1.45E+08	C	T	ncRNA_exonic	PFN1P2	NA	NA	NA	rs17855859	NA
chr1	1.45E+08	1.45E+08	T	G	exonic	NBPF8,NBPF9	unknown	UNKNOWN	NA	rs678781	NA

chr1	1.45E+08	1.45E+08	TATT	-	UTR3	PDE4DIP	NA	NA	NA	NA	NA
chr1	1.45E+08	1.45E+08	T	C	exonic	PDE4DIP	nonsynonymous SNV	p.E2223G,PDE4DIP:NM_014644:exon40:c.A6668G:p.E2223G,PDE4DIP:=COSM1127421;OCCURENCE=2(prostat	rs3844239	B	
chr1	1.45E+08	1.45E+08	T	C	exonic	SEC22B	unknown	UNKNOWN	NA	rs2590131	NA
chr1	1.45E+08	1.45E+08	C	T	exonic	SEC22B	unknown	UNKNOWN	NA	rs2794040	NA
chr1	1.45E+08	1.45E+08	A	G	UTR5	NOTCH2NL	NA	NA	SN404541,COSN404542;OCCURENCE=1	rs56159748	NA
chr1	1.45E+08	1.45E+08	A	G	exonic	NOTCH2NL	synonymous SNV	NOTCH2NL:NM_203458:exon3:c.A156G:p.R52R	NA	rs10910778	NA
chr1	1.45E+08	1.45E+08	C	T	exonic	NOTCH2NL	nonsynonymous SNV	NOTCH2NL:NM_203458:exon4:c.C473T:p.T158I	NA	rs75586173	D
chr1	1.45E+08	1.45E+08	T	G	UTR3	NOTCH2NL	NA	NA	NA	rs1062341	NA
chr1	1.45E+08	1.45E+08	G	A	UTR3	NOTCH2NL	NA	NA	NA	rs201876339	NA
chr1	1.45E+08	1.45E+08	G	A	UTR3	NOTCH2NL	NA	NA	NA	rs4649854	NA
chr1	1.45E+08	1.45E+08	G	A	UTR3	NOTCH2NL	NA	NA	NA	rs4649855	NA
chr1	1.45E+08	1.45E+08	A	G	UTR3	NOTCH2NL	NA	NA	NA	rs4649856	NA
chr1	1.45E+08	1.45E+08	G	A	UTR3	NOTCH2NL	NA	NA	NA	rs61814565	NA
chr1	1.45E+08	1.45E+08	A	C	UTR3	NOTCH2NL	NA	NA	NA	NA	NA
chr1	1.45E+08	1.45E+08	T	C	exonic	NBPF10	nonsynonymous SNV	NBPF10:NM_001039703:exon10:c.T1462C:p.S488P	M462841,COSM462842;OCCURENCE=2	rs199529643	NA
chr1	1.45E+08	1.45E+08	C	T	exonic	NBPF10	synonymous SNV	NBPF10:NM_001039703:exon14:c.C1983T:p.Y661Y	NA	NA	NA
chr1	1.45E+08	1.45E+08	A	G	exonic	NBPF10	nonsynonymous SNV	NBPF10:NM_001039703:exon14:c.A2014G:p.I672V	NA	NA	NA
chr1	1.45E+08	1.45E+08	T	C	intronic	NBPF10	NA	NA	NA	NA	NA
chr1	1.45E+08	1.45E+08	GAAGAC	-	intronic	NBPF10	NA	NA	NA	NA	NA
chr1	1.45E+08	1.45E+08	A	C	intronic	NBPF10	NA	NA	NA	rs12128680	NA
chr1	1.46E+08	1.46E+08	A	-	ncRNA_exonic	GNRHR2	NA	NA	NA	rs148070621	NA
chr1	1.47E+08	1.47E+08	A	G	UTR5	BCL9	NA	NA	NA	rs10900376	NA
chr1	1.49E+08	1.49E+08	G	A	exonic	NBPF16	nonsynonymous SNV	NBPF16:NM_001102663:exon16:c.G1777A:p.G593S	NA	rs201036679	B
chr1	1.49E+08	1.49E+08	A	G	exonic	NBPF16	nonsynonymous SNV	NBPF16:NM_001102663:exon16:c.A1828G:p.R610G	NA	rs16826707	B
chr1	1.49E+08	1.49E+08	A	C	exonic	NBPF16	synonymous SNV	NBPF16:NM_001102663:exon16:c.C1844C:p.P615P	NA	rs6695216	B
chr1	1.49E+08	1.49E+08	T	C	ncRNA_exonic	LOC388692	NA	NA	NA	rs61789482	NA
chr1	1.49E+08	1.49E+08	C	G	ncRNA_exonic	LOC388692	NA	NA	NA	rs144294857	NA
chr1	1.49E+08	1.49E+08	A	G	ncRNA_exonic	LOC388692	NA	NA	NA	rs2454126	NA
chr1	1.51E+08	1.51E+08	-	A	UTR3	GOLPH3L	NA	NA	NA	NA	NA
chr1	1.52E+08	1.52E+08	T	G	UTR3	CGN	NA	NA	NA	NA	NA
chr1	1.52E+08	1.52E+08	TTTCTTTC	-	UTR3	SNX27	NA	NA	NA	NA	NA
chr1	1.52E+08	1.52E+08	C	T	exonic	RPTN	nonsynonymous SNV	RPTN:NM_001122965:exon3:c.G1510A:p.G504R	NA	NA	B
chr1	1.52E+08	1.52E+08	T	C	exonic	RPTN	synonymous SNV	RPTN:NM_001122965:exon3:c.A1035G:p.Q345Q	NA	NA	NA
chr1	1.52E+08	1.52E+08	A	G	exonic	RPTN	synonymous SNV	RPTN:NM_001122965:exon3:c.T1014C:p.G338G	NA	NA	NA
chr1	1.52E+08	1.52E+08	T	A	exonic	HRNR	synonymous SNV	HRNR:NM_001009931:exon3:c.A6198T:p.P2066P	NA	NA	NA
chr1	1.52E+08	1.52E+08	C	T	exonic	HRNR	nonsynonymous SNV	HRNR:NM_001009931:exon3:c.G4241A:p.C1414Y	NA	rs111689937	NA
chr1	1.52E+08	1.52E+08	G	A	exonic	HRNR	synonymous SNV	HRNR:NM_001009931:exon3:c.C3993T:p.G1331G	NA	rs77559827	NA
chr1	1.52E+08	1.52E+08	C	T	exonic	FLG2	synonymous SNV	FLG2:NM_001014342:exon3:c.G2595A:p.S865S	NA	rs12738471	NA
chr1	1.52E+08	1.52E+08	A	G	exonic	FLG2	synonymous SNV	FLG2:NM_001014342:exon3:c.T1851C:p.S617S	=COSM1127384;OCCURENCE=1(prostat	rs6679449	NA
chr1	1.53E+08	1.53E+08	A	C	exonic	KPRP	nonsynonymous SNV	KPRP:NM_001025231:exon2:c.A845C:p.Y282S	NA	NA	D
chr1	1.53E+08	1.53E+08	A	C	exonic	KPRP	synonymous SNV	KPRP:NM_001025231:exon2:c.A891C:p.P297P	NA	NA	NA
chr1	1.53E+08	1.53E+08	T	A	exonic	LCE1D	synonymous SNV	LCE1D:NM_178352:exon2:c.T81A:p.P27P	NA	NA	NA
chr1	1.53E+08	1.53E+08	A	G	UTR3	LCE1C	NA	NA	NA	NA	NA
chr1	1.53E+08	1.53E+08	T	A	exonic	IVL	nonsynonymous SNV	IVL:NM_005547:exon2:c.T614A:p.L205H	NA	NA	NA
chr1	1.53E+08	1.53E+08	T	A	exonic	IVL	nonsynonymous SNV	IVL:NM_005547:exon2:c.T644A:p.L215H	NA	NA	NA
chr1	1.53E+08	1.53E+08	T	A	exonic	IVL	nonsynonymous SNV	IVL:NM_005547:exon2:c.T674A:p.L225H	NA	NA	NA
chr1	1.53E+08	1.53E+08	A	G	exonic	IVL	synonymous SNV	IVL:NM_005547:exon2:c.A1563G:p.K521K	NA	NA	NA
chr1	1.53E+08	1.53E+08	T	G	exonic	LOR	synonymous SNV	LOR:NM_000427:exon2:c.T822G:p.G274G	NA	NA	NA
chr1	1.53E+08	1.53E+08	G	A	exonic	LOR	synonymous SNV	LOR:NM_000427:exon2:c.G870A:p.G290G	NA	rs12043009	NA
chr1	1.54E+08	1.54E+08	A	-	UTR3	GATAD2B	NA	NA	NA	NA	NA
chr1	1.54E+08	1.54E+08	-	A	UTR3	TPM3	NA	NA	NA	NA	NA
chr1	1.55E+08	1.55E+08	T	C	UTR5	ADAR	NA	NA	NA	NA	NA
chr1	1.55E+08	1.55E+08	A	C	UTR5	ADAR	NA	NA	COSN416145;OCCURENCE=1(urinary_tr	NA	NA
chr1	1.55E+08	1.55E+08	T	G	exonic	KCNN3	nonsynonymous SNV	_001204087:exon1:c.A707C:p.H236P,KCNN3:NM_002249:exon1:c.A70	NA	NA	NA
chr1	1.55E+08	1.55E+08	T	C	ncRNA_exonic	GBAP1	NA	NA	NA	rs28445596	NA
chr1	1.55E+08	1.55E+08	G	A	ncRNA_exonic	GBAP1	NA	NA	NA	rs1057941	NA
chr1	1.55E+08	1.55E+08	A	C	exonic	RUSC1	synonymous SNV	1105203:exon2:c.A1089C:p.A363A,RUSC1:NM_001105204:exon2:c.A1	NA	NA	NA
chr1	1.55E+08	1.55E+08	A	C	exonic	RUSC1	nonsynonymous SNV	1105203:exon2:c.A1105C:p.T369P,RUSC1:NM_001105204:exon2:c.A1	NA	NA	D
chr1	1.58E+08	1.58E+08	C	T	UTR3	FCRL1	NA	NA	NA	rs1016849	NA
chr1	1.6E+08	1.6E+08	AC	-	UTR3	KCNJ10	NA	NA	NA	NA	NA
chr1	1.6E+08	1.6E+08	T	A	ncRNA_exonic	SUMO1P3	NA	NA	NA	NA	NA
chr1	1.61E+08	1.61E+08	-	A	UTR3	DEDD	NA	NA	NA	NA	NA
chr1	1.61E+08	1.61E+08	C	A	UTR5	PPOX	NA	NA	NA	rs2301286	NA
chr1	1.61E+08	1.61E+08	C	G	UTR3	MPZ	NA	NA	NA	NA	NA
chr1	1.62E+08	1.62E+08	A	G	exonic	FCGR3B	synonymous SNV	.T219C:p.L73L,FCGR3B:NM_001271036:exon3:c.T63C:p.L21L,FCGR3B:l	NA	rs447536	NA
chr1	1.63E+08	1.63E+08	ACAC	-	UTR3	RGS4	NA	NA	NA	rs5778313	NA

chr1	1.68E+08	1.68E+08	T	C	exonic	ADCY10	nonsynonymous SNV	01167749:exon14:c.A1630G:p.I544V,ADCY10:NM_018417:exon17:c.A	NA	rs2071921	NA
chr1	1.68E+08	1.68E+08	ACAC	-	UTR3	TIPRL	NA	NA	NA	rs66543118	NA
chr1	1.69E+08	1.69E+08	A	T	UTR3	ATP1B1	NA	NA	NA	NA	NA
chr1	1.77E+08	1.77E+08	C	A	exonic	FAM5B	nonsynonymous SNV	FAM5B:NM_021165:exon6:c.C975A:p.D325E	NA	NA	B
chr1	1.8E+08	1.8E+08	T	G	exonic	TOR1AIP1	nonsynonymous SNV	M_001267578:exon1:c.T32G:p.V11G,TOR1AIP1:NM_015602:exon1:c.T	NA	NA	B
chr1	1.83E+08	1.83E+08	-	GT	UTR3	NMNAT2	NA	NA	NA	NA	NA
chr1	1.84E+08	1.84E+08	T	G	UTR5	RGL1	NA	NA	NA	NA	NA
chr1	1.84E+08	1.84E+08	T	G	UTR5	RGL1	NA	NA	NA	NA	NA
chr1	1.85E+08	1.85E+08	TT	-	UTR3	RNF2	NA	NA	NA	NA	NA
chr1	1.86E+08	1.86E+08	A	C	exonic	PRG4	nonsynonymous SNV	001127709:exon5:c.A970C:p.T324P,PRG4:NM_001127708:exon6:c.A1=COSM1127223;OCCURENCE=1(prostat	NA	NA	NA
chr1	1.86E+08	1.86E+08	T	C	exonic	PRG4	synonymous SNV	001127709:exon5:c.T1059C:p.T353T,PRG4:NM_001127708:exon6:c.T1	NA	NA	NA
chr1	1.86E+08	1.86E+08	T	C	exonic	PRG4	synonymous SNV	_001127709:exon5:c.T1227C:p.T409T,PRG4:NM_001127708:exon6:c.T:	NA	NA	NA
chr1	1.86E+08	1.86E+08	A	C	exonic	PRG4	nonsynonymous SNV	001127709:exon5:c.A1252C:p.T418P,PRG4:NM_001127708:exon6:c.A	NA	NA	NA
chr1	1.86E+08	1.86E+08	T	C	exonic	PRG4	synonymous SNV	_001127709:exon5:c.T1275C:p.T425T,PRG4:NM_001127708:exon6:c.T:	NA	NA	NA
chr1	1.86E+08	1.86E+08	A	C	exonic	PRG4	nonsynonymous SNV	001127709:exon5:c.A1384C:p.T462P,PRG4:NM_001127708:exon6:c.A	NA	NA	NA
chr1	1.86E+08	1.86E+08	T	C	exonic	PRG4	synonymous SNV	_001127709:exon5:c.T1413C:p.T471T,PRG4:NM_001127708:exon6:c.T:	NA	NA	NA
chr1	1.86E+08	1.86E+08	T	C	exonic	PRG4	synonymous SNV	_001127709:exon5:c.T1485C:p.T495T,PRG4:NM_001127708:exon6:c.T.V392936;OCCURENCE=2(lung),2(endon	NA	NA	NA
chr1	1.86E+08	1.86E+08	A	C	exonic	PRG4	nonsynonymous SNV	001127709:exon5:c.A1510C:p.T504P,PRG4:NM_001127708:exon6:c.A=COSM1127220;OCCURENCE=1(prostat	NA	NA	NA
chr1	1.86E+08	1.86E+08	G	C	exonic	PRG4	synonymous SNV	001127709:exon5:c.G1596C:p.T532T,PRG4:NM_001127708:exon6:c.G	NA	NA	NA
chr1	1.86E+08	1.86E+08	A	C	exonic	PRG4	nonsynonymous SNV	001127709:exon5:c.A2140C:p.T714P,PRG4:NM_001127708:exon6:c.A	NA	NA	NA
chr1	1.97E+08	1.97E+08	C	A	exonic	CFHR2	nonsynonymous SNV	CFHR2:NM_005666:exon2:c.C76A:p.P26T	NA	NA	D
chr1	1.97E+08	1.97E+08	C	G	UTR3	CFHR5	NA	NA	NA	NA	NA
chr1	1.97E+08	1.97E+08	-	A	UTR3	ZBTB41	NA	NA	NA	rs138564806	NA
chr1	2.01E+08	2.01E+08	TTC	-	UTR3	KIF14	NA	NA	NA	rs146486278	NA
chr1	2.01E+08	2.01E+08	C	T	exonic	IGFN1	synonymous SNV	IGFN1:NM_001164586:exon12:c.C4815T:p.D1605D	NA	NA	NA
chr1	2.01E+08	2.01E+08	T	C	exonic	IGFN1	nonsynonymous SNV	IGFN1:NM_001164586:exon12:c.T4823C:p.V1608A	NA	rs201505263	NA
chr1	2.01E+08	2.01E+08	T	G	exonic	IGFN1	nonsynonymous SNV	IGFN1:NM_001164586:exon12:c.T5099G:p.V1700G	NA	NA	NA
chr1	2.01E+08	2.01E+08	A	G	exonic	IGFN1	nonsynonymous SNV	IGFN1:NM_001164586:exon12:c.A5288G:p.D1763G	NA	rs74428176	NA
chr1	2.01E+08	2.01E+08	C	G	exonic	IGFN1	nonsynonymous SNV	IGFN1:NM_001164586:exon12:c.C5300G:p.A1767G	NA	rs1772845	NA
chr1	2.01E+08	2.01E+08	T	G	exonic	IGFN1	nonsynonymous SNV	IGFN1:NM_001164586:exon12:c.T5359G:p.W1787G	NA	rs1772844	NA
chr1	2.01E+08	2.01E+08	A	G	exonic	IGFN1	nonsynonymous SNV	IGFN1:NM_001164586:exon12:c.A6256G:p.T2086A	NA	rs1772839	NA
chr1	2.01E+08	2.01E+08	A	G	exonic	IGFN1	nonsynonymous SNV	IGFN1:NM_001164586:exon12:c.A6296G:p.E2099G	NA	rs200678915	NA
chr1	2.01E+08	2.01E+08	A	-	UTR3	TNNI1	NA	NA	NA	rs35058233	NA
chr1	2.02E+08	2.02E+08	-	A	UTR3	IPO9	NA	NA	NA	NA	NA
chr1	2.02E+08	2.02E+08	G	A	UTR3	IPO9	NA	NA	NA	rs116072433	NA
chr1	2.02E+08	2.02E+08	G	T	UTR3	IPO9	NA	NA	NA	rs72742088	NA
chr1	2.02E+08	2.02E+08	C	-	UTR3	IPO9	NA	NA	NA	rs112011484	NA
chr1	2.02E+08	2.02E+08	A	-	UTR3	ELF3	NA	NA	NA	rs11303270	NA
chr1	2.02E+08	2.02E+08	A	C	UTR3	GPR37L1	NA	NA	NA	NA	NA
chr1	2.02E+08	2.02E+08	TT	-	UTR3	GPR37L1	NA	NA	NA	NA	NA
chr1	2.02E+08	2.02E+08	T	G	UTR5	PPP1R12B	NA	NA	NA	NA	NA
chr1	2.04E+08	2.04E+08	T	-	exonic	KISS1	stoploss SNV	KISS1:NM_002256:exon3:c.417delA:p.X139W	NA	rs71745629	NA
chr1	2.04E+08	2.04E+08	A	T	ncRNA_exonic	LINC00628	NA	NA	NA	NA	NA
chr1	2.05E+08	2.05E+08	T	C	UTR5	CDK18	NA	NA	NA	rs77694338	NA
chr1	2.06E+08	2.06E+08	C	-	UTR3	RAB7L1	NA	NA	NA	rs34580135	NA
chr1	2.07E+08	2.07E+08	AC	-	UTR3	PIGR	NA	NA	NA	NA	NA
chr1	2.07E+08	2.07E+08	T	-	UTR3	PFKFB2	NA	NA	NA	NA	NA
chr1	2.08E+08	2.08E+08	T	C	exonic	CR1	synonymous SNV	00573:exon26:c.T4356C:p.C1452C,CR1:NM_000651:exon34:c.T5706C	NA	rs61734513	NA
chr1	2.08E+08	2.08E+08	T	C	UTR3	CR1	NA	NA	NA	rs4844385	NA
chr1	2.1E+08	2.1E+08	T	-	UTR5	MIR205HG	NA	NA	NA	NA	NA
chr1	2.11E+08	2.11E+08	T	C	UTR3	KCNH1	NA	NA	NA	rs12126648	NA
chr1	2.12E+08	2.12E+08	GTGT	-	UTR5	RD3	NA	NA	NA	NA	NA
chr1	2.13E+08	2.13E+08	T	C	UTR5	RPS6KC1	NA	NA	NA	rs4951476	NA
chr1	2.19E+08	2.19E+08	A	-	UTR3	RRP15	NA	NA	NA	rs201597960	NA
chr1	2.19E+08	2.19E+08	C	T	UTR3	RRP15	NA	NA	NA	NA	NA
chr1	2.22E+08	2.22E+08	-	T	UTR3	DUSP10	NA	NA	NA	NA	NA
chr1	2.23E+08	2.23E+08	C	T	exonic	HHIPL2	synonymous SNV	HHIPL2:NM_024746:exon1:c.G99A:p.L33L	NA	rs4846382	NA
chr1	2.24E+08	2.24E+08	T	C	UTR5	SUSD4	NA	NA	NA	NA	NA
chr1	2.24E+08	2.24E+08	T	C	UTR5	SUSD4	NA	NA	NA	NA	NA
chr1	2.24E+08	2.24E+08	T	C	UTR5	SUSD4	NA	NA	NA	NA	NA
chr1	2.24E+08	2.24E+08	G	T	exonic	CAPN8	unknown	UNKNOWN	NA	rs35539373	NA
chr1	2.25E+08	2.25E+08	-	T	UTR3	WDR26	NA	NA	NA	rs5781364	NA
chr1	2.26E+08	2.26E+08	A	-	UTR3	ENAH	NA	NA	NA	rs146121857	NA
chr1	2.26E+08	2.26E+08	TT	-	UTR3	ENAH	NA	NA	NA	rs200499155	NA
chr1	2.28E+08	2.28E+08	-	A	UTR5	CDC42BPA	NA	NA	NA	NA	NA
chr1	2.28E+08	2.28E+08	A	G	exonic	WNT9A	synonymous SNV	WNT9A:NM_003395:exon2:c.T153C:p.A51A	NA	rs3795768	NA

chr1	2.28E+08	2.28E+08	-	T	UTR3	IBA57	NA	NA	NA	NA	NA
chr1	2.29E+08	2.29E+08	T	C	exonic	OBSCN	nonsynonymous SNV	:p.C4450R,OBSCN:NM_052843:exon51:c.T13348C:p.C4450R,OBSCN:NI	NA	rs1188732	NA
chr1	2.3E+08	2.3E+08	T	G	exonic	ABCB10	nonsynonymous SNV	ABCB10:NM_012089:exon2:c.A605C:p.N202T	NA	NA	B
chr1	2.3E+08	2.3E+08	A	G	exonic	URB2	synonymous SNV	URB2:NM_014777:exon9:c.A4290G:p.R1430R	NA	rs7521953	NA
chr1	2.3E+08	2.3E+08	T	C	UTR3	URB2	NA	NA	NA	rs3820361	NA
chr1	2.31E+08	2.31E+08	A	G	exonic	ARV1	nonsynonymous SNV	ARV1:NM_022786:exon1:c.A43G:p.N15D	NA	NA	B
chr1	2.31E+08	2.31E+08	C	G	UTR3	TRIM67	NA	NA	NA	rs6541262	NA
chr1	2.31E+08	2.31E+08	G	T	UTR3	TRIM67	NA	NA	NA	rs530363	NA
chr1	2.31E+08	2.31E+08	T	-	UTR3	EXOC8	NA	NA	NA	rs35468792	NA
chr1	2.33E+08	2.33E+08	G	A	exonic	SIPA1L2	nonsynonymous SNV	SIPA1L2:NM_020808:exon7:c.C2504T:p.A835V	NA	rs142752379	P
chr1	2.37E+08	2.37E+08	C	T	exonic	LGALS8	synonymous SNV	NM_006499:exon5:c.C165T:p.S55S,LGALS8:NM_201543:exon5:c.C165)=COSM146831;OCCURENCE=1(stomac	rs1041936	NA	NA
chr1	2.37E+08	2.37E+08	A	G	exonic	LGALS8	nonsynonymous SNV	M_006499:exon5:c.A166G:p.M56V,LGALS8:NM_201543:exon5:c.A166)=COSM146352;OCCURENCE=1(stomac	rs1041937	B	NA
chr1	2.37E+08	2.37E+08	T	C	exonic	HEATR1	nonsynonymous SNV	HEATR1:NM_018072:exon15:c.A1819G:p.M607V	NA	rs2794763	D
chr1	2.37E+08	2.37E+08	A	G	exonic	MTR	synonymous SNV	MTR:NM_000254:exon29:c.A3144G:p.A1048A	NA	rs2229276	NA
chr1	2.37E+08	2.37E+08	G	T	UTR3	MTR	NA	NA	NA	NA	NA
chr1	2.38E+08	2.38E+08	T	-	UTR3	RYR2	NA	NA	NA	NA	NA
chr1	2.4E+08	2.4E+08	GGC	-	exonic	FMN2	nonframeshift deletion	FMN2:NM_020066:exon1:c.160_162del:p.54_54del	rs140531536	NA	NA
chr1	2.4E+08	2.4E+08	C	A	exonic	FMN2	synonymous SNV	FMN2:NM_020066:exon1:c.C1413A:p.A471A	NA	rs10926124	NA
chr1	2.4E+08	2.4E+08	G	A	exonic	FMN2	synonymous SNV	FMN2:NM_020066:exon5:c.G2820A:p.A940A	NA	rs145628188	NA
chr1	2.43E+08	2.43E+08	A	G	ncRNA_exonic	LOC731275	NA	NA	NA	rs148698597	NA
chr1	2.45E+08	2.45E+08	-	GTA	UTR3	C1orf101	NA	NA	NA	rs201380603	NA
chr1	2.48E+08	2.48E+08	-	A	UTR3	TRIM58	NA	NA	NA	rs34769974	NA
chr1	2.48E+08	2.48E+08	G	A	exonic	OR2T8	synonymous SNV	OR2T8:NM_001005522:exon1:c.G435A:p.S145S	rs192581532	NA	NA
chr1	2.48E+08	2.48E+08	G	C	exonic	OR2T8	nonsynonymous SNV	OR2T8:NM_001005522:exon1:c.G437C:p.C146S	NA	rs146023264	B
chr1	2.48E+08	2.48E+08	T	C	exonic	OR2T8	synonymous SNV	OR2T8:NM_001005522:exon1:c.T438C:p.C146C	NA	rs142841709	NA
chr1	2.49E+08	2.49E+08	C	T	exonic	OR2T3	synonymous SNV	OR2T3:NM_001005495:exon1:c.C711T:p.A237A	NA	rs77686526	NA
chr1	2.49E+08	2.49E+08	A	G	exonic	OR2T3	nonsynonymous SNV	OR2T3:NM_001005495:exon1:c.A829G:p.M277V	NA	rs74498773	P
chr1	2.49E+08	2.49E+08	A	T	exonic	OR2T7	nonsynonymous SNV	OR2T7:NM_001001824:exon1:c.T401A:p.V134D	NA	rs1782240	B
chr2	905581	905581	C	T	intergenic	822(dist=41469),SNTG2(dist=	NA	NA	NA	rs113738897	NA
chr2	905693	905693	T	G	intergenic	822(dist=41581),SNTG2(dist=	NA	NA	NA	rs74861779	NA
chr2	1636938	1636938	-	T	UTR3	PXDN	NA	NA	NA	NA	NA
chr2	9546208	9546208	G	A	UTR3	ITGB1BP1	NA	NA	NA	rs112888538	NA
chr2	9546440	9546440	T	G	UTR3	ITGB1BP1	NA	NA	NA	rs13392033	NA
chr2	11782595	11782595	C	A	UTR3	GREB1	NA	NA	NA	NA	NA
chr2	24253007	24253007	-	A	UTR3	C2orf44	NA	NA	NA	NA	NA
chr2	24533411	24533411	G	T	exonic	ITSN2	nonsynonymous SNV	3A:p.P168Q,ITSN2:NM_019595:exon6:c.C503A:p.P168Q,ITSN2:NM_1	NA	NA	NA
chr2	24991386	24991388	AAA	-	UTR3	NCOA1	NA	NA	NA	NA	NA
chr2	25379159	25379159	G	T	UTR3	EFR3B	NA	NA	NA	NA	NA
chr2	26455127	26455127	G	A	exonic	HADHA	synonymous SNV	HADHA:NM_000182:exon6:c.C474T:p.Y158Y	NA	rs11552518	NA
chr2	26680509	26680509	A	T	UTR3	OTOF	NA	NA	NA	NA	NA
chr2	27477627	27477627	-	ACAC	UTR3	SLC30A3	NA	NA	NA	NA	NA
chr2	27804714	27804714	T	C	exonic	C2orf16	nonsynonymous SNV	C2orf16:NM_032266:exon1:c.T5275C:p.C1759R	NA	NA	NA
chr2	27804738	27804738	T	C	exonic	C2orf16	nonsynonymous SNV	C2orf16:NM_032266:exon1:c.T5299C:p.C1767R	NA	rs199708546	NA
chr2	29023081	29023081	C	T	UTR3	PPP1CB	NA	NA	NA	NA	NA
chr2	29023088	29023088	C	T	UTR3	PPP1CB	NA	NA	NA	NA	NA
chr2	29023092	29023092	C	T	UTR3	PPP1CB	NA	NA	NA	rs201829322	NA
chr2	29170759	29170759	G	A	UTR3	WDR43	NA	NA	NA	rs13397658	NA
chr2	29448423	29448423	T	G	exonic	ALK	nonsynonymous SNV	ALK:NM_004304:exon19:c.A3076C:p.T1026P	NA	NA	B
chr2	30670215	30670215	A	C	UTR5	LCLAT1	NA	NA	NA	NA	NA
chr2	30864771	30864774	TTTC	-	UTR3	LCLAT1	NA	NA	NA	NA	NA
chr2	30865285	30865286	TA	-	UTR3	LCLAT1	NA	NA	NA	NA	NA
chr2	32822957	32822957	G	A	exonic	BIRC6	synonymous SNV	BIRC6:NM_016252:exon69:c.G13752A:p.T4584T	rs2710625	NA	NA
chr2	33787988	33787988	A	T	UTR3	RASGRP3	NA	NA	NA	NA	NA
chr2	33787989	33787989	C	G	UTR3	RASGRP3	NA	NA	NA	NA	NA
chr2	33787990	33787990	T	A	UTR3	RASGRP3	NA	NA	NA	NA	NA
chr2	33951323	33951323	G	T	ncRNA_exonic	MYADML	NA	NA	NA	NA	NA
chr2	36782886	36782886	G	A	exonic	FEZ2	nonsynonymous SNV	_005102:exon7:c.C985T:p.R329C,FEZ2:NM_001042548:exon8:c.C1066	NA	rs848642	NA
chr2	36810586	36810586	T	C	exonic	FEZ2	synonymous SNV	_001042548:exon3:c.A402G:p.T134T,FEZ2:NM_005102:exon3:c.A402C	NA	rs14291	NA
chr2	37479024	37479024	A	-	UTR3	PRKD3	NA	NA	NA	NA	NA
chr2	37871117	37871120	TTTT	-	UTR3	CDC42EP3	NA	NA	NA	rs200620123	NA
chr2	42515437	42515437	A	G	exonic	EML4	nonsynonymous SNV	1145076:exon10:c.A1019G:p.K340R,EML4:NM_019063:exon11:c.A11	NA	rs28651764	B
chr2	42557760	42557760	T	-	UTR3	EML4	NA	NA	NA	NA	NA
chr2	43452183	43452183	A	G	exonic	ZFP36L2	synonymous SNV	ZFP36L2:NM_006887:exon2:c.T760C:p.L254L	NA	rs7933	NA
chr2	45172485	45172485	G	A	UTR3	SIX3	NA	NA	NA	rs60528008	NA
chr2	46707884	46707884	A	G	exonic	TMEM247	nonsynonymous SNV	TMEM247:NM_001145051:exon2:c.A458G:p.Q153R	NA	rs201742486	NA
chr2	46844219	46844219	-	G	UTR5	PIGF	NA	NA	NA	rs5830914	NA

chr2	46852206	46852206	G	T	UTR3	CRIP1	NA	NA	NA	NA	NA
chr2	48742355	48742355	-	TCTCTCTCT	UTR3	PPP1R21	NA	NA	NA	NA	NA
chr2	50147836	50147841	GTGTGT	-	UTR3	NRXN1	NA	NA	NA	NA	NA
chr2	51259649	51259660	AGAGAGAC	-	UTR5	NRXN1	NA	NA	NA	NA	NA
chr2	61351187	61351187	T	C	UTR3	KIAA1841	NA	NA	NA	rs114498878	NA
chr2	61351188	61351188	T	C	UTR3	KIAA1841	NA	NA	NA	rs114317312	NA
chr2	61351189	61351189	T	A	UTR3	KIAA1841	NA	NA	NA	rs114015142	NA
chr2	85284303	85284303	A	-	UTR3	KCMF1	NA	NA	NA	NA	NA
chr2	85531102	85531102	T	C	exonic	TCF7L1	nonsynonymous SNV	TCF7L1:NM_031283:exon6:c.T743C:p.L248P	NA	NA	D
chr2	85531118	85531118	A	C	exonic	TCF7L1	synonymous SNV	TCF7L1:NM_031283:exon6:c.A759C:p.P253P	NA	NA	NA
chr2	85549667	85549667	G	C	UTR3	TGOLN2	NA	NA	NA	NA	NA
chr2	85554315	85554315	A	G	exonic	TGOLN2	synonymous SNV	TC:p.N180N,TGOLN2:NM_001206844:exon2:c.T540C:p.N180N,TGOLN2	NA	NA	NA
chr2	87002452	87002453	TT	-	UTR3	RMND5A	NA	NA	NA	NA	NA
chr2	89082373	89082373	G	A	ncRNA_exonic	ANKRD36BP2	NA	NA	NA	rs140000456	NA
chr2	89082379	89082379	G	A	ncRNA_exonic	ANKRD36BP2	NA	NA	NA	rs143191250	NA
chr2	89082381	89082381	C	T	ncRNA_exonic	ANKRD36BP2	NA	NA	NA	rs140822233	NA
chr2	89082388	89082388	G	T	ncRNA_exonic	ANKRD36BP2	NA	NA	NA	rs142861467	NA
chr2	89104333	89104333	C	T	ncRNA_exonic	ANKRD36BP2	NA	NA	NA	rs148665042	NA
chr2	89104362	89104362	C	T	ncRNA_exonic	ANKRD36BP2	NA	NA	NA	rs62158694	NA
chr2	91963374	91963374	A	G	ncRNA_exonic	GGT8P	NA	NA	NA	NA	NA
chr2	91963419	91963419	A	G	ncRNA_exonic	GGT8P	NA	NA	NA	NA	NA
chr2	91963455	91963455	T	C	ncRNA_exonic	GGT8P	NA	NA	NA	NA	NA
chr2	91963687	91963687	G	A	ncRNA_exonic	GGT8P	NA	NA	NA	rs201619433	NA
chr2	91968630	91968630	T	C	ncRNA_exonic	GGT8P	NA	NA	NA	NA	NA
chr2	91969892	91969892	C	T	ncRNA_exonic	GGT8P	NA	NA	NA	rs5993271	NA
chr2	91969935	91969935	T	C	ncRNA_exonic	GGT8P	NA	NA	NA	rs4059987	NA
chr2	92129578	92129578	G	C	ncRNA_exonic	ACTR3BP2	NA	NA	NA	rs4125437	NA
chr2	92129614	92129614	G	T	ncRNA_exonic	ACTR3BP2	NA	NA	NA	NA	NA
chr2	95537245	95537245	C	G	ncRNA_UTR5	TEKT4	NA	NA	NA	rs4854234	NA
chr2	97779341	97779341	T	G	UTR5	ANKRD36	NA	NA	NA	rs3866777	NA
chr2	97911395	97911395	A	G	exonic	ANKRD36	nonsynonymous SNV	ANKRD36:NM_001164315:exon71:c.A5071G:p.K1691E	NA	rs2595354	NA
chr2	98127671	98127671	A	C	exonic	ANKRD36B	nonsynonymous SNV	ANKRD36B:NM_025190:exon39:c.T3650G:p.M1217R	NA	rs76066788	NA
chr2	98128228	98128228	G	A	exonic	ANKRD36B	synonymous SNV	ANKRD36B:NM_025190:exon39:c.C3093T:p.S1031S	ID=COSN395741;OCCURENCE=1(lung)	rs201190268	NA
chr2	98129733	98129733	A	C	exonic	ANKRD36B	stopgain SNV	ANKRD36B:NM_025190:exon38:c.T2715G:p.Y905X	NA	rs145533718	NA
chr2	1.01E+08	1.01E+08	AAAAATTA	-	UTR3	LONRF2	NA	NA	NA	NA	NA
chr2	1.01E+08	1.01E+08	TCTACTGAA	-	UTR3	LONRF2	NA	NA	NA	NA	NA
chr2	1.03E+08	1.03E+08	G	A	UTR3	MAP4K4	NA	NA	NA	NA	NA
chr2	1.07E+08	1.07E+08	AAC	-	UTR3	ST6GAL2	NA	NA	NA	rs140467729	NA
chr2	1.07E+08	1.07E+08	-	A	UTR3	ST6GAL2	NA	NA	NA	NA	NA
chr2	1.09E+08	1.09E+08	T	C	exonic	SULT1C3	nonsynonymous SNV	SULT1C3:NM_001008743:exon5:c.T581C:p.M194T	NA	rs6722745	B
chr2	1.09E+08	1.09E+08	G	A	exonic	CCDC138	nonsynonymous SNV	CCDC138:NM_144978:exon4:c.G344A:p.R115K	rs=COSM148924;OCCURENCE=1(stomach)	rs6740879	B
chr2	1.13E+08	1.13E+08	G	T	UTR3	ZC3H6	NA	NA	NA	NA	NA
chr2	1.14E+08	1.14E+08	T	C	exonic	FOXD4L1	nonsynonymous SNV	FOXD4L1:NM_012184:exon1:c.T422C:p.F141S	NA	NA	D
chr2	1.14E+08	1.14E+08	A	C	exonic	FOXD4L1	nonsynonymous SNV	FOXD4L1:NM_012184:exon1:c.A431C:p.Y144S	NA	NA	D
chr2	1.14E+08	1.14E+08	A	C	ncRNA_exonic	FAM138B	NA	NA	NA	rs141773324	NA
chr2	1.14E+08	1.14E+08	T	C	UTR5	RABL2A	NA	NA	NA	rs1667097	NA
chr2	1.19E+08	1.19E+08	A	-	UTR3	CCDC93	NA	NA	NA	NA	NA
chr2	1.19E+08	1.19E+08	A	-	UTR3	CCDC93	NA	NA	NA	rs3832171	NA
chr2	1.22E+08	1.22E+08	A	-	UTR3	TFCP2L1	NA	NA	NA	rs36110149	NA
chr2	1.22E+08	1.22E+08	-	TTG	UTR3	CLASP1	NA	NA	NA	rs113839646	NA
chr2	1.28E+08	1.28E+08	C	T	UTR3	CYP27C1	NA	NA	NA	rs35887875	NA
chr2	1.28E+08	1.28E+08	T	-	UTR3	MAP3K2	NA	NA	NA	NA	NA
chr2	1.29E+08	1.29E+08	A	C	UTR3	UGGT1	NA	NA	NA	NA	NA
chr2	1.31E+08	1.31E+08	-	G	ncRNA_exonic	LOC440905	NA	NA	NA	rs34985062	NA
chr2	1.31E+08	1.31E+08	-	CT	ncRNA_exonic	LOC440905	NA	NA	NA	rs3058424	NA
chr2	1.31E+08	1.31E+08	G	A	exonic	POTEF	synonymous SNV	POTEF:NM_001099771:exon17:c.C2172T:p.D724D	NA	rs201958629	NA
chr2	1.31E+08	1.31E+08	T	C	exonic	CCDC74B	nonsynonymous SNV	CCDC74B:NM_207310:exon3:c.A446G:p.H149R	NA	rs138331089	NA
chr2	1.33E+08	1.33E+08	G	A	exonic	C2orf27B	synonymous SNV	C2orf27B:NM_214461:exon3:c.C189T:p.A63A	NA	rs71430413	NA
chr2	1.33E+08	1.33E+08	G	A	ncRNA_exonic	ANKRD30BL	NA	NA	NA	rs112315337	NA
chr2	1.33E+08	1.33E+08	G	A	ncRNA_exonic	ANKRD30BL	NA	NA	NA	rs111401445	NA
chr2	1.33E+08	1.33E+08	G	C	ncRNA_exonic	ANKRD30BL	NA	NA	NA	rs112494139	NA
chr2	1.33E+08	1.33E+08	G	A	ncRNA_exonic	ANKRD30BL	NA	NA	NA	rs148180857	NA
chr2	1.45E+08	1.45E+08	T	-	intergenic	P15(dist=176565),GTDC1(dist	NA	NA	NA	rs61418485	NA
chr2	1.52E+08	1.52E+08	-	T	UTR5	RBM43	NA	NA	NA	rs113906824	NA
chr2	1.52E+08	1.52E+08	G	A	exonic	NMI	nonsynonymous SNV	NMI:NM_004688:exon2:c.C47T:p.S16L	NA	rs1048135	B
chr2	1.53E+08	1.53E+08	C	T	UTR3	CACNB4	NA	NA	NA	rs7597215	NA

chr2	1.53E+08	1.53E+08	A	-	UTR3	STAM2	NA	NA	NA	rs58778946	NA
chr2	1.61E+08	1.61E+08	A	G	exonic	LY75,LY75-CD302	nonsynonymous SNV	C:p.Y1391H,LY75-CD302:NM_001198760:exon30:c.T4171C:p.Y1391H,rs127:c.3613_3633del;p.1205_1211del,GIGYF2:NM_001103147:exon29:	NA	rs2059696	D
chr2	1.61E+08	1.61E+08	-	T	UTR3	RBMS1	NA	NA	NA	rs34176400	NA
chr2	1.67E+08	1.67E+08	A	G	exonic	SCN9A	synonymous SNV	SCN9A:NM_002977:exon10:c.T1119C:p.A373A	NA	rs13414203	NA
chr2	1.7E+08	1.7E+08	-	A	UTR3	LRP2	NA	NA	NA	NA	NA
chr2	1.7E+08	1.7E+08	T	C	UTR3	BBS5	NA	NA	NA	rs7589199	NA
chr2	1.74E+08	1.74E+08	-	A	ncRNA_UTR3	ZAK	NA	NA	NA	NA	NA
chr2	1.77E+08	1.77E+08	G	A	UTR3	KIAA1715	NA	NA	NA	NA	NA
chr2	1.77E+08	1.77E+08	C	T	UTR3	HOXD9	NA	NA	NA	NA	NA
chr2	1.78E+08	1.78E+08	TT	-	UTR3	PDE11A	NA	NA	NA	NA	NA
chr2	1.78E+08	1.78E+08	C	T	UTR3	PDE11A	NA	NA	NA	NA	NA
chr2	1.78E+08	1.78E+08	AGTCTGG	-	UTR3	PDE11A	NA	NA	NA	NA	NA
chr2	1.79E+08	1.79E+08	C	-	splicing	>-,NM_001139518:exon8:c.5	NA	NA	NA	NA	NA
chr2	1.83E+08	1.83E+08	A	C	UTR3	PDE1A	NA	NA	NA	rs1999	NA
chr2	1.89E+08	1.89E+08	A	-	UTR3	GULP1	NA	NA	NA	rs5837097	NA
chr2	1.92E+08	1.92E+08	C	A	UTR5	NAB1	NA	NA	NA	rs2293765	NA
chr2	1.97E+08	1.97E+08	T	-	UTR3	SLC39A10	NA	NA	NA	rs66775415	NA
chr2	1.98E+08	1.98E+08	G	A	UTR3	PGAP1	NA	NA	NA	NA	NA
chr2	2.02E+08	2.02E+08	-	TTAA	UTR3	PPIL3	NA	NA	NA	rs145843683	NA
chr2	2.02E+08	2.02E+08	TT	-	UTR3	FAM126B	NA	NA	NA	NA	NA
chr2	2.04E+08	2.04E+08	C	T	UTR3	FAM117B	NA	NA	NA	NA	NA
chr2	2.04E+08	2.04E+08	TT	-	UTR3	FAM117B	NA	NA	NA	NA	NA
chr2	2.04E+08	2.04E+08	T	C	UTR3	WDR12	NA	NA	NA	rs6722332	NA
chr2	2.04E+08	2.04E+08	A	C	UTR3	RAPH1	NA	NA	NA	rs201945070	NA
chr2	2.07E+08	2.07E+08	A	-	UTR3	INO80D	NA	NA	NA	rs11306784	NA
chr2	2.07E+08	2.07E+08	AA	-	UTR3	INO80D	NA	NA	NA	rs143392413	NA
chr2	2.09E+08	2.09E+08	AG	-	UTR3	FZD5	NA	NA	NA	rs201847302	NA
chr2	2.09E+08	2.09E+08	T	-	UTR3	PLEKHM3	NA	NA	NA	NA	NA
chr2	2.11E+08	2.11E+08	CACA	-	UTR3	MAP2	NA	NA	NA	rs112861196	NA
chr2	2.18E+08	2.18E+08	-	CTGT	ncRNA_exonic	DIRC3	NA	NA	NA	rs112187824	NA
chr2	2.19E+08	2.19E+08	-	C	UTR3	SLC11A1	NA	NA	NA	NA	NA
chr2	2.2E+08	2.2E+08	G	T	UTR3	FAM134A	NA	NA	NA	NA	NA
chr2	2.2E+08	2.2E+08	G	T	UTR3	FAM134A	NA	NA	NA	rs146041546	NA
chr2	2.24E+08	2.24E+08	C	A	UTR3	ACSL3	NA	NA	NA	rs1071621	NA
chr2	2.25E+08	2.25E+08	C	A	UTR3	WDFY1	NA	NA	NA	NA	NA
chr2	2.33E+08	2.33E+08	T	C	UTR5	PTMA	NA	NA	NA	rs12415	NA
chr2	2.33E+08	2.33E+08	C	T	UTR5	PTMA	NA	NA	NA	rs8868	NA
chr2	2.33E+08	2.33E+08	T	C	UTR3	DIS3L2	NA	NA	NA	NA	NA
chr2	2.34E+08	2.34E+08	A	G	exonic	EFHD1	nonsynonymous SNV	_001243252:exon3:c.A269G:p.K90R,EFHD1:NM_025202:exon3:c.A557	NA	rs11550699	B
chr2	2.34E+08	2.34E+08	CAGCAGCTC	-	exonic	GIGYF2	nonframeshift deletion	127:c.3613_3633del;p.1205_1211del,GIGYF2:NM_001103147:exon29:	NA	NA	NA
chr2	2.41E+08	2.41E+08	C	T	exonic	PRR21	synonymous SNV	PRR21:NM_001080835:exon1:c.G768A:p.S256S	NA	NA	NA
chr2	2.41E+08	2.41E+08	G	C	exonic	PRR21	nonsynonymous SNV	PRR21:NM_001080835:exon1:c.C271G:p.P91A	NA	rs112308001	P
chr2	2.41E+08	2.41E+08	A	G	exonic	PRR21	synonymous SNV	PRR21:NM_001080835:exon1:c.T237C:p.H79H	NA	rs117846189	NA
chr2	2.41E+08	2.41E+08	G	A	exonic	PRR21	nonsynonymous SNV	PRR21:NM_001080835:exon1:c.C209T:p.T70I	NA	rs150205960	P
chr2	2.42E+08	2.42E+08	T	C	exonic	FARP2	synonymous SNV	FARP2:NM_014808:exon23:c.T2586C:p.P862P	NA	NA	NA
chr2	2.42E+08	2.42E+08	A	C	exonic	FARP2	synonymous SNV	FARP2:NM_014808:exon23:c.A2623C:p.R875R	NA	NA	NA
chr2	2.43E+08	2.43E+08	T	A	UTR3	BOK	NA	NA	NA	rs12619342	NA
chr2	2.43E+08	2.43E+08	C	A	UTR3	D2HGDH	NA	NA	NA	NA	NA
chr2	2.43E+08	2.43E+08	G	A	exonic	CXXC11	nonsynonymous SNV	CXXC11:NM_173821:exon2:c.G302A:p.G101E	NA	rs7420371	D
chr3	3190646	3190646	-	TCTCTAAAC	UTR3	TRNT1	NA	NA	NA	rs141431257	NA
chr3	3214495	3214495	C	A	exonic	CRBN	nonsynonymous SNV	_001173482:exon4:c.G489T:p.R163S,CRBN:NM_016302:exon4:c.G492	NA	NA	D
chr3	11599950	11599950	T	-	UTR3	VGLL4	NA	NA	NA	NA	NA
chr3	14105938	14105938	T	A	ncRNA_exonic	TPRXL	NA	NA	NA	NA	NA
chr3	14105955	14105955	T	C	ncRNA_exonic	TPRXL	NA	NA	NA	NA	NA
chr3	14105996	14105996	A	G	ncRNA_exonic	TPRXL	NA	NA	NA	NA	NA
chr3	14106174	14106174	T	C	ncRNA_exonic	TPRXL	NA	NA	NA	NA	NA
chr3	14200047	14200047	C	A	exonic	XPC	stopgain SNV	001145769:exon9:c.G1225T:p.E409X,XPC:NM_004628:exon9:c.G1336	NA	NA	NA
chr3	15090909	15090914	CCTTAG	-	UTR3	MRPS25	NA	NA	NA	rs148431054	NA
chr3	15451978	15451978	T	C	UTR3	METTL6	NA	NA	NA	rs6805196	NA
chr3	15469025	15469025	A	C	UTR5	METTL6	NA	NA	NA	NA	NA
chr3	15482997	15482999	TTT	-	UTR3	EAF1	NA	NA	NA	NA	NA
chr3	21448176	21448180	AAAAA	-	ncRNA_exonic	VENTXP7	NA	NA	NA	NA	NA
chr3	28364846	28364846	T	-	UTR3	AZI2	NA	NA	NA	rs200293551	NA
chr3	30045699	30045699	-	T	UTR3	RBMS3	NA	NA	NA	NA	NA
chr3	38888227	38888227	C	T	exonic	SCN11A	synonymous SNV	SCN11A:NM_014139:exon26:c.G5334A:p.L1778L	NA	rs4640498	NA
chr3	39137879	39137879	-	A	UTR3	WDR48	NA	NA	NA	rs11413912	NA

chr3	40498933	40498933	A	G	UTR5	RPL14	NA	NA	NA	rs4973904	NA
chr3	41281477	41281477	C	T	UTR3	CTNNA1	NA	NA	NA	rs201175238	NA
chr3	42825568	42825568	A	-	UTR3	HIGD1A	NA	NA	NA	rs5848628	NA
chr3	44607013	44607013	T	C	exonic	ZKSCAN7	nonsynonymous SNV	M_018651:exon3:c.T458C:p.F153S,ZKSCAN7:NM_025169:exon3:c.T45	NA	rs13081859	B
chr3	44964485	44964485	C	G	UTR3	ZDHC3	NA	NA	NA	rs1979946	NA
chr3	45960561	45960561	-	AA	UTR3	FYCO1	NA	NA	NA	rs145514188	NA
chr3	47050997	47050997	T	C	UTR3	NBEAL2	NA	NA	NA	NA	NA
chr3	47050999	47050999	G	C	UTR3	NBEAL2	NA	NA	NA	NA	NA
chr3	48451952	48451952	A	C	exonic	PLXNB1	nonsynonymous SNV	1130082:exon30:c.T5432G:p.V1811G,PLXNB1:NM_002673:exon30:c.T5432G:p.V1811G;COSM328123;OCCURENCE=1(pancrea	NA	NA	P
chr3	49044650	49044650	A	G	UTR5	WDR6	NA	NA	NA	NA	NA
chr3	49572947	49572947	C	A	UTR3	DAG1	NA	NA	NA	NA	NA
chr3	49694888	49694888	T	C	exonic	BSN	synonymous SNV	BSN:NM_003458:exon5:c.T7899C:p.L2633L	NA	NA	NA
chr3	49726070	49726070	G	A	exonic	MST1	nonsynonymous SNV	MST1:NM_020998:exon1:c.C55T:p.P19S	NA	rs62262686	D
chr3	51738256	51738256	A	G	UTR3	TEX264	NA	NA	NA	rs4067	NA
chr3	52015205	52015205	C	A	ncRNA_UTR3	ABHD14A	NA	NA	NA	NA	NA
chr3	55502167	55502167	A	-	UTR3	WNT5A	NA	NA	NA	NA	NA
chr3	64084148	64084148	A	-	ncRNA_exonic	PRICKLE2-AS1	NA	NA	NA	rs35195442	NA
chr3	64672461	64672461	T	G	exonic	ADAMTS9	nonsynonymous SNV	ADAMTS9:NM_182920:exon2:c.A299C:p.Y100S	NA	NA	D
chr3	67049615	67049615	G	T	exonic	KBTBD8	nonsynonymous SNV	KBTBD8:NM_032505:exon2:c.G227T:p.R76I	NA	NA	D
chr3	71007273	71007273	T	-	UTR3	FOXP1	NA	NA	NA	NA	NA
chr3	71821711	71821711	A	-	UTR3	PROK2	NA	NA	NA	rs71713597	NA
chr3	75716090	75716090	T	C	ncRNA_exonic	FLJ20518	NA	NA	NA	rs144150259	NA
chr3	75786748	75786748	C	T	exonic	ZNF717	nonsynonymous SNV	ZNF717:NM_001128223:exon5:c.G2026A:p.D676N	NA	rs112332186	NA
chr3	75787015	75787015	C	T	exonic	ZNF717	nonsynonymous SNV	ZNF717:NM_001128223:exon5:c.G1759A:p.G587S	COSM1173002;OCCURENCE=1(oesopha	rs111576331	NA
chr3	75787043	75787043	G	A	exonic	ZNF717	synonymous SNV	ZNF717:NM_001128223:exon5:c.C1731T:p.F577F	NA	rs184833776	NA
chr3	75787116	75787116	T	G	exonic	ZNF717	nonsynonymous SNV	ZNF717:NM_001128223:exon5:c.A1658C:p.H553P	NA	rs142824987	NA
chr3	75787620	75787620	T	C	exonic	ZNF717	nonsynonymous SNV	ZNF717:NM_001128223:exon5:c.A1154G:p.H385R	NA	rs145606249	NA
chr3	75790852	75790852	G	A	exonic	ZNF717	synonymous SNV	ZNF717:NM_001128223:exon3:c.C93T:p.F31F	NA	rs201689840	NA
chr3	75790864	75790864	T	C	exonic	ZNF717	synonymous SNV	ZNF717:NM_001128223:exon3:c.A81G:p.V27V	NA	rs75271400	NA
chr3	75790870	75790870	C	T	exonic	ZNF717	synonymous SNV	ZNF717:NM_001128223:exon3:c.G75A:p.E25E	NA	rs78652530	NA
chr3	98515881	98515882	AA	-	UTR3	DCBLD2	NA	NA	NA	rs56369137	NA
chr3	1.05E+08	1.05E+08	G	T	exonic	CBLB	nonsynonymous SNV	CBLB:NM_170662:exon12:c.C1618A:p.Q540K	NA	NA	D
chr3	1.08E+08	1.08E+08	AA	-	UTR3	BBX	NA	NA	NA	rs60360146	NA
chr3	1.08E+08	1.08E+08	A	T	UTR3	BBX	NA	NA	NA	rs201477170	NA
chr3	1.12E+08	1.12E+08	C	T	UTR5	TAGLN3	NA	NA	NA	NA	NA
chr3	1.2E+08	1.2E+08	A	C	exonic	GPR156	nonsynonymous SNV	01168271:exon9:c.T1643G:p.V548G,GPR156:NM_153002:exon9:c.T1643G:p.V548G	NA	NA	D
chr3	1.2E+08	1.2E+08	A	C	exonic	GPR156	nonsynonymous SNV	01168271:exon9:c.T1610G:p.V537G,GPR156:NM_153002:exon9:c.T1610G:p.V537G	NA	NA	D
chr3	1.23E+08	1.23E+08	T	-	ncRNA_UTR3	MYLK	NA	NA	NA	rs35930843	NA
chr3	1.26E+08	1.26E+08	-	T	UTR3	ZXDC	NA	NA	NA	NA	NA
chr3	1.26E+08	1.26E+08	T	A	UTR3	ZXDC	NA	NA	NA	rs79064850	NA
chr3	1.29E+08	1.29E+08	T	G	UTR3	CNBP	NA	NA	NA	NA	NA
chr3	1.29E+08	1.29E+08	T	G	exonic	PLXND1	nonsynonymous SNV	PLXND1:NM_015103:exon31:c.A5108C:p.Y1703S	NA	NA	D
chr3	1.34E+08	1.34E+08	C	G	UTR5	CEP63	NA	NA	NA	NA	NA
chr3	1.39E+08	1.39E+08	C	T	UTR3	PRR23C	NA	NA	NA	rs74940990	NA
chr3	1.41E+08	1.41E+08	-	T	UTR3	RNF7	NA	NA	NA	NA	NA
chr3	1.42E+08	1.42E+08	C	T	UTR3	GK5	NA	NA	NA	NA	NA
chr3	1.42E+08	1.42E+08	C	T	UTR3	GK5	NA	NA	NA	NA	NA
chr3	1.42E+08	1.42E+08	C	T	UTR3	GK5	NA	NA	NA	rs74651712	NA
chr3	1.42E+08	1.42E+08	G	A	exonic	TRPC1	nonsynonymous SNV	M_001251845:exon1:c.G40A:p.A14T,TRPC1:NM_003304:exon1:c.G40A:p.A14T	NA	rs78975236	NA
chr3	1.44E+08	1.44E+08	-	\AAAATGTTA	UTR3	C3orf58	NA	NA	NA	rs11276482	NA
chr3	1.47E+08	1.47E+08	T	-	UTR5	ZIC1	NA	NA	NA	rs57723801	NA
chr3	1.5E+08	1.5E+08	G	T	UTR3	TSC22D2	NA	NA	NA	rs201497156	NA
chr3	1.52E+08	1.52E+08	T	-	UTR3	MBNL1	NA	NA	NA	rs142162205	NA
chr3	1.53E+08	1.53E+08	C	T	UTR3	RAP2B	NA	NA	NA	NA	NA
chr3	1.54E+08	1.54E+08	C	-	UTR3	ARHGAP26	NA	NA	NA	NA	NA
chr3	1.54E+08	1.54E+08	TA	-	UTR3	DHX36	NA	NA	NA	rs71790534	NA
chr3	1.58E+08	1.58E+08	A	G	UTR3	SHOX2	NA	NA	NA	rs6775325	NA
chr3	1.67E+08	1.67E+08	A	C	exonic	SERPINI2	nonsynonymous SNV	NM_006217:exon2:c.T16G:p.L6V,SERPINI2:NM_001012303:exon3:c.T16G:p.L6V	NA	rs17246389	P
chr3	1.7E+08	1.7E+08	C	G	UTR3	PHC3	NA	NA	NA	rs6444896	NA
chr3	1.7E+08	1.7E+08	C	T	UTR3	CLDN11	NA	NA	NA	NA	NA
chr3	1.8E+08	1.8E+08	T	G	UTR3	CCDC39	NA	NA	NA	NA	NA
chr3	1.81E+08	1.81E+08	G	A	ncRNA_exonic	SOX2-OT	NA	NA	NA	rs140276576	NA
chr3	1.81E+08	1.81E+08	G	A	ncRNA_exonic	SOX2-OT	NA	NA	NA	NA	NA
chr3	1.81E+08	1.81E+08	G	A	ncRNA_exonic	SOX2-OT	NA	NA	NA	NA	NA
chr3	1.81E+08	1.81E+08	G	A	ncRNA_exonic	SOX2-OT	NA	NA	NA	NA	NA
chr3	1.81E+08	1.81E+08	G	A	ncRNA_exonic	SOX2-OT	NA	NA	NA	NA	NA

chr3	1.81E+08	1.81E+08	G	A	ncRNA_exonic	SOX2-OT	NA	NA	NA	NA	NA
chr3	1.81E+08	1.81E+08	G	A	ncRNA_exonic	SOX2-OT	NA	NA	NA	NA	NA
chr3	1.81E+08	1.81E+08	G	A	ncRNA_exonic	SOX2-OT	NA	NA	NA	NA	NA
chr3	1.81E+08	1.81E+08	GCACACAC	-	ncRNA_exonic	SOX2-OT	NA	NA	NA	rs201706406	NA
chr3	1.84E+08	1.84E+08	GTGTGT	-	UTR3	EPHB3	NA	NA	NA	rs35514470	NA
chr3	1.85E+08	1.85E+08	-	T	UTR3	TMEM41A	NA	NA	NA	NA	NA
chr3	1.88E+08	1.88E+08	AG	-	ncRNA_exonic	FLJ42393	NA	NA	NA	rs10616335	NA
chr3	1.89E+08	1.89E+08	-	A	UTR3	TPRG1	NA	NA	NA	rs143657517	NA
chr3	1.9E+08	1.9E+08	TGTGTG	-	UTR3	LEPREL1	NA	NA	NA	NA	NA
chr3	1.95E+08	1.95E+08	-	CTC	UTR3	XXYLT1	NA	NA	NA	rs74955255	NA
chr3	1.95E+08	1.95E+08	G	A	ncRNA_exonic	SDHAP2	NA	NA	NA	rs56170658	NA
chr3	1.95E+08	1.95E+08	C	G	ncRNA_exonic	SDHAP2	NA	NA	NA	rs1996904	NA
chr3	1.95E+08	1.95E+08	A	G	ncRNA_exonic	SDHAP2	NA	NA	ID=COSN404758;OCCURENCE=1(lung)	rs6583272	NA
chr3	1.95E+08	1.95E+08	T	C	ncRNA_exonic	SDHAP2	NA	NA	ID=COSN404759;OCCURENCE=1(lung)	rs6583273	NA
chr3	1.95E+08	1.95E+08	T	G	UTR3	MUC20	NA	NA	NA	rs12496423	NA
chr3	1.95E+08	1.95E+08	T	C	UTR3	MUC20	NA	NA	NA	rs2550266	NA
chr3	1.95E+08	1.95E+08	GT	-	UTR3	MUC4	NA	NA	NA	rs142596516	NA
chr3	1.96E+08	1.96E+08	T	C	exonic	MUC4	nonsynonymous SNV	MUC4:NM_018406:exon2:c.A12568G:p.T4190A	NA	rs200813870	NA
chr3	1.96E+08	1.96E+08	T	G	exonic	MUC4	nonsynonymous SNV	MUC4:NM_018406:exon2:c.A12544C:p.T4182P	NA	rs138720131	NA
chr3	1.96E+08	1.96E+08	A	G	exonic	MUC4	synonymous SNV	MUC4:NM_018406:exon2:c.T12159C:p.N4053N	NA	rs201191776	NA
chr3	1.96E+08	1.96E+08	A	G	exonic	MUC4	nonsynonymous SNV	MUC4:NM_018406:exon2:c.T12026C:p.V4009A	NA	rs201051713	NA
chr3	1.96E+08	1.96E+08	C	T	exonic	MUC4	nonsynonymous SNV	MUC4:NM_018406:exon2:c.G11944A:p.A3982T	NA	NA	NA
chr3	1.96E+08	1.96E+08	A	G	exonic	MUC4	synonymous SNV	MUC4:NM_018406:exon2:c.T11799C:p.H3933H	NA	rs62282469	NA
chr3	1.96E+08	1.96E+08	T	A	exonic	MUC4	synonymous SNV	MUC4:NM_018406:exon2:c.A11796T:p.G3932G	NA	rs200897653	NA
chr3	1.96E+08	1.96E+08	C	T	exonic	MUC4	synonymous SNV	MUC4:NM_018406:exon2:c.G11784A:p.S3928S	NA	rs74616719	NA
chr3	1.96E+08	1.96E+08	A	T	exonic	MUC4	synonymous SNV	MUC4:NM_018406:exon2:c.T11643A:p.A3881A	NA	rs3103960	NA
chr3	1.96E+08	1.96E+08	A	G	exonic	MUC4	nonsynonymous SNV	MUC4:NM_018406:exon2:c.T11450C:p.V3817A	OSM1042849;OCCURENCE=1(endometri	rs199746940	NA
chr3	1.96E+08	1.96E+08	A	G	exonic	MUC4	nonsynonymous SNV	MUC4:NM_018406:exon2:c.T11177C:p.V3726A	NA	NA	NA
chr3	1.96E+08	1.96E+08	A	G	exonic	MUC4	synonymous SNV	MUC4:NM_018406:exon2:c.T11166C:p.S3722S	NA	NA	NA
chr3	1.96E+08	1.96E+08	A	G	exonic	MUC4	nonsynonymous SNV	MUC4:NM_018406:exon2:c.T11162C:p.V3721A	NA	NA	NA
chr3	1.96E+08	1.96E+08	C	G	exonic	MUC4	nonsynonymous SNV	MUC4:NM_018406:exon2:c.G10508C:p.S3503T	NA	rs201339881	NA
chr3	1.96E+08	1.96E+08	C	G	exonic	MUC4	nonsynonymous SNV	MUC4:NM_018406:exon2:c.G10405C:p.D3469H	NA	rs76458038	NA
chr3	1.96E+08	1.96E+08	C	T	exonic	MUC4	synonymous SNV	MUC4:NM_018406:exon2:c.G10152A:p.S3384S	NA	rs2453135	NA
chr3	1.96E+08	1.96E+08	C	G	exonic	MUC4	nonsynonymous SNV	MUC4:NM_018406:exon2:c.G10127C:p.R3376P	NA	rs425562	NA
chr3	1.96E+08	1.96E+08	T	C	exonic	MUC4	nonsynonymous SNV	MUC4:NM_018406:exon2:c.A9950G:p.D3317G	NA	NA	NA
chr3	1.96E+08	1.96E+08	A	G	exonic	MUC4	synonymous SNV	MUC4:NM_018406:exon2:c.T9735C:p.H3245H	NA	NA	NA
chr3	1.96E+08	1.96E+08	C	G	exonic	MUC4	nonsynonymous SNV	MUC4:NM_018406:exon2:c.G9639C:p.Q3213H	NA	NA	NA
chr3	1.96E+08	1.96E+08	A	G	exonic	MUC4	synonymous SNV	MUC4:NM_018406:exon2:c.T9564C:p.T3188T	NA	rs76276263	NA
chr3	1.96E+08	1.96E+08	A	G	exonic	MUC4	nonsynonymous SNV	MUC4:NM_018406:exon2:c.T9530C:p.V3177A	NA	rs144952520	NA
chr3	1.96E+08	1.96E+08	C	T	exonic	MUC4	nonsynonymous SNV	MUC4:NM_018406:exon2:c.G9422A:p.S3141N	NA	NA	NA
chr3	1.96E+08	1.96E+08	A	G	exonic	MUC4	synonymous SNV	MUC4:NM_018406:exon2:c.T9324C:p.T3108T	D=COSM479908;OCCURENCE=1(kidney	rs200879287	NA
chr3	1.96E+08	1.96E+08	T	C	exonic	MUC4	nonsynonymous SNV	MUC4:NM_018406:exon2:c.A9049G:p.I3017V	NA	rs71321844	NA
chr3	1.96E+08	1.96E+08	A	G	exonic	MUC4	nonsynonymous SNV	MUC4:NM_018406:exon2:c.T8801C:p.L2934P	NA	NA	NA
chr3	1.96E+08	1.96E+08	C	G	exonic	MUC4	synonymous SNV	MUC4:NM_018406:exon2:c.G8733C:p.T2911T	NA	rs28385894	NA
chr3	1.96E+08	1.96E+08	A	G	exonic	MUC4	nonsynonymous SNV	MUC4:NM_018406:exon2:c.T8570C:p.V2857A	NA	NA	NA
chr3	1.96E+08	1.96E+08	C	T	exonic	MUC4	nonsynonymous SNV	MUC4:NM_018406:exon2:c.G8464A:p.A2822T	NA	rs28420515	NA
chr3	1.96E+08	1.96E+08	C	T	exonic	MUC4	nonsynonymous SNV	MUC4:NM_018406:exon2:c.G8416A:p.A2806T	NA	NA	NA
chr3	1.96E+08	1.96E+08	T	C	exonic	MUC4	nonsynonymous SNV	MUC4:NM_018406:exon2:c.A8392G:p.T2798A	NA	rs202157220	NA
chr3	1.96E+08	1.96E+08	T	G	exonic	MUC4	nonsynonymous SNV	MUC4:NM_018406:exon2:c.A8224C:p.T2742P	NA	NA	NA
chr3	1.96E+08	1.96E+08	G	T	exonic	MUC4	nonsynonymous SNV	MUC4:NM_018406:exon2:c.C7888A:p.P2630T	NA	NA	NA
chr3	1.96E+08	1.96E+08	T	C	exonic	MUC4	nonsynonymous SNV	MUC4:NM_018406:exon2:c.A7768G:p.T2590A	NA	rs76889457	NA
chr3	1.96E+08	1.96E+08	T	G	exonic	MUC4	nonsynonymous SNV	MUC4:NM_018406:exon2:c.A7637C:p.H2546P	NA	rs2453137	NA
chr3	1.96E+08	1.96E+08	C	G	exonic	MUC4	nonsynonymous SNV	MUC4:NM_018406:exon2:c.G7573C:p.D2525H	NA	NA	NA
chr3	1.96E+08	1.96E+08	A	G	exonic	MUC4	synonymous SNV	MUC4:NM_018406:exon2:c.T7518C:p.S2506S	NA	NA	NA
chr3	1.96E+08	1.96E+08	C	G	exonic	MUC4	nonsynonymous SNV	MUC4:NM_018406:exon2:c.G7487C:p.R2496P	NA	rs201759480	NA
chr3	1.96E+08	1.96E+08	C	G	exonic	MUC4	synonymous SNV	MUC4:NM_018406:exon2:c.G7461C:p.S2487S	NA	rs3096347	NA
chr3	1.96E+08	1.96E+08	A	G	exonic	MUC4	nonsynonymous SNV	MUC4:NM_018406:exon2:c.T7445C:p.L2482P	NA	NA	NA
chr3	1.96E+08	1.96E+08	A	G	exonic	MUC4	nonsynonymous SNV	MUC4:NM_018406:exon2:c.T7418C:p.V2473A	NA	rs200807157	NA
chr3	1.96E+08	1.96E+08	C	A	exonic	MUC4	nonsynonymous SNV	MUC4:NM_018406:exon2:c.G7400T:p.G2467V	COSM149594;OCCURENCE=1(stomach)	rs74867514	NA
chr3	1.96E+08	1.96E+08	C	G	exonic	MUC4	nonsynonymous SNV	MUC4:NM_018406:exon2:c.G7189C:p.D2397H	NA	NA	NA
chr3	1.96E+08	1.96E+08	A	G	exonic	MUC4	nonsynonymous SNV	MUC4:NM_018406:exon2:c.T6977C:p.L2326P	NA	rs71637184	NA
chr3	1.96E+08	1.96E+08	C	T	exonic	MUC4	synonymous SNV	MUC4:NM_018406:exon2:c.G6795A:p.V2265V	NA	NA	NA
chr3	1.96E+08	1.96E+08	C	G	exonic	MUC4	nonsynonymous SNV	MUC4:NM_018406:exon2:c.G6711C:p.Q2237H	NA	rs201069012	NA
chr3	1.96E+08	1.96E+08	A	G	exonic	MUC4	nonsynonymous SNV	MUC4:NM_018406:exon2:c.T6677C:p.L2226P	NA	rs78501179	NA
chr3	1.96E+08	1.96E+08	A	G	exonic	MUC4	nonsynonymous SNV	MUC4:NM_018406:exon2:c.T6293C:p.L2098P	NA	rs141952317	NA
chr3	1.96E+08	1.96E+08	A	T	exonic	MUC4	synonymous SNV	MUC4:NM_018406:exon2:c.T6081A:p.T2027T	NA	NA	NA

chr3	1.96E+08	1.96E+08	A	G	exonic	MUC4	synonymous SNV	MUC4:NM_018406:exon2:c.T6030C:p.S2010S	NA	NA	NA
chr3	1.96E+08	1.96E+08	A	G	exonic	MUC4	synonymous SNV	MUC4:NM_018406:exon2:c.T5991C:p.H1997H	NA	rs201804964	NA
chr3	1.96E+08	1.96E+08	C	T	exonic	MUC4	synonymous SNV	MUC4:NM_018406:exon2:c.G5979A:p.V1993V	NA	NA	NA
chr3	1.96E+08	1.96E+08	C	G	exonic	MUC4	synonymous SNV	MUC4:NM_018406:exon2:c.G5805C:p.T1935T	NA	rs3107750	NA
chr3	1.96E+08	1.96E+08	C	T	exonic	MUC4	synonymous SNV	MUC4:NM_018406:exon2:c.G5400A:p.S1800S	NA	NA	NA
chr3	1.96E+08	1.96E+08	T	A	exonic	MUC4	synonymous SNV	MUC4:NM_018406:exon2:c.A5328T:p.P1776P	NA	NA	NA
chr3	1.96E+08	1.96E+08	A	C	exonic	MUC4	synonymous SNV	MUC4:NM_018406:exon2:c.T5106G:p.V1702V	NA	rs71321841	NA
chr3	1.96E+08	1.96E+08	G	A	exonic	MUC4	nonsynonymous SNV	MUC4:NM_018406:exon2:c.C4919T:p.S1640L	NA	rs202024324	NA
chr3	1.96E+08	1.96E+08	C	G	exonic	MUC4	nonsynonymous SNV	MUC4:NM_018406:exon2:c.G4885C:p.D1629H	NA	rs78438024	NA
chr3	1.96E+08	1.96E+08	C	G	exonic	MUC4	nonsynonymous SNV	MUC4:NM_018406:exon2:c.G4789C:p.D1597H	NA	NA	NA
chr3	1.96E+08	1.96E+08	T	G	exonic	MUC4	nonsynonymous SNV	MUC4:NM_018406:exon2:c.A4517C:p.H1506P	NA	NA	NA
chr3	1.96E+08	1.96E+08	A	G	exonic	MUC4	synonymous SNV	MUC4:NM_018406:exon2:c.T4509C:p.T1503T	NA	NA	NA
chr3	1.96E+08	1.96E+08	T	A	exonic	MUC4	synonymous SNV	MUC4:NM_018406:exon2:c.A4347T:p.A1449A	NA	rs77907507	NA
chr3	1.96E+08	1.96E+08	C	T	exonic	MUC4	nonsynonymous SNV	MUC4:NM_018406:exon2:c.G4216A:p.A1406T	NA	NA	NA
chr3	1.96E+08	1.96E+08	A	G	exonic	MUC4	synonymous SNV	MUC4:NM_018406:exon2:c.T4092C:p.T1364T	NA	rs200702396	NA
chr3	1.96E+08	1.96E+08	A	G	exonic	MUC4	synonymous SNV	MUC4:NM_018406:exon2:c.T3885C:p.T1295T	NA	NA	NA
chr3	1.96E+08	1.96E+08	C	G	exonic	MUC4	synonymous SNV	MUC4:NM_018406:exon2:c.G3837C:p.T1279T	NA	rs200143504	NA
chr3	1.96E+08	1.96E+08	C	G	exonic	MUC4	nonsynonymous SNV	MUC4:NM_018406:exon2:c.G3783C:p.Q1261H	NA	NA	NA
chr3	1.96E+08	1.96E+08	T	G	exonic	MUC4	synonymous SNV	MUC4:NM_018406:exon2:c.A3705C:p.V1235V	NA	rs202086228	NA
chr3	1.96E+08	1.96E+08	C	G	exonic	MUC4	synonymous SNV	MUC4:NM_018406:exon2:c.G3549C:p.T1183T	NA	rs201387180	NA
chr3	1.96E+08	1.96E+08	C	G	exonic	MUC4	nonsynonymous SNV	MUC4:NM_018406:exon2:c.G3495C:p.Q1165H	NA	rs201497377	NA
chr3	1.96E+08	1.96E+08	A	G	exonic	MUC4	synonymous SNV	MUC4:NM_018406:exon2:c.T3471C:p.D1157D	NA	NA	NA
chr3	1.96E+08	1.96E+08	A	G	exonic	MUC4	synonymous SNV	MUC4:NM_018406:exon2:c.T3468C:p.T1156T	NA	NA	NA
chr3	1.96E+08	1.96E+08	A	G	exonic	MUC4	nonsynonymous SNV	MUC4:NM_018406:exon2:c.T3434C:p.V1145A	1149615,COSM149616;OCCURENCE=1(	rs199883835	NA
chr3	1.96E+08	1.96E+08	C	T	exonic	MUC4	nonsynonymous SNV	MUC4:NM_018406:exon2:c.G3085A:p.D1029N	NA	rs201613765	NA
chr3	1.96E+08	1.96E+08	T	C	ncRNA_exonic	SDHAP1	NA	NA	NA	rs189732960	NA
chr3	1.96E+08	1.96E+08	A	G	ncRNA_exonic	SDHAP1	NA	NA	NA	rs199975852	NA
chr3	1.96E+08	1.96E+08	A	G	ncRNA_exonic	SDHAP1	NA	NA	NA	rs200738162	NA
chr3	1.97E+08	1.97E+08	-	TTTTTTT	UTR3	SENPS	NA	NA	NA	NA	NA
chr3	1.98E+08	1.98E+08	TCAGCAGC/	-	exonic	FAM157A	nonframeshift deletion	FAM157A:NM_001145248:exon2:c.210_218del:p.70_73del	NA	NA	NA
chr3	1.98E+08	1.98E+08	A	C	exonic	FAM157A	synonymous SNV	FAM157A:NM_001145248:exon5:c.A927C:p.R309R	NA	rs202207735	NA
chr4	87567	87567	G	T	UTR3	ZNF595	NA	NA	NA	NA	NA
chr4	87570	87570	C	T	UTR3	ZNF595	NA	NA	NA	NA	NA
chr4	87574	87574	G	T	UTR3	ZNF595	NA	NA	NA	NA	NA
chr4	1020099	1020099	G	A	UTR3	FGFRL1	NA	NA	NA	NA	NA
chr4	1020221	1020221	T	C	UTR3	FGFRL1	NA	NA	NA	NA	NA
chr4	1388662	1388662	G	C	exonic	CRIPAK	synonymous SNV	CRIPAK:NM_175918:exon1:c.G363C:p.P121P	NA	rs9762106	NA
chr4	1388755	1388755	C	G	exonic	CRIPAK	synonymous SNV	CRIPAK:NM_175918:exon1:c.C456G:p.P152P	NA	rs141481663	NA
chr4	1388757	1388757	T	C	exonic	CRIPAK	nonsynonymous SNV	CRIPAK:NM_175918:exon1:c.T458C:p.M153T	ID=COSM225540;OCCURENCE=1(NS)	rs138170890	P
chr4	1388848	1388848	A	C	exonic	CRIPAK	synonymous SNV	CRIPAK:NM_175918:exon1:c.A549C:p.P183P	NA	rs74511366	NA
chr4	1389059	1389059	T	C	exonic	CRIPAK	nonsynonymous SNV	CRIPAK:NM_175918:exon1:c.T760C:p.C254R	NA	NA	D
chr4	1389070	1389070	A	G	exonic	CRIPAK	synonymous SNV	CRIPAK:NM_175918:exon1:c.A771G:p.G257G	NA	rs151096093	NA
chr4	2087366	2087366	G	T	exonic	POLN	nonsynonymous SNV	POLN:NM_181808:exon19:c.C2171A:p.A724E	NA	NA	B
chr4	2233366	2233366	G	T	UTR3	HAUS3	NA	NA	NA	rs3762940	NA
chr4	2932486	2932486	T	G	UTR3	MFS10	NA	NA	NA	NA	NA
chr4	5814242	5814242	G	T	UTR3	EVC	NA	NA	NA	NA	NA
chr4	6594947	6594947	A	C	exonic	MAN2B2	nonsynonymous SNV	MAN2B2:NM_015274:exon6:c.A728C:p.Q243P	NA	rs2301796	B
chr4	7743171	7743171	A	G	UTR3	SORCS2	NA	NA	NA	NA	NA
chr4	8582513	8582513	T	G	UTR5	GPR78	NA	NA	NA	rs4235270	NA
chr4	17804654	17804654	T	-	UTR3	DCAF16	NA	NA	NA	NA	NA
chr4	20731086	20731088	ATA	-	UTR3	KCNIP4	NA	NA	NA	rs75646296	NA
chr4	20731095	20731112	TTTAAATG	-	UTR3	KCNIP4	NA	NA	NA	rs139112400	NA
chr4	20852166	20852166	A	G	exonic	KCNIP4	synonymous SNV	IM_001035004:exon2:c.T102C:p.N34N,KCNIP4:NM_025221:exon2:c.T	NA	rs3765121	NA
chr4	22439886	22439886	C	A	exonic	GPR125	nonsynonymous SNV	GPR125:NM_145290:exon8:c.G1078T:p.D360Y	NA	NA	D
chr4	24832309	24832309	C	T	intronic	CCDC149	NA	NA	NA	rs12511680	NA
chr4	25280824	25280824	C	T	UTR3	PI4K2B	NA	NA	NA	NA	NA
chr4	25749200	25749201	AC	-	UTR3	SEL1L3	NA	NA	NA	rs147448161	NA
chr4	37614259	37614260	AA	-	UTR3	RELL1	NA	NA	NA	NA	NA
chr4	38626841	38626841	G	C	ncRNA_exonic	FLJ13197	NA	NA	NA	rs34075114	NA
chr4	39501647	39501647	-	A	UTR3	UGDH	NA	NA	NA	rs71645103	NA
chr4	41747030	41747030	T	G	UTR3	PHOX2B	NA	NA	NA	NA	NA
chr4	46314593	46314593	T	C	exonic	GABRA2	synonymous SNV	_001114175:exon4:c.A396G:p.K132K,GABRA2:NM_000807:exon5:c.A3=COSM1178493;OCCURENCE=1(prostat	rs279858	NA	NA
chr4	71347281	71347281	G	T	exonic	MUC7	nonsynonymous SNV	:p.A274S,MUC7:NM_001145006:exon4:c.G820T:p.A274S,MUC7:NM_(	NA	NA	NA
chr4	71521932	71521932	A	-	UTR3	IGJ	NA	NA	NA	NA	NA
chr4	74963303	74963303	-	AAAT	UTR3	CXCL2	NA	NA	NA	rs149438582	NA
chr4	74964830	74964830	C	T	exonic	CXCL2	nonsynonymous SNV	CXCL2:NM_002089:exon1:c.G8A:p.R3H	NA	rs186397980	B

chr4	75858518	75858518	G	C	UTR5	PARM1	NA	NA	NA	rs75120017	NA
chr4	76555253	76555253	G	A	UTR5	CDKL2	NA	NA	NA	NA	NA
chr4	78635593	78635614	AAAAAAA	-	UTR3	CNOT6L	NA	NA	NA	NA	NA
chr4	80824302	80824302	-	A	UTR3	ANTXR2	NA	NA	NA	NA	NA
chr4	80993796	80993796	G	T	UTR5	ANTXR2	NA	NA	NA	rs13140055	NA
chr4	82088324	82088324	G	A	exonic	PRKG2	synonymous SNV	PRKG2:NM_006259:exon5:c.C903T:p.C301C	NA	NA	NA
chr4	83841089	83841116	GATTA	-	UTR3	THAP9	NA	NA	NA	NA	NA
chr4	88225032	88225032	-	GTTA	UTR3	HSD17B13	NA	NA	NA	rs141759852	NA
chr4	88536471	88536471	A	G	exonic	DSPP	nonsynonymous SNV	DSPP:NM_014208:exon5:c.A2657G:p.N886S	NA	NA	NA
chr4	88536475	88536475	A	C	exonic	DSPP	nonsynonymous SNV	DSPP:NM_014208:exon5:c.A2661C:p.E887D	NA	NA	NA
chr4	88536883	88536883	T	C	exonic	DSPP	synonymous SNV	DSPP:NM_014208:exon5:c.T3069C:p.N1023N	NA	rs139018672	NA
chr4	88536899	88536899	A	G	exonic	DSPP	nonsynonymous SNV	DSPP:NM_014208:exon5:c.A3085G:p.N1029D	NA	rs150637282	NA
chr4	88536901	88536901	C	T	exonic	DSPP	synonymous SNV	DSPP:NM_014208:exon5:c.C3087T:p.N1029N	NA	rs148817324	NA
chr4	88537135	88537135	T	C	exonic	DSPP	synonymous SNV	DSPP:NM_014208:exon5:c.T3321C:p.D1107D	NA	NA	NA
chr4	88537150	88537150	C	T	exonic	DSPP	synonymous SNV	DSPP:NM_014208:exon5:c.C3336T:p.S1112S	NA	NA	NA
chr4	88537261	88537261	A	T	exonic	DSPP	nonsynonymous SNV	DSPP:NM_014208:exon5:c.A3447T:p.E1149D	NA	rs200612038	NA
chr4	88537441	88537441	C	T	exonic	DSPP	synonymous SNV	DSPP:NM_014208:exon5:c.C3627T:p.D1209D	NA	NA	NA
chr4	88537509	88537509	A	G	exonic	DSPP	nonsynonymous SNV	DSPP:NM_014208:exon5:c.A3695G:p.N1232S	ID=COSM226972;OCCURENCE=1(skin)	rs111876111	NA
chr4	88537513	88537513	A	C	exonic	DSPP	nonsynonymous SNV	DSPP:NM_014208:exon5:c.A3699C:p.E1233D	NA	rs112275895	NA
chr4	90757919	90757919	T	C	ncRNA_UTR5	SNCA	NA	NA	NA	NA	NA
chr4	94750481	94750481	T	G	exonic	ATOH1	nonsynonymous SNV	ATOH1:NM_005172:exon1:c.T404G:p.V135G	NA	NA	B
chr4	96076626	96076626	-	TT	UTR3	BMPR1B	NA	NA	NA	NA	NA
chr4	1E+08	1E+08	G	C	UTR5	MTTP	NA	NA	NA	rs11944749	NA
chr4	1.01E+08	1.01E+08	AAA	-	UTR3	MTTP	NA	NA	NA	NA	NA
chr4	1.04E+08	1.04E+08	A	T	UTR3	NFKB1	NA	NA	NA	NA	NA
chr4	1.04E+08	1.04E+08	A	T	UTR3	SLC9B1	NA	NA	NA	rs4881610	NA
chr4	1.14E+08	1.14E+08	A	C	exonic	ANK2	nonsynonymous SNV	ANK2:NM_001148:exon38:c.A5702C:p.H1901P	NA	NA	D
chr4	1.14E+08	1.14E+08	T	C	exonic	ANK2	synonymous SNV	ANK2:NM_001148:exon38:c.T5739C:p.R1913R	NA	NA	NA
chr4	1.19E+08	1.19E+08	T	C	exonic	PRSS12	synonymous SNV	PRSS12:NM_003619:exon6:c.A1281G:p.Q427Q	rs=COSM149728;OCCURENCE=1(stomac)	rs2292597	NA
chr4	1.29E+08	1.29E+08	T	C	UTR3	MFS5D8	NA	NA	NA	NA	NA
chr4	1.3E+08	1.3E+08	G	A	UTR3	PHF17	NA	NA	NA	NA	NA
chr4	1.39E+08	1.39E+08	G	T	ncRNA_UTR3	SLC7A11	NA	NA	NA	NA	NA
chr4	1.4E+08	1.4E+08	C	T	UTR3	CCRN4L	NA	NA	NA	NA	NA
chr4	1.4E+08	1.4E+08	A	T	UTR3	CCRN4L	NA	NA	NA	rs74826922	NA
chr4	1.4E+08	1.4E+08	T	-	UTR3	NAA15	NA	NA	NA	rs72425271	NA
chr4	1.46E+08	1.46E+08	A	G	UTR3	OTUD4	NA	NA	NA	NA	NA
chr4	1.53E+08	1.53E+08	A	-	UTR3	FBXW7	NA	NA	NA	rs3841114	NA
chr4	1.57E+08	1.57E+08	A	-	UTR3	GUCY1A3	NA	NA	NA	rs34880260	NA
chr4	1.58E+08	1.58E+08	A	G	UTR5	GRIA2	NA	NA	NA	NA	NA
chr4	1.59E+08	1.59E+08	G	A	exonic	TMEM144	synonymous SNV	TMEM144:NM_018342:exon9:c.G564A:p.V188V	NA	rs12504074	NA
chr4	1.59E+08	1.59E+08	C	A	UTR3	TMEM144	NA	NA	NA	rs1047725	NA
chr4	1.6E+08	1.6E+08	AA	-	UTR3	FNIP2	NA	NA	NA	NA	NA
chr4	1.83E+08	1.83E+08	A	T	ncRNA_exonic	MGC45800	NA	NA	NA	rs11132113	NA
chr4	1.84E+08	1.84E+08	-	ATTTT	ncRNA_exonic	FAM92A1P2	NA	NA	NA	rs10645315	NA
chr4	1.85E+08	1.85E+08	-	A	UTR3	STOX2	NA	NA	NA	NA	NA
chr4	1.87E+08	1.87E+08	C	A	exonic	CYP4V2	nonsynonymous SNV	CYP4V2:NM_207352:exon6:c.C775A:p.Q259K	NA	rs13146272	B
chr4	1.87E+08	1.87E+08	C	T	UTR3	CYP4V2	NA	NA	NA	rs62348765	NA
chr5	443236	443236	C	G	UTR5	C5orf55	NA	NA	NA	rs115554641	NA
chr5	661471	661471	A	C	UTR3	TPPP	NA	NA	NA	rs148811543	NA
chr5	661489	661489	G	C	UTR3	TPPP	NA	NA	NA	rs13160060	NA
chr5	661496	661496	C	G	UTR3	TPPP	NA	NA	NA	rs13174941	NA
chr5	661502	661502	A	C	UTR3	TPPP	NA	NA	NA	NA	NA
chr5	663032	663032	G	A	UTR3	TPPP	NA	NA	NA	NA	NA
chr5	663113	663113	C	T	UTR3	TPPP	NA	NA	NA	rs111333472	NA
chr5	663185	663185	C	T	UTR3	TPPP	NA	NA	NA	rs9313157	NA
chr5	663244	663244	T	G	UTR3	TPPP	NA	NA	NA	NA	NA
chr5	833915	833915	G	T	exonic	ZDHH11	nonsynonymous SNV	ZDHH11:NM_024786:exon7:c.C908A:p.A303D	rs=COSM131335;OCCURENCE=1(liver)	rs605088	B
chr5	1036435	1036435	G	A	exonic	NKD2	synonymous SNV	_001271082:exon9:c.G723A:p.T241T,NKD2:NM_033120:exon9:c.G723	NA	rs73026757	NA
chr5	10239261	10239261	G	A	exonic	FAM173B	nonsynonymous SNV	!4T:p.T75M,FAM173B:NM_001258389:exon2:c.C224T:p.T75M,FAM17	NA	rs2438652	B
chr5	10279657	10279657	T	-	UTR3	CMBL	NA	NA	NA	NA	NA
chr5	14696103	14696103	T	-	UTR3	FAM105B	NA	NA	NA	rs35172360	NA
chr5	15937663	15937663	C	A	UTR3	FBXL7	NA	NA	NA	rs113454368	NA
chr5	16465854	16465854	A	C	UTR5	ZNF622	NA	NA	NA	NA	NA
chr5	16794916	16794916	G	A	exonic	MYO10	synonymous SNV	MYO10:NM_012334:exon4:c.C306T:p.S102S	NA	rs396514	NA
chr5	17276053	17276053	-	CT	UTR3	BASP1	NA	NA	NA	NA	NA
chr5	23521146	23521146	G	T	exonic	PRDM9	synonymous SNV	PRDM9:NM_020227:exon6:c.G366T:p.A122A	NA	NA	NA

chr5	23527323	23527323	C	G	exonic	PRDM9	nonsynonymous SNV	PRDM9:NM_020227:exon11:c.C2126G:p.T709S	NA	rs200539936	B
chr5	23527492	23527492	A	T	exonic	PRDM9	nonsynonymous SNV	PRDM9:NM_020227:exon11:c.A2295T:p.R765S	CURENCE=1(haematopoietic_and_lym	rs112815500	B
chr5	23527555	23527555	A	C	exonic	PRDM9	nonsynonymous SNV	PRDM9:NM_020227:exon11:c.A2358C:p.R786S	M226129;OCCURENCE=1(NS),2(endom	rs200853373	B
chr5	23527721	23527721	C	A	exonic	PRDM9	nonsynonymous SNV	PRDM9:NM_020227:exon11:c.C2524A:p.R842S	NA	rs201643800	B
chr5	33937999	33937999	A	C	exonic	RXFP3	nonsynonymous SNV	RXFP3:NM_016568:exon1:c.A1154C:p.N385T	NA	NA	D
chr5	35909976	35909976	C	A	exonic	CAPSL	nonsynonymous SNV	_001042625:exon4:c.G517T:p.D173Y,CAPSL:NM_144647:exon4:c.G51:	NA	NA	D
chr5	43042495	43042495	T	G	ncRNA_exonic	LOC153684	NA	NA	NA	NA	NA
chr5	43290195	43290195	A	-	UTR3	HMGCS1	NA	NA	NA	NA	NA
chr5	52388455	52388455	A	-	UTR3	ITGA2	NA	NA	NA	NA	NA
chr5	55168106	55168106	G	T	exonic	IL31RA	nonsynonymous SNV	1_001242637:exon4:c.G281T:p.G94V,IL31RA:NM_139017:exon4:c.G28	NA	NA	B
chr5	61000547	61000547	T	-	UTR3	C5orf64	NA	NA	NA	rs34116602	NA
chr5	70672628	70672628	T	-	ncRNA_exonic	PMCHL2	NA	NA	NA	rs199622932	NA
chr5	71503811	71503811	G	T	UTR3	MAP1B	NA	NA	NA	NA	NA
chr5	78324457	78324457	C	A	exonic	DMGDH	nonsynonymous SNV	DMGDH:NM_013391:exon12:c.G1831T:p.A611S	NA	NA	B
chr5	78809641	78809641	C	A	UTR5	HOMER1	NA	NA	NA	NA	NA
chr5	80738520	80738520	G	T	exonic	SSBP2	nonsynonymous SNV	001256735:exon12:c.C711A:p.N237K,SSBP2:NM_001256736:exon12:c.	NA	NA	D
chr5	90666826	90666826	A	-	UTR3	ARRDC3	NA	NA	NA	NA	NA
chr5	92905599	92905599	C	A	ncRNA_exonic	FLJ42709	NA	NA	NA	NA	NA
chr5	93488502	93488502	A	T	UTR3	KIAA0825	NA	NA	NA	rs72771613	NA
chr5	93488608	93488608	T	A	UTR3	KIAA0825	NA	NA	NA	rs6892655	NA
chr5	94278129	94278129	T	C	exonic	MCTP1	synonymous SNV	_001002796:exon4:c.A321G:p.V107V,MCTP1:NM_024717:exon4:c.A9E	NA	rs293035	NA
chr5	1.02E+08	1.02E+08	GT	-	UTR3	SLCO4C1	NA	NA	NA	NA	NA
chr5	1.09E+08	1.09E+08	AA	-	UTR3	MAN2A1	NA	NA	NA	NA	NA
chr5	1.15E+08	1.15E+08	-	AGGC	UTR5	AP3S1	NA	NA	NA	rs144226661	NA
chr5	1.15E+08	1.15E+08	C	T	exonic	COMMD10	synonymous SNV	COMMD10:NM_016144:exon5:c.C408T:p.T136T	)=COSM149902;OCCURENCE=1(stomac	rs1129496	NA
chr5	1.16E+08	1.16E+08	A	-	UTR3	SEMA6A	NA	NA	NA	rs35304104	NA
chr5	1.19E+08	1.19E+08	-	A	UTR3	HSD17B4	NA	NA	NA	NA	NA
chr5	1.22E+08	1.22E+08	CACACACA	-	UTR3	SNX2	NA	NA	NA	rs71851865	NA
chr5	1.22E+08	1.22E+08	A	-	UTR3	SNX2	NA	NA	NA	NA	NA
chr5	1.24E+08	1.24E+08	-	AA	UTR3	ZNF608	NA	NA	NA	NA	NA
chr5	1.26E+08	1.26E+08	C	T	UTR3	3-Mar	NA	NA	NA	rs75301583	NA
chr5	1.26E+08	1.26E+08	T	-	UTR3	C5orf63	NA	NA	NA	NA	NA
chr5	1.28E+08	1.28E+08	T	-	UTR3	SLC12A2	NA	NA	NA	rs71949635	NA
chr5	1.28E+08	1.28E+08	T	-	UTR3	SLC12A2	NA	NA	NA	rs140582306	NA
chr5	1.31E+08	1.31E+08	-	T	UTR3	RAPGEF6	NA	NA	NA	NA	NA
chr5	1.32E+08	1.32E+08	C	T	UTR3	SLC22A5	NA	NA	NA	NA	NA
chr5	1.32E+08	1.32E+08	T	G	ncRNA_intronic	C5orf56	NA	NA	NA	NA	NA
chr5	1.32E+08	1.32E+08	C	T	ncRNA_intronic	C5orf56	NA	NA	NA	rs2522050	NA
chr5	1.34E+08	1.34E+08	C	A	UTR3	DDX46	NA	NA	NA	NA	NA
chr5	1.34E+08	1.34E+08	AAATAAAT	-	UTR3	C5orf24	NA	NA	NA	NA	NA
chr5	1.35E+08	1.35E+08	G	T	ncRNA_exonic	SMAD5-AS1	NA	NA	NA	NA	NA
chr5	1.36E+08	1.36E+08	T	C	ncRNA_exonic	LOC389332	NA	NA	NA	rs6889814	NA
chr5	1.37E+08	1.37E+08	A	C	UTR3	HNRNPA0	NA	NA	NA	NA	NA
chr5	1.37E+08	1.37E+08	T	C	UTR3	HNRNPA0	NA	NA	NA	NA	NA
chr5	1.37E+08	1.37E+08	G	C	exonic	HNRNPA0	synonymous SNV	HNRNPA0:NM_006805:exon1:c.C897G:p.G299G	NA	NA	NA
chr5	1.37E+08	1.37E+08	A	C	exonic	HNRNPA0	synonymous SNV	HNRNPA0:NM_006805:exon1:c.T888G:p.G296G	NA	NA	NA
chr5	1.38E+08	1.38E+08	-	GTGT	UTR3	LRRTM2	NA	NA	NA	NA	NA
chr5	1.39E+08	1.39E+08	C	G	exonic	CXXC5	synonymous SNV	CXXC5:NM_016463:exon2:c.C294G:p.G98G	NA	NA	NA
chr5	1.39E+08	1.39E+08	-	A	UTR3	PURA	NA	NA	NA	NA	NA
chr5	1.41E+08	1.41E+08	G	T	UTR3	PCDHB9	NA	NA	NA	NA	NA
chr5	1.41E+08	1.41E+08	T	C	UTR3	PCDHB9	NA	NA	NA	rs2907326	NA
chr5	1.49E+08	1.49E+08	C	G	ncRNA_exonic	MIR143HG	NA	NA	NA	rs519814	NA
chr5	1.49E+08	1.49E+08	C	A	downstream	CSNK1A1	NA	NA	NA	NA	NA
chr5	1.49E+08	1.49E+08	G	A	downstream	CSNK1A1	NA	NA	NA	NA	NA
chr5	1.49E+08	1.49E+08	C	T	exonic	ARHGEF37	nonsynonymous SNV	ARHGEF37:NM_001001669:exon11:c.C1466T:p.P489L	NA	rs9324624	D
chr5	1.49E+08	1.49E+08	C	T	UTR3	PDE6A	NA	NA	NA	rs72660270	NA
chr5	1.49E+08	1.49E+08	C	T	UTR3	PDE6A	NA	NA	NA	rs888895	NA
chr5	1.5E+08	1.5E+08	T	G	UTR5	TCOF1	NA	NA	NA	rs4565199	NA
chr5	1.5E+08	1.5E+08	A	T	UTR3	SYNPO	NA	NA	NA	NA	NA
chr5	1.51E+08	1.51E+08	T	C	UTR3	SLC36A2	NA	NA	NA	rs364420	NA
chr5	1.51E+08	1.51E+08	-	AAT	UTR3	SLC36A2	NA	NA	NA	rs10681775	NA
chr5	1.51E+08	1.51E+08	-	A	UTR3	SLC36A2	NA	NA	NA	rs33912867	NA
chr5	1.52E+08	1.52E+08	-	A	UTR3	NMUR2	NA	NA	NA	NA	NA
chr5	1.56E+08	1.56E+08	-	GTT	exonic	HAVCR1	nonframeshift insertion	,HAVCR1:NM_001099414:exon4:c.477_478insAAC:p.T159delinsTT,HA'	NA	rs139041445	NA
chr5	1.56E+08	1.56E+08	C	G	UTR5	HAVCR1	NA	NA	NA	rs9313422	NA
chr5	1.57E+08	1.57E+08	-	A	UTR3	CYFIP2	NA	NA	NA	NA	NA

chr5	1.58E+08	1.58E+08	-	A	UTR3	EBF1	NA	NA	NA	NA	NA
chr5	1.59E+08	1.59E+08	CA	-	UTR3	UBLCP1	NA	NA	NA	NA	NA
chr5	1.61E+08	1.61E+08	-	T	UTR3	GABRB2	NA	NA	NA	NA	NA
chr5	1.62E+08	1.62E+08	C	T	exonic	GABRG2	synonymous SNV	3T:p.N196N,GABRG2:NM_198903:exon5:c.C588T;p.N196N,GABRG2:NM_198903:exon5:c.C588T	ID=COSM150008;OCCURENCE=1(stomach)	rs211037	NA
chr5	1.68E+08	1.68E+08	C	A	ncRNA_exonic	FBLL1	NA	NA	NA	rs111777993	NA
chr5	1.7E+08	1.7E+08	-	G	ncRNA_exonic	LOC257358	NA	NA	NA	rs201174922	NA
chr5	1.72E+08	1.72E+08	A	G	UTR3	SH3PXD2B	NA	NA	NA	rs10050631	NA
chr5	1.73E+08	1.73E+08	A	G	exonic	BOD1	synonymous SNV	BOD1:NM_138369:exon3:c.T543C;p.S181S	ID=COSM311048;OCCURENCE=1(lung)	rs77014290	NA
chr5	1.76E+08	1.76E+08	T	G	UTR3	EIF4E1B	NA	NA	NA	NA	NA
chr5	1.76E+08	1.76E+08	A	C	exonic	UNC5A	nonsynonymous SNV	UNC5A:NM_133369:exon8:c.A1246C;p.T416P	NA	NA	B
chr5	1.77E+08	1.77E+08	T	G	UTR3	PROP1	NA	NA	NA	NA	NA
chr6	407629	407629	-	T	UTR3	IRF4	NA	NA	NA	NA	NA
chr6	2889933	2889933	A	-	UTR3	SERPINB9	NA	NA	NA	rs10714355	NA
chr6	7249296	7249299	GAGA	-	UTR3	RREB1	NA	NA	NA	rs66585613	NA
chr6	10796303	10796303	T	G	exonic	MAK	nonsynonymous SNV	'1C:p.Q357H,MAK:NM_001242957:exon9:c.A1071C;p.Q357H,MAK:NM_001242957:exon9:c.A1071C	NA	NA	P
chr6	11714197	11714197	-	A	UTR3	ADTRP	NA	NA	NA	NA	NA
chr6	11714639	11714639	G	A	UTR3	ADTRP	NA	NA	NA	rs200727372	NA
chr6	15521323	15521323	G	A	UTR3	JARID2	NA	NA	NA	NA	NA
chr6	17688638	17688638	C	A	exonic	NUP153	nonsynonymous SNV	NUP153:NM_005124:exon2:c.G323T;p.S108I	NA	NA	B
chr6	18129306	18129306	C	A	UTR3	TPMT	NA	NA	NA	NA	NA
chr6	21597697	21597697	C	T	UTR3	SOX4	NA	NA	NA	NA	NA
chr6	21597716	21597716	C	T	UTR3	SOX4	NA	NA	NA	NA	NA
chr6	25769247	25769247	C	A	exonic	SLC17A4	synonymous SNV	SLC17A4:NM_005495:exon3:c.C126A;p.I42I	NA	NA	NA
chr6	26525864	26525864	-	A	ncRNA_exonic	HCG11	NA	NA	NA	rs35998206	NA
chr6	29640039	29640039	G	A	UTR3	MOG	NA	NA	NA	rs1984840	NA
chr6	29857177	29857177	G	A	ncRNA_exonic	HLA-H	NA	NA	NA	rs1059578	NA
chr6	29867090	29867090	A	C	intergenic	-H(dist=8234),HCG4B(dist=25)	NA	NA	NA	rs9259500	NA
chr6	29867345	29867345	-	CT	intergenic	-H(dist=8489),HCG4B(dist=25)	NA	NA	NA	rs142277328	NA
chr6	29867768	29867768	G	A	intergenic	-H(dist=8912),HCG4B(dist=24)	NA	NA	NA	rs3094183	NA
chr6	29892568	29892568	C	A	ncRNA_exonic	HCG4B	NA	NA	NA	NA	NA
chr6	29892570	29892570	A	T	ncRNA_exonic	HCG4B	NA	NA	NA	NA	NA
chr6	29912149	29912149	G	C	exonic	HLA-A	synonymous SNV	_001242758:exon4:c.G870C;p.L290L,HLA-A:NM_002116:exon4:c.G870C	NA	rs1136832	NA
chr6	30232436	30232436	G	A	ncRNA_exonic	HLA-L	NA	NA	NA	rs3094630	NA
chr6	30232545	30232548	AGAA	-	ncRNA_exonic	HLA-L	NA	NA	NA	rs144443573	NA
chr6	30233356	30233356	-	TTTA	ncRNA_exonic	HLA-L	NA	NA	NA	rs148801141	NA
chr6	30672634	30672634	C	G	exonic	MDC1	synonymous SNV	MDC1:NM_014641:exon10:c.G4326C;p.V1442V	NA	NA	NA
chr6	30673064	30673064	C	T	exonic	MDC1	nonsynonymous SNV	MDC1:NM_014641:exon10:c.G3896A;p.R1299Q	NA	rs144657716	NA
chr6	30673422	30673422	A	G	exonic	MDC1	nonsynonymous SNV	MDC1:NM_014641:exon10:c.T3538C;p.S1180P	NA	rs9461623	P
chr6	30673432	30673432	C	T	exonic	MDC1	synonymous SNV	MDC1:NM_014641:exon10:c.G3528A;p.Q1176Q	NA	rs78306040	NA
chr6	30918208	30918208	T	C	exonic	DPCR1	nonsynonymous SNV	DPCR1:NM_080870:exon2:c.T1967C;p.F656S	NA	NA	NA
chr6	30918690	30918690	T	C	exonic	DPCR1	nonsynonymous SNV	DPCR1:NM_080870:exon2:c.T2449C;p.S817P	NA	NA	NA
chr6	30919155	30919155	G	A	exonic	DPCR1	nonsynonymous SNV	DPCR1:NM_080870:exon2:c.G2914A;p.D972N	NA	rs185499634	NA
chr6	30954600	30954600	A	C	exonic	MUC21	nonsynonymous SNV	MUC21:NM_001010909:exon2:c.A648C;p.R216S	NA	NA	NA
chr6	30954611	30954611	A	G	exonic	MUC21	nonsynonymous SNV	MUC21:NM_001010909:exon2:c.A659G;p.N220S	NA	rs202115956	NA
chr6	30954618	30954618	T	C	exonic	MUC21	synonymous SNV	MUC21:NM_001010909:exon2:c.T666C;p.A222A	NA	NA	NA
chr6	30955127	30955127	C	A	exonic	MUC21	nonsynonymous SNV	MUC21:NM_001010909:exon2:c.C1175A;p.T392N	NA	rs9262397	NA
chr6	31022557	31022557	G	A	ncRNA_intronic	HCG22	NA	NA	NA	rs2523853	NA
chr6	31024175	31024175	T	C	ncRNA_exonic	HCG22	NA	NA	NA	rs117227928	NA
chr6	31025713	31025713	C	A	ncRNA_intronic	HCG22	NA	NA	NA	rs2517524	NA
chr6	31133943	31133943	C	A	UTR5	POU5F1	NA	NA	NA	rs3130932	NA
chr6	31141612	31141612	A	T	ncRNA_exonic	PSORS1C3	NA	NA	NA	rs2269711	NA
chr6	31324525	31324525	C	T	exonic	HLA-B	nonsynonymous SNV	HLA-B:NM_005514:exon2:c.G283A;p.A95T	NA	rs1131213	NA
chr6	31324526	31324526	C	G	exonic	HLA-B	nonsynonymous SNV	HLA-B:NM_005514:exon2:c.G282C;p.Q94H	NA	rs1131212	NA
chr6	31324528	31324528	G	T	exonic	HLA-B	nonsynonymous SNV	HLA-B:NM_005514:exon2:c.C280A;p.Q94K	NA	rs1071817	NA
chr6	31324531	31324531	C	T	exonic	HLA-B	nonsynonymous SNV	HLA-B:NM_005514:exon2:c.G277A;p.A93T	NA	rs1131204	NA
chr6	31324536	31324536	T	G	exonic	HLA-B	nonsynonymous SNV	HLA-B:NM_005514:exon2:c.A272C;p.Y91S	NA	rs1071816	NA
chr6	31324547	31324547	G	C	exonic	HLA-B	nonsynonymous SNV	HLA-B:NM_005514:exon2:c.C261G;p.N87K	NA	rs151341177	NA
chr6	31324549	31324549	T	C	exonic	HLA-B	nonsynonymous SNV	HLA-B:NM_005514:exon2:c.A259G;p.N87D	NA	rs143633217	NA
chr6	31324586	31324586	C	T	exonic	HLA-B	synonymous SNV	HLA-B:NM_005514:exon2:c.G222A;p.P74P	NA	rs139850307	NA
chr6	31465899	31465899	G	C	UTR5	MICB	NA	NA	NA	rs2516498	NA
chr6	31465905	31465905	G	T	UTR5	MICB	NA	NA	NA	rs2516497	NA
chr6	31465915	31465915	G	C	UTR5	MICB	NA	NA	NA	rs3828916	NA
chr6	31595773	31595784	TGCTGCC	-	exonic	PRRC2A	nonframeshift deletion	n12:c.1522_1533del;p.508_511del,PRRC2A:NM_080686:exon12:c.1522_1533del	NA	rs149965706	NA
chr6	31976161	31976161	A	G	exonic	CYP21A2	unknown	UNKNOWN	NA	rs200893608	NA
chr6	32548550	32548550	G	A	exonic	HLA-DRB1	synonymous SNV	HLA-DRB1:NM_002124:exon4:c.C736T;p.L246L	NA	rs1059362	NA
chr6	32549596	32549596	T	C	exonic	HLA-DRB1	synonymous SNV	HLA-DRB1:NM_002124:exon3:c.A390G;p.V130V	NA	rs111823233	NA

chr6	32557504	32557504	G	A	exonic	HLA-DRB1	nonsynonymous SNV	HLA-DRB1:NM_002124:exon1:c.C16T:p.L6F	NA	rs17879020	NA
chr6	32605234	32605234	G	A	UTR5	HLA-DQA1	NA	NA	NA	rs1047987	NA
chr6	32845561	32845561	A	-	intergenic	ist=17933),LOC100294145(dis	NA	NA	NA	rs34093445	NA
chr6	32846167	32846167	C	T	intergenic	ist=18539),LOC100294145(dis	NA	NA	NA	NA	NA
chr6	33032968	33032968	G	A	UTR3	HLA-DPA1	NA	NA	NA	rs8486	NA
chr6	33054353	33054353	G	A	UTR3	HLA-DPB1	NA	NA	NA	rs9277522	NA
chr6	33054355	33054355	A	C	UTR3	HLA-DPB1	NA	NA	NA	rs9277523	NA
chr6	33179668	33179668	T	G	exonic	RING1	synonymous SNV	RING1:NM_002931:exon6:c.T1008G:p.G336G	NA	rs117630006	NA
chr6	33422545	33422545	C	G	UTR5	ZBTB9	NA	NA	NA	rs2274730	NA
chr6	36853786	36853786	-	G	UTR5	C6orf89	NA	NA	NA	NA	NA
chr6	36995222	36995222	G	A	exonic	FGD2	synonymous SNV	FGD2:NM_173558:exon15:c.G1623A:p.T541T	NA	rs2274587	NA
chr6	36995281	36995281	G	A	exonic	FGD2	nonsynonymous SNV	FGD2:NM_173558:exon15:c.G1682A:p.S561N	NA	rs148473105	B
chr6	38139332	38139333	TGTGTGTG	-	UTR3	BTBD9	NA	NA	NA	rs72137261	NA
chr6	38140548	38140548	G	A	UTR3	BTBD9	NA	NA	NA	NA	NA
chr6	39053943	39053948	ACACAC	-	UTR3	GLP1R	NA	NA	NA	NA	NA
chr6	39284184	39284184	A	G	exonic	KCNK16	synonymous SNV	_001135106:exon5:c.T696C;p.Y232Y,KCNK16:NM_032115:exon5:c.T6	NA	rs3734618	NA
chr6	40360273	40360273	C	T	exonic	LRFN2	synonymous SNV	LRFN2:NM_020737:exon3:c.G1779A:p.G593G	NA	NA	NA
chr6	41090722	41090722	C	A	ncRNA_exonic	ADCY10P1	NA	NA	NA	NA	NA
chr6	41158908	41158909	TG	-	UTR3	TREML2	NA	NA	NA	NA	NA
chr6	42931628	42931631	TTTA	-	UTR3	PEX6	NA	NA	NA	rs144286892	NA
chr6	42946943	42946943	G	A	UTR5	PEX6	NA	NA	NA	rs9462859	NA
chr6	43584152	43584152	A	G	UTR3	POLH	NA	NA	NA	rs9472090	NA
chr6	45517740	45517740	T	-	UTR3	RUNX2	NA	NA	NA	rs11320232	NA
chr6	45868268	45868268	-	AAAAAAAAA	UTR3	CLIC5	NA	NA	NA	NA	NA
chr6	46672210	46672221	CTCTCACA	-	UTR3	PLA2G7	NA	NA	NA	rs144459411	NA
chr6	47445789	47445789	A	C	UTR5	CD2AP	NA	NA	NA	rs1056434	NA
chr6	47792560	47792560	T	-	UTR3	OPN5	NA	NA	NA	NA	NA
chr6	49460746	49460746	C	A	UTR3	CENPQ	NA	NA	NA	NA	NA
chr6	49460762	49460762	G	T	UTR3	CENPQ	NA	NA	NA	NA	NA
chr6	52272471	52272471	C	A	UTR3	PAQR8	NA	NA	NA	rs2397089	NA
chr6	52362410	52362410	T	G	UTR3	TRAM2	NA	NA	NA	NA	NA
chr6	52362424	52362424	G	T	UTR3	TRAM2	NA	NA	NA	NA	NA
chr6	52365317	52365317	T	G	UTR3	TRAM2	NA	NA	NA	rs9395798	NA
chr6	56033094	56033094	G	A	exonic	COL21A1	nonsynonymous SNV	COL21A1:NM_030820:exon6:c.C1028T:p.T343M	NA	rs35471617	NA
chr6	57393144	57393144	A	T	exonic	PRIM2	unknown	UNKNOWN	=COSM1131820;OCCURENCE=1(prostat	rs3763183	NA
chr6	57398207	57398207	G	T	exonic	PRIM2	unknown	UNKNOWN		rs71214816	NA
chr6	57512841	57512841	A	G	UTR3	PRIM2	NA	NA	NA	rs78256005	NA
chr6	57512850	57512850	C	G	UTR3	PRIM2	NA	NA	NA	rs77911716	NA
chr6	57512889	57512889	C	T	UTR3	PRIM2	NA	NA	NA	rs75351177	NA
chr6	57512902	57512902	G	A	UTR3	PRIM2	NA	NA	NA	rs77563921	NA
chr6	57512916	57512916	-	T	UTR3	PRIM2	NA	NA	NA	rs200683929	NA
chr6	57512933	57512933	G	A	UTR3	PRIM2	NA	NA	NA	rs77947729	NA
chr6	57513082	57513082	C	T	UTR3	PRIM2	NA	NA	NA	rs75390508	NA
chr6	57513140	57513140	-	AACA	UTR3	PRIM2	NA	NA	NA	rs56224260	NA
chr6	57513160	57513160	G	A	UTR3	PRIM2	NA	NA	NA	rs76503032	NA
chr6	57513205	57513205	C	T	UTR3	PRIM2	NA	NA	NA	rs74617308	NA
chr6	57513292	57513292	C	T	UTR3	PRIM2	NA	NA	NA	rs79506978	NA
chr6	57513366	57513366	A	G	UTR3	PRIM2	NA	NA	NA	rs74652947	NA
chr6	70917069	70917070	TT	-	UTR3	COL19A1	NA	NA	NA	NA	NA
chr6	71666227	71666227	G	A	UTR5	B3GAT2	NA	NA	NA	rs9446313	NA
chr6	73907362	73907362	A	C	UTR3	KCNQ5	NA	NA	NA	rs10943079	NA
chr6	74536576	74536576	-	T	UTR3	CD109	NA	NA	NA	rs11451739	NA
chr6	76640781	76640781	C	T	exonic	IMPG1	nonsynonymous SNV	IMPG1:NM_001563:exon15:c.G2132A:p.R711H	NA	rs3734313	D
chr6	80411320	80411320	T	-	UTR3	SH3BGRL2	NA	NA	NA	NA	NA
chr6	83074365	83074365	C	T	UTR5	TPBG	NA	NA	NA	rs770911	NA
chr6	90346603	90346603	C	T	UTR3	LYRM2	NA	NA	NA	rs1134136	NA
chr6	97592002	97592005	AAAG	-	ncRNA_UTR3	MMS22L	NA	NA	NA	NA	NA
chr6	97592005	97592008	GAGA	-	ncRNA_UTR3	MMS22L	NA	NA	NA	NA	NA
chr6	99724024	99724024	A	-	UTR3	FAXC	NA	NA	NA	rs11307978	NA
chr6	1.06E+08	1.06E+08	A	G	UTR3	BVES	NA	NA	NA	rs7771833	NA
chr6	1.07E+08	1.07E+08	C	A	UTR3	PRDM1	NA	NA	NA	NA	NA
chr6	1.07E+08	1.07E+08	C	T	UTR3	PRDM1	NA	NA	NA	NA	NA
chr6	1.07E+08	1.07E+08	T	C	ncRNA_intronic	LOC100422737	NA	NA	NA	rs3117417	NA
chr6	1.07E+08	1.07E+08	A	-	UTR3	BEND3	NA	NA	NA	NA	NA
chr6	1.1E+08	1.1E+08	T	C	exonic	PPIL6	nonsynonymous SNV	_001111298:exon3:c.A329G;p.H110R,PPIL6:NM_173672:exon3:c.A329	NA	rs9398200	P
chr6	1.1E+08	1.1E+08	G	A	UTR5	PPIL6,SMPD2	NA	NA	NA	rs1048203	NA

chr6	1.14E+08	1.14E+08	T	-	UTR3	MARCKS	NA	NA	NA	NA	NA
chr6	1.32E+08	1.32E+08	C	G	exonic	ARG1	nonsynonymous SNV	M_000045:exon2:c.C82G:p.P28A,ARG1:NM_001244438:exon2:c.C82G	NA	NA	P
chr6	1.36E+08	1.36E+08	C	A	UTR5	AHI1	NA	NA	NA	rs13197384	NA
chr6	1.37E+08	1.37E+08	AA	-	UTR3	PDE7B	NA	NA	NA	NA	NA
chr6	1.37E+08	1.37E+08	T	C	UTR3	BCLAF1	NA	NA	NA	rs74299323	NA
chr6	1.39E+08	1.39E+08	A	-	UTR3	KIAA1244	NA	NA	NA	NA	NA
chr6	1.44E+08	1.44E+08	C	T	UTR3	ADAT2	NA	NA	NA	rs9484744	NA
chr6	1.44E+08	1.44E+08	T	-	UTR3	PHACTR2	NA	NA	NA	NA	NA
chr6	1.44E+08	1.44E+08	A	T	ncRNA_exonic	HYMAI	NA	NA	NA	rs1474882	NA
chr6	1.45E+08	1.45E+08	C	T	UTR3	STX11	NA	NA	NA	rs148087652	NA
chr6	1.51E+08	1.51E+08	G	-	UTR3	PPP1R14C	NA	NA	NA	rs201167515	NA
chr6	1.53E+08	1.53E+08	T	C	exonic	MTRF1L	nonsynonymous SNV	1_001114184:exon1:c.A112G:p.T38A,MTRF1L:NM_019041:exon1:c.A1	NA	rs3818125	B
chr6	1.56E+08	1.56E+08	AA	-	UTR3	TFB1M,TIAM2	NA	NA	NA	rs139032680	NA
chr6	1.58E+08	1.58E+08	C	T	UTR3	ARID1B	NA	NA	NA	NA	NA
chr6	1.59E+08	1.59E+08	A	-	UTR3	GTF2H5	NA	NA	NA	rs3841147	NA
chr6	1.59E+08	1.59E+08	T	-	UTR3	GTF2H5	NA	NA	NA	NA	NA
chr6	1.59E+08	1.59E+08	A	C	exonic	TULP4	nonsynonymous SNV	TULP4:NM_020245:exon13:c.A2306C:p.N769T	ID=COSM400671;OCCURENCE=1(lung)	NA	B
chr6	1.6E+08	1.6E+08	A	G	exonic	SOD2	nonsynonymous SNV	7C:p.V16A,SOD2:NM_001024465:exon2:c.T47C:p.V16A,SOD2:NM_00	NA	rs4880	NA
chr6	1.6E+08	1.6E+08	G	T	UTR3	WTAP	NA	NA	NA	NA	NA
chr6	1.6E+08	1.6E+08	G	T	UTR3	WTAP	NA	NA	NA	NA	NA
chr6	1.61E+08	1.61E+08	A	-	ncRNA_exonic	LOC729603	NA	NA	NA	NA	NA
chr6	1.61E+08	1.61E+08	TG	-	UTR3	IGF2R	NA	NA	NA	NA	NA
chr6	1.61E+08	1.61E+08	C	A	exonic	MAP3K4	nonsynonymous SNV	_005922:exon4:c.C1909A:p.Q637K,MAP3K4:NM_006724:exon4:c.C19	NA	NA	D
chr6	1.64E+08	1.64E+08	A	C	UTR3	QKI	NA	NA	NA	NA	NA
chr6	1.68E+08	1.68E+08	C	T	ncRNA_exonic	MLLT4-AS1	NA	NA	NA	rs112715448	NA
chr6	1.68E+08	1.68E+08	A	C	ncRNA_exonic	MLLT4-AS1	NA	NA	NA	NA	NA
chr6	1.68E+08	1.68E+08	A	C	ncRNA_exonic	MLLT4-AS1	NA	NA	NA	NA	NA
chr6	1.68E+08	1.68E+08	TG	-	UTR3	MLLT4	NA	NA	NA	NA	NA
chr6	1.68E+08	1.68E+08	C	T	exonic	HGC6.3	nonsynonymous SNV	HGC6.3:NM_001129895:exon1:c.G464A:p.G155E	NA	rs201374833	NA
chr6	1.68E+08	1.68E+08	A	G	exonic	HGC6.3	nonsynonymous SNV	HGC6.3:NM_001129895:exon1:c.T230C:p.F77S	NA	NA	NA
chr6	1.68E+08	1.68E+08	A	T	exonic	KIF25	nonsynonymous SNV	NM_005355:exon2:c.A83T:p.K28M,KIF25:NM_030615:exon2:c.A83T:p	NA	rs4708626	B
chr6	1.71E+08	1.71E+08	G	A	exonic	FAM120B	nonsynonymous SNV	FAM120B:NM_032448:exon2:c.G1088A:p.R363Q	NA	NA	B
chr6	1.71E+08	1.71E+08	G	A	exonic	TBP	synonymous SNV	_001172085:exon2:c.G168A:p.Q56Q,TBP:NM_003194:exon3:c.G228A)SM247746;OCCURENCE=1(prostate),3	rs112083427	NA	NA
chr7	537549	537549	G	A	UTR3	PDGFA	NA	NA	NA	NA	NA
chr7	537550	537550	G	A	UTR3	PDGFA	NA	NA	NA	NA	NA
chr7	537959	537959	T	C	UTR3	PDGFA	NA	NA	NA	rs77670994	NA
chr7	5516293	5516293	T	C	UTR3	FBXL18	NA	NA	NA	rs12535397	NA
chr7	5517337	5517337	A	-	UTR3	FBXL18	NA	NA	NA	NA	NA
chr7	5886611	5886611	C	G	ncRNA_exonic	ZNF815P	NA	NA	NA	rs308084	NA
chr7	6193464	6193464	T	G	exonic	USP42	nonsynonymous SNV	USP42:NM_032172:exon15:c.T2279G:p.L760R	NA	rs61732616	NA
chr7	6442143	6442143	C	-	UTR3	RAC1	NA	NA	NA	rs59685280	NA
chr7	6566322	6566322	T	G	exonic	GRID2IP	synonymous SNV	GRID2IP:NM_001145118:exon3:c.A663C:p.A221A	NA	rs2881723	NA
chr7	20180426	20180427	AC	-	UTR3	MACC1	NA	NA	NA	rs10555255	NA
chr7	20796144	20796144	G	T	UTR3	ABCB5	NA	NA	NA	rs12112555	NA
chr7	21941862	21941865	TCTT	-	UTR3	CDCA7L	NA	NA	NA	rs60370798	NA
chr7	22158512	22158512	C	A	UTR3	RAPGEF5	NA	NA	NA	NA	NA
chr7	23749892	23749892	C	G	UTR5	STK31	NA	NA	NA	NA	NA
chr7	26252966	26252966	C	T	UTR3	CBX3	NA	NA	NA	rs28407029	NA
chr7	27147452	27147453	AA	-	UTR3	HOXA3	NA	NA	NA	NA	NA
chr7	29687058	29687058	T	G	ncRNA_exonic	LOC646762	NA	NA	NA	rs28457783	NA
chr7	29687091	29687091	C	T	ncRNA_exonic	LOC646762	NA	NA	NA	rs28390296	NA
chr7	29687927	29687927	T	C	ncRNA_exonic	LOC646762	NA	NA	NA	rs1728641	NA
chr7	29923572	29923572	T	C	exonic	WIPF3	synonymous SNV	WIPF3:NM_001080529:exon5:c.T462C:p.N154N	NA	rs28439342	NA
chr7	30412409	30412409	A	-	ncRNA_exonic	DKFZP58611420	NA	NA	NA	NA	NA
chr7	30796018	30796018	-	TTTT	ncRNA_UTR3	INMT	NA	NA	NA	NA	NA
chr7	30796273	30796273	T	C	ncRNA_UTR3	INMT	NA	NA	NA	rs7787251	NA
chr7	32525555	32525556	AA	-	UTR3	LSM5	NA	NA	NA	rs10598963	NA
chr7	35734529	35734529	C	G	UTR5	HERPUD2	NA	NA	NA	rs78381277	NA
chr7	35734591	35734591	-	G	UTR5	HERPUD2	NA	NA	NA	rs11394396	NA
chr7	37960263	37960275	3CAGTGGC	-	UTR5	EPDR1	NA	NA	468;OCCURENCE=1(ovary),1(breast),1(t	rs201513905	NA
chr7	38725735	38725735	A	C	ncRNA_exonic	FAM183B	NA	NA	NA	NA	NA
chr7	41729121	41729121	-	T	UTR3	INHBA	NA	NA	NA	NA	NA
chr7	42001570	42001570	A	-	UTR3	GLI3	NA	NA	NA	rs144064690	NA
chr7	43590153	43590153	T	G	exonic	HECW1	nonsynonymous SNV	HECW1:NM_015052:exon27:c.T4358G:p.V1453G	NA	NA	P
chr7	44073817	44073817	A	G	ncRNA_exonic	RASA4CP	NA	NA	NA	NA	NA
chr7	44073823	44073823	T	C	ncRNA_exonic	RASA4CP	NA	NA	NA	NA	NA

chr7	44258882	44258882	G	T	UTR3	CAMK2B	NA	NA	NA	rs113136811	NA
chr7	44258923	44258923	G	T	UTR3	CAMK2B	NA	NA	NA	NA	NA
chr7	44873374	44873374	C	T	UTR3	H2AFV	NA	NA	NA	rs36047398	NA
chr7	44917408	44917408	A	-	UTR3	PURB	NA	NA	NA	NA	NA
chr7	45123081	45123081	C	G	exonic	NACAD	nonsynonymous SNV	NACAD:NM_001146334:exon2:c.G2698C:p.V900L	NA	NA	NA
chr7	45123337	45123337	C	T	exonic	NACAD	synonymous SNV	NACAD:NM_001146334:exon2:c.G2442A:p.S814S	NA	rs61740885	NA
chr7	45123379	45123379	G	A	exonic	NACAD	synonymous SNV	NACAD:NM_001146334:exon2:c.C2400T:p.S800S	NA	NA	NA
chr7	47568718	47568718	C	T	UTR5	TNS3	NA	NA	NA	rs10261525	NA
chr7	51261280	51261280	C	T	exonic	COBL	synonymous SNV	COBL:NM_015198:exon3:c.G252A:p.A84A	NA	rs1437488	NA
chr7	64436818	64436818	-	A	UTR3	ZNF117	NA	NA	NA	NA	NA
chr7	65171393	65171393	G	A	ncRNA_exonic	INTS4L2	NA	NA	NA	rs12532775	NA
chr7	66774667	66774667	G	T	ncRNA_exonic	STAG3L4	NA	NA	NA	NA	NA
chr7	72336469	72336469	T	-	ncRNA_exonic	SPDYE7P	NA	NA	NA	rs58909282	NA
chr7	72338105	72338105	A	-	ncRNA_exonic	SPDYE7P	NA	NA	NA	NA	NA
chr7	72413581	72413581	G	A	exonic	POM121	nonsynonymous SNV	.72020:exon11:c.G2254A:p.V752I,POM121:NM_001257190:exon14:c.C	NA	rs71554687	B
chr7	76131725	76131725	T	C	exonic	DTX2	synonymous SNV	001102595:exon7:c.T1341C:p.H447H,DTX2:NM_001102594:exon8:c.T:	NA	NA	NA
chr7	77558429	77558429	G	T	exonic	PHTF2	nonsynonymous SNV	.A337S,PHTF2:NM_001127357:exon10:c.G1021T:p.A341S,PHTF2:NM_	NA	NA	NA
chr7	92088538	92088538	-	A	UTR3	GATAD1	NA	NA	NA	NA	NA
chr7	92985252	92985252	T	C	exonic	CCDC132	synonymous SNV	017667:exon27:c.T2635C:p.L879L,CCDC132:NM_001257998:exon28:c:	NA	rs2374639	NA
chr7	94923585	94923585	C	T	UTR3	PPP1R9A	NA	NA	NA	NA	NA
chr7	95727014	95727014	T	C	UTR3	DYNC111	NA	NA	NA	rs7794344	NA
chr7	98444287	98444287	C	T	UTR3	TMEM130	NA	NA	NA	rs1047035	NA
chr7	99766216	99766216	C	A	UTR5	GAL3ST4	NA	NA	NA	NA	NA
chr7	1E+08	1E+08	A	C	exonic	NYAP1	nonsynonymous SNV	NYAP1:NM_173564:exon4:c.A797C:p.Y266S	NA	NA	D
chr7	1E+08	1E+08	C	G	exonic	NYAP1	nonsynonymous SNV	NYAP1:NM_173564:exon4:c.C815G:p.A272G	NA	NA	B
chr7	1E+08	1E+08	T	G	exonic	NYAP1	synonymous SNV	NYAP1:NM_173564:exon4:c.T816G:p.A272A	NA	NA	NA
chr7	1E+08	1E+08	G	C	exonic	NYAP1	nonsynonymous SNV	NYAP1:NM_173564:exon4:c.G836C:p.G279A	NA	NA	P
chr7	1E+08	1E+08	T	-	UTR3	AGFG2	NA	NA	NA	rs145117814	NA
chr7	1E+08	1E+08	C	A	exonic	ZAN	unknown	UNKNOWN	NA	NA	NA
chr7	1E+08	1E+08	T	C	exonic	ZAN	unknown	UNKNOWN	NA	NA	NA
chr7	1E+08	1E+08	T	C	exonic	ZAN	unknown	UNKNOWN	SM393154,COSM393155;OCCURENCE=:	NA	NA
chr7	1E+08	1E+08	T	C	exonic	ZAN	unknown	UNKNOWN	NA	NA	NA
chr7	1.01E+08	1.01E+08	T	C	exonic	MUC12	synonymous SNV	MUC12:NM_001164462:exon2:c.T2670C:p.D890D	NA	NA	NA
chr7	1.01E+08	1.01E+08	A	C	exonic	MUC12	nonsynonymous SNV	MUC12:NM_001164462:exon2:c.A2682C:p.L894F	NA	NA	NA
chr7	1.01E+08	1.01E+08	A	T	exonic	MUC12	synonymous SNV	MUC12:NM_001164462:exon2:c.A2721T:p.S907S	NA	NA	NA
chr7	1.01E+08	1.01E+08	T	C	exonic	MUC12	synonymous SNV	MUC12:NM_001164462:exon2:c.T2745C:p.G915G	NA	NA	NA
chr7	1.01E+08	1.01E+08	A	C	exonic	MUC12	synonymous SNV	MUC12:NM_001164462:exon2:c.A2748C:p.S916S	NA	NA	NA
chr7	1.01E+08	1.01E+08	T	A	exonic	MUC12	synonymous SNV	MUC12:NM_001164462:exon2:c.T2751A:p.T917T	NA	NA	NA
chr7	1.01E+08	1.01E+08	G	A	exonic	MUC12	nonsynonymous SNV	MUC12:NM_001164462:exon2:c.G2758A:p.A920T	NA	rs192144740	NA
chr7	1.01E+08	1.01E+08	C	A	exonic	MUC12	synonymous SNV	MUC12:NM_001164462:exon2:c.C2784A:p.A928A	NA	rs184584311	NA
chr7	1.01E+08	1.01E+08	A	C	exonic	MUC12	nonsynonymous SNV	MUC12:NM_001164462:exon2:c.A2798C:p.Q933P	NA	NA	NA
chr7	1.01E+08	1.01E+08	A	T	exonic	MUC12	synonymous SNV	MUC12:NM_001164462:exon2:c.A2808T:p.T936T	NA	NA	NA
chr7	1.01E+08	1.01E+08	G	A	exonic	MUC12	nonsynonymous SNV	MUC12:NM_001164462:exon2:c.G2858A:p.S953N	NA	NA	NA
chr7	1.01E+08	1.01E+08	C	A	exonic	MUC12	synonymous SNV	MUC12:NM_001164462:exon2:c.C2913A:p.G971G	NA	rs200215189	NA
chr7	1.01E+08	1.01E+08	A	G	exonic	MUC12	synonymous SNV	MUC12:NM_001164462:exon2:c.A2916G:p.S972S	NA	NA	NA
chr7	1.01E+08	1.01E+08	A	G	exonic	MUC12	nonsynonymous SNV	MUC12:NM_001164462:exon2:c.A2941G:p.S981G	NA	NA	NA
chr7	1.01E+08	1.01E+08	C	T	exonic	MUC12	synonymous SNV	MUC12:NM_001164462:exon2:c.C2946T:p.S982S	NA	NA	NA
chr7	1.01E+08	1.01E+08	G	-	exonic	MUC12	frameshift deletion	MUC12:NM_001164462:exon2:c.2951delG:p.S984fs	NA	NA	NA
chr7	1.01E+08	1.01E+08	T	-	exonic	MUC12	frameshift deletion	MUC12:NM_001164462:exon2:c.2955delT:p.P985fs	NA	NA	NA
chr7	1.01E+08	1.01E+08	GACT	-	exonic	MUC12	frameshift deletion	MUC12:NM_001164462:exon2:c.2957_2960del:p.986_987del	NA	NA	NA
chr7	1.01E+08	1.01E+08	A	G	exonic	MUC12	nonsynonymous SNV	MUC12:NM_001164462:exon2:c.A2990G:p.H997R	NA	NA	NA
chr7	1.01E+08	1.01E+08	C	G	exonic	MUC12	nonsynonymous SNV	MUC12:NM_001164462:exon2:c.C2991G:p.H997Q	NA	NA	NA
chr7	1.01E+08	1.01E+08	G	A	exonic	MUC12	nonsynonymous SNV	MUC12:NM_001164462:exon2:c.G2995A:p.A999T	NA	NA	NA
chr7	1.01E+08	1.01E+08	A	G	exonic	MUC12	synonymous SNV	MUC12:NM_001164462:exon2:c.A3000G:p.S1000S	NA	NA	NA
chr7	1.01E+08	1.01E+08	C	A	exonic	MUC12	nonsynonymous SNV	MUC12:NM_001164462:exon2:c.C3002A:p.T1001N	NA	NA	NA
chr7	1.01E+08	1.01E+08	C	G	exonic	MUC12	nonsynonymous SNV	MUC12:NM_001164462:exon2:c.C3004G:p.H1002D	NA	NA	NA
chr7	1.01E+08	1.01E+08	G	C	exonic	MUC12	synonymous SNV	MUC12:NM_001164462:exon2:c.G3012C:p.T1004T	NA	NA	NA
chr7	1.01E+08	1.01E+08	A	T	exonic	MUC12	nonsynonymous SNV	MUC12:NM_001164462:exon2:c.A3034T:p.T1012S	NA	NA	NA
chr7	1.01E+08	1.01E+08	C	T	exonic	MUC12	nonsynonymous SNV	MUC12:NM_001164462:exon2:c.C3041T:p.P1014L	NA	NA	NA
chr7	1.01E+08	1.01E+08	A	C	exonic	MUC12	nonsynonymous SNV	MUC12:NM_001164462:exon2:c.A3062C:p.Y1021S	NA	NA	NA
chr7	1.01E+08	1.01E+08	C	G	exonic	MUC12	nonsynonymous SNV	MUC12:NM_001164462:exon2:c.C3067G:p.R1023G	NA	NA	NA
chr7	1.01E+08	1.01E+08	A	G	exonic	MUC12	synonymous SNV	MUC12:NM_001164462:exon2:c.A3075G:p.P1025P	NA	NA	NA
chr7	1.01E+08	1.01E+08	G	A	exonic	MUC12	nonsynonymous SNV	MUC12:NM_001164462:exon2:c.G3076A:p.G1026S	NA	NA	NA
chr7	1.01E+08	1.01E+08	G	A	exonic	MUC12	synonymous SNV	MUC12:NM_001164462:exon2:c.G3081A:p.S1027S	NA	NA	NA
chr7	1.01E+08	1.01E+08	C	A	exonic	MUC12	nonsynonymous SNV	MUC12:NM_001164462:exon2:c.C3820A:p.L1274I	NA	NA	NA
chr7	1.01E+08	1.01E+08	T	G	exonic	MUC12	synonymous SNV	MUC12:NM_001164462:exon2:c.T3849G:p.T1283T	NA	NA	NA

chr7	1.01E+08	1.01E+08	A	G	exonic	MUC12	nonsynonymous SNV	MUC12:NM_001164462:exon2:c.A4043G:p.D1348G	NA	rs112404953	NA
chr7	1.01E+08	1.01E+08	G	C	exonic	MUC12	nonsynonymous SNV	MUC12:NM_001164462:exon2:c.G7226C:p.S2409T	NA	NA	NA
chr7	1.01E+08	1.01E+08	A	C	exonic	MUC12	synonymous SNV	MUC12:NM_001164462:exon2:c.A7230C:p.T2410T	NA	NA	NA
chr7	1.01E+08	1.01E+08	A	G	exonic	MUC12	nonsynonymous SNV	MUC12:NM_001164462:exon2:c.A7241G:p.Q2414R	NA	NA	NA
chr7	1.01E+08	1.01E+08	G	A	exonic	MUC12	nonsynonymous SNV	MUC12:NM_001164462:exon2:c.G8069A:p.R2690H	NA	NA	NA
chr7	1.01E+08	1.01E+08	G	C	exonic	MUC12	nonsynonymous SNV	MUC12:NM_001164462:exon2:c.G10142C:p.S3381T	NA	NA	NA
chr7	1.01E+08	1.01E+08	C	T	exonic	MUC12	nonsynonymous SNV	MUC12:NM_001164462:exon2:c.C11036T:p.T3679I	NA	rs201665808	NA
chr7	1.01E+08	1.01E+08	C	G	exonic	MUC12	nonsynonymous SNV	MUC12:NM_001164462:exon2:c.C11327G:p.P3776R	NA	rs201148522	NA
chr7	1.01E+08	1.01E+08	T	C	exonic	MUC12	nonsynonymous SNV	MUC12:NM_001164462:exon2:c.T12355C:p.F4119L	NA	rs181671450	NA
chr7	1.02E+08	1.02E+08	C	A	UTR3	RASA4	NA	NA	NA	NA	NA
chr7	1.03E+08	1.03E+08	A	-	UTR3	ARMC10	NA	NA	NA	NA	NA
chr7	1.03E+08	1.03E+08	A	T	ncRNA_exonic	RPL19P12	NA	NA	NA	NA	NA
chr7	1.05E+08	1.05E+08	C	A	ncRNA_exonic	LHFPL3-AS2	NA	NA	NA	NA	NA
chr7	1.07E+08	1.07E+08	A	C	UTR3	COG5	NA	NA	NA	NA	NA
chr7	1.14E+08	1.14E+08	A	T	UTR3	PPP1R3A	NA	NA	NA	NA	NA
chr7	1.16E+08	1.16E+08	-	A	UTR3	CAV2	NA	NA	NA	NA	NA
chr7	1.2E+08	1.2E+08	A	C	exonic	KCND2	synonymous SNV	KCND2:NM_012281:exon1:c.A873C:p.T291T	NA	NA	NA
chr7	1.2E+08	1.2E+08	A	T	exonic	KCND2	nonsynonymous SNV	KCND2:NM_012281:exon1:c.A898T:p.I300F	NA	NA	D
chr7	1.21E+08	1.21E+08	A	C	exonic	WNT16	nonsynonymous SNV	WNT16:NM_057168:exon2:c.A283	NA	NA	B
chr7	1.22E+08	1.22E+08	G	A	exonic	AASS	nonsynonymous SNV	AASS:NM_005763:exon14:c.C1456T:p.L486F	NA	NA	D
chr7	1.23E+08	1.23E+08	C	A	UTR3	SLC13A1	NA	NA	NA	NA	NA
chr7	1.23E+08	1.23E+08	AA	-	UTR3	SLC13A1	NA	NA	NA	NA	NA
chr7	1.27E+08	1.27E+08	-	ACAT	UTR3	PAX4	NA	NA	NA	rs200757052	NA
chr7	1.29E+08	1.29E+08	GCCCACTC	-	exonic	IRF5	nonframeshift deletion	IRF5:NM_001098630:exon6:c.50;OCCURENCE=1(haematopoietic_and_l	NA	NA	NA
chr7	1.3E+08	1.3E+08	TGTGTG	-	UTR3	CPA4	NA	NA	NA	rs146877444	NA
chr7	1.3E+08	1.3E+08	T	C	exonic	CPA5	synonymous SNV	CPA5:NM_080385:exon5:c.T261C:p.S87S,CPA5:NM_00	NA	rs7808823	NA
chr7	1.3E+08	1.3E+08	T	C	exonic	CPA5	nonsynonymous SNV	CPA5:NM_001127442:exon11:c.T1073C:p.M358T	NA	rs17164867	NA
chr7	1.3E+08	1.3E+08	C	T	exonic	CPA1	synonymous SNV	CPA1:NM_001868:exon4:c.C474T:p.Y158Y	NA	rs968404	NA
chr7	1.31E+08	1.31E+08	C	A	exonic	PODXL	nonsynonymous SNV	PODXL:NM_005397:exon2:c.G48	NA	NA	P
chr7	1.37E+08	1.37E+08	CA	-	UTR5	CHRM2	NA	NA	NA	rs35916399	NA
chr7	1.39E+08	1.39E+08	TT	-	UTR3	KIAA1549	NA	NA	NA	NA	NA
chr7	1.39E+08	1.39E+08	GT	-	UTR3	UBN2	NA	NA	NA	NA	NA
chr7	1.39E+08	1.39E+08	A	-	UTR3	UBN2	NA	NA	NA	rs3217265	NA
chr7	1.39E+08	1.39E+08	A	C	UTR3	HIPK2	NA	NA	NA	NA	NA
chr7	1.4E+08	1.4E+08	T	G	exonic	DENND2A	synonymous SNV	DENND2A:NM_015689:exon1:c.A906C:p.L302L	NA	NA	NA
chr7	1.4E+08	1.4E+08	AA	-	ncRNA_exonic	NDUFB2-AS1	NA	NA	NA	NA	NA
chr7	1.43E+08	1.43E+08	A	-	ncRNA_exonic	OR6W1P	NA	NA	NA	NA	NA
chr7	1.43E+08	1.43E+08	A	G	exonic	CTAGE15	synonymous SNV	CTAGE15:NM_001008747:exon1:c.A1839G:p.G613G	NA	NA	NA
chr7	1.43E+08	1.43E+08	T	A	exonic	CTAGE15	synonymous SNV	CTAGE15:NM_001008747:exon1:c.T1869A:p.P623P	NA	NA	NA
chr7	1.43E+08	1.43E+08	T	C	exonic	CTAGE15	nonsynonymous SNV	CTAGE15:NM_001008747:exon1:c.T1915C:p.S639P	NA	NA	NA
chr7	1.44E+08	1.44E+08	A	G	exonic	CTAGE4	synonymous SNV	CTAGE4:NM_198495:exon1:c.T2268C:p.Y756Y	NA	rs202035285	NA
chr7	1.49E+08	1.49E+08	-	C	exonic	KRBA1	unknown	UNKNOWN	NA	rs145097116	NA
chr7	1.51E+08	1.51E+08	C	A	exonic	ASB10	nonsynonymous SNV	ASB10:NM_001142460:exon3:c.G779T:p.C260F,ASB10:N	NA	NA	B
chr7	1.51E+08	1.51E+08	A	C	UTR3	PRKAG2	NA	NA	NA	rs199973452	NA
chr7	1.52E+08	1.52E+08	C	G	exonic	MLL3	nonsynonymous SNV	MLL3:NM_170606:exon16:c.G2755C:p.V919L	1131646,COSM1131647;OCCURENCE=1	rs111791757	B
chr7	1.52E+08	1.52E+08	G	A	exonic	MLL3	nonsynonymous SNV	MLL3:NM_170606:exon14:c.C2315T:p.S772L	NA	rs4024453	P
chr7	1.55E+08	1.55E+08	T	A	UTR3	DPP6	NA	NA	NA	rs78561625	NA
chr7	1.55E+08	1.55E+08	C	A	ncRNA_exonic	LOC202781	NA	NA	NA	NA	NA
chr7	1.59E+08	1.59E+08	G	A	exonic	ESYT2	synonymous SNV	ESYT2:NM_020728:exon17:c.C2091T:p.A697A	NA	rs57686648	NA
chr7	1.59E+08	1.59E+08	G	C	exonic	ESYT2	synonymous SNV	ESYT2:NM_020728:exon17:c.C2082G:p.P694P	NA	rs59980573	NA
chr8	161222	161222	G	C	ncRNA_exonic	RPL23AP53	NA	NA	NA	rs2906360	NA
chr8	1729586	1729586	T	G	UTR3	CLN8	NA	NA	NA	NA	NA
chr8	1733460	1733460	C	T	UTR3	CLN8	NA	NA	NA	NA	NA
chr8	1733665	1733665	T	G	UTR3	CLN8	NA	NA	NA	NA	NA
chr8	1733674	1733674	T	G	UTR3	CLN8	NA	NA	NA	NA	NA
chr8	6359075	6359075	T	-	UTR3	ANGPT2	NA	NA	NA	NA	NA
chr8	10464990	10464990	T	C	exonic	RP1L1	synonymous SNV	RP1L1:NM_178857:exon4:c.A6618G:p.Q2206Q	NA	NA	NA
chr8	10465086	10465086	T	C	exonic	RP1L1	synonymous SNV	RP1L1:NM_178857:exon4:c.A6522G:p.Q2174Q	NA	NA	NA
chr8	10465721	10465721	A	C	exonic	RP1L1	nonsynonymous SNV	RP1L1:NM_178857:exon4:c.T5887G:p.S1963A	NA	rs190549596	NA
chr8	10465919	10465919	A	C	exonic	RP1L1	nonsynonymous SNV	RP1L1:NM_178857:exon4:c.T5689G:p.W1897G	NA	NA	NA
chr8	10582231	10582231	T	-	UTR3	SOX7	NA	NA	NA	rs113669505	NA
chr8	11406593	11406593	T	C	exonic	BLK	synonymous SNV	BLK:NM_001715:exon5:c.T330C:p.S110S	NA	rs3816668	NA
chr8	11973535	11973535	A	G	ncRNA_exonic	FAM66D	NA	NA	NA	NA	NA
chr8	12039821	12039821	G	T	UTR3	FAM86B1	NA	NA	NA	rs143950143	NA
chr8	12040786	12040786	C	G	UTR3	FAM86B1	NA	NA	NA	rs201122164	NA
chr8	12040998	12040998	G	A	UTR3	FAM86B1	NA	NA	NA	rs141787656	NA

chr8	12283157	12283157	T	C	UTR3	FAM86B2	NA	NA	NA	rs2698896	NA
chr8	12283281	12283281	G	A	UTR3	FAM86B2	NA	NA	NA	rs2684074	NA
chr8	12286307	12286307	T	C	exonic	FAM86B2	nonsynonymous SNV	FAM86B2:NM_001137610:exon6:c.A577G:p.I193V	NA	rs148161726	NA
chr8	12286609	12286609	T	C	exonic	FAM86B2	synonymous SNV	FAM86B2:NM_001137610:exon5:c.A357G:p.S119S	NA	rs2684085	NA
chr8	17079490	17079491	TT	-	UTR3	ZDHC2	NA	NA	NA	NA	NA
chr8	17579505	17579505	A	-	UTR5	MTUS1	NA	NA	NA	rs34302917	NA
chr8	20106557	20106557	A	G	UTR3	LZTS1	NA	NA	NA	NA	NA
chr8	23536561	23536563	TTT	-	UTR3	NKX3-1	NA	NA	NA	rs140739091	NA
chr8	27143184	27143184	A	-	UTR3	TRIM35	NA	NA	NA	rs34388696	NA
chr8	27879723	27879732	GGAGTGCA	-	UTR3	NUGGC	NA	NA	NA	rs113806414	NA
chr8	28205758	28205758	A	C	UTR3	ZNF395	NA	NA	NA	NA	NA
chr8	28925544	28925544	T	G	UTR3	KIF13B	NA	NA	NA	NA	NA
chr8	38034284	38034284	T	C	UTR5	BAG4	NA	NA	NA	rs55962869	NA
chr8	41481358	41481358	T	-	UTR3	AGPAT6	NA	NA	NA	NA	NA
chr8	41583441	41583441	T	C	exonic	ANK1	synonymous SNV	.549G:p.V183V,ANK1:NM_020475:exon6:c.A450G:p.V150V,ANK1:NM_	NA	rs6982971	NA
chr8	41788246	41788246	A	T	UTR3	KAT6A	NA	NA	NA	NA	NA
chr8	41790779	41790779	T	G	exonic	KAT6A	synonymous SNV	.P1653P,KAT6A:NM_001099412:exon18:c.A4959C:p.P1653P,KAT6A:NM_	NA	NA	NA
chr8	42877229	42877229	A	-	UTR3	HOOK3	NA	NA	NA	NA	NA
chr8	52732614	52732614	T	C	UTR3	PCMTD1	NA	NA	NA	NA	NA
chr8	52732641	52732641	T	C	UTR3	PCMTD1	NA	NA	NA	rs73592209	NA
chr8	57075770	57075771	TT	-	UTR3	PLAG1	NA	NA	NA	NA	NA
chr8	57307835	57307835	C	A	intergenic	6C5(dist=74594),PENK(dist=4	NA	NA	NA	NA	NA
chr8	67405682	67405682	A	-	UTR5	C8orf46	NA	NA	NA	rs5892058	NA
chr8	72981327	72981327	A	G	exonic	TRPA1	synonymous SNV	TRPA1:NM_007332:exon3:c.T375C:p.N125N	NA	rs1811457	NA
chr8	81886342	81886342	C	A	UTR3	PAG1	NA	NA	NA	NA	NA
chr8	81886387	81886387	-	TT	UTR3	PAG1	NA	NA	NA	NA	NA
chr8	86572249	86572249	A	G	UTR3	REXO1L1	NA	NA	NA	rs28564465	NA
chr8	86572578	86572578	T	C	UTR3	REXO1L1	NA	NA	NA	rs28399792	NA
chr8	86572958	86572958	T	G	UTR3	REXO1L1	NA	NA	NA	rs145855931	NA
chr8	86786659	86786659	G	T	UTR3	REXO1L1	NA	NA	NA	NA	NA
chr8	90946056	90946056	A	G	UTR3	NBN	NA	NA	NA	rs9995	NA
chr8	92971169	92971170	AG	-	UTR3	RUNX1T1	NA	NA	NA	rs36062285	NA
chr8	92971184	92971184	T	-	UTR3	RUNX1T1	NA	NA	NA	NA	NA
chr8	1.02E+08	1.02E+08	G	A	exonic	PABPC1	nonsynonymous SNV	PABPC1:NM_002568:exon11:c.C1477T:p.R493C	NA	rs62513924	P
chr8	1.02E+08	1.02E+08	G	A	exonic	PABPC1	nonsynonymous SNV	PABPC1:NM_002568:exon8:c.C1205T:p.P402L	NA	rs139094790	B
chr8	1.02E+08	1.02E+08	C	A	exonic	PABPC1	stopgain SNV	PABPC1:NM_002568:exon8:c.G1033T:p.E345X	NA	rs142985461	NA
chr8	1.16E+08	1.16E+08	C	A	UTR3	TRPS1	NA	NA	NA	NA	NA
chr8	1.23E+08	1.23E+08	C	T	ncRNA_UTR5	HAS2	NA	NA	NA	NA	NA
chr8	1.23E+08	1.23E+08	C	T	ncRNA_UTR5	HAS2	NA	NA	NA	NA	NA
chr8	1.34E+08	1.34E+08	TT	-	UTR3	SLA	NA	NA	NA	NA	NA
chr8	1.42E+08	1.42E+08	T	C	exonic	MROH5	unknown	UNKNOWN	NA	rs73713680	NA
chr8	1.42E+08	1.42E+08	C	T	exonic	MROH5	unknown	UNKNOWN	NA	rs73713681	NA
chr8	1.45E+08	1.45E+08	G	C	exonic	MROH6	synonymous SNV	MROH6:NM_001100878:exon1:c.C192G:p.P64P	NA	rs4873804	NA
chr8	1.45E+08	1.45E+08	T	C	exonic	SCRIB	synonymous SNV	.15356:exon32:c.A4350G:p.P1450P,SCRIB:NM_182706:exon32:c.A4350	NA	rs6991873	NA
chr8	1.46E+08	1.46E+08	C	A	UTR3	ZNF250	NA	NA	NA	NA	NA
chr8	1.46E+08	1.46E+08	T	A	ncRNA_exonic	TMED10P1	NA	NA	NA	NA	NA
chr9	14665	14665	G	A	UTR3	WASH1	NA	NA	ID=COSN405103;OCCURENCE=1(lung)	rs149305563	NA
chr9	14764	14764	C	T	UTR3	WASH1	NA	NA	NA	rs199668463	NA
chr9	117998	117998	G	T	exonic	FOXD4	nonsynonymous SNV	FOXD4:NM_207305:exon1:c.C122A:p.A41E	ID=COSM226644;OCCURENCE=1(skin)	rs66612967	B
chr9	178937	178937	C	T	exonic	CBWD1	synonymous SNV	M_001145356:exon1:c.G33A:p.E11E,CBWD1:NM_018491:exon1:c.G3	NA	rs16925052	NA
chr9	178947	178947	G	A	exonic	CBWD1	nonsynonymous SNV	NM_001145356:exon1:c.C23T:p.A8V,CBWD1:NM_018491:exon1:c.C2	NA	rs16925054	B
chr9	179063	179063	C	G	UTR5	CBWD1	NA	NA	NA	rs75051610	NA
chr9	3824936	3824937	TA	-	UTR3	GLIS3	NA	NA	NA	NA	NA
chr9	14083479	14083479	A	-	UTR3	NFIB	NA	NA	NA	NA	NA
chr9	14993511	14993511	T	G	ncRNA_exonic	LOC389705	NA	NA	NA	rs1880012	NA
chr9	15019719	15019719	T	C	ncRNA_exonic	LOC389705	NA	NA	NA	rs1916311	NA
chr9	16412719	16412730	GAGAGAGA	-	UTR3	BNC2	NA	NA	NA	NA	NA
chr9	16413355	16413355	T	-	UTR3	BNC2	NA	NA	NA	rs5896689	NA
chr9	27274108	27274108	G	T	ncRNA_exonic	LINC00032	NA	NA	NA	rs2057363	NA
chr9	33043991	33043992	AA	-	UTR3	SMU1	NA	NA	NA	rs141620295	NA
chr9	33111314	33111314	T	A	UTR3	B4GALT1	NA	NA	NA	NA	NA
chr9	33253761	33253761	A	-	UTR3	BAG1	NA	NA	NA	NA	NA
chr9	33385733	33385733	C	T	exonic	AQP7	nonsynonymous SNV	AQP7:NM_001170:exon7:c.G657A:p.M219I	180629;OCCURENCE=1(upper_aerodige	rs201117022	B
chr9	33385771	33385771	C	T	exonic	AQP7	nonsynonymous SNV	AQP7:NM_001170:exon7:c.G619A:p.G207S	NA	rs117663392	B
chr9	33386144	33386144	G	A	exonic	AQP7	synonymous SNV	AQP7:NM_001170:exon6:c.C456T:p.V152V	NA	rs76209395	NA
chr9	33386146	33386146	C	A	exonic	AQP7	nonsynonymous SNV	AQP7:NM_001170:exon6:c.G454T:p.V152F	NA	rs76608797	B

chr9	33387047	33387047	T	G	exonic	AQP7	nonsynonymous SNV	AQP7:NM_001170:exon4:c.A188C:p.K63T	NA	rs4008658	B
chr9	33387073	33387073	G	A	exonic	AQP7	synonymous SNV	AQP7:NM_001170:exon4:c.C162T:p.S54S	NA	rs73645276	NA
chr9	33447424	33447424	C	G	exonic	AQP3	synonymous SNV	AQP3:NM_004925:exon1:c.G105C:p.L35L	NA	rs591810	NA
chr9	34833858	34833858	T	A	ncRNA_exonic	FAM205B	NA	NA	NA	rs3739879	NA
chr9	37864593	37864593	-	T	UTR3	DCAF10	NA	NA	NA	NA	NA
chr9	38398304	38398304	T	C	UTR3	ALDH1B1	NA	NA	NA	rs10973781	NA
chr9	41953380	41953380	C	T	ncRNA_exonic	MGC21881	NA	NA	NA	rs78604336	NA
chr9	41954166	41954166	C	T	ncRNA_exonic	MGC21881	NA	NA	NA	rs11262437	NA
chr9	41960604	41960604	C	T	ncRNA_exonic	KGFLP2	NA	NA	NA	rs200748812	NA
chr9	43032807	43032807	A	G	ncRNA_exonic	FAM95B1	NA	NA	NA	rs1965864	NA
chr9	43624925	43624925	A	G	exonic	SPATA31A6	synonymous SNV	SPATA31A6:NM_001145196:exon4:c.T3762C:p.H1254H	NA	rs2762364	NA
chr9	45727897	45727897	C	G	ncRNA_exonic	FAM27A	NA	NA	NA	NA	NA
chr9	45727901	45727901	A	G	ncRNA_exonic	FAM27A	NA	NA	NA	NA	NA
chr9	66500435	66500435	C	A	ncRNA_exonic	PTGER4P2-CDK2AP2P2	NA	NA	NA	rs200229634	NA
chr9	66501021	66501021	C	T	ncRNA_exonic	PTGER4P2-CDK2AP2P2	NA	NA	NA	rs4913214	NA
chr9	66501045	66501045	T	C	ncRNA_exonic	PTGER4P2-CDK2AP2P2	NA	NA	NA	rs62549190	NA
chr9	66501106	66501106	G	A	ncRNA_exonic	PTGER4P2-CDK2AP2P2	NA	NA	NA	rs78246050	NA
chr9	66502730	66502730	T	G	ncRNA_exonic	PTGER4P2-CDK2AP2P2	NA	NA	NA	rs78123270	NA
chr9	66502733	66502733	G	T	ncRNA_exonic	PTGER4P2-CDK2AP2P2	NA	NA	NA	rs75664577	NA
chr9	69202059	69202059	T	C	UTR5	FOXD4L6	NA	NA	NA	NA	NA
chr9	69424288	69424288	T	C	UTR3	ANKRD20A4	NA	NA	NA	rs78290728	NA
chr9	69424311	69424311	C	A	UTR3	ANKRD20A4	NA	NA	NA	rs3866289	NA
chr9	69663680	69663680	A	C	ncRNA_exonic	LOC100133920	NA	NA	NA	rs201199565	NA
chr9	69664901	69664901	T	C	ncRNA_exonic	LOC100133920	NA	NA	NA	NA	NA
chr9	70177312	70177312	C	T	exonic	FOXD4L5	synonymous SNV	FOXD4L5:NM_001126334:exon1:c.G672A:p.A224A	NA	rs2921292	NA
chr9	70177559	70177559	A	G	exonic	FOXD4L5	nonsynonymous SNV	FOXD4L5:NM_001126334:exon1:c.T425C:p.F142S	NA	NA	NA
chr9	70919869	70919869	C	A	UTR3	FOXD4L3	NA	NA	NA	rs200191707	NA
chr9	94495608	94495608	T	C	exonic	ROR2	nonsynonymous SNV	ROR2:NM_004560:exon6:c.A733G:p.T245A	NA	rs10820900	B
chr9	96439004	96439004	-	CCCTCCACC	exonic	PHF2	nonframeshift insertion	NM_005392:exon21:c.2961_2962insCCCTCCACCACA:p.T987delins1	NA	rs149736720	NA
chr9	99264877	99264877	T	-	UTR3	CDC14B	NA	NA	NA	rs34988377	NA
chr9	99538299	99538299	C	A	exonic	ZNF510	nonsynonymous SNV	ZNF510:NM_014930:exon2:c.G53T:p.G18V	NA	NA	D
chr9	1.01E+08	1.01E+08	T	A	UTR5	CORO2A	NA	NA	NA	rs2275709	NA
chr9	1.01E+08	1.01E+08	G	T	UTR3	GABBR2	NA	NA	NA	rs73657131	NA
chr9	1.02E+08	1.02E+08	G	T	UTR3	TGFBR1	NA	NA	NA	rs199545273	NA
chr9	1.03E+08	1.03E+08	A	C	exonic	NR4A3	nonsynonymous SNV	24C:p.T142P,NR4A3:NM_173199:exon3:c.A424C:p.T142P,NR4A3:NM_	NA	NA	D
chr9	1.1E+08	1.1E+08	A	C	exonic	ZNF462	nonsynonymous SNV	ZNF462:NM_021224:exon3:c.A4303C:p.T1435P	NA	NA	B
chr9	1.12E+08	1.12E+08	G	C	UTR5	IKBKAP	NA	NA	NA	rs2275641	NA
chr9	1.12E+08	1.12E+08	T	-	UTR3	TMEM245	NA	NA	NA	NA	NA
chr9	1.12E+08	1.12E+08	G	A	UTR3	TMEM245	NA	NA	NA	rs1044905	NA
chr9	1.16E+08	1.16E+08	G	T	UTR3	SNX30	NA	NA	NA	rs113416907	NA
chr9	1.16E+08	1.16E+08	T	-	UTR3	SNX30	NA	NA	NA	NA	NA
chr9	1.17E+08	1.17E+08	AA	-	UTR3	AKNA	NA	NA	NA	rs10610956	NA
chr9	1.17E+08	1.17E+08	G	A	UTR5	DFNB31	NA	NA	NA	rs2297814	NA
chr9	1.17E+08	1.17E+08	G	T	UTR5	DFNB31	NA	NA	NA	rs4527950	NA
chr9	1.17E+08	1.17E+08	C	T	UTR5	DFNB31	NA	NA	NA	rs10759714	NA
chr9	1.19E+08	1.19E+08	-	A	UTR3	PAPPA	NA	NA	NA	NA	NA
chr9	1.19E+08	1.19E+08	G	C	UTR5	TRIM32	NA	NA	NA	rs12342207	NA
chr9	1.26E+08	1.26E+08	G	A	UTR3	RABGAP1	NA	NA	NA	rs803718	NA
chr9	1.28E+08	1.28E+08	A	G	exonic	OLFML2A	nonsynonymous SNV	OLFML2A:NM_182487:exon6:c.A925G:p.T309A	NA	rs7874348	B
chr9	1.31E+08	1.31E+08	T	C	exonic	CERCAM	nonsynonymous SNV	CERCAM:NM_016174:exon5:c.T590C:p.F197S	NA	NA	P
chr9	1.31E+08	1.31E+08	A	G	exonic	CERCAM	synonymous SNV	CERCAM:NM_016174:exon5:c.A672G:p.E224E	NA	NA	NA
chr9	1.32E+08	1.32E+08	C	G	UTR3	PPP2R4	NA	NA	NA	NA	NA
chr9	1.32E+08	1.32E+08	C	G	UTR3	PPP2R4	NA	NA	NA	NA	NA
chr9	1.32E+08	1.32E+08	T	A	UTR3	PPP2R4	NA	NA	NA	NA	NA
chr9	1.33E+08	1.33E+08	A	-	UTR3	FNBP1	NA	NA	NA	rs5900873	NA
chr9	1.34E+08	1.34E+08	G	A	exonic	PRRC2B	synonymous SNV	PRRC2B:NM_013318:exon15:c.G4254A:p.K1418K	NA	rs78591540	NA
chr9	1.35E+08	1.35E+08	C	T	UTR3	NTNG2	NA	NA	NA	NA	NA
chr9	1.36E+08	1.36E+08	C	T	UTR3	ABO	NA	NA	NA	rs62641782	NA
chr9	1.36E+08	1.36E+08	T	G	UTR3	ABO	NA	NA	NA	rs199555421	NA
chr9	1.36E+08	1.36E+08	T	G	UTR3	ABO	NA	NA	NA	NA	NA
chr9	1.36E+08	1.36E+08	A	C	exonic	ABO	unknown	UNKNOWN	NA	rs688976	NA
chr9	1.36E+08	1.36E+08	TGTTG	-	UTR3	CACFD1	NA	NA	NA	NA	NA
chr9	1.36E+08	1.36E+08	G	T	UTR5	ADAMTSL2	NA	NA	NA	NA	NA
chr9	1.38E+08	1.38E+08	T	C	exonic	OLFM1	synonymous SNV	NM_006334:exon2:c.T183C:p.A61A,OLFM1:NM_014279:exon2:c.T183C	NA	rs500461	NA
chr9	1.38E+08	1.38E+08	T	C	exonic	OBP2A	nonsynonymous SNV	OBP2A:NM_014582:exon6:c.T503C:p.L168P	NA	rs117518871	B
chr9	1.38E+08	1.38E+08	C	T	UTR5	PAEP	NA	NA	NA	rs3748205	NA

chr9	1.39E+08	1.39E+08	ACAC	-	UTR3	QSOX2	NA	NA	NA	rs146198713	NA
chr9	1.39E+08	1.39E+08	G	A	exonic	NOTCH1	synonymous SNV	NOTCH1:NM_017617:exon34:c.C6555T:p.D2185D	NA	rs2229974	NA
chr9	1.39E+08	1.39E+08	A	G	exonic	NOTCH1	synonymous SNV	NOTCH1:NM_017617:exon3:c.T312C:p.N104N	NA	rs4489420	NA
chr9	1.4E+08	1.4E+08	A	G	exonic	KIAA1984	nonsynonymous SNV	KIAA1984:NM_001039374:exon10:c.A1070G:p.E357G	NA	NA	P
chr9	1.41E+08	1.41E+08	A	T	exonic	CACNA1B	synonymous SNV	00718:exon11:c.A1488T:p.T496T,CACNA1B:NM_001243812:exon11:c.	NA	rs2229951	NA
chr9	1.41E+08	1.41E+08	TG	-	UTR3	CACNA1B	NA	NA	NA	rs5901129	NA
chr9	1.41E+08	1.41E+08	T	C	ncRNA_exonic	TUBBP5	NA	NA	OSM1107244;OCCURENCE=1(endometri	rs62581042	NA
chr9	1.41E+08	1.41E+08	G	C	ncRNA_exonic	TUBBP5	NA	NA	D=COSM487278;OCCURENCE=1(kidney	NA	NA
chr10	1209495	1209495	G	C	ncRNA_exonic	LINC00200	NA	NA	NA	rs11250303	NA
chr10	5136651	5136651	C	G	exonic	AKR1C3	nonsynonymous SNV	4M_001253909:exon1:c.C15G:p.H5Q,AKR1C3:NM_003739:exon1:c.C1	NA	rs12529	NA
chr10	6053568	6053568	C	T	UTR3	IL2RA	NA	NA	NA	rs1570538	NA
chr10	6131411	6131411	-	TCC	UTR5	RBM17	NA	NA	NA	rs151234895	NA
chr10	6157836	6157839	AAAA	-	UTR3	RBM17	NA	NA	NA	rs71390125	NA
chr10	6159016	6159016	-	ATGCTGAA1	UTR3	RBM17	NA	NA	NA	NA	NA
chr10	6159018	6159018	T	A	UTR3	RBM17	NA	NA	NA	rs41295371	NA
chr10	6159018	6159018	-	\CAAGGAC	UTR3	RBM17	NA	NA	NA	NA	NA
chr10	8094861	8094861	G	-	ncRNA_exonic	GATA3-AS1	NA	NA	NA	rs35877776	NA
chr10	11375079	11375090	CCCTCTCA	-	UTR3	CELF2	NA	NA	NA	rs3841462	NA
chr10	11997298	11997298	G	T	exonic	UPF2	nonsynonymous SNV	_015542:exon14:c.C2783A:p.T928K,UPF2:NM_080599:exon14:c.C2783	NA	NA	D
chr10	12875917	12875917	A	-	ncRNA_exonic	LOC283070	NA	NA	NA	NA	NA
chr10	13252313	13252313	-	A	UTR3	MCM10	NA	NA	NA	NA	NA
chr10	17216556	17216556	C	T	exonic	TRDMT1	synonymous SNV	TRDMT1:NM_004412:exon2:c.G168A:p.T56T	NA	rs2273734	NA
chr10	18088648	18088648	A	G	intronic	MRC1	NA	NA	NA	rs142746617	NA
chr10	18088986	18088986	C	A	intronic	MRC1	NA	NA	NA	NA	NA
chr10	18689587	18689587	C	-	UTR5	CACNB2	NA	NA	NA	NA	NA
chr10	18830669	18830669	T	C	UTR3	CACNB2	NA	NA	NA	rs7079776	NA
chr10	21803421	21803421	-	A	UTR3	SKIDA1	NA	NA	NA	NA	NA
chr10	21807470	21807470	A	-	UTR5	SKIDA1	NA	NA	NA	rs111265769	NA
chr10	21807780	21807781	TT	-	UTR5	SKIDA1	NA	NA	NA	NA	NA
chr10	22825596	22825596	C	T	UTR3	PIP4K2A	NA	NA	NA	rs1048244	NA
chr10	23983777	23983777	G	T	UTR5	KIAA1217	NA	NA	NA	rs12772432	NA
chr10	25271270	25271270	G	A	UTR3	ENKUR	NA	NA	NA	rs2307047	NA
chr10	28908890	28908890	A	-	UTR3	WAC	NA	NA	NA	NA	NA
chr10	29801764	29801764	T	C	exonic	SVIL	nonsynonymous SNV	03174:exon15:c.A2138G:p.E713G,SVIL:NM_021738:exon17:c.A3416G	NA	NA	D
chr10	31816340	31816340	-	AC	UTR3	ZEB1	NA	NA	NA	rs143911186	NA
chr10	38739199	38739199	A	G	ncRNA_exonic	LOC399744	NA	NA	NA	rs17611580	NA
chr10	45496046	45496046	C	A	exonic	C10orf25	stopgain SNV	C10orf25:NM_001039380:exon1:c.G262T:p.E88X	NA	NA	NA
chr10	45649377	45649377	A	C	ncRNA_exonic	RSU1P2	NA	NA	NA	rs11239368	NA
chr10	46248649	46248649	T	C	exonic	FAM21C	nonsynonymous SNV	!c:p.S358P,FAM21C:NM_001169106:exon13:c.T1144C:p.S382P,FAM21	NA	rs184073575	NA
chr10	46961964	46961964	G	A	UTR3	SYT15	NA	NA	NA	rs138447966	NA
chr10	46963951	46963951	G	A	exonic	SYT15	synonymous SNV	4_031912:exon7:c.C1012T:p.L338L,SYT15:NM_181519:exon7:c.C1012	NA	rs55945664	NA
chr10	47000508	47000508	G	A	UTR3	GPRIN2	NA	NA	NA	rs61840973	NA
chr10	47420856	47420856	G	A	ncRNA_exonic	FAM35DP	NA	NA	NA	rs1832163	NA
chr10	50310251	50310251	T	C	UTR3	VSTM4	NA	NA	NA	rs4240499	NA
chr10	50966445	50966445	C	A	exonic	OGDHL	nonsynonymous SNV	M_001143996:exon2:c.G194T:p.S65I,OGDHL:NM_018245:exon2:c.G19	NA	NA	D
chr10	51226439	51226439	T	G	exonic	AGAP8	nonsynonymous SNV	C:p.K181N,AGAP8:NM_001276344:exon7:c.A543C:p.K181N,AGAP8:NM	NA	rs201124655	B
chr10	51748584	51748584	A	G	exonic	AGAP6	nonsynonymous SNV	AGAP6:NM_001077665:exon1:c.A109G:p.R37G	NA	rs200504295	NA
chr10	60474828	60474828	A	-	ncRNA_exonic	FAM133CP	NA	NA	NA	NA	NA
chr10	62544601	62544601	G	T	exonic	CDK1	nonsynonymous SNV	VM_001170407:exon3:c.G176T:p.R59L,CDK1:NM_001786:exon3:c.G17	NA	NA	B
chr10	63955366	63955381	GAAGGAAC	-	UTR3	RTKN2	NA	NA	NA	NA	NA
chr10	70451264	70451264	A	C	exonic	TET1	nonsynonymous SNV	TET1:NM_030625:exon12:c.A6104C:p.H2035P	NA	NA	D
chr10	71267385	71267385	G	T	UTR3	TSPAN15	NA	NA	NA	NA	NA
chr10	72187716	72187716	T	-	UTR3	EIF4EBP2	NA	NA	NA	NA	NA
chr10	73059787	73059788	TG	-	UTR3	UNC5B	NA	NA	NA	NA	NA
chr10	73994765	73994765	T	C	UTR3	ANAPC16	NA	NA	NA	rs6480601	NA
chr10	79741920	79741920	T	G	exonic	POLR3A	nonsynonymous SNV	POLR3A:NM_007055:exon28:c.A3751C:p.T1251P	NA	NA	P
chr10	81114959	81114959	C	T	UTR3	PPIF	NA	NA	NA	rs7898	NA
chr10	81374986	81374986	T	C	UTR3	SFTPA1	NA	NA	NA	rs1059225	NA
chr10	88494752	88494752	A	-	UTR3	LDB3	NA	NA	NA	rs11314847	NA
chr10	88677045	88677045	T	A	exonic	BMPR1A	nonsynonymous SNV	BMPR1A:NM_004329:exon9:c.T830A:p.I277N	NA	NA	D
chr10	88810338	88810338	A	-	UTR3	GLUD1	NA	NA	NA	NA	NA
chr10	89125529	89125529	G	C	ncRNA_exonic	NUTM2D	NA	NA	NA	rs2767120	D
chr10	89127702	89127702	G	T	ncRNA_exonic	NUTM2D	NA	NA	NA	rs3128215	NA
chr10	89128214	89128214	G	A	ncRNA_exonic	NUTM2D	NA	NA	NA	rs77989216	NA
chr10	89129516	89129516	G	A	ncRNA_exonic	NUTM2D	NA	NA	NA	rs143548709	NA
chr10	89264593	89264593	C	G	UTR5	MINPP1	NA	NA	NA	rs2233166	NA

chr10	89619806	89619806	G	A	UTR3	KLLN	NA	NA	NA	NA	NA
chr10	89726612	89726612	G	A	UTR3	PTEN	NA	NA	NA	NA	NA
chr10	89726652	89726652	G	A	UTR3	PTEN	NA	NA	NA	NA	NA
chr10	99192863	99192863	-	ATAA	UTR3	PGAM1	NA	NA	NA	NA	NA
chr10	99192913	99192913	G	A	UTR3	PGAM1	NA	NA	NA	NA	NA
chr10	99435869	99435869	G	A	UTR3	PI4K2A	NA	NA	NA	rs7084287	NA
chr10	1.01E+08	1.01E+08	T	G	UTR5	COX15	NA	NA	NA	rs2281636	NA
chr10	1.02E+08	1.02E+08	GTGTGTGT	-	UTR3	HIF1AN	NA	NA	NA	NA	NA
chr10	1.02E+08	1.02E+08	G	T	UTR3	HIF1AN	NA	NA	NA	NA	NA
chr10	1.03E+08	1.03E+08	G	A	UTR3	SFXN3	NA	NA	NA	rs184783122	NA
chr10	1.04E+08	1.04E+08	C	T	exonic	MGEA5	nonsynonymous SNV	4_001142434:exon1:c.G151A:p.A51T,MGEA5:NM_012215:exon1:c.G1!	NA	rs35402016	B
chr10	1.04E+08	1.04E+08	G	T	exonic	FBXL15	nonsynonymous SNV	FBXL15:NM_024326:exon4:c.G886T:p.V296F	NA	NA	P
chr10	1.05E+08	1.05E+08	T	G	UTR3	WBP1L	NA	NA	NA	rs284854	NA
chr10	1.05E+08	1.05E+08	C	T	exonic	CNNM2	synonymous SNV	l_199076:exon6:c.C2244T:p.A748A,CNNM2:NM_017649:exon7:c.C231	NA	rs943037	NA
chr10	1.05E+08	1.05E+08	A	T	UTR3	SH3PXD2A	NA	NA	NA	rs28516372	NA
chr10	1.12E+08	1.12E+08	A	-	UTR3	ADD3	NA	NA	NA	NA	NA
chr10	1.15E+08	1.15E+08	T	C	UTR5	HABP2	NA	NA	NA	rs2240879	NA
chr10	1.16E+08	1.16E+08	C	T	exonic	PLEKHS1	nonsynonymous SNV	.82601:exon10:c.C1024T:p.R342W,PLEKHS1:NM_001193434:exon11:c	NA	rs118170787	D
chr10	1.16E+08	1.16E+08	CCTTCCC	-	UTR3	PLEKHS1	NA	NA	NA	NA	NA
chr10	1.16E+08	1.16E+08	C	A	UTR3	PLEKHS1	NA	NA	NA	NA	NA
chr10	1.16E+08	1.16E+08	T	C	UTR3	PLEKHS1	NA	NA	NA	NA	NA
chr10	1.16E+08	1.16E+08	C	T	UTR3	ADRB1	NA	NA	NA	NA	NA
chr10	1.17E+08	1.17E+08	G	T	exonic	ATRNL1	nonsynonymous SNV	ATRNL1:NM_207303:exon19:c.G3175T:p.A1059S	NA	NA	B
chr10	1.18E+08	1.18E+08	-	TG	UTR3	GFRA1	NA	NA	NA	NA	NA
chr10	1.18E+08	1.18E+08	T	A	UTR3	GFRA1	NA	NA	NA	rs142941024	NA
chr10	1.18E+08	1.18E+08	T	A	UTR3	GFRA1	NA	NA	NA	rs145714787	NA
chr10	1.18E+08	1.18E+08	C	G	UTR3	GFRA1	NA	NA	NA	rs117805221	NA
chr10	1.2E+08	1.2E+08	-	A	UTR3	CACUL1	NA	NA	NA	NA	NA
chr10	1.21E+08	1.21E+08	C	A	UTR3	TIAL1	NA	NA	NA	rs111740135	NA
chr10	1.23E+08	1.23E+08	C	G	UTR5	FGFR2	NA	NA	NA	rs1047111	NA
chr10	1.27E+08	1.27E+08	T	A	UTR3	CTBP2	NA	NA	NA	NA	NA
chr10	1.27E+08	1.27E+08	T	A	UTR3	CTBP2	NA	NA	NA	NA	NA
chr10	1.27E+08	1.27E+08	A	G	UTR3	CTBP2	NA	NA	NA	rs76017768	NA
chr10	1.27E+08	1.27E+08	A	G	UTR3	CTBP2	NA	NA	NA	rs78209416	NA
chr10	1.27E+08	1.27E+08	T	C	UTR3	CTBP2	NA	NA	NA	rs75330281	NA
chr10	1.27E+08	1.27E+08	T	G	UTR3	CTBP2	NA	NA	NA	rs78608514	NA
chr10	1.27E+08	1.27E+08	A	C	UTR3	CTBP2	NA	NA	NA	NA	NA
chr10	1.27E+08	1.27E+08	G	C	UTR3	CTBP2	NA	NA	NA	rs3208596	NA
chr10	1.27E+08	1.27E+08	T	-	exonic	CTBP2	frameshift deletion	_001083914:exon3:c.57delA:p.E19fs,CTBP2:NM_001329:exon3:c.57delA	NA	NA	NA
chr10	1.28E+08	1.28E+08	G	C	UTR5	FANK1	NA	NA	NA	rs80288044	NA
chr10	1.28E+08	1.28E+08	C	A	UTR5	FANK1	NA	NA	NA	rs74162870	NA
chr10	1.3E+08	1.3E+08	T	C	UTR3	FOXI2	NA	NA	NA	NA	NA
chr10	1.3E+08	1.3E+08	T	C	UTR3	FOXI2	NA	NA	NA	NA	NA
chr10	1.31E+08	1.31E+08	C	T	exonic	MGMT	synonymous SNV	MGMT:NM_002412:exon1:c.C66T:p.R22R	NA	rs16906252	NA
chr10	1.34E+08	1.34E+08	G	A	exonic	JAKMIP3	synonymous SNV	JAKMIP3:NM_001105521:exon1:c.G108A:p.Q36Q	NA	rs11146177	NA
chr10	1.34E+08	1.34E+08	A	G	exonic	DPYSL4	nonsynonymous SNV	DPYSL4:NM_006426:exon8:c.A773G:p.K258R	NA	NA	B
chr10	1.34E+08	1.34E+08	G	T	UTR3	LRRC27	NA	NA	NA	rs10870302	NA
chr10	1.34E+08	1.34E+08	A	T	UTR3	LRRC27	NA	NA	NA	NA	NA
chr10	1.34E+08	1.34E+08	C	T	UTR3	LRRC27	NA	NA	NA	NA	NA
chr10	1.35E+08	1.35E+08	A	G	exonic	GPR123	synonymous SNV	GPR123:NM_001083909:exon7:c.A834G:p.S278S	NA	rs2806452	NA
chr10	1.35E+08	1.35E+08	A	C	exonic	SYCE1	nonsynonymous SNV	M_001143763:exon1:c.T13G:p.S5A,SYCE1:NM_001143764:exon1:c.T13G	NA	NA	NA
chr10	1.35E+08	1.35E+08	G	A	UTR5	FRG2B	NA	NA	NA	rs199872228	NA
chr11	203335	203335	A	G	UTR3	BET1L	NA	NA	NA	NA	NA
chr11	610277	610277	T	C	exonic	PHRF1	nonsynonymous SNV	PHRF1:NM_020901:exon15:c.T4343C:p.V1448A	NA	rs11246212	NA
chr11	621242	621242	C	T	exonic	CDHR5	synonymous SNV	627A:p.P209P,CDHR5:NM_021924:exon7:c.G627A:p.P209P,CDHR5:NM_021924:exon7:c.G627A:p.P209P	NA	rs112269777	NA
chr11	1016559	1016559	G	C	exonic	MUC6	nonsynonymous SNV	MUC6:NM_005961:exon31:c.C6242G:p.A2081G	NA	NA	NA
chr11	1016756	1016756	G	A	exonic	MUC6	synonymous SNV	MUC6:NM_005961:exon31:c.C6045T:p.S2015S	NA	NA	NA
chr11	1016919	1016919	C	T	exonic	MUC6	nonsynonymous SNV	MUC6:NM_005961:exon31:c.G5882A:p.R1961K	NA	NA	NA
chr11	1016960	1016960	G	T	exonic	MUC6	synonymous SNV	MUC6:NM_005961:exon31:c.C5841A:p.T1947T	NA	rs113980831	NA
chr11	1017041	1017041	G	T	exonic	MUC6	stopgain SNV	MUC6:NM_005961:exon31:c.C5760A:p.Y1920X	NA	rs75482640	NA
chr11	1017042	1017042	T	G	exonic	MUC6	nonsynonymous SNV	MUC6:NM_005961:exon31:c.A5759C:p.Y1920S	NA	rs80049949	NA
chr11	1017068	1017068	C	T	exonic	MUC6	synonymous SNV	MUC6:NM_005961:exon31:c.G5733A:p.T1911T	NA	rs78992004	NA
chr11	1017277	1017277	A	G	exonic	MUC6	nonsynonymous SNV	MUC6:NM_005961:exon31:c.T5524C:p.S1842P	NA	rs111373859	NA
chr11	1017381	1017381	G	C	exonic	MUC6	nonsynonymous SNV	MUC6:NM_005961:exon31:c.C5420G:p.T1807S	COSM1180594;OCCURENCE=1(upper_a	rs34912894	NA
chr11	1017440	1017440	C	T	exonic	MUC6	synonymous SNV	MUC6:NM_005961:exon31:c.G5361A:p.S1787S	NA	rs78729877	NA
chr11	1017483	1017483	T	G	exonic	MUC6	nonsynonymous SNV	MUC6:NM_005961:exon31:c.A5318C:p.H1773P	NA	rs79986665	NA

chr11	1018048	1018048	A	T	exonic	MUC6	nonsynonymous SNV	MUC6:NM_005961:exon31:c.T4753A:p.F1585I	NA	rs12787400	NA
chr11	1018090	1018090	G	T	exonic	MUC6	nonsynonymous SNV	MUC6:NM_005961:exon31:c.C4711A:p.P1571T	NA	rs201615772	NA
chr11	1018290	1018290	G	A	exonic	MUC6	nonsynonymous SNV	MUC6:NM_005961:exon31:c.C4511T:p.P1504L	NA	NA	NA
chr11	1018341	1018341	G	A	exonic	MUC6	nonsynonymous SNV	MUC6:NM_005961:exon31:c.C4460T:p.P1487L	NA	rs79748612	NA
chr11	1088835	1088835	C	T	exonic	MUC2	nonsynonymous SNV	MUC2:NM_002457:exon26:c.C3620T:p.T1207I	NA	rs41389046	NA
chr11	1090928	1090928	A	C	exonic	MUC2	nonsynonymous SNV	MUC2:NM_002457:exon28:c.A3823C:p.T1275P	NA	NA	NA
chr11	1090937	1090937	A	C	exonic	MUC2	nonsynonymous SNV	MUC2:NM_002457:exon28:c.A3832C:p.T1278P	NA	NA	NA
chr11	1093452	1093452	G	A	exonic	MUC2	synonymous SNV	MUC2:NM_002457:exon30:c.G5271A:p.P1757P	1127915,COSM1127916;OCCURENCE=1	rs34136803	NA
chr11	1266630	1266630	G	A	exonic	MUC5B	synonymous SNV	MUC5B:NM_002458:exon31:c.G8520A:p.T2840T	NA	rs200570144	NA
chr11	1269500	1269500	T	C	exonic	MUC5B	nonsynonymous SNV	MUC5B:NM_002458:exon31:c.T11390C:p.I3797T	NA	NA	NA
chr11	1271763	1271763	A	C	exonic	MUC5B	synonymous SNV	MUC5B:NM_002458:exon31:c.A13653C:p.T4551T	52309,COSM924786;OCCURENCE=1(en	NA	NA
chr11	1575385	1575385	C	G	UTR3	DUSP8	NA	NA	NA	NA	NA
chr11	1605919	1605919	G	A	exonic	KRTAP5-1	synonymous SNV	KRTAP5-1:NM_001005922:exon1:c.C561T:p.C187C	NA	NA	NA
chr11	1606120	1606120	A	G	exonic	KRTAP5-1	synonymous SNV	KRTAP5-1:NM_001005922:exon1:c.T360C:p.G120G	NA	rs189753959	NA
chr11	1606166	1606166	G	C	exonic	KRTAP5-1	nonsynonymous SNV	KRTAP5-1:NM_001005922:exon1:c.C314G:p.S105C	NA	NA	NA
chr11	1643036	1643036	A	C	exonic	KRTAP5-4	synonymous SNV	KRTAP5-4:NM_001012709:exon1:c.T288G:p.G96G	NA	rs58877168	NA
chr11	1705485	1705485	T	C	ncRNA_exonic	FAM99B	NA	NA	NA	rs201023952	NA
chr11	2696063	2696063	A	-	ncRNA_exonic	KCNQ1OT1	NA	NA	NA	rs34219164	NA
chr11	2720927	2720927	C	T	ncRNA_exonic	KCNQ1OT1	NA	NA	NA	rs12360708	NA
chr11	3663224	3663224	G	A	UTR5	ART5	NA	NA	NA	rs115012337	NA
chr11	6550309	6550309	G	A	exonic	DNHD1	nonsynonymous SNV	DNHD1:NM_144666:exon12:c.G2305A:p.G769R	NA	rs2344829	NA
chr11	6566762	6566762	T	G	exonic	DNHD1	synonymous SNV	DNHD1:NM_144666:exon21:c.T4593G:p.G1531G	NA	NA	NA
chr11	6633033	6633033	A	C	exonic	TAF10	synonymous SNV	TAF10:NM_006284:exon2:c.T249G:p.G83G	NA	NA	NA
chr11	6634189	6634189	G	A	UTR3	TPP1	NA	NA	NA	rs7487	NA
chr11	7439264	7439264	C	T	exonic	SYT9	synonymous SNV	SYT9:NM_175733:exon5:c.C1242T:p.T414T	)-COSM147136;OCCURENCE=1(stomac	rs34058874	NA
chr11	8126477	8126477	G	T	UTR3	TUB	NA	NA	NA	rs55774312	NA
chr11	8159892	8159892	G	T	exonic	RIC3	synonymous SNV	354A:p.L118L,RIC3:NM_001206672:exon3:c.C354A:p.L118L,RIC3:NM_	NA	rs10839976	NA
chr11	9304488	9304488	A	-	UTR3	TMEM41B	NA	NA	NA	rs56313114	NA
chr11	11863526	11863526	G	T	UTR5	USP47	NA	NA	NA	rs28364721	NA
chr11	18287918	18287918	-	A	UTR5	SAA1	NA	NA	NA	rs200069063	NA
chr11	18477413	18477428	ACCTGCCA	-	UTR5	LDHAL6A	NA	NA	NA	rs140456495	NA
chr11	21555994	21555994	C	A	exonic	NELL1	nonsynonymous SNV	NELL1:NM_006157:exon16:c.C1720A:p.H574N	NA	NA	D
chr11	26581383	26581384	AC	-	UTR3	MUC15	NA	NA	NA	NA	NA
chr11	26690764	26690764	T	C	UTR3	SLC5A12	NA	NA	NA	NA	NA
chr11	32875438	32875440	AGG	-	UTR3	PRRG4	NA	NA	NA	rs144258001	NA
chr11	33061642	33061642	G	-	UTR5	TCP11L1	NA	NA	NA	rs201592406	NA
chr11	33061647	33061647	A	T	UTR5	TCP11L1	NA	NA	NA	rs74889474	NA
chr11	33094974	33094974	T	G	UTR3	TCP11L1	NA	NA	NA	NA	NA
chr11	33097887	33097887	G	T	ncRNA_exonic	LINC00294	NA	NA	NA	NA	NA
chr11	33757941	33757941	A	G	UTR5	CD59	NA	NA	NA	rs13614	NA
chr11	35829803	35829803	G	A	UTR3	TRIM44	NA	NA	NA	NA	NA
chr11	45263072	45263072	A	C	UTR3	SYT13	NA	NA	NA	rs12283527	NA
chr11	46383244	46383244	C	A	UTR5	DGKZ	NA	NA	NA	NA	NA
chr11	56959046	56959046	T	G	UTR3	LRRC55	NA	NA	NA	NA	NA
chr11	56959052	56959052	T	G	UTR3	LRRC55	NA	NA	NA	NA	NA
chr11	59811098	59811098	G	T	exonic	PLAC1L	nonsynonymous SNV	PLAC1L:NM_173801:exon2:c.G221T:p.R74L	NA	NA	B
chr11	61560372	61560372	C	T	UTR5	FEN1	NA	NA	NA	NA	NA
chr11	61567669	61567669	T	-	UTR3	FADS1	NA	NA	NA	NA	NA
chr11	62295933	62295933	T	C	exonic	AHNAK	nonsynonymous SNV	AHNAK:NM_001620:exon5:c.A5956G:p.T1986A	NA	NA	B
chr11	64004692	64004692	C	T	exonic	VEGFB	synonymous SNV	_001243733:exon5:c.C408T:p.D136D,VEGFB:NM_003377:exon5:c.C409=COSM147267;OCCURENCE=1(stomac	rs12366035	NA	
chr11	64578162	64578162	A	G	UTR5	MEN1	NA	NA	NA	NA	NA
chr11	64806270	64806270	C	T	exonic	SNX15	synonymous SNV	SNX15:NM_013306:exon7:c.C891T:p.D297D	NA	rs542175	NA
chr11	65143541	65143543	AAA	-	UTR3	SLC25A45	NA	NA	NA	NA	NA
chr11	65563503	65563503	A	T	UTR3	OVOL1	NA	NA	NA	rs67300439	NA
chr11	66393069	66393069	G	C	exonic	RBM14	synonymous SNV	RBM14:NM_006328:exon2:c.G1722C:p.P574P	NA	NA	NA
chr11	67052439	67052439	C	G	exonic	ADRBK1	synonymous SNV	ADRBK1:NM_001619:exon19:c.C1776G:p.G592G	NA	NA	NA
chr11	68663993	68663993	C	T	exonic	MRPL21	nonsynonymous SNV	V_181514:exon4:c.G386A:p.R129Q,MRPL21:NM_181515:exon4:c.G13	NA	rs143584803	D
chr11	68856916	68856916	C	T	UTR3	TPCN2	NA	NA	NA	rs1005858	NA
chr11	70281360	70281362	TTT	-	UTR3	CTTN	NA	NA	NA	rs71992777	NA
chr11	70281395	70281395	A	G	UTR3	CTTN	NA	NA	NA	NA	NA
chr11	70666765	70666765	C	T	exonic	SHANK2	unknown	UNKNOWN	NA	rs11237599	NA
chr11	71238668	71238668	G	A	exonic	KRTAP5-7	nonsynonymous SNV	KRTAP5-7:NM_001012503:exon1:c.G322A:p.G108R	NA	NA	NA
chr11	71238669	71238669	G	A	exonic	KRTAP5-7	nonsynonymous SNV	KRTAP5-7:NM_001012503:exon1:c.G323A:p.G108E	NA	NA	NA
chr11	71238760	71238760	A	C	exonic	KRTAP5-7	synonymous SNV	KRTAP5-7:NM_001012503:exon1:c.A414C:p.S138S	NA	NA	NA
chr11	71498591	71498591	C	G	exonic	FAM86C1	synonymous SNV	n1:c.C9G:p.P3P,FAM86C1:NM_018172:exon1:c.C9G:p.P3P,FAM86C1:NM_	NA	rs12270466	NA
chr11	71498601	71498601	G	T	exonic	FAM86C1	nonsynonymous SNV	l:c.G19T:p.A7S,FAM86C1:NM_018172:exon1:c.G19T:p.A7S,FAM86C1:l	NA	rs12283300	P

chr11	71708250	71708251	GT	-	UTR3	RNF121	NA	NA	NA	rs3841467	NA
chr11	71715015	71715015	-	G	exonic	NUMA1	frameshift insertion	NUMA1:NM_006185:exon26:c.6254_6255insC:p.R2085fs	NA	NA	NA
chr11	77811990	77811990	T	C	ncRNA_UTR3	ALG8	NA	NA	NA	rs1263505	NA
chr11	85968623	85968623	C	T	exonic	EED	synonymous SNV	IM_003797:exon6:c.C619T:p.L207L,EED:NM_152991:exon6:c.C619T:p.	NA	rs974144	NA
chr11	89537461	89537461	G	T	exonic	TRIM49	synonymous SNV	TRIM49:NM_020358:exon3:c.C177A:p.T59T	NA	rs585471	NA
chr11	89701844	89701844	T	C	exonic	TRIM64	nonsynonymous SNV	TRIM64:NM_001136486:exon1:c.T173C:p.I58T	NA	rs145750208	NA
chr11	89727291	89727291	A	G	ncRNA_exonic	TRIM53AP	NA	NA	NA	rs200877642	NA
chr11	89732714	89732714	C	G	ncRNA_exonic	TRIM53AP	NA	NA	NA	rs201822208	NA
chr11	93170919	93170919	A	C	UTR3	CCDC67	NA	NA	NA	NA	NA
chr11	93170925	93170925	G	A	UTR3	CCDC67	NA	NA	NA	rs2605584	NA
chr11	94134513	94134513	G	C	UTR5	GPR83	NA	NA	NA	rs12791316	NA
chr11	94803548	94803548	G	A	UTR3	SRSF8	NA	NA	NA	rs201925344	NA
chr11	94863488	94863488	-	T	UTR3	ENDOD1	NA	NA	NA	NA	NA
chr11	96126289	96126290	TT	-	UTR3	JRKL	NA	NA	NA	NA	NA
chr11	1.01E+08	1.01E+08	T	-	UTR3	PGR	NA	NA	NA	NA	NA
chr11	1.01E+08	1.01E+08	C	T	UTR3	PGR	NA	NA	NA	rs11224560	NA
chr11	1.01E+08	1.01E+08	T	G	exonic	PGR	nonsynonymous SNV	3C:p.T430P,PGR:NM_001202474:exon1:c.A796C:p.T266P,PGR:NM_001	NA	NA	B
chr11	1.01E+08	1.01E+08	T	G	exonic	PGR	synonymous SNV	3C:p.P421P,PGR:NM_001202474:exon1:c.A771C:p.P257P,PGR:NM_001	NA	NA	NA
chr11	1.02E+08	1.02E+08	T	A	UTR3	KIAA1377	NA	NA	NA	NA	NA
chr11	1.06E+08	1.06E+08	A	C	UTR3	GRIA4	NA	NA	NA	rs188861527	NA
chr11	1.08E+08	1.08E+08	A	C	UTR3	SLC35F2	NA	NA	NA	rs111576438	NA
chr11	1.08E+08	1.08E+08	C	G	UTR3	RAB39A	NA	NA	NA	rs1027733	NA
chr11	1.08E+08	1.08E+08	T	-	UTR3	CUL5	NA	NA	NA	rs67141256	NA
chr11	1.08E+08	1.08E+08	A	G	exonic	EXPH5	nonsynonymous SNV	EXPH5:NM_015065:exon1:c.T71C:p.V24A	NA	NA	D
chr11	1.12E+08	1.12E+08	G	T	UTR3	C11orf57	NA	NA	NA	NA	NA
chr11	1.13E+08	1.13E+08	C	T	UTR3	NCAM1	NA	NA	NA	NA	NA
chr11	1.18E+08	1.18E+08	CA	-	UTR3	FXD6	NA	NA	NA	rs57385031	NA
chr11	1.18E+08	1.18E+08	-	T	ncRNA_UTR3	UBE4A	NA	NA	NA	NA	NA
chr11	1.19E+08	1.19E+08	T	C	UTR3	DDX6	NA	NA	NA	NA	NA
chr11	1.19E+08	1.19E+08	A	C	UTR3	DDX6	NA	NA	NA	NA	NA
chr11	1.19E+08	1.19E+08	G	A	UTR3	DDX6	NA	NA	NA	rs76362677	NA
chr11	1.2E+08	1.2E+08	T	C	UTR3	POU2F3	NA	NA	NA	rs78221919	NA
chr11	1.2E+08	1.2E+08	C	T	UTR3	POU2F3	NA	NA	NA	rs4938797	NA
chr11	1.2E+08	1.2E+08	C	T	UTR3	POU2F3	NA	NA	NA	rs200901486	NA
chr11	1.22E+08	1.22E+08	-	A	ncRNA_exonic	MIR100HG	NA	NA	NA	NA	NA
chr11	1.26E+08	1.26E+08	A	G	UTR3	CDON	NA	NA	NA	rs58515733	NA
chr11	1.26E+08	1.26E+08	A	T	UTR3	CDON	NA	NA	NA	rs58251767	NA
chr11	1.26E+08	1.26E+08	C	A	exonic	CDON	stopgain SNV	_001243597:exon6:c.G928T:p.E310X,CDON:NM_016952:exon6:c.G928T	NA	NA	NA
chr11	1.29E+08	1.29E+08	C	T	exonic	C11orf45	synonymous SNV	_001256088:exon4:c.G438A:p.X146X,C11orf45:NM_145013:exon4:c.G	NA	rs11221503	NA
chr11	1.29E+08	1.29E+08	GGTTTGT	-	UTR3	KCNJ5	NA	NA	NA	rs36205004	NA
chr11	1.3E+08	1.3E+08	C	T	UTR3	ZBTB44	NA	NA	NA	NA	NA
chr11	1.34E+08	1.34E+08	T	C	intronic	IGSF9B	NA	NA	NA	rs12800905	NA
chr12	498268	498269	GG	-	UTR5	KDM5A	NA	NA	NA	NA	NA
chr12	863076	863076	T	C	exonic	WNK1	synonymous SNV	NM_014823:exon1:c.T345C:p.A115A,WNK1:NM_018979:exon1:c.T345C	NA	NA	NA
chr12	1021912	1021912	C	-	UTR3	RAD52	NA	NA	NA	rs71441627	NA
chr12	4873163	4873163	G	T	exonic	GALNT8	nonsynonymous SNV	GALNT8:NM_017417:exon9:c.G1543T:p.V515F	=COSM1179986;OCCURENCE=1(prostat	rs1468556	P
chr12	5021439	5021439	G	T	exonic	KCNA1	nonsynonymous SNV	KCNA1:NM_000217:exon2:c.G895T:p.V299F	NA	NA	D
chr12	6499908	6499908	A	G	exonic	LTBR	synonymous SNV	1270987:exon10:c.A1056G:p.G352G,LTBR:NM_002342:exon10:c.A111	NA	NA	NA
chr12	6679324	6679324	T	-	UTR3	CHD4	NA	NA	NA	NA	NA
chr12	6775801	6775801	A	-	UTR3	ZNF384	NA	NA	NA	NA	NA
chr12	6858126	6858126	G	A	exonic	MLF2	synonymous SNV	MLF2:NM_005439:exon8:c.C582T:p.D194D	=COSM431733;OCCURENCE=1(pancrea	rs2302371	NA
chr12	7947875	7947877	TTT	-	UTR3	NANOG	NA	NA	NA	rs4012936	NA
chr12	8353374	8353374	G	A	ncRNA_exonic	FAM66C	NA	NA	NA	rs200171719	NA
chr12	8353403	8353403	A	G	ncRNA_exonic	FAM66C	NA	NA	NA	rs200301637	NA
chr12	8927168	8927168	C	T	UTR3	RIMKLB	NA	NA	NA	NA	NA
chr12	9447488	9447488	C	T	ncRNA_exonic	LOC642846	NA	NA	NA	rs61916250	NA
chr12	9571764	9571764	T	G	ncRNA_exonic	DDX12P	NA	NA	D=COSM469094;OCCURENCE=1(kidney	rs117821635	NA
chr12	9585598	9585598	T	C	ncRNA_exonic	DDX12P	NA	NA	NA	rs200479049	NA
chr12	9800675	9800675	-	CC	ncRNA_exonic	LOC374443	NA	NA	NA	NA	NA
chr12	9800777	9800777	T	G	ncRNA_exonic	LOC374443	NA	NA	NA	NA	NA
chr12	9849145	9849145	A	-	UTR3	CLEC2D	NA	NA	NA	rs112075912	NA
chr12	9885707	9885707	-	TAAGT	exonic	CLECL1	frameshift insertion	3.S52fs,CLECL1:NM_001267701:exon1:c.154_155insACTTA:p.S52fs,CLF	NA	rs112979434	NA
chr12	10583696	10583696	C	T	UTR3	KLRC2	NA	NA	NA	rs2981593	NA
chr12	11083356	11083356	A	G	exonic	PRH2	nonsynonymous SNV	1_001110213:exon3:c.A196G:p.N66D,PRH2:NM_005042:exon3:c.A196	NA	rs1049112	NA
chr12	11420721	11420721	A	G	exonic	PRB3	synonymous SNV	PRB3:NM_006249:exon3:c.T462C:p.G154G	NA	NA	NA
chr12	11420895	11420895	C	T	exonic	PRB3	synonymous SNV	PRB3:NM_006249:exon3:c.G288A:p.P96P	NA	NA	NA

chr12	11421004	11421004	C	G	exonic	PRB3	nonsynonymous SNV	PRB3:NM_006249:exon3:c.G179C:p.R60P	NA	rs71455364	NA
chr12	11461440	11461440	T	C	exonic	PRB4	synonymous SNV	PRB4:NM_002723:exon3:c.A477G:p.P159P	NA	NA	NA
chr12	11461444	11461444	T	G	exonic	PRB4	nonsynonymous SNV	PRB4:NM_002723:exon3:c.A473C:p.H158P	NA	rs59774427	NA
chr12	11461722	11461722	T	G	exonic	PRB4	synonymous SNV	1_001261399:exon3:c.A195C:p.G65G,PRB4:NM_002723:exon3:c.A195G	NA	rs78020621	NA
chr12	11461738	11461738	G	C	exonic	PRB4	nonsynonymous SNV	4_001261399:exon3:c.C179G:p.P60R,PRB4:NM_002723:exon3:c.C179G	NA	rs79562958	NA
chr12	11546192	11546192	G	A	exonic	PRB2	nonsynonymous SNV	PRB2:NM_006248:exon3:c.C820T:p.P274S	NA	rs10845349	NA
chr12	11546258	11546258	G	T	exonic	PRB2	nonsynonymous SNV	PRB2:NM_006248:exon3:c.C754A:p.Q252K	NA	NA	NA
chr12	12045145	12045146	TT	-	ncRNA_UTR3	ETV6	NA	NA	NA	NA	NA
chr12	19529083	19529083	A	-	UTR3	PLEKHA5	NA	NA	NA	NA	NA
chr12	22839786	22839793	TTTTTTTT	-	UTR3	ETNK1	NA	NA	NA	rs57569708	NA
chr12	24967769	24967769	C	T	UTR3	BCAT1	NA	NA	NA	NA	NA
chr12	26386265	26386268	ATAT	-	UTR3	SSPN	NA	NA	NA	NA	NA
chr12	27848053	27848053	-	T	UTR3	PPFIBP1	NA	NA	NA	NA	NA
chr12	29604392	29604392	C	G	exonic	OVCH1	nonsynonymous SNV	OVCH1:NM_183378:exon22:c.G2641C:p.A881P	NA	rs1347570	NA
chr12	31648826	31648826	C	T	exonic	DENND5B	nonsynonymous SNV	DENND5B:NM_144973:exon2:c.G155A:p.R52K	NA	rs4930979	NA
chr12	38719971	38719971	-	ATTTT	UTR3	ALG10B	NA	NA	NA	rs141976317	NA
chr12	39047480	39047480	C	A	UTR3	CPNE8	NA	NA	NA	NA	NA
chr12	39687535	39687535	-	A	UTR3	KIF21A	NA	NA	NA	rs34373131	NA
chr12	40742254	40742254	G	A	exonic	LRRK2	synonymous SNV	LRRK2:NM_198578:exon43:c.G6324A:p.E2108E	NA	rs10878405	NA
chr12	43860526	43860526	A	G	exonic	ADAMTS20	synonymous SNV	ADAMTS20:NM_025003:exon9:c.T1296C:p.P432P	NA	rs11182088	NA
chr12	49315300	49315300	-	T	UTR3	CCDC65	NA	NA	NA	NA	NA
chr12	50745739	50745739	A	G	exonic	FAM186A	nonsynonymous SNV	FAM186A:NM_001145475:exon4:c.T4876C:p.S1626P	NA	NA	NA
chr12	50746158	50746158	G	T	exonic	FAM186A	nonsynonymous SNV	FAM186A:NM_001145475:exon4:c.C4457A:p.P1486Q	ID=COSM229789;OCCURENCE=1(skin)	NA	NA
chr12	50746280	50746280	C	G	exonic	FAM186A	nonsynonymous SNV	FAM186A:NM_001145475:exon4:c.G4335C:p.M1445I	NA	NA	NA
chr12	50746320	50746320	T	C	exonic	FAM186A	nonsynonymous SNV	FAM186A:NM_001145475:exon4:c.A4295G:p.E1432G	NA	NA	NA
chr12	50746496	50746496	C	G	exonic	FAM186A	nonsynonymous SNV	FAM186A:NM_001145475:exon4:c.G4119C:p.M1373I	NA	NA	NA
chr12	50746603	50746603	T	G	exonic	FAM186A	nonsynonymous SNV	FAM186A:NM_001145475:exon4:c.A4012C:p.T1338P	NA	NA	NA
chr12	50746608	50746608	T	C	exonic	FAM186A	nonsynonymous SNV	FAM186A:NM_001145475:exon4:c.A4007G:p.E1336G	NA	NA	NA
chr12	50746771	50746771	T	G	exonic	FAM186A	nonsynonymous SNV	FAM186A:NM_001145475:exon4:c.A3844C:p.K1282Q	NA	NA	NA
chr12	50746927	50746927	T	G	exonic	FAM186A	nonsynonymous SNV	FAM186A:NM_001145475:exon4:c.A3688C:p.T1230P	NA	NA	NA
chr12	51891648	51891648	C	A	intronic	SLC4A8	NA	NA	NA	NA	NA
chr12	52374856	52374856	T	G	exonic	ACVR1B	synonymous SNV	IG:p.G228G,ACVR1B:NM_020327:exon4:c.T528G:p.G176G,ACVR1B:NM	NA	NA	NA
chr12	52627215	52627215	A	G	exonic	KRT7	synonymous SNV	KRT7:NM_005556:exon1:c.A135G:p.S45S	NA	rs7308888	NA
chr12	52845601	52845601	C	T	exonic	KRT6B	nonsynonymous SNV	KRT6B:NM_005555:exon1:c.G262A:p.G88R	NA	rs201122967	NA
chr12	52845665	52845665	G	T	exonic	KRT6B	synonymous SNV	KRT6B:NM_005555:exon1:c.C198A:p.G66G	NA	rs141114189	NA
chr12	53162729	53162729	A	C	exonic	KRT76	nonsynonymous SNV	KRT76:NM_015848:exon9:c.T1685G:p.V562G	NA	NA	NA
chr12	53162773	53162773	A	G	exonic	KRT76	synonymous SNV	KRT76:NM_015848:exon9:c.T1641C:p.S547S	NA	rs1464423	NA
chr12	53810134	53810135	TT	-	UTR3	SP1	NA	NA	NA	NA	NA
chr12	54427251	54427251	T	G	exonic	HOXC5	nonsynonymous SNV	HOXC5:NM_018953:exon1:c.T345G:p.S115R	NA	NA	P
chr12	54514236	54514236	G	C	ncRNA_exonic	FLJ12825	NA	NA	NA	rs199990556	NA
chr12	54514262	54514262	C	T	ncRNA_exonic	FLJ12825	NA	NA	NA	rs200768860	NA
chr12	54514291	54514291	G	C	ncRNA_exonic	FLJ12825	NA	NA	NA	rs75934050	NA
chr12	54943322	54943322	A	G	UTR5	PDE1B	NA	NA	NA	NA	NA
chr12	54943340	54943340	A	G	UTR5	PDE1B	NA	NA	NA	NA	NA
chr12	54943354	54943354	A	G	UTR5	PDE1B	NA	NA	NA	NA	NA
chr12	56430860	56430860	-	G	UTR3	IKZF4	NA	NA	NA	NA	NA
chr12	56810470	56810470	G	T	UTR3	TIMELESS	NA	NA	NA	NA	NA
chr12	57487230	57487230	C	A	exonic	NAB2	nonsynonymous SNV	NAB2:NM_005967:exon6:c.C1317A:p.D439E	NA	NA	NA
chr12	57648285	57648285	A	-	UTR3	R3HDM2	NA	NA	NA	rs67514723	NA
chr12	58146158	58146158	G	T	UTR5	CDK4	NA	NA	NA	NA	NA
chr12	58146161	58146161	G	T	UTR5	CDK4	NA	NA	NA	NA	NA
chr12	62988922	62988922	T	-	UTR3	MON2	NA	NA	NA	NA	NA
chr12	62997466	62997466	C	A	ncRNA_exonic	MIRLET7I	NA	NA	NA	NA	NA
chr12	64541157	64541157	A	C	UTR3	SRGAP1	NA	NA	NA	NA	NA
chr12	64541171	64541171	A	C	UTR3	SRGAP1	NA	NA	NA	NA	NA
chr12	64541205	64541205	A	C	UTR3	SRGAP1	NA	NA	NA	NA	NA
chr12	66218517	66218517	C	G	ncRNA_UTR5	HMGA2	NA	NA	NA	rs7965172	NA
chr12	66218519	66218519	C	G	ncRNA_UTR5	HMGA2	NA	NA	NA	rs12425965	NA
chr12	70214497	70214497	G	T	UTR3	RAB3IP	NA	NA	NA	rs11177881	NA
chr12	71519096	71519096	G	C	UTR3	TSPAN8	NA	NA	NA	rs1051344	NA
chr12	72079926	72079926	T	G	UTR5	TMEM19	NA	NA	NA	NA	NA
chr12	88591037	88591038	TT	-	UTR3	TMTC3	NA	NA	NA	NA	NA
chr12	89914880	89914880	A	-	UTR3	GALNT4,POC1B-GALNT4	NA	NA	NA	NA	NA
chr12	89914886	89914886	A	T	UTR3	GALNT4,POC1B-GALNT4	NA	NA	NA	rs10745507	NA
chr12	95473723	95473723	T	-	UTR3	FGD6	NA	NA	NA	NA	NA
chr12	96361580	96361580	G	T	exonic	AMDHD1	stopgain SNV	AMDHD1:NM_152435:exon9:c.G1240T:p.E414X	NA	NA	NA

chr12	96367601	96367601	-	AAA	UTR3	HAL	NA	NA	NA	NA	NA
chr12	1.01E+08	1.01E+08	-	T	UTR3	SLC17A8	NA	NA	NA	NA	NA
chr12	1.02E+08	1.02E+08	-	A	UTR3	MYBPC1	NA	NA	NA	NA	NA
chr12	1.04E+08	1.04E+08	T	G	exonic	C12orf42	nonsynonymous SNV	_001099336:exon6:c.A787C:p.S263R,C12orf42:NM_198521:exon6:c.A		rs79387839	NA
chr12	1.04E+08	1.04E+08	C	T	exonic	STAB2	synonymous SNV	STAB2:NM_017564:exon51:c.C5307T:p.l1769I		rs117118859	NA
chr12	1.04E+08	1.04E+08	-	A	UTR3	NT5DC3	NA	NA	NA	rs11428514	NA
chr12	1.04E+08	1.04E+08	C	A	exonic	TDG	synonymous SNV	TDG:NM_003211:exon3:c.C387A:p.T129T	22020;OCCURENCE=1(upper_aerodiges	rs75200561	NA
chr12	1.07E+08	1.07E+08	T	-	UTR3	CKAP4	NA	NA	NA	rs71442016	NA
chr12	1.07E+08	1.07E+08	T	-	UTR3	C12orf23	NA	NA	NA	rs57234871	NA
chr12	1.08E+08	1.08E+08	A	C	exonic	BTBD11	nonsynonymous SNV	J1017523:exon5:c.A545C:p.H182P,BTBD11:NM_001018072:exon7:c.A		rs76689600	D
chr12	1.09E+08	1.09E+08	C	G	exonic	TMEM119	synonymous SNV	TMEM119:NM_181724:exon2:c.G180C:p.P60P		NA	NA
chr12	1.09E+08	1.09E+08	A	G	exonic	TMEM119	nonsynonymous SNV	TMEM119:NM_181724:exon2:c.T172C:p.W58R		NA	B
chr12	1.09E+08	1.09E+08	T	G	exonic	TMEM119	synonymous SNV	TMEM119:NM_181724:exon2:c.A168C:p.P56P		NA	NA
chr12	1.09E+08	1.09E+08	C	G	exonic	TMEM119	synonymous SNV	TMEM119:NM_181724:exon2:c.G165C:p.P55P		NA	NA
chr12	1.09E+08	1.09E+08	C	G	exonic	TMEM119	synonymous SNV	TMEM119:NM_181724:exon2:c.G156C:p.P52P		NA	NA
chr12	1.1E+08	1.1E+08	CA	-	UTR3	MMAB	NA	NA	NA	NA	NA
chr12	1.1E+08	1.1E+08	A	-	UTR3	GLTP	NA	NA	NA	rs112967311	NA
chr12	1.12E+08	1.12E+08	A	T	UTR3	NAA25	NA	NA	NA	rs58973750	NA
chr12	1.13E+08	1.13E+08	TGA	-	UTR3	PTPN11	NA	NA	NA	rs148422684	NA
chr12	1.13E+08	1.13E+08	AC	-	UTR3	RPH3A	NA	NA	NA	rs10563429	NA
chr12	1.14E+08	1.14E+08	T	G	exonic	TPCN1	nonsynonymous SNV	17901:exon18:c.T1463G:p.V488G,TPCN1:NM_001143819:exon19:c.T11		NA	P
chr12	1.18E+08	1.18E+08	TGCTCTGC	-	UTR3	KSR2	NA	NA	NA	NA	NA
chr12	1.2E+08	1.2E+08	G	A	UTR3	CIT	NA	NA	NA	rs139790082	NA
chr12	1.21E+08	1.21E+08	G	A	UTR3	MSI1	NA	NA	NA	NA	NA
chr12	1.21E+08	1.21E+08	C	T	UTR3	MSI1	NA	NA	NA	NA	NA
chr12	1.22E+08	1.22E+08	C	A	UTR3	P2RX7	NA	NA	NA	rs79099474	NA
chr12	1.22E+08	1.22E+08	A	C	exonic	CAMKK2	nonsynonymous SNV	CAMKK2:NM_001270486:exon16:c.T1667G:p.V556G		NA	NA
chr12	1.23E+08	1.23E+08	-	AT	UTR3	DENR	NA	NA	NA	rs34625739	NA
chr12	1.24E+08	1.24E+08	C	A	UTR3	SETD8	NA	NA	NA	rs80048501	NA
chr12	1.24E+08	1.24E+08	A	T	UTR3	SETD8	NA	NA	NA	NA	NA
chr12	1.24E+08	1.24E+08	C	T	UTR3	SETD8	NA	NA	NA	rs111418154	NA
chr12	1.25E+08	1.25E+08	T	C	exonic	UBC	synonymous SNV	UBC:NM_021009:exon2:c.A1644G:p.E548E		rs1071722	NA
chr12	1.29E+08	1.29E+08	G	T	UTR3	TMEM132C	NA	NA	NA	NA	NA
chr12	1.29E+08	1.29E+08	G	A	intronic	SLC15A4	NA	NA	NA	rs200176633	NA
chr12	1.31E+08	1.31E+08	-	AAA	ncRNA_exonic	LOC100190940	NA	NA	NA	rs34472041	NA
chr12	1.33E+08	1.33E+08	G	A	exonic	FBRSL1	nonsynonymous SNV	FBRSL1:NM_001142641:exon3:c.G521A:p.R174Q		rs186991682	NA
chr12	1.33E+08	1.33E+08	T	C	UTR3	P2RX2	NA	NA	NA	rs7973007	NA
chr12	1.33E+08	1.33E+08	C	A	exonic	ANKLE2	nonsynonymous SNV	ANKLE2:NM_015114:exon13:c.G2619T:p.W873C		NA	D
chr12	1.34E+08	1.34E+08	A	C	UTR3	ZNF268	NA	NA	NA	NA	NA
chr12	1.34E+08	1.34E+08	A	C	UTR3	ZNF268	NA	NA	NA	NA	NA
chr13	19419783	19419783	C	G	ncRNA_exonic	ANKRD20A9P	NA	NA	NA	rs74692341	NA
chr13	19419808	19419808	G	A	ncRNA_exonic	ANKRD20A9P	NA	NA	NA	rs73435804	NA
chr13	19419847	19419847	C	A	ncRNA_exonic	ANKRD20A9P	NA	NA	NA	rs74349552	NA
chr13	19436148	19436148	C	G	ncRNA_exonic	ANKRD20A9P	NA	NA	NA	rs112815656	NA
chr13	19436179	19436179	A	G	ncRNA_exonic	ANKRD20A9P	NA	NA	NA	rs112011321	NA
chr13	22275849	22275850	TG	-	UTR3	FGF9	NA	NA	NA	NA	NA
chr13	25272870	25272870	C	T	exonic	ATP12A	synonymous SNV	_001185085:exon12:c.C1605T:p.I535I,ATP12A:NM_001676:exon12:c.C		rs2289901	NA
chr13	25875755	25875755	A	C	UTR5	NUPL1	NA	NA	NA	NA	NA
chr13	27847812	27847812	G	T	UTR3	RASL11A	NA	NA	NA	NA	NA
chr13	28874659	28874664	CACACA	-	UTR3	FLT1	NA	NA	NA	rs147176157	NA
chr13	28875310	28875310	A	-	UTR3	FLT1	NA	NA	NA	rs201743756	NA
chr13	31035091	31035092	TT	-	UTR3	HMGB1	NA	NA	NA	NA	NA
chr13	31904677	31904677	-	T	UTR3	B3GALT1	NA	NA	NA	NA	NA
chr13	33349235	33349235	-	TT	UTR3	PDS5B	NA	NA	NA	NA	NA
chr13	33351489	33351489	C	T	UTR3	PDS5B	NA	NA	NA	rs202241635	NA
chr13	33351489	33351489	-	TTT	UTR3	PDS5B	NA	NA	NA	NA	NA
chr13	36744910	36744910	C	T	exonic	CCDC169-SOHLH2,SOHLH2	nonsynonymous SNV	5:exon10:c.G1015A:p.A339T,CCDC169-SOHLH2:NM_001198910:exon1		rs2296968	B
chr13	36876379	36876379	A	G	UTR3	SPG20	NA	NA	NA	rs78129833	NA
chr13	41837625	41837625	G	A	UTR5	MTRF1	NA	NA	NA	NA	NA
chr13	43681661	43681662	AC	-	UTR3	DNAJC15	NA	NA	NA	NA	NA
chr13	49852512	49852512	G	T	exonic	CDADC1	nonsynonymous SNV	001193478:exon7:c.G1077T:p.M359I,CDADC1:NM_030911:exon7:c.G1		NA	D
chr13	58209060	58209060	T	C	exonic	PCDH17	nonsynonymous SNV	PCDH17:NM_001040429:exon1:c.T2380C:p.S794P		NA	D
chr13	66878392	66878392	C	A	UTR3	PCDH9	NA	NA	NA	rs200806980	NA
chr13	75861158	75861158	C	A	exonic	TBC1D4	nonsynonymous SNV	TBC1D4:NM_014832:exon21:c.G3667T:p.A1223S		NA	B
chr13	96485306	96485306	C	A	exonic	UGGT2	nonsynonymous SNV	UGGT2:NM_020121:exon38:c.G4403T:p.C1468F		NA	D
chr13	1.01E+08	1.01E+08	-	T	UTR3	ZIC2	NA	NA	NA	rs34544768	NA

chr13	1.01E+08	1.01E+08	G	C	UTR5	TMTC4	NA	NA	NA	rs1283201	NA
chr13	1.04E+08	1.04E+08	-	T	ncRNA_exonic	METTL21EP	NA	NA	NA	rs34557658	NA
chr13	1.12E+08	1.12E+08	A	-	UTR3	ARHGEF7	NA	NA	NA	rs11319592	NA
chr13	1.14E+08	1.14E+08	C	A	exonic	F10	nonsynonymous SNV	F10:NM_000504:exon1:c.C7A:p.R35	NA	NA	P
chr13	1.15E+08	1.15E+08	G	C	exonic	UPF3A	nonsynonymous SNV	NM_023011:exon2:c.G208C:p.V70L,UPF3A:NM_080687:exon2:c.G208OCCURENCE=2(skin),1(lung),1(upper_ae	rs76186578	NA	D
chr14	21965677	21965677	G	T	UTR3	TOX4	NA	NA	NA	rs3929984	NA
chr14	22102293	22102293	C	T	exonic	OR10G2	nonsynonymous SNV	OR10G2:NM_001005466:exon1:c.G706A:p.A236T	NA	rs41307110	B
chr14	23235808	23235808	G	A	exonic	OXA1L	synonymous SNV	OXA1L:NM_005015:exon1:c.G78A:p.L26L	NA	rs1957374	NA
chr14	23518270	23518270	C	A	exonic	CDH24	synonymous SNV	_144985:exon11:c.G1812T:p.L604L,CDH24:NM_022478:exon12:c.G19:	NA	NA	NA
chr14	23568766	23568766	-	T	UTR3	C14orf119	NA	NA	NA	NA	NA
chr14	23795205	23795206	TT	-	UTR3	BCL2L2-PABPN1,PABPN1	NA	NA	NA	rs58264930	NA
chr14	29262813	29262813	T	C	ncRNA_exonic	C14orf23	NA	NA	NA	rs71414080	NA
chr14	34272917	34272920	AAAA	-	UTR3	NPAS3	NA	NA	NA	NA	NA
chr14	34394147	34394147	-	AA	UTR3	EGLN3	NA	NA	NA	NA	NA
chr14	36986022	36986022	-	A	UTR3	NKX2-1	NA	NA	NA	rs112799458	NA
chr14	45397887	45397887	T	-	UTR3	KLHL28	NA	NA	NA	NA	NA
chr14	45584495	45584495	T	-	UTR3	PRPF39	NA	NA	NA	NA	NA
chr14	47310821	47310821	C	T	UTR3	MDGA2	NA	NA	NA	rs200571407	NA
chr14	47310822	47310822	T	C	UTR3	MDGA2	NA	NA	NA	NA	NA
chr14	47310830	47310830	A	T	UTR3	MDGA2	NA	NA	NA	NA	NA
chr14	47310830	47310830	-	T	UTR3	MDGA2	NA	NA	NA	rs71448138	NA
chr14	50778816	50778816	A	C	exonic	L2HGDH	nonsynonymous SNV	L2HGDH:NM_024884:exon1:c.T53G:p.L18R	NA	rs2275591	NA
chr14	53619544	53619544	G	A	exonic	DDHD1	synonymous SNV	2273T:p.F91F,DDHD1:NM_001160148:exon1:c.C273T:p.F91F,DDHD1:M	NA	rs2358189	NA
chr14	55494090	55494090	G	A	UTR5	SOCS4	NA	NA	NA	rs77678033	NA
chr14	55494091	55494091	G	A	UTR5	SOCS4	NA	NA	NA	rs77911976	NA
chr14	57114800	57114800	A	-	UTR3	TMEM260	NA	NA	NA	NA	NA
chr14	57280005	57280005	T	-	ncRNA_exonic	OTX2-AS1	NA	NA	NA	NA	NA
chr14	59835968	59835968	C	A	UTR3	DAAM1	NA	NA	NA	rs74057123	NA
chr14	59954397	59954397	C	A	exonic	JKAMP	stopgain SNV	V_001098625:exon3:c.C84A:p.C28X,JKAMP:NM_016475:exon3:c.C102	NA	NA	NA
chr14	60759368	60759368	T	-	UTR3	PPM1A	NA	NA	NA	NA	NA
chr14	65054966	65054966	C	T	exonic	PPP1R36	synonymous SNV	PPP1R36:NM_172365:exon11:c.C1035T:p.A345A	NA	rs116953714	NA
chr14	67852376	67852376	T	-	UTR3	EIF2S1	NA	NA	NA	rs71727390	NA
chr14	68035879	68035879	A	G	exonic	PLEKHH1	nonsynonymous SNV	PLEKHH1:NM_020715:exon8:c.A1288G:p.T430A	NA	rs3825725	NA
chr14	68066949	68066949	G	A	UTR5	PIGH	NA	NA	NA	rs11547225	NA
chr14	73032200	73032200	-	TC	UTR3	RGS6	NA	NA	NA	rs140460180	NA
chr14	73137344	73137345	TC	-	UTR3	DPF3	NA	NA	NA	NA	NA
chr14	74168648	74168648	A	-	UTR3	DNAL1	NA	NA	NA	NA	NA
chr14	74205707	74205707	T	G	exonic	ELMSAN1	synonymous SNV	_001043318:exon2:c.A1005C:p.L335L,ELMSAN1:NM_194278:exon2:c.A	NA	NA	NA
chr14	76668880	76668881	AC	-	UTR3	GPATCH2L	NA	NA	NA	NA	NA
chr14	78045446	78045446	C	A	exonic	SPTLC2	nonsynonymous SNV	SPTLC2:NM_004863:exon3:c.G334T:p.V112L	NA	NA	B
chr14	89627942	89627942	C	T	UTR3	FOXN3	NA	NA	NA	rs7156172	NA
chr14	89627946	89627946	C	T	UTR3	FOXN3	NA	NA	NA	NA	NA
chr14	91084338	91084338	C	T	exonic	TTC7B	synonymous SNV	TTC7B:NM_001010854:exon16:c.G1803A:p.E601E	NA	rs754247	NA
chr14	92527592	92527592	A	-	UTR3	ATXN3	NA	NA	NA	rs201936460	NA
chr14	95655320	95655320	A	-	UTR3	CLMN	NA	NA	NA	NA	NA
chr14	99638737	99638737	T	-	UTR3	BCL11B	NA	NA	NA	rs199890567	NA
chr14	1.03E+08	1.03E+08	A	C	UTR3	RCOR1	NA	NA	NA	NA	NA
chr14	1.03E+08	1.03E+08	A	C	UTR3	RCOR1	NA	NA	NA	NA	NA
chr14	1.03E+08	1.03E+08	T	C	UTR3	RCOR1	NA	NA	NA	NA	NA
chr14	1.05E+08	1.05E+08	A	G	exonic	KIF26A	synonymous SNV	KIF26A:NM_015656:exon12:c.A4284G:p.A1428A	NA	rs2487303	NA
chr14	1.05E+08	1.05E+08	A	G	exonic	AHNAK2	synonymous SNV	AHNAK2:NM_138420:exon7:c.T9783C:p.D3261D	NA	rs28564728	NA
chr14	1.05E+08	1.05E+08	T	G	exonic	AHNAK2	nonsynonymous SNV	AHNAK2:NM_138420:exon7:c.A9563C:p.N3188T	NA	rs201816632	NA
chr14	1.05E+08	1.05E+08	T	C	exonic	AHNAK2	synonymous SNV	AHNAK2:NM_138420:exon7:c.A9513G:p.P3171P	NA	rs2819427	NA
chr14	1.05E+08	1.05E+08	A	G	exonic	AHNAK2	nonsynonymous SNV	AHNAK2:NM_138420:exon7:c.T6326C:p.V2109A	NA	rs201948776	NA
chr14	1.05E+08	1.05E+08	T	C	exonic	AHNAK2	nonsynonymous SNV	AHNAK2:NM_138420:exon7:c.A6145G:p.T2049A	NA	rs201406401	NA
chr14	1.06E+08	1.06E+08	C	T	exonic	BTBD6	synonymous SNV	BTBD6:NM_033271:exon3:c.C237T:p.N79N	NA	rs2816605	NA
chr14	1.06E+08	1.06E+08	C	T	ncRNA_exonic	KIAA0125	NA	NA	NA	rs11850004	NA
chr15	20739885	20739885	T	C	exonic	GOLGA6L6	nonsynonymous SNV	GOLGA6L6:NM_001145004:exon8:c.A1865G:p.Q622R	NA	rs57050697	NA
chr15	21934053	21934053	G	A	ncRNA_exonic	LOC646214	NA	NA	NA	NA	NA
chr15	21938081	21938081	C	T	ncRNA_exonic	LOC646214	NA	NA	NA	rs113837443	NA
chr15	21940266	21940266	-	A	ncRNA_exonic	LOC646214	NA	NA	NA	NA	NA
chr15	21940423	21940423	G	A	ncRNA_exonic	LOC646214	NA	NA	NA	rs12102267	NA
chr15	22074657	22074657	C	G	exonic	100287399,LOC100996331,PC	nonsynonymous SNV	I5C:p.E249Q,LOC100996331:NM_001277304:exon4:c.G745C:p.E249Q,	NA	rs200899135	NA
chr15	22138292	22138292	C	T	ncRNA_exonic	NF1P2	NA	NA	NA	rs138146330	NA
chr15	22711791	22711791	A	G	ncRNA_exonic	GOLGA8DP	NA	NA	NA	NA	NA
chr15	22742718	22742718	T	A	exonic	GOLGA6L1	nonsynonymous SNV	GOLGA6L1:NM_001001413:exon8:c.T1103A:p.L368Q M230296;OCCURENCE=1(NS),2(endom	rs7171381	NA	NA

chr15	23448116	23448116	G	C	ncRNA_exonic	GOLGA8EP	NA	NA	NA	rs1813574	NA
chr15	23448157	23448157	T	C	ncRNA_exonic	GOLGA8EP	NA	NA	NA	rs76705008	NA
chr15	24412403	24412403	A	T	ncRNA_exonic	PWRN2	NA	NA	NA	rs12907382	NA
chr15	25330550	25330550	T	A	ncRNA_exonic	SNORD116-18	NA	NA	NA	rs3803328	NA
chr15	28518112	28518112	C	A	exonic	HERC2	nonsynonymous SNV	HERC2:NM_004667:exon8:c.G839T:p.S280I	NA	rs200859595	B
chr15	28518126	28518126	G	A	exonic	HERC2	synonymous SNV	HERC2:NM_004667:exon8:c.C825T:p.T275T	NA	NA	NA
chr15	28518130	28518130	G	C	exonic	HERC2	nonsynonymous SNV	HERC2:NM_004667:exon8:c.C821G:p.A274G	NA	NA	B
chr15	28518135	28518135	C	T	exonic	HERC2	synonymous SNV	HERC2:NM_004667:exon8:c.G816A:p.T272T	OSM289694;OCCURENCE=1(large_intes	rs141674943	NA
chr15	28518136	28518136	G	A	exonic	HERC2	nonsynonymous SNV	HERC2:NM_004667:exon8:c.C815T:p.T272M	NA	rs201979656	B
chr15	29001133	29001133	C	T	ncRNA_exonic	WHAMMP2	NA	NA	NA	rs142551791	NA
chr15	31664441	31664441	T	C	exonic	KLF13	nonsynonymous SNV	KLF13:NM_015995:exon2:c.T806C:p.L269P	NA	NA	NA
chr15	35812484	35812484	G	A	UTR3	ATPBD4	NA	NA	NA	NA	NA
chr15	40846105	40846140	G	-	UTR3	C15orf57	NA	NA	NA	NA	NA
chr15	40987565	40987565	G	T	UTR5	RAD51	NA	NA	NA	rs1801321	NA
chr15	41773443	41773443	G	-	UTR3	RTF1	NA	NA	NA	rs56118647	NA
chr15	41865525	41865525	G	T	exonic	TYRO3	nonsynonymous SNV	TYRO3:NM_006293:exon17:c.G2005T:p.V669L	NA	rs62001448	D
chr15	41871513	41871513	T	A	UTR3	TYRO3	NA	NA	NA	NA	NA
chr15	42119323	42119323	-	TC	UTR3	MAPKBP1	NA	NA	NA	rs34551245	NA
chr15	42570718	42570718	A	G	exonic	GANC	nonsynonymous SNV	GANC:NM_198141:exon3:c.A131G:p.Q44R	NA	rs8024732	B
chr15	43650560	43650560	T	-	UTR3	ZSCAN29	NA	NA	NA	NA	NA
chr15	43652835	43652835	A	-	UTR3	ZSCAN29	NA	NA	NA	rs67982601	NA
chr15	48064867	48064867	T	A	UTR3	SEMA6D	NA	NA	NA	rs3803349	NA
chr15	50226359	50226359	G	C	exonic	ATP8B4	nonsynonymous SNV	ATP8B4:NM_024837:exon15:c.C1308G:p.F436L	NA	rs55687265	P
chr15	50643858	50643865	G	-	ncRNA_exonic	FLJ10038	NA	NA	NA	rs146731069	NA
chr15	50648219	50648219	A	-	ncRNA_exonic	GABPB1-AS1	NA	NA	NA	NA	NA
chr15	52413807	52413807	-	T	UTR3	GNB5	NA	NA	NA	NA	NA
chr15	55904895	55904895	A	T	UTR3	PRTG	NA	NA	NA	NA	NA
chr15	55905957	55905957	-	T	UTR3	PRTG	NA	NA	NA	NA	NA
chr15	57840202	57840202	T	-	UTR3	CGNL1	NA	NA	NA	NA	NA
chr15	60782356	60782356	-	AT	UTR3	RORA	NA	NA	NA	rs35741328	NA
chr15	63362507	63362507	G	A	UTR3	TPM1	NA	NA	NA	rs143569714	NA
chr15	63362509	63362509	G	A	UTR3	TPM1	NA	NA	NA	NA	NA
chr15	64434537	64434537	G	A	UTR3	SNX1	NA	NA	NA	rs17201990	NA
chr15	65739303	65739303	C	A	exonic	DPP8	synonymous SNV	_130434:exon20:c.G2568T:p.S856S,DPP8:NM_197961:exon20:c.G246G	NA	rs11009	NA
chr15	68594394	68594423	-	-	UTR3	ITGA11	NA	NA	NA	NA	NA
chr15	70341342	70341342	A	-	UTR3	TLE3	NA	NA	NA	NA	NA
chr15	70341854	70341854	A	-	UTR3	TLE3	NA	NA	NA	rs11324999	NA
chr15	72452675	72452677	AAA	-	UTR3	GRAMD2	NA	NA	NA	NA	NA
chr15	72642905	72642905	C	T	exonic	HEXA	synonymous SNV	HEXA:NM_000520:exon7:c.G759A:p.V253V	NA	rs117513345	NA
chr15	72953658	72953658	G	A	exonic	GOLGA6B	synonymous SNV	GOLGA6B:NM_018652:exon8:c.G618A:p.K206K	NA	NA	NA
chr15	72958366	72958366	T	G	exonic	GOLGA6B	nonsynonymous SNV	GOLGA6B:NM_018652:exon17:c.T1851G:p.H617Q	NA	rs200655139	NA
chr15	75095093	75095093	A	C	UTR3	CSK	NA	NA	NA	NA	NA
chr15	75644457	75644457	G	C	UTR3	GOLGA6C	NA	NA	NA	rs2740425	NA
chr15	76029087	76029087	T	C	ncRNA_intronic	DNM1P35	NA	NA	NA	rs7496047	NA
chr15	80215597	80215597	G	T	ncRNA_exonic	C15orf37	NA	NA	NA	rs2303824	NA
chr15	82634574	82634574	C	T	UTR3	GOLGA6L10	NA	NA	NA	rs28482898	NA
chr15	82634594	82634594	A	G	UTR3	GOLGA6L10	NA	NA	NA	rs4039143	NA
chr15	82637315	82637315	C	T	exonic	GOLGA6L10	synonymous SNV	GOLGA6L10:NM_001164465:exon6:c.G771A:p.L257L	NA	rs200605893	NA
chr15	82637356	82637356	G	A	exonic	GOLGA6L10	nonsynonymous SNV	GOLGA6L10:NM_001164465:exon6:c.C730T:p.R244C	NA	rs201144848	NA
chr15	82637377	82637377	G	A	exonic	GOLGA6L10	nonsynonymous SNV	GOLGA6L10:NM_001164465:exon6:c.C709T:p.R237C	NA	rs200328108	NA
chr15	82637378	82637378	T	C	exonic	GOLGA6L10	synonymous SNV	GOLGA6L10:NM_001164465:exon6:c.A708G:p.L236L	NA	NA	NA
chr15	82637419	82637419	A	G	exonic	GOLGA6L10	nonsynonymous SNV	GOLGA6L10:NM_001164465:exon6:c.T667C:p.C223R	NA	NA	NA
chr15	82637420	82637420	C	T	exonic	GOLGA6L10	synonymous SNV	GOLGA6L10:NM_001164465:exon6:c.G666A:p.L222L	NA	NA	NA
chr15	82637439	82637439	T	C	exonic	GOLGA6L10	nonsynonymous SNV	GOLGA6L10:NM_001164465:exon6:c.A647G:p.H216R	NA	rs185538129	NA
chr15	82637460	82637460	T	C	exonic	GOLGA6L10	nonsynonymous SNV	GOLGA6L10:NM_001164465:exon6:c.A626G:p.H209R	NA	rs199925595	NA
chr15	83013665	83013665	C	T	intergenic	97(dist=27238),UBE2Q2P3(di	NA	NA	NA	NA	NA
chr15	83013916	83013916	A	G	intergenic	97(dist=27489),UBE2Q2P3(di	NA	NA	NA	NA	NA
chr15	83013917	83013917	C	T	intergenic	97(dist=27490),UBE2Q2P3(di	NA	NA	NA	NA	NA
chr15	83502439	83502439	T	-	UTR3	WHAMM	NA	NA	NA	NA	NA
chr15	83680329	83680329	G	A	exonic	C15orf40	nonsynonymous SNV	.C31T:p.L11F,C15orf40:NM_001160115:exon1:c.C31T:p.L11F,C15orf40	NA	rs17361375	NA
chr15	85055093	85055093	A	C	ncRNA_exonic	GOLGA6L5	NA	NA	NA	rs227573	NA
chr15	85360004	85360004	A	C	UTR5	ALPK3	NA	NA	NA	rs55736017	NA
chr15	89386652	89386652	G	A	exonic	ACAN	nonsynonymous SNV	l_001135:exon6:c.G824A:p.R275Q,ACAN:NM_013227:exon6:c.G824A	NA	rs34949187	NA
chr15	89398883	89398883	A	T	exonic	ACAN	nonsynonymous SNV	001135:exon12:c.A3067T:p.T1023S,ACAN:NM_013227:exon12:c.A306	NA	NA	NA
chr15	90170933	90170933	G	A	UTR3	TICRR	NA	NA	NA	rs3743371	NA
chr15	90349667	90349667	T	G	exonic	ANPEP	nonsynonymous SNV	ANPEP:NM_001150:exon2:c.A148C:p.T50P	NA	NA	B

chr15	91425783	91425783	T	C	UTR3	FURIN	NA	NA	NA	NA	NA
chr15	92690366	92690366	A	C	exonic	SLCO3A1	synonymous SNV	001145044:exon8:c.A1665C:p.T555T,SLCO3A1:NM_013272:exon8:c.A	NA	NA	NA
chr15	98980925	98980925	G	-	UTR3	FAM169B	NA	NA	NA	NA	NA
chr15	98981194	98981196	GAT	-	UTR3	FAM169B	NA	NA	NA	NA	NA
chr15	98981290	98981290	T	-	UTR3	FAM169B	NA	NA	NA	NA	NA
chr15	1E+08	1E+08	G	C	UTR3	MEF2A	NA	NA	NA	rs325382	NA
chr15	1E+08	1E+08	C	T	ncRNA_exonic	DNM1P46	NA	NA	NA	NA	NA
chr15	1E+08	1E+08	G	T	ncRNA_exonic	DNM1P46	NA	NA	NA	NA	NA
chr15	1E+08	1E+08	T	C	ncRNA_exonic	DNM1P46	NA	NA	NA	NA	NA
chr16	449109	449109	A	G	exonic	NME4	nonsynonymous SNV	NME4:NM_005009:exon2:c.A211G:p.M71V	NA	NA	D
chr16	602313	602313	C	A	exonic	SOLH	synonymous SNV	SOLH:NM_005632:exon11:c.C2520A:p.A840A	NA	rs9930550	NA
chr16	822742	822742	T	G	intergenic	62(dist=2465),RPU5D1(dist=1	NA	NA	NA	NA	NA
chr16	848213	848213	T	G	UTR3	GNG13	NA	NA	NA	NA	NA
chr16	1036733	1036733	C	T	UTR3	SOX8	NA	NA	NA	NA	NA
chr16	1146228	1146228	C	T	UTR5	C1QTNF8	NA	NA	NA	rs2076422	NA
chr16	1252259	1252259	A	G	exonic	CACNA1H	synonymous SNV	001005407:exon9:c.A1809G:p.R603R,CACNA1H:NM_021098:exon9:c.A	NA	rs9934839	NA
chr16	1258193	1258193	A	C	exonic	CACNA1H	nonsynonymous SNV	0005407:exon16:c.A3335C:p.D1112A,CACNA1H:NM_021098:exon16:c	NA	rs202114960	NA
chr16	1291308	1291308	A	G	exonic	TPSAB1	synonymous SNV	TPSAB1:NM_003294:exon3:c.A216G:p.A72A	NA	rs201568970	NA
chr16	1291608	1291608	A	G	exonic	TPSAB1	nonsynonymous SNV	TPSAB1:NM_003294:exon4:c.A407G:p.H136R	NA	rs1064780	B
chr16	1291623	1291623	C	T	exonic	TPSAB1	nonsynonymous SNV	TPSAB1:NM_003294:exon4:c.C422T:p.T141I	NA	rs1064781	P
chr16	1291639	1291639	A	G	exonic	TPSAB1	synonymous SNV	TPSAB1:NM_003294:exon4:c.A438G:p.S146S	NA	rs1064783	NA
chr16	1291941	1291941	G	A	exonic	TPSAB1	nonsynonymous SNV	TPSAB1:NM_003294:exon5:c.G613A:p.V205I	NA	rs1060284	B
chr16	1306523	1306523	G	T	exonic	TPSD1	nonsynonymous SNV	TPSD1:NM_012217:exon2:c.G89T:p.G30V	NA	rs2401937	D
chr16	1414996	1414996	T	-	UTR3	UNKL	NA	NA	NA	rs112378427	NA
chr16	1484392	1484392	G	C	UTR3	CCDC154	NA	NA	NA	rs12598718	NA
chr16	1545448	1545448	A	G	exonic	TELO2	nonsynonymous SNV	TELO2:NM_016111:exon3:c.A437G:p.Q146R	NA	rs2235624	B
chr16	1591962	1591962	G	A	exonic	TMEM204	synonymous SNV	_024600:exon2:c.G321A:p.T107T,TMEM204:NM_001256541:exon3:c.C	NA	rs2076443	NA
chr16	1876949	1876949	G	C	UTR5	HAGH	NA	NA	NA	rs7188401	NA
chr16	1878295	1878295	G	A	UTR3	FAHD1	NA	NA	NA	NA	NA
chr16	2052320	2052320	T	G	exonic	ZNF598	nonsynonymous SNV	ZNF598:NM_178167:exon7:c.A782C:p.D261A	NA	NA	NA
chr16	2052345	2052345	T	G	exonic	ZNF598	nonsynonymous SNV	ZNF598:NM_178167:exon7:c.A757C:p.T253P	NA	NA	NA
chr16	2121850	2121850	-	C	exonic	TSC2	frameshift insertion	71fs,TSC2:NM_001077183:exon19:c.2012_2013insC:p.G671fs,TSC2:NM	NA	NA	NA
chr16	2653536	2653536	T	G	ncRNA_exonic	LOC652276	NA	NA	NA	NA	NA
chr16	3077670	3077670	A	C	UTR3	THOC6	NA	NA	NA	NA	NA
chr16	3079685	3079685	T	C	exonic	CCDC64B	nonsynonymous SNV	CCDC64B:NM_001103175:exon5:c.A818G:p.Q273R	NA	rs2244494	NA
chr16	3292666	3292666	T	C	UTR3	MEFV	NA	NA	NA	rs11466052	NA
chr16	3292673	3292675	AAA	-	UTR3	MEFV	NA	NA	NA	rs61379197	NA
chr16	3304762	3304762	A	G	exonic	MEFV	synonymous SNV	MEFV:NM_000243:exon2:c.T306C:p.D102D	NA	rs224225	NA
chr16	7761230	7761230	A	-	UTR3	RBFOX1	NA	NA	NA	rs59509314	NA
chr16	8986464	8986468	AAAAA	-	UTR3	USP7	NA	NA	NA	rs141993088	NA
chr16	10624908	10624908	G	A	UTR3	EMP2	NA	NA	NA	rs7187959	NA
chr16	11962217	11962217	T	-	UTR3	GSPT1	NA	NA	NA	NA	NA
chr16	15818992	15818992	A	-	UTR3	NDE1	NA	NA	NA	NA	NA
chr16	19131760	19131760	T	-	UTR3	ITPRIPL2	NA	NA	NA	rs112434410	NA
chr16	19513697	19513702	TTTTTT	-	UTR3	GDE1	NA	NA	NA	NA	NA
chr16	19563849	19563851	AAA	-	UTR3	CCP110	NA	NA	NA	NA	NA
chr16	20870169	20870169	A	T	UTR3	DCUN1D3	NA	NA	NA	NA	NA
chr16	21191514	21191514	G	T	UTR3	TMEM159	NA	NA	NA	NA	NA
chr16	22546026	22546026	A	C	exonic	LOC100132247	synonymous SNV	LOC100132247:NM_001135865:exon7:c.A1722C:p.T574T	NA	NA	NA
chr16	22546469	22546469	A	C	exonic	LOC100132247	nonsynonymous SNV	LOC100132247:NM_001135865:exon7:c.A2165C:p.H722P	NA	NA	NA
chr16	23076644	23076644	A	-	UTR3	USP31	NA	NA	NA	NA	NA
chr16	24835459	24835459	G	C	UTR3	TNRC6A	NA	NA	NA	rs112183094	NA
chr16	25250585	25250586	AA	-	UTR3	ZKSCAN2	NA	NA	NA	rs58897018	NA
chr16	29381579	29381579	A	-	intergenic	2(dist=5199),LOC606724(dist:	NA	NA	NA	NA	NA
chr16	29821984	29821984	T	-	UTR3	MAZ	NA	NA	NA	rs71650270	NA
chr16	29910394	29910394	A	C	UTR5	SEZ6L2	NA	NA	NA	NA	NA
chr16	31003411	31003411	-	AC	UTR3	STX1B	NA	NA	NA	rs112607901	NA
chr16	34404050	34404050	T	G	ncRNA_exonic	UBE2MP1	NA	NA	NA	NA	NA
chr16	48226479	48226479	C	T	exonic	ABCC11	synonymous SNV	A:p.K886K,ABCC11:NM_032583:exon20:c.G2658A:p.K886K,ABCC11:N	NA	rs12443685	NA
chr16	50832526	50832526	A	-	UTR3	CYLD	NA	NA	NA	rs111804189	NA
chr16	54320197	54320197	G	T	UTR5	IRX3	NA	NA	NA	rs3751723	NA
chr16	54967096	54967096	C	A	exonic	IRX5	nonsynonymous SNV	_001252197:exon3:c.C760A:p.P254T,IRX5:NM_005853:exon3:c.C763A	NA	rs13336114	B
chr16	55798671	55798671	G	A	ncRNA_exonic	CES1P1	NA	NA	NA	rs34649320	NA
chr16	55798733	55798733	G	C	ncRNA_exonic	CES1P1	NA	NA	NA	rs35384853	NA
chr16	55798759	55798759	T	C	ncRNA_exonic	CES1P1	NA	NA	NA	rs71374087	NA
chr16	55798763	55798763	A	G	ncRNA_exonic	CES1P1	NA	NA	NA	rs71374088	NA

chr16	55798778	55798778	A	G	ncRNA_exonic	CES1P1	NA	NA	NA	rs76167618	NA
chr16	55798783	55798783	A	G	ncRNA_exonic	CES1P1	NA	NA	NA	rs75712934	NA
chr16	56691861	56691861	T	C	UTR5	MT1F	NA	NA	NA	NA	NA
chr16	57091977	57091977	T	C	exonic	NLRC5	synonymous SNV	NLRC5:NM_032206:exon27:c.T3747C:p.D1249D	NA	rs7206703	NA
chr16	57398706	57398706	-	T	UTR3	CCL22	NA	NA	NA	rs57450696	NA
chr16	66638219	66638219	A	T	upstream	CMTM3	NA	NA	NA	rs146585124	NA
chr16	67201665	67201665	A	G	exonic	HSF4	synonymous SNV	HSF4:NM_001040667:exon11:c.A897G:p.P299P	NA	NA	NA
chr16	67841129	67841129	T	G	UTR5	TSNAXIP1	NA	NA	NA	rs7199443	NA
chr16	67905065	67905065	C	T	UTR3	NUTF2	NA	NA	NA	NA	NA
chr16	68678505	68678505	G	T	UTR5	CDH3	NA	NA	NA	NA	NA
chr16	69151479	69151479	-	T	UTR3	HAS3	NA	NA	NA	NA	NA
chr16	69339663	69339663	T	-	UTR3	SNTB2	NA	NA	NA	NA	NA
chr16	70010369	70010369	C	G	ncRNA_exonic	PDXDC2P	NA	NA	NA	rs187431035	NA
chr16	70010370	70010370	A	G	ncRNA_exonic	PDXDC2P	NA	NA	NA	NA	NA
chr16	70010374	70010374	A	G	ncRNA_exonic	PDXDC2P	NA	NA	NA	NA	NA
chr16	70010380	70010380	C	T	ncRNA_exonic	PDXDC2P	NA	NA	NA	NA	NA
chr16	70011129	70011129	G	A	ncRNA_exonic	PDXDC2P	NA	NA	NA	NA	NA
chr16	70011173	70011173	A	G	ncRNA_exonic	PDXDC2P	NA	NA	NA	NA	NA
chr16	71025245	71025245	C	T	exonic	HYDIN	synonymous SNV	HYDIN:NM_001270974:exon25:c.G3840A:p.T1280T	NA	rs116894611	NA
chr16	72058667	72058667	G	A	UTR3	DHODH	NA	NA	NA	rs113365769	NA
chr16	72820483	72820483	C	A	UTR3	ZFX3	NA	NA	NA	rs200323038	NA
chr16	74486093	74486093	A	C	UTR3	GLG1	NA	NA	NA	NA	NA
chr16	74655601	74655601	G	T	UTR3	RFWD3	NA	NA	NA	rs71386224	NA
chr16	81744503	81744503	A	C	UTR3	CMIP	NA	NA	NA	NA	NA
chr16	85125545	85125545	TTTTT	-	UTR3	KIAA0513	NA	NA	NA	NA	NA
chr16	85695241	85695241	G	A	exonic	GSE1	synonymous SNV	001134473:exon8:c.G1818A:p.S606S,GSE1:NM_014615:exon9:c.G213G	NA	NA	NA
chr16	85695242	85695242	C	G	exonic	GSE1	nonsynonymous SNV	001134473:exon8:c.C1819G;p.P607A,GSE1:NM_014615:exon9:c.C213G	NA	NA	D
chr16	85695243	85695243	C	G	exonic	GSE1	nonsynonymous SNV	001134473:exon8:c.C1820G;p.P607R,GSE1:NM_014615:exon9:c.C213G	NA	NA	D
chr16	85695244	85695244	C	A	exonic	GSE1	synonymous SNV	001134473:exon8:c.C1821A;p.P607P,GSE1:NM_014615:exon9:c.C213G	NA	NA	NA
chr16	88506287	88506287	-	TCTGACCA	UTR3	ZNF469	NA	NA	NA	rs3838248	NA
chr16	88552370	88552370	A	G	exonic	ZFPM1	nonsynonymous SNV	ZFPM1:NM_153813:exon2:c.A64G:p.R22G	NA	rs3751673	NA
chr16	88599696	88599697	GA	-	exonic	ZFPM1	frameshift deletion	ZFPM1:NM_153813:exon10:c.1330_1331del:p.444_444del	NA	rs67712719	NA
chr16	88599701	88599701	T	-	exonic	ZFPM1	frameshift deletion	ZFPM1:NM_153813:exon10:c.1335delT:p.P445fs	NA	rs67322929	NA
chr16	88599703	88599705	TGG	-	exonic	ZFPM1	nonframeshift deletion	ZFPM1:NM_153813:exon10:c.1337_1339del:p.446_447del	NA	rs67873604	NA
chr16	89346906	89346906	T	G	exonic	ANKRD11	nonsynonymous SNV	p.Y2015S,ANKRD11:NM_013275:exon9:c.A6044C:p.Y2015S,ANKRD11:	NA	NA	D
chr16	90061507	90061507	T	A	ncRNA_exonic	AFG3L1P	NA	NA	NA	NA	NA
chr16	90061738	90061738	T	C	ncRNA_exonic	AFG3L1P	NA	NA	NA	NA	NA
chr16	90062158	90062158	A	G	ncRNA_exonic	AFG3L1P	NA	NA	NA	NA	NA
chr17	263576	263576	T	C	exonic	C17orf97	synonymous SNV	C17orf97:NM_001013672:exon2:c.T942C:p.G314G	NA	rs111445631	NA
chr17	292322	292322	A	-	UTR3	FAM101B	NA	NA	NA	rs139875162	NA
chr17	416962	416962	T	C	UTR3	VPS53	NA	NA	NA	rs8080942	NA
chr17	417718	417718	T	C	UTR3	VPS53	NA	NA	NA	NA	NA
chr17	418519	418519	-	G	UTR3	VPS53	NA	NA	NA	rs146415154	NA
chr17	1090273	1090273	G	C	UTR5	ABR	NA	NA	NA	rs3813440	NA
chr17	1683882	1683882	C	A	UTR3	SMYD4	NA	NA	NA	NA	NA
chr17	1839009	1839009	A	G	UTR3	RTN4RL1	NA	NA	NA	rs188773038	NA
chr17	1839011	1839011	A	G	UTR3	RTN4RL1	NA	NA	NA	rs201978444	NA
chr17	1964759	1964759	-	G	UTR3	SMG6	NA	NA	NA	rs145926620	NA
chr17	2595964	2595964	G	A	exonic	CLUH	synonymous SNV	CLUH:NM_015229:exon21:c.C3222T:p.A1074A	NA	rs2302199	NA
chr17	2938272	2938272	T	-	UTR3	RAP1GAP2	NA	NA	NA	rs71830536	NA
chr17	3343519	3343519	T	C	exonic	SPATA22	synonymous SNV	G:p.E338E,SPATA22:NM_001170697:exon9:c.A1014G:p.E338E,SPATA22	NA	rs17822627	NA
chr17	3447914	3447914	C	T	exonic	TRPV3	synonymous SNV	_001258205:exon4:c.G270A:p.Q90Q,TRPV3:NM_145068:exon4:c.G270A	NA	rs1039519	NA
chr17	3539835	3539835	T	C	UTR5	CTNS	NA	NA	NA	rs111977802	NA
chr17	4461935	4461935	A	C	exonic	GGT6	nonsynonymous SNV	_153338:exon3:c.T761G:p.V254G,GGT6:NM_001122890:exon4:c.T857G	NA	NA	B
chr17	6327551	6327551	G	A	UTR3	AIPL1	NA	NA	NA	rs907938	NA
chr17	6328628	6328629	TT	-	UTR3	AIPL1	NA	NA	NA	rs56845881	NA
chr17	6556538	6556538	G	C	UTR3	C17orf100	NA	NA	NA	rs4796533	NA
chr17	6556541	6556541	A	T	UTR3	C17orf100	NA	NA	NA	rs4796343	NA
chr17	7097657	7097657	A	C	exonic	DLG4	nonsynonymous SNV	01128827:exon12:c.T1450G;p.F484V,DLG4:NM_001365:exon14:c.T150G	NA	NA	NA
chr17	7190439	7190439	T	C	UTR3	SLC2A4	NA	NA	NA	NA	NA
chr17	7190440	7190440	T	C	UTR3	SLC2A4	NA	NA	NA	rs55782239	NA
chr17	7554536	7554536	T	C	UTR5	ATP1B2	NA	NA	NA	rs1050528	NA
chr17	8294348	8294348	T	-	UTR3	RNF222	NA	NA	NA	NA	NA
chr17	8731943	8731943	T	C	exonic	PIK3R6	unknown	UNKNOWN	NA	rs140947985	NA
chr17	10633539	10633542	AAAA	-	ncRNA_UTR5	TMEM220	NA	NA	NA	rs59392100	NA
chr17	11513845	11513845	G	T	exonic	DNAH9	nonsynonymous SNV	DNAH9:NM_001372:exon3:c.G747T:p.K249N	NA	NA	B

chr17	13928567	13928567	C	G	ncRNA_exonic	CDRT15P1	NA	NA	NA	rs148540138	NA
chr17	15621245	15621245	-	T	UTR3	ZNF286A	NA	NA	NA	NA	NA
chr17	16285719	16285719	T	C	exonic	UBB	synonymous SNV	UBB:NM_018955:exon2:c.T498C;p.T166T	NA	rs1060763	NA
chr17	16318932	16318932	T	C	UTR5	TRPV2	NA	NA	NA	rs3813769	NA
chr17	16344891	16344891	T	-	ncRNA_exonic	C17orf76-AS1	NA	NA	NA	rs71831095	NA
chr17	17680560	17680560	T	G	ncRNA_exonic	SMCR5	NA	NA	NA	rs941445	NA
chr17	17714851	17714851	G	-	UTR3	SREBF1	NA	NA	NA	rs11304210	NA
chr17	17942613	17942613	C	T	UTR5	GID4	NA	NA	NA	rs7406982	NA
chr17	17997209	17997209	G	A	exonic	DRG2	synonymous SNV	DRG2:NM_001388:exon2:c.G147A:p.S49S	NA	rs2230316	NA
chr17	18291544	18291544	A	G	exonic	EVPLL	synonymous SNV	EVPLL:NM_001145127:exon10:c.A888G;p.P296P	NA	rs586322	NA
chr17	20354836	20354836	A	G	exonic	LGALS9B	synonymous SNV	LGALS9B:NM_001042685:exon10:c.T879C;p.S293S	NA	rs150485558	NA
chr17	20407483	20407483	T	C	ncRNA_exonic	KRT16P3	NA	NA	NA	NA	NA
chr17	20767808	20767808	C	G	UTR3	CCDC144NL	NA	NA	NA	rs141460191	NA
chr17	21207813	21207813	T	G	exonic	MAP2K3	nonsynonymous SNV	V_002756:exon8:c.T557G;p.L186W,MAP2K3:NM_145109:exon8:c.T64	NA	rs74575904	D
chr17	21207835	21207835	G	A	exonic	MAP2K3	synonymous SNV	V_002756:exon8:c.G579A;p.T193T,MAP2K3:NM_145109:exon8:c.G66=COSM1179253;OCCURENCE=1(prostat	NA	rs76111309	NA
chr17	21207844	21207844	C	T	exonic	MAP2K3	synonymous SNV	V_002756:exon8:c.C588T;p.A196A,MAP2K3:NM_145109:exon8:c.C67	NA	rs2230436	NA
chr17	21320787	21320787	G	A	UTR3	KCNJ12	NA	NA	NA	rs76105604	NA
chr17	21320854	21320854	A	-	UTR3	KCNJ12	NA	NA	NA	rs67230821	NA
chr17	21322880	21322880	A	C	UTR3	KCNJ12	NA	NA	NA	rs79110818	NA
chr17	21322883	21322883	G	A	UTR3	KCNJ12	NA	NA	NA	rs78171447	NA
chr17	21911267	21911268	TG	-	ncRNA_exonic	FLJ36000	NA	NA	NA	NA	NA
chr17	27581500	27581500	-	A	UTR3	CRYBA1	NA	NA	NA	NA	NA
chr17	31618865	31618865	A	C	exonic	ASIC2	nonsynonymous SNV	ASIC2:NM_183377:exon1:c.T269G;p.V90G	NA	NA	NA
chr17	32903526	32903526	G	A	UTR3	C17orf102	NA	NA	NA	rs9891306	NA
chr17	33765127	33765127	A	-	UTR3	SLFN13	NA	NA	NA	rs11337992	NA
chr17	34493108	34493108	T	G	UTR3	TBC1D3B	NA	NA	NA	NA	NA
chr17	34493194	34493194	T	C	UTR3	TBC1D3B	NA	NA	NA	rs79500369	NA
chr17	36883387	36883387	T	-	UTR3	MLLT6	NA	NA	NA	NA	NA
chr17	37221649	37221650	TT	-	ncRNA_UTR3	PLXDC1	NA	NA	NA	rs149203975	NA
chr17	37562813	37562813	T	-	UTR3	MED1	NA	NA	NA	NA	NA
chr17	37688356	37688361	TCTCTC	-	UTR3	CDK12	NA	NA	NA	rs71843922	NA
chr17	38122680	38122680	G	T	exonic	GSDMA	nonsynonymous SNV	GSDMA:NM_178171:exon3:c.G382T;p.V128L	NA	rs7212938	NA
chr17	38122686	38122686	G	A	exonic	GSDMA	nonsynonymous SNV	GSDMA:NM_178171:exon3:c.G388A;p.E130K	NA	rs7212944	NA
chr17	39139370	39139370	G	A	exonic	KRT40	nonsynonymous SNV	KRT40:NM_182497:exon4:c.C458T;p.T153M	NA	rs9908304	D
chr17	39240791	39240791	C	T	exonic	KRTAP4-7	synonymous SNV	KRTAP4-7:NM_033061:exon1:c.C333T;p.R111R	NA	NA	NA
chr17	39254143	39254143	C	T	exonic	KRTAP4-8	nonsynonymous SNV	KRTAP4-8:NM_031960:exon1:c.G194A;p.C65Y	NA	NA	NA
chr17	39316570	39316570	T	C	exonic	KRTAP4-4	nonsynonymous SNV	KRTAP4-4:NM_032524:exon1:c.A374G;p.Y125C	NA	rs111563615	NA
chr17	39316746	39316746	A	G	exonic	KRTAP4-4	synonymous SNV	KRTAP4-4:NM_032524:exon1:c.T198C;p.C66C	NA	NA	NA
chr17	39340786	39340786	A	G	exonic	KRTAP4-1	synonymous SNV	KRTAP4-1:NM_033060:exon2:c.T264C;p.C88C	NA	rs2320228	NA
chr17	39675023	39675023	T	C	exonic	KRT15	synonymous SNV	KRT15:NM_002275:exon1:c.A57G;p.R19R	NA	NA	NA
chr17	40465420	40465420	G	-	UTR3	STAT3	NA	NA	NA	NA	NA
chr17	41031196	41031196	A	-	ncRNA_exonic	LINC00671	NA	NA	NA	NA	NA
chr17	41144609	41144609	G	A	UTR3	RUNDC1	NA	NA	NA	rs201072724	NA
chr17	41181922	41181923	AA	-	UTR3	RND2	NA	NA	NA	NA	NA
chr17	42113045	42113045	-	A	UTR3	LSM12	NA	NA	NA	NA	NA
chr17	42248239	42248239	C	A	exonic	ASB16	synonymous SNV	ASB16:NM_080863:exon1:c.C82A;p.R28R	NA	rs144229400	NA
chr17	42266708	42266708	A	G	exonic	TMUB2	synonymous SNV	G:p.G98G,TMUB2:NM_177441:exon2:c.A294G;p.G98G,TMUB2:NM_0	NA	NA	NA
chr17	42284469	42284469	T	-	UTR3	UBTF	NA	NA	NA	NA	NA
chr17	43101699	43101708	TGTGTGTG	-	UTR3	DCAKD	NA	NA	NA	NA	NA
chr17	44374362	44374362	T	C	exonic	LRRC37A	synonymous SNV	LRRC37A:NM_014834:exon1:c.T1863C;p.P621P	NA	rs17854018	NA
chr17	45055759	45055759	-	AA	UTR3	RPRML	NA	NA	NA	NA	NA
chr17	45214564	45214564	A	T	exonic	CDC27	nonsynonymous SNV	01114091:exon14:c.T1885A;p.C629S,CDC27:NM_001256:exon14:c.T11179254,COSM1179255;OCCURENCE=1	NA	rs201184967	NA
chr17	45214606	45214606	G	T	exonic	CDC27	nonsynonymous SNV	01114091:exon14:c.C1843A;p.H615N,CDC27:NM_001256:exon14:c.C1	NA	rs79260965	NA
chr17	45214636	45214636	T	C	exonic	CDC27	nonsynonymous SNV	01114091:exon14:c.A1813G;p.N605D,CDC27:NM_001256:exon14:c.A1	NA	rs200200993	NA
chr17	45234430	45234430	A	G	exonic	CDC27	nonsynonymous SNV	01114091:exon7:c.T691C;p.S231P,CDC27:NM_001256:exon7:c.T69	NA	rs78072949	B
chr17	45234707	45234707	T	A	exonic	CDC27	nonsynonymous SNV	01114091:exon6:c.A519T;p.L173F,CDC27:NM_001256:exon6:c.A51	NA	rs75353677	B
chr17	45502222	45502222	C	T	intronic	EFCAB13	NA	NA	NA	NA	NA
chr17	47373330	47373330	G	A	UTR3	ZNF652	NA	NA	NA	NA	NA
chr17	47373333	47373333	C	A	UTR3	ZNF652	NA	NA	NA	NA	NA
chr17	47676880	47676880	G	-	UTR3	SPOP	NA	NA	NA	rs11316512	NA
chr17	48542139	48542139	-	T	UTR3	CHAD	NA	NA	NA	rs60053197	NA
chr17	48701735	48701735	G	T	exonic	CACNA1G	nonsynonymous SNV	02T:p.V1978F,CACNA1G:NM_198379:exon34:c.G6007T;p.V2003F,CACN	NA	NA	NA
chr17	48771502	48771502	G	A	UTR3	ANKRD40	NA	NA	NA	rs11079923	NA
chr17	48771507	48771507	G	A	UTR3	ANKRD40	NA	NA	NA	rs199897066	NA
chr17	49041948	49041948	-	A	UTR3	SPAG9	NA	NA	NA	NA	NA
chr17	53402169	53402169	-	GTGTGC	UTR3	HLF	NA	NA	NA	NA	NA

chr17	54450038	54450038	C	A	exonic	ANKFN1	synonymous SNV	ANKFN1:NM_153228:exon6:c.C642A:p.L214L	NA	rs957724	NA
chr17	54965932	54965932	A	G	UTR3	TRIM25	NA	NA	NA	rs7615	NA
chr17	55197932	55197932	A	-	UTR3	AKAP1	NA	NA	NA	NA	NA
chr17	56438301	56438301	G	A	exonic	RNF43	nonsynonymous SNV	RNF43:NM_017763:exon7:c.C692T:p.P231L	NA	rs2680701	P
chr17	57773034	57773037	AAAA	-	UTR3	CLTC	NA	NA	NA	rs139136427	NA
chr17	58524282	58524282	A	-	UTR3	APPBP2	NA	NA	NA	NA	NA
chr17	60342552	60342552	T	C	ncRNA_exonic	TBC1D3P2	NA	NA	NA	rs200812362	NA
chr17	60342600	60342600	T	G	ncRNA_exonic	TBC1D3P2	NA	NA	NA	rs62069087	NA
chr17	62122724	62122724	T	G	exonic	ERN1	nonsynonymous SNV	ERN1:NM_001433:exon20:c.A2648C:p.Q883P	NA	NA	NA
chr17	62400086	62400086	-	C	UTR3	PECAM1	NA	NA	NA	rs35975413	NA
chr17	62541835	62541835	A	-	UTR3	SMURF2	NA	NA	NA	NA	NA
chr17	62541865	62541865	A	-	UTR3	SMURF2	NA	NA	NA	NA	NA
chr17	66122028	66122028	A	-	ncRNA_exonic	LINC00674	NA	NA	NA	NA	NA
chr17	71332317	71332317	A	-	UTR3	SDK2	NA	NA	NA	NA	NA
chr17	72700943	72700943	A	G	exonic	CD300LF	nonsynonymous SNV	CD300LF:NM_139018:exon2:c.T56C:p.V19A	NA	rs35489971	B
chr17	73060246	73060246	A	C	UTR3	KCTD2	NA	NA	NA	NA	NA
chr17	73498845	73498845	T	G	exonic	CASKIN2	synonymous SNV	01142643:exon17:c.A2064C:p.P688P,CASKIN2:NM_020753:exon18:c./	NA	NA	NA
chr17	73606310	73606310	G	A	ncRNA_exonic	MYO15B	NA	NA	NA	rs11657863	NA
chr17	73812867	73812867	C	T	exonic	UNK	synonymous SNV	UNK:NM_001080419:exon8:c.C978T:p.D326D	NA	rs112695630	NA
chr17	74288463	74288463	G	A	exonic	QRICH2	nonsynonymous SNV	QRICH2:NM_032134:exon4:c.C1847T:p.A616V :OSM984645;OCCURENCE=1(endometr	NA	NA	B
chr17	75090386	75090386	T	C	ncRNA_exonic	LINC00338	NA	NA	NA	NA	NA
chr17	75090396	75090396	G	A	ncRNA_exonic	LINC00338	NA	NA	NA	NA	NA
chr17	75212385	75212385	C	T	UTR3	SEC14L1	NA	NA	NA	rs112436719	NA
chr17	76083017	76083017	A	C	exonic	TNRC6C	synonymous SNV	1142640:exon14:c.A3636C:p.P1212P,TNRC6C:NM_018996:exon14:c.A	NA	NA	NA
chr17	76102335	76102335	A	-	UTR3	TNRC6C	NA	NA	NA	rs58424290	NA
chr17	76421443	76421443	G	A	exonic	DNAH17	synonymous SNV	DNAH17:NM_173628:exon80:c.C13125T:p.Y4375Y	NA	rs1134541	NA
chr17	76798445	76798445	C	A	exonic	USP36	nonsynonymous SNV	USP36:NM_025090:exon17:c.G2983T:p.A995S	NA	rs145562419	B
chr17	77709339	77709339	C	G	exonic	ENPP7	synonymous SNV	ENPP7:NM_178543:exon3:c.C897G:p.A299A	NA	rs11657217	NA
chr17	77756156	77756156	A	C	UTR3	CBX2	NA	NA	NA	NA	NA
chr17	77807715	77807715	G	T	UTR3	CBX4	NA	NA	NA	NA	NA
chr17	78326266	78326266	T	G	ncRNA_exonic	LOC100294362	NA	NA	NA	NA	NA
chr17	78326270	78326270	A	G	ncRNA_exonic	LOC100294362	NA	NA	NA	NA	NA
chr17	78440927	78440927	T	-	UTR3	NPTX1	NA	NA	NA	NA	NA
chr17	79090262	79090262	-	GCCCCA	UTR3	BAIAP2	NA	NA	NA	rs148172788	NA
chr17	79220020	79220020	A	C	exonic	SLC38A10	nonsynonymous SNV	SLC38A10:NM_001037984:exon16:c.T2696G:p.V899G	NA	NA	P
chr17	79419025	79419025	G	A	exonic	BAHCC1	unknown	UNKNOWN	NA	rs35572189	NA
chr17	79517455	79517455	A	C	exonic	C17orf70	synonymous SNV	C17orf70:NM_025161:exon3:c.T1065G:p.G355G ID=COSM309626;OCCURENCE=1(lung)	NA	rs202147413	NA
chr17	79615572	79615572	A	G	UTR3	TSPAN10	NA	NA	NA	rs7405453	NA
chr17	80332251	80332251	T	C	exonic	UTS2R	synonymous SNV	UTS2R:NM_018949:exon1:c.T51C:p.T17T	NA	rs11654140	NA
chr17	80561596	80561598	TTT	-	UTR3	FOXK2	NA	NA	NA	NA	NA
chr17	81176848	81176848	G	A	ncRNA_exonic	FLJ43681	NA	NA	NA	rs71271552	NA
chr17	81177608	81177608	C	T	ncRNA_exonic	FLJ43681	NA	NA	NA	rs17143775	NA
chr18	319513	319513	A	-	UTR3	COLEC12	NA	NA	NA	rs11336256	NA
chr18	911381	911381	A	T	UTR3	ADCYAP1	NA	NA	NA	rs68021456	NA
chr18	8387195	8387195	G	A	exonic	PTPRM	synonymous SNV	2845:exon29:c.G4131A:p.E1377E,PTPRM:NM_001105244:exon31:c.G4	NA	rs593978	NA
chr18	8639145	8639145	C	T	UTR3	RAB12	NA	NA	NA	rs200644771	NA
chr18	9285128	9285128	G	A	UTR3	ANKRD12	NA	NA	NA	rs149646961	NA
chr18	9861101	9861101	A	-	UTR3	RAB31	NA	NA	NA	NA	NA
chr18	9887252	9887252	C	A	exonic	TXNDC2	nonsynonymous SNV	_001098529:exon2:c.C776A:p.A259E,TXNDC2:NM_032243:exon2:c.C5	NA	NA	NA
chr18	9887256	9887256	G	A	exonic	TXNDC2	synonymous SNV	_001098529:exon2:c.G780A:p.K260K,TXNDC2:NM_032243:exon2:c.G5	NA	NA	NA
chr18	9887388	9887388	G	A	exonic	TXNDC2	synonymous SNV	_001098529:exon2:c.G912A:p.E304E,TXNDC2:NM_032243:exon2:c.G7	NA	rs1784553	NA
chr18	12991393	12991393	T	C	UTR5	CEP192	NA	NA	NA	rs11663049	NA
chr18	13612545	13612545	C	-	UTR5	LDLRAD4	NA	NA	NA	rs11311417	NA
chr18	13665381	13665384	AAAA	-	UTR3	FAM210A	NA	NA	NA	rs56656145	NA
chr18	18530330	18530330	T	G	UTR3	ROCK1	NA	NA	NA	rs200562208	NA
chr18	18534948	18534948	G	C	exonic	ROCK1	nonsynonymous SNV	ROCK1:NM_005406:exon31:c.C3649G:p.Q1217E =COSM1130086;OCCURENCE=1(prostat	rs201390233	B	NA
chr18	24492378	24492378	G	C	ncRNA_intronic	AQP4-AS1	NA	NA	NA	rs56343734	NA
chr18	31322986	31322986	G	A	exonic	ASXL3	synonymous SNV	ASXL3:NM_030632:exon12:c.G3174A:p.K1058K	NA	NA	NA
chr18	42644796	42644796	C	A	UTR3	SETBP1	NA	NA	NA	NA	NA
chr18	45363933	45363933	A	-	UTR3	SMAD2	NA	NA	NA	NA	NA
chr18	47349287	47349287	T	A	UTR3	MYO5B	NA	NA	NA	NA	NA
chr18	47349335	47349335	G	A	UTR3	MYO5B	NA	NA	NA	rs199813194	NA
chr18	47349337	47349337	A	G	UTR3	MYO5B	NA	NA	NA	NA	NA
chr18	47349344	47349344	C	G	UTR3	MYO5B	NA	NA	NA	NA	NA
chr18	47349346	47349346	T	C	UTR3	MYO5B	NA	NA	NA	NA	NA
chr18	47349368	47349368	A	G	UTR3	MYO5B	NA	NA	NA	NA	NA

chr18	47349398	47349398	T	G	UTR3	MYO5B	NA	NA	NA	NA	NA
chr18	47349401	47349401	T	C	UTR3	MYO5B	NA	NA	NA	NA	NA
chr18	47350146	47350146	T	C	UTR3	MYO5B	NA	NA	NA	NA	NA
chr18	47350148	47350148	A	G	UTR3	MYO5B	NA	NA	NA	NA	NA
chr18	47350224	47350224	-	G	UTR3	MYO5B	NA	NA	NA	NA	NA
chr18	48610376	48610376	G	A	UTR3	SMAD4	NA	NA	NA	NA	NA
chr18	55215503	55215503	C	A	UTR3	FECH	NA	NA	NA	NA	NA
chr18	55289076	55289076	C	T	UTR5	NARS	NA	NA	NA	rs2032938	NA
chr18	56985789	56985789	T	C	UTR5	CPLX4	NA	NA	NA	rs59444152	NA
chr18	61265349	61265349	T	-	UTR3	SERPINB13	NA	NA	NA	rs57085048	NA
chr18	61325815	61325815	A	G	exonic	SERPINB3	nonsynonymous SNV	SERPINB3:NM_006919:exon5:c.T401C:p.V134A	NA	rs148254791	B
chr18	61325816	61325816	C	T	exonic	SERPINB3	nonsynonymous SNV	SERPINB3:NM_006919:exon5:c.G400A:p.V134I	NA	rs61754491	B
chr18	64171528	64171528	-	TT	UTR3	CDH19	NA	NA	NA	NA	NA
chr18	64171913	64171913	A	T	UTR3	CDH19	NA	NA	NA	NA	NA
chr18	72516258	72516258	-	A	UTR3	ZNF407	NA	NA	NA	NA	NA
chr18	72593013	72593013	A	C	exonic	ZNF407	nonsynonymous SNV	1146189:exon5:c.A5066C;p.D1689A,ZNF407:NM_017757:exon5:c.A5066C;p.D1689A	NA	NA	NA
chr19	111016	111016	T	G	exonic	OR4F17	nonsynonymous SNV	OR4F17:NM_001005240:exon1:c.T338G:p.F113C	NA	rs200336441	D
chr19	199295	199295	G	A	ncRNA_exonic	FLJ45445	NA	NA	NA	NA	NA
chr19	199442	199442	G	T	ncRNA_exonic	FLJ45445	NA	NA	NA	rs57399907	NA
chr19	199588	199588	T	G	ncRNA_exonic	FLJ45445	NA	NA	NA	rs8053947	NA
chr19	501695	501695	C	T	exonic	MADCAM1	nonsynonymous SNV	MADCAM1:NM_130760:exon4:c.C694T:p.P232S	NA	rs77685069	NA
chr19	501725	501725	G	A	exonic	MADCAM1	nonsynonymous SNV	MADCAM1:NM_130760:exon4:c.G724A:p.D242N	NA	rs62130833	NA
chr19	501762	501762	A	C	exonic	MADCAM1	nonsynonymous SNV	MADCAM1:NM_130760:exon4:c.A761C:p.Q254P	D=COSM475040;OCCURENCE=1(kidney)	rs200007467	NA
chr19	622336	622336	T	G	exonic	POLRMT	nonsynonymous SNV	POLRMT:NM_005035:exon9:c.A1664C:p.E555A	NA	rs2238549	B
chr19	624882	624882	T	C	exonic	POLRMT	nonsynonymous SNV	POLRMT:NM_005035:exon5:c.A977G:p.E326G	NA	NA	P
chr19	871987	871987	G	A	exonic	MED16	synonymous SNV	MED16:NM_005481:exon12:c.C2037T:p.T679T	NA	rs78047294	NA
chr19	1037971	1037971	-	T	UTR3	CNN2	NA	NA	NA	NA	NA
chr19	1472591	1472591	T	C	UTR3	APC2	NA	NA	NA	NA	NA
chr19	1525392	1525392	C	T	UTR5	PLK5	NA	NA	NA	rs2292451	NA
chr19	1597572	1597572	G	T	UTR3	UQCR11	NA	NA	NA	NA	NA
chr19	1925930	1925930	G	C	UTR3	SCAMP4	NA	NA	NA	NA	NA
chr19	2290870	2290870	G	C	exonic	LINGO3	synonymous SNV	LINGO3:NM_001101391:exon2:c.C906G:p.A302A	NA	rs8111892	NA
chr19	2716453	2716453	T	G	UTR3	DIRAS1	NA	NA	NA	NA	NA
chr19	3121452	3121452	-	A	UTR3	GNA11	NA	NA	NA	NA	NA
chr19	3590837	3590837	T	A	UTR3	GIPC3	NA	NA	NA	NA	NA
chr19	3769253	3769253	G	C	UTR3	RAX2	NA	NA	NA	rs6510769	NA
chr19	4511737	4511737	T	C	exonic	PLIN4	synonymous SNV	PLIN4:NM_001080400:exon3:c.A2193G:p.K731K	NA	rs57610751	NA
chr19	4512676	4512676	T	G	exonic	PLIN4	synonymous SNV	PLIN4:NM_001080400:exon3:c.A1254C:p.T418T	NA	rs59593546	NA
chr19	4513044	4513044	C	T	exonic	PLIN4	nonsynonymous SNV	PLIN4:NM_001080400:exon3:c.G886A:p.G296S	NA	rs56366613	NA
chr19	4513045	4513045	A	G	exonic	PLIN4	synonymous SNV	PLIN4:NM_001080400:exon3:c.T885C:p.T295T	NA	rs12327614	NA
chr19	4523091	4523091	T	-	UTR3	PLIN5	NA	NA	NA	rs71168910	NA
chr19	4524016	4524016	G	A	exonic	PLIN5	nonsynonymous SNV	PLIN5:NM_001013706:exon8:c.C916T:p.R306W	NA	rs1062223	D
chr19	5915980	5915980	T	G	UTR3	CAPS	NA	NA	NA	NA	NA
chr19	6156483	6156483	T	C	exonic	ACSBG2	nonsynonymous SNV	ACSBG2:NM_030924:exon5:c.T428C:p.V143A	NA	rs4807840	B
chr19	7166376	7166376	C	T	exonic	INSR	synonymous SNV	00208:exon8:c.G1650A:p.A550A,INSR:NM_001079817:exon8:c.G1650=COSM148469;OCCURENCE=1(stomach)	rs2059806	NA	NA
chr19	7536496	7536496	T	C	UTR3	ARHGEF18	NA	NA	NA	NA	NA
chr19	7744076	7744077	CC	-	UTR3	C19orf59	NA	NA	NA	rs149073960	NA
chr19	7965897	7965897	C	G	UTR3	LRRRC8E	NA	NA	NA	NA	NA
chr19	7965898	7965898	A	G	UTR3	LRRRC8E	NA	NA	NA	NA	NA
chr19	8176640	8176640	C	T	exonic	FBN3	nonsynonymous SNV	FBN3:NM_032447:exon31:c.G3976A:p.V1326I	NA	rs12975322	B
chr19	9297874	9297874	G	A	UTR3	OR7D2	NA	NA	NA	rs7246654	NA
chr19	9761701	9761701	C	T	UTR3	ZNF562	NA	NA	NA	NA	NA
chr19	10439540	10439540	A	G	exonic	RAVER1	synonymous SNV	RAVER1:NM_133452:exon3:c.T585C:p.A195A	NA	rs3745262	NA
chr19	10579172	10579172	G	C	UTR3	PDE4A	NA	NA	NA	NA	NA
chr19	10579177	10579177	A	C	UTR3	PDE4A	NA	NA	NA	NA	NA
chr19	11562297	11562297	C	T	UTR3	ELAVL3	NA	NA	NA	NA	NA
chr19	11563263	11563263	G	A	UTR3	ELAVL3	NA	NA	NA	NA	NA
chr19	11564612	11564612	G	C	UTR3	ELAVL3	NA	NA	NA	NA	NA
chr19	12428367	12428367	T	C	UTR3	ZNF563	NA	NA	NA	rs10410020	NA
chr19	12574741	12574742	AA	-	UTR3	ZNF709	NA	NA	NA	NA	NA
chr19	12575260	12575260	C	T	exonic	ZNF709	synonymous SNV	ZNF709:NM_152601:exon4:c.G1476A:p.R492R	NA	NA	NA
chr19	12810471	12810471	T	-	UTR3	TNPO2	NA	NA	NA	NA	NA
chr19	13317759	13317767	TTTTTTTTT	-	UTR3	CACNA1A	NA	NA	NA	NA	NA
chr19	14582539	14582539	C	T	exonic	PKN1	synonymous SNV	002741:exon22:c.C2772T:p.L924L,PKN1:NM_213560:exon22:c.C279C	NA	rs8598	NA
chr19	14583582	14583582	C	T	exonic	PTGER1	synonymous SNV	PTGER1:NM_000955:exon3:c.G999A:p.L333L	NA	rs11668633	NA
chr19	15770784	15770784	G	A	UTR3	CYP4F3	NA	NA	NA	rs3087897	NA

chr19	17001071	17001071	C	A	exonic	F2RL3	nonsynonymous SNV	F2RL3:NM_003950:exon2:c.C797A:p.A266D	NA	NA	D	
chr19	17038890	17038890	C	A	exonic	CPAMD8	nonsynonymous SNV	CPAMD8:NM_015692:exon25:c.G3440T:p.S1147I	NA	NA	NA	
chr19	17392483	17392483	C	G	UTR5	ANKLE1	NA	NA	NA	rs7246262	NA	
chr19	17393015	17393015	C	T	exonic	ANKLE1	nonsynonymous SNV	ANKLE1:NM_152363:exon2:c.C212T:p.A71V	NA	NA	rs1864116	NA
chr19	17434197	17434197	C	A	UTR3	ANO8	NA	NA	NA	NA	NA	NA
chr19	18260796	18260796	T	-	UTR3	MAST3	NA	NA	NA	NA	rs61501122	NA
chr19	18474961	18474961	C	T	UTR3	PGPEP1	NA	NA	NA	NA	NA	NA
chr19	18479249	18479251	AAA	-	UTR3	PGPEP1	NA	NA	NA	NA	rs59054174	NA
chr19	20004073	20004109	ACAAGTTC	-	UTR3	ZNF253	NA	NA	NA	NA	NA	NA
chr19	20046147	20046147	G	A	UTR3	ZNF93	NA	NA	NA	NA	rs1048421	NA
chr19	20803578	20803578	A	G	UTR3	ZNF626	NA	NA	NA	NA	rs7250542	NA
chr19	20803652	20803652	-	T	UTR3	ZNF626	NA	NA	NA	NA	rs139108386	NA
chr19	20804513	20804513	G	A	UTR3	ZNF626	NA	NA	NA	NA	rs4485501	NA
chr19	20806673	20806673	C	T	UTR3	ZNF626	NA	NA	NA	NA	NA	NA
chr19	20807270	20807270	A	G	exonic	ZNF626	synonymous SNV	ZNF626:NM_001076675:exon4:c.T1413C:p.H471H	NA	NA	rs4809070	NA
chr19	21566239	21566239	T	C	ncRNA_exonic	ZNF738	NA	NA	NA	NA	NA	NA
chr19	21566240	21566240	A	T	ncRNA_exonic	ZNF738	NA	NA	NA	NA	NA	NA
chr19	21566247	21566247	C	T	ncRNA_exonic	ZNF738	NA	NA	NA	NA	NA	NA
chr19	22363610	22363610	A	G	exonic	ZNF676	synonymous SNV	ZNF676:NM_001001411:exon3:c.T909C:p.H303H	NA	NA	rs201622264	NA
chr19	22363795	22363795	T	C	exonic	ZNF676	nonsynonymous SNV	ZNF676:NM_001001411:exon3:c.A724G:p.K242E	NA	NA	NA	B
chr19	22363796	22363796	A	C	exonic	ZNF676	synonymous SNV	ZNF676:NM_001001411:exon3:c.T723G:p.T241T	NA	NA	NA	NA
chr19	22363797	22363797	G	A	exonic	ZNF676	nonsynonymous SNV	ZNF676:NM_001001411:exon3:c.C722T:p.T241I	NA	NA	NA	B
chr19	22363803	22363803	A	T	exonic	ZNF676	nonsynonymous SNV	ZNF676:NM_001001411:exon3:c.T716A:p.I239N	NA	NA	NA	B
chr19	22363817	22363817	A	G	exonic	ZNF676	synonymous SNV	ZNF676:NM_001001411:exon3:c.T702C:p.F234F	NA	NA	NA	NA
chr19	33698660	33698660	G	C	UTR3	LRP3	NA	NA	NA	NA	NA	NA
chr19	35454604	35454604	A	C	UTR5	ZNF792	NA	NA	NA	NA	rs2546028	NA
chr19	35454605	35454605	A	G	UTR5	ZNF792	NA	NA	NA	NA	rs2546029	NA
chr19	35850711	35850711	A	G	exonic	FFAR3	nonsynonymous SNV	FFAR3:NM_005304:exon2:c.A919G:p.M307V	NA	NA	rs12459836	B
chr19	35851239	35851239	G	A	UTR3	FFAR3	NA	NA	NA	NA	rs147842512	NA
chr19	36114999	36114999	C	T	UTR3	HAUS5	NA	NA	NA	NA	NA	NA
chr19	36135645	36135645	T	A	exonic	ETV2	nonsynonymous SNV	ETV2:NM_014209:exon7:c.T920A:p.I307N	NA	NA	NA	NA
chr19	36135646	36135646	C	G	exonic	ETV2	nonsynonymous SNV	ETV2:NM_014209:exon7:c.C921G:p.I307M	NA	NA	NA	NA
chr19	36135647	36135647	G	A	exonic	ETV2	nonsynonymous SNV	ETV2:NM_014209:exon7:c.G922A:p.V308M	NA	NA	NA	NA
chr19	36135649	36135649	G	C	exonic	ETV2	synonymous SNV	ETV2:NM_014209:exon7:c.G924C:p.V308V	NA	NA	NA	NA
chr19	36135650	36135650	C	G	exonic	ETV2	nonsynonymous SNV	ETV2:NM_014209:exon7:c.C925G:p.R309G	NA	NA	NA	NA
chr19	37036967	37036967	A	G	UTR3	ZNF529	NA	NA	NA	NA	NA	NA
chr19	38028814	38028814	T	-	UTR3	ZNF793	NA	NA	NA	NA	NA	NA
chr19	38031187	38031187	G	A	UTR3	ZNF793	NA	NA	NA	NA	NA	NA
chr19	38795905	38795905	C	A	UTR3	YIF1B	NA	NA	NA	NA	NA	NA
chr19	38819463	38819463	C	G	UTR3	KCNK6	NA	NA	NA	NA	rs61160177	NA
chr19	39327296	39327296	C	A	UTR3	HNRNPUL1	NA	NA	NA	NA	NA	NA
chr19	39360720	39360720	G	A	exonic	RINL	nonsynonymous SNV	_001195833:exon9:c.C1205T:p.P402L,RINL:NM_198445:exon9:c.C863	NA	NA	rs8110393	D
chr19	39805325	39805325	T	G	exonic	LRFN1	nonsynonymous SNV	LRFN1:NM_020862:exon1:c.A652C:p.T218P	NA	NA	NA	NA
chr19	40021823	40021823	-	T	UTR3	EID2B	NA	NA	NA	NA	NA	NA
chr19	40399814	40399814	A	G	exonic	FCGBP	nonsynonymous SNV	FCGBP:NM_003890:exon13:c.T5881C:p.S1961P	NA	NA	NA	NA
chr19	41128309	41128309	C	T	exonic	LTBP4	unknown	UNKNOWN	NA	NA	rs10880	NA
chr19	41349517	41349517	G	C	UTR3	CYP2A6	NA	NA	NA	NA	rs113777046	NA
chr19	41349519	41349519	T	A	UTR3	CYP2A6	NA	NA	NA	NA	rs112026263	NA
chr19	41456227	41456227	T	A	ncRNA_exonic	CYP2B7P1	NA	NA	NA	NA	rs117694034	NA
chr19	41811707	41811707	T	C	exonic	HNRNPUL1	nonsynonymous SNV	_007040:exon14:c.T2389C:p.Y797H,HNRNPUL1:NM_144732:exon14:c.	NA	NA	NA	NA
chr19	42799199	42799199	A	C	exonic	CIC	synonymous SNV	CIC:NM_015125:exon20:c.A4683C:p.S1561S	NA	NA	NA	NA
chr19	43376101	43376101	G	T	exonic	PSG1	nonsynonymous SNV	i27A:p.A176E,PSG1:NM_001184826:exon3:c.C527A:p.A176E,PSG1:NM	NA	NA	NA	NA
chr19	43853608	43853608	A	G	ncRNA_exonic	PRG1	NA	NA	NA	NA	rs62113732	NA
chr19	43864548	43864548	C	A	exonic	CD177	unknown	UNKNOWN	NA	NA	rs10425835	NA
chr19	44037370	44037370	C	G	UTR5	ZNF575	NA	NA	NA	NA	rs2599459	NA
chr19	44096007	44096007	G	A	UTR3	IRGQ	NA	NA	NA	NA	rs28444861	NA
chr19	44096007	44096007	-	AA	UTR3	IRGQ	NA	NA	NA	NA	NA	NA
chr19	44117603	44117603	T	A	exonic	SRRM5	nonsynonymous SNV	SRRM5:NM_001145641:exon1:c.T1330A:p.Y444N	NA	NA	rs201848853	NA
chr19	44576302	44576302	C	T	UTR5	ZNF284	NA	NA	NA	NA	rs11666432	NA
chr19	45323171	45323187	CCCAACTC/	-	UTR3	BCAM	NA	NA	NA	NA	rs3842409	NA
chr19	46021198	46021198	C	A	exonic	VASP	nonsynonymous SNV	VASP:NM_003370:exon3:c.C189A:p.N63K	NA	NA	NA	D
chr19	46030154	46030154	G	A	UTR3	VASP	NA	NA	NA	NA	rs10995	NA
chr19	46049982	46049982	A	G	UTR3	OPA3	NA	NA	NA	NA	rs10422253	NA
chr19	46052048	46052048	-	TTATTTAT	UTR3	OPA3	NA	NA	NA	NA	NA	NA
chr19	46133251	46133251	C	T	exonic	EML2	synonymous SNV	i.S188S,EML2:NM_001193268:exon10:c.G1167A:p.S389S,EML2:NM_00	NA	NA	rs7251952	NA
chr19	46133256	46133256	G	A	exonic	EML2	nonsynonymous SNV	o.L187F,EML2:NM_001193268:exon10:c.C1162T:p.L388F,EML2:NM_00	NA	NA	rs7252175	D

chr19	46273463	46273507	AGCAGCA	-	UTR3	DMPK	NA	NA	NA	NA	NA
chr19	46286335	46286335	T	G	UTR3	DMWD	NA	NA	NA	NA	NA
chr19	46442771	46442771	G	A	UTR3	NOVA2	NA	NA	NA	NA	NA
chr19	46823751	46823751	C	T	exonic	HIF3A	synonymous SNV	_152796:exon8:c.C870T;p.H290H,HIF3A:NM_152794:exon9:c.C1071T:	NA	rs3764610	NA
chr19	46844456	46844456	T	-	UTR3	HIF3A	NA	NA	NA	rs71769965	NA
chr19	47113764	47113764	G	C	UTR3	CALM3	NA	NA	NA	NA	NA
chr19	47507174	47507175	CG	-	UTR3	ARHGAP35	NA	NA	NA	NA	NA
chr19	47774988	47775001	CGCGCGCG	-	UTR3	CCDC9	NA	NA	NA	NA	NA
chr19	48183771	48183771	C	T	exonic	GLTSCR1	synonymous SNV	GLTSCR1:NM_015711:exon6:c.C1344T:p.S448S	NA	rs1035938	NA
chr19	48984071	48984071	C	G	UTR3	CYTH2	NA	NA	NA	NA	NA
chr19	49891522	49891522	A	G	UTR5	CCDC155	NA	NA	NA	rs9304684	NA
chr19	52273531	52273531	G	A	UTR3	FPR2	NA	NA	NA	NA	NA
chr19	52495250	52495250	A	G	UTR3	ZNF615	NA	NA	NA	rs188828596	NA
chr19	52723101	52723101	T	C	exonic	PPP2R1A	nonsynonymous SNV	PPP2R1A:NM_014225:exon10:c.T1286C:p.L429P	NA	NA	B
chr19	53381523	53381523	G	A	UTR3	ZNF320	NA	NA	NA	rs12978427	NA
chr19	53431263	53431263	C	T	ncRNA_exonic	ZNF321P	NA	NA	NA	rs7250706	NA
chr19	53946857	53946857	C	G	ncRNA_exonic	TPM3P9	NA	NA	NA	rs75274020	NA
chr19	54378026	54378027	TT	-	UTR3	MYADM	NA	NA	NA	NA	NA
chr19	54378031	54378031	T	C	UTR3	MYADM	NA	NA	NA	NA	NA
chr19	54725798	54725798	G	T	exonic	LILRB3	nonsynonymous SNV	_001081450:exon4:c.C560A:p.T187N,LILRB3:NM_006864:exon4:c.C56=COSM1158374;OCCURENCE=1(pancre	rs1052968	B	NA
chr19	54725835	54725835	G	C	exonic	LILRB3	nonsynonymous SNV	_001081450:exon4:c.C523G:p.R175G,LILRB3:NM_006864:exon4:c.C52	NA	rs201948566	B
chr19	54742303	54742303	C	T	UTR3	LILRA6	NA	NA	NA	rs71365449	NA
chr19	54744732	54744732	G	A	exonic	LILRA6	synonymous SNV	LILRA6:NM_024318:exon5:c.C930T:p.S310S	NA	rs79245076	NA
chr19	54818552	54818552	G	-	UTR3	LILRA5	NA	NA	NA	NA	NA
chr19	54818578	54818578	G	A	UTR3	LILRA5	NA	NA	NA	NA	NA
chr19	55255290	55255290	C	T	exonic	KIR2DL3	synonymous SNV	KIR2DL3:NM_015868:exon4:c.C418T:p.L140L	NA	rs662465	NA
chr19	55255377	55255377	C	T	exonic	KIR2DL3	nonsynonymous SNV	KIR2DL3:NM_015868:exon4:c.C505T:p.R169C	ID=COSM321260;OCCURENCE=1(lung)	rs200686594	NA
chr19	55255534	55255534	C	T	exonic	KIR2DL3	nonsynonymous SNV	KIR2DL3:NM_015868:exon4:c.C662T:p.T221I	NA	rs150145497	NA
chr19	55286864	55286864	A	C	exonic	KIR2DL1	synonymous SNV	KIR2DL1:NM_014218:exon4:c.A618C:p.P206P	NA	rs201422291	NA
chr19	55324674	55324674	-	A	exonic	KIR2DL4,LOC100287534	frameshift insertion	KIR2DL4:NM_001080772:exon6:c.801_802insA:p.S267fs	NA	rs11371265	NA
chr19	55328993	55328993	G	C	exonic	KIR3DL1	nonsynonymous SNV	KIR3DL1:NM_013289:exon2:c.G39C:p.L13F	NA	rs1142881	NA
chr19	55329021	55329021	A	G	exonic	KIR3DL1	nonsynonymous SNV	KIR3DL1:NM_013289:exon2:c.A67G:p.M23V	NA	rs1142882	NA
chr19	55358734	55358734	G	A	exonic	KIR2DS4	unknown	UNKNOWN	NA	rs150361840	NA
chr19	55359234	55359234	A	G	exonic	KIR2DS4	unknown	UNKNOWN	NA	rs113921547	NA
chr19	55360023	55360023	G	C	UTR3	KIR2DS4	NA	NA	NA	NA	NA
chr19	55607307	55607307	T	G	exonic	PPP1R12C	nonsynonymous SNV	001271618:exon9:c.A1155C;p.E385D,PPP1R12C:NM_017607:exon9:c./	NA	NA	P
chr19	55861504	55861504	T	A	UTR3	COX6B2	NA	NA	NA	rs56986472	NA
chr19	55866173	55866173	C	A	UTR5	COX6B2	NA	NA	NA	NA	NA
chr19	55876654	55876654	G	C	UTR3	IL11	NA	NA	NA	rs4252561	NA
chr19	55941938	55941938	A	G	UTR3	SHISA7	NA	NA	NA	NA	NA
chr19	56274453	56274453	G	A	exonic	RFPL4A	nonsynonymous SNV	RFPL4A:NM_001145014:exon3:c.G776A:p.G259E	=COSM148754;OCCURENCE=1(stomac	rs12463244	NA
chr19	56652592	56652592	G	A	UTR5	ZNF444	NA	NA	NA	rs3745836	NA
chr19	56889273	56889273	-	AGTCCTTT	ncRNA_exonic	ZNF542	NA	NA	NA	rs11280846	NA
chr19	57732640	57732640	A	C	UTR3	ZNF264	NA	NA	NA	NA	NA
chr19	58383178	58383178	A	-	UTR3	ZNF814	NA	NA	NA	NA	NA
chr19	58386285	58386285	G	A	exonic	ZNF814	nonsynonymous SNV	ZNF814:NM_001144989:exon3:c.C473T:p.A158V	NA	rs2375155	NA
chr19	58963018	58963018	C	G	UTR5	ZNF324B	NA	NA	NA	rs893187	NA
chr20	309179	309179	T	A	UTR3	SOX12	NA	NA	NA	NA	NA
chr20	309180	309180	T	A	UTR3	SOX12	NA	NA	NA	NA	NA
chr20	309181	309181	T	G	UTR3	SOX12	NA	NA	NA	NA	NA
chr20	628742	628742	G	A	UTR3	SRXN1	NA	NA	NA	rs41282132	NA
chr20	1895794	1895794	G	A	exonic	SIRPA	synonymous SNV	i129A;p.V43V,SIRPA:NM_001040022:exon3:c.G129A;p.V43V,SIRPA:NM	NA	rs1135192	NA
chr20	1895796	1895796	T	C	exonic	SIRPA	nonsynonymous SNV	.T131C;p.L44S,SIRPA:NM_001040022:exon3:c.T131C;p.L44S,SIRPA:NM	NA	rs143735290	B
chr20	1895813	1895813	A	T	exonic	SIRPA	nonsynonymous SNV	A148T;p.T50S,SIRPA:NM_001040022:exon3:c.A148T;p.T50S,SIRPA:NM	NA	rs17855609	B
chr20	1895815	1895815	A	G	exonic	SIRPA	synonymous SNV	\150G;p.T50T,SIRPA:NM_001040022:exon3:c.A150G;p.T50T,SIRPA:NM	NA	rs17853846	NA
chr20	3856254	3856254	C	G	UTR3	MAVS	NA	NA	NA	NA	NA
chr20	4706509	4706510	TT	-	UTR3	PRND	NA	NA	NA	NA	NA
chr20	4706782	4706782	-	TTTTTT	UTR3	PRND	NA	NA	NA	NA	NA
chr20	5454959	5454959	G	A	ncRNA_exonic	LOC643406	NA	NA	NA	rs501565	NA
chr20	5456942	5456942	A	T	ncRNA_exonic	LOC643406	NA	NA	NA	rs113222187	NA
chr20	17971045	17971045	A	G	UTR3	MGME1	NA	NA	NA	NA	NA
chr20	19982007	19982010	TTTT	-	UTR3	RIN2	NA	NA	NA	NA	NA
chr20	25262727	25262727	A	C	exonic	PYGB	nonsynonymous SNV	PYGB:NM_002862:exon12:c.A1462C:p.T488P	NA	NA	D
chr20	25595952	25595952	A	-	UTR3	NANP	NA	NA	NA	NA	NA
chr20	25753637	25753637	C	G	ncRNA_exonic	FAM182B	NA	NA	NA	rs75733040	NA
chr20	25753646	25753646	G	C	ncRNA_exonic	FAM182B	NA	NA	NA	rs78538493	NA

chr20	25753853	25753853	A	G	ncRNA_exonic	FAM182B	NA	NA	NA	rs76897919	NA
chr20	25754607	25754607	C	A	ncRNA_exonic	FAM182B	NA	NA	NA	rs115482967	NA
chr20	25754620	25754620	A	G	ncRNA_exonic	FAM182B	NA	NA	NA	NA	NA
chr20	25754622	25754622	A	G	ncRNA_exonic	FAM182B	NA	NA	NA	NA	NA
chr20	25754689	25754689	T	C	ncRNA_exonic	FAM182B	NA	NA	NA	rs79458516	NA
chr20	25754756	25754756	G	A	ncRNA_exonic	FAM182B	NA	NA	NA	rs76339741	NA
chr20	25754774	25754774	A	C	ncRNA_exonic	FAM182B	NA	NA	NA	NA	NA
chr20	25754782	25754782	G	T	ncRNA_exonic	FAM182B	NA	NA	NA	NA	NA
chr20	25755751	25755751	G	A	ncRNA_exonic	FAM182B	NA	NA	NA	NA	NA
chr20	25755770	25755770	C	G	ncRNA_exonic	FAM182B	NA	NA	NA	NA	NA
chr20	26063630	26063630	C	T	ncRNA_exonic	FAM182A	NA	NA	NA	NA	NA
chr20	26063651	26063651	A	G	ncRNA_exonic	FAM182A	NA	NA	NA	NA	NA
chr20	26064144	26064144	T	C	ncRNA_exonic	FAM182A	NA	NA	NA	NA	NA
chr20	26064389	26064389	A	T	ncRNA_exonic	FAM182A	NA	NA	NA	rs200923238	NA
chr20	26064397	26064397	G	C	ncRNA_exonic	FAM182A	NA	NA	NA	rs112883466	NA
chr20	26064961	26064961	G	C	ncRNA_exonic	FAM182A	NA	NA	NA	NA	NA
chr20	26084296	26084296	A	G	ncRNA_exonic	NCOR1P1	NA	NA	D=COSM477938;OCCURENCE=1(kidney	rs1998943	NA
chr20	29611898	29611898	G	C	ncRNA_exonic	FRG1B	NA	NA	NA	NA	NA
chr20	29611950	29611950	C	T	ncRNA_exonic	FRG1B	NA	NA	NA	NA	NA
chr20	29612047	29612047	-	G	ncRNA_exonic	FRG1B	NA	NA	NA	NA	NA
chr20	29612048	29612048	-	CTTC	ncRNA_exonic	FRG1B	NA	NA	NA	NA	NA
chr20	29612050	29612050	-	CGA	ncRNA_exonic	FRG1B	NA	NA	NA	NA	NA
chr20	29612052	29612052	C	T	ncRNA_exonic	FRG1B	NA	NA	NA	NA	NA
chr20	29612063	29612063	T	C	ncRNA_exonic	FRG1B	NA	NA	NA	NA	NA
chr20	29612087	29612087	C	T	ncRNA_exonic	FRG1B	NA	NA	NA	rs199702451	NA
chr20	30921472	30921472	G	A	UTR3	KIF3B	NA	NA	NA	NA	NA
chr20	32664864	32664864	-	CAG	exonic	RALY	nonframeshift insertion	7:c.641_642insCAG;p.A214delinsAS,RALY:NM_016732:exon8:c.689_69	NA	rs10649600	NA
chr20	33098206	33098206	C	T	UTR3	ITCH	NA	NA	NA	NA	NA
chr20	34818695	34818695	T	-	UTR3	EPB41L1	NA	NA	NA	NA	NA
chr20	35401969	35401969	T	G	UTR5	DSN1	NA	NA	NA	NA	NA
chr20	36845738	36845738	C	T	exonic	KIAA1755	nonsynonymous SNV	KIAA1755:NM_001029864:exon13:c.G2818A:p.E940K	NA	rs760998	B
chr20	40706453	40706453	-	TTTT	UTR3	PTPRT	NA	NA	NA	NA	NA
chr20	43955092	43955092	C	A	UTR3	SDC4	NA	NA	NA	NA	NA
chr20	43955096	43955096	C	A	UTR3	SDC4	NA	NA	NA	NA	NA
chr20	48251231	48251231	T	C	UTR3	B4GALT5	NA	NA	NA	rs235033	NA
chr20	48251757	48251757	C	T	UTR3	B4GALT5	NA	NA	NA	NA	NA
chr20	48251758	48251758	A	C	UTR3	B4GALT5	NA	NA	NA	NA	NA
chr20	48251759	48251759	C	G	UTR3	B4GALT5	NA	NA	NA	NA	NA
chr20	49367485	49367485	A	T	UTR3	PARD6B	NA	NA	NA	NA	NA
chr20	49367490	49367490	G	T	UTR3	PARD6B	NA	NA	NA	NA	NA
chr20	49367491	49367491	A	T	UTR3	PARD6B	NA	NA	NA	NA	NA
chr20	49367817	49367817	-	A	UTR3	PARD6B	NA	NA	NA	rs149372097	NA
chr20	51589531	51589531	G	A	UTR5	TSHZ2	NA	NA	NA	NA	NA
chr20	52560855	52560855	TT	-	UTR3	BCAS1	NA	NA	NA	rs74631158	NA
chr20	55213716	55213716	TT	-	UTR3	TFAP2C	NA	NA	NA	NA	NA
chr20	60709499	60709499	C	T	UTR3	LSM14B	NA	NA	NA	NA	NA
chr20	60790986	60790986	T	G	UTR3	HRH3	NA	NA	NA	NA	NA
chr20	61145196	61145196	G	A	ncRNA_exonic	C20orf166-AS1	NA	NA	NA	rs12479469	NA
chr20	61732921	61732921	T	C	ncRNA_exonic	HAR1A	NA	NA	NA	rs73147778	NA
chr20	61733110	61733110	C	T	ncRNA_exonic	HAR1A	NA	NA	NA	rs6122370	NA
chr20	61888686	61888686	A	G	ncRNA_exonic	FLJ16779	NA	NA	NA	NA	NA
chr20	61888896	61888896	A	G	ncRNA_exonic	FLJ16779	NA	NA	NA	rs35166508	NA
chr20	61888957	61888957	T	C	ncRNA_exonic	FLJ16779	NA	NA	NA	rs62207452	NA
chr20	62374441	62374441	T	C	UTR3	SLC2A4RG	NA	NA	NA	rs6742	NA
chr20	62563531	62563531	T	G	UTR3	DNAJC5	NA	NA	NA	NA	NA
chr21	9909179	9909179	C	A	ncRNA_exonic	TEKT4P2	NA	NA	NA	rs1052872	NA
chr21	9909208	9909208	C	T	ncRNA_exonic	TEKT4P2	NA	NA	NA	rs4061664	NA
chr21	9909218	9909218	G	A	ncRNA_exonic	TEKT4P2	NA	NA	NA	rs1052870	NA
chr21	9909219	9909219	T	C	ncRNA_exonic	TEKT4P2	NA	NA	NA	rs1052868	NA
chr21	10942995	10942995	G	A	exonic	TPTE	stopgain SNV	78T:p.R160X,TPTE:NM_199259:exon11:c.C538T;p.R180X,TPTE:NM_19 ID=COSM376393;OCCURENCE=2(lung)	rs147014138	NA	NA
chr21	14414855	14414855	A	G	ncRNA_exonic	ANKRD30BP2	NA	NA	NA	rs201948955	NA
chr21	15481168	15481168	C	A	UTR3	LIPI	NA	NA	NA	rs62208635	NA
chr21	28338423	28338423	C	G	exonic	ADAMTSS5	synonymous SNV	ADAMTSS5:NM_007038:exon1:c.G288C:p.R96R	NA	rs55933916	NA
chr21	28338953	28338953	G	-	UTR5	ADAMTSS5	NA	NA	NA	NA	NA
chr21	28339012	28339012	T	A	UTR5	ADAMTSS5	NA	NA	NA	NA	NA
chr21	28339031	28339031	C	A	UTR5	ADAMTSS5	NA	NA	NA	NA	NA

chr21	30445948	30445948	G	A	UTR5	CCT8	NA	NA	NA	rs2070610	NA
chr21	32491788	32491788	-	A	UTR3	TIAM1	NA	NA	NA	rs113766273	NA
chr21	34809434	34809434	T	-	UTR3	IFNGR2	NA	NA	NA	rs71657077	NA
chr21	38081480	38081480	C	T	exonic	SIM2	nonsynonymous SNV	NM_005069:exon2:c.C188T;p.A63V,SIM2:NM_009586:exon2:c.C188T;p	NA	rs116988298	B
chr21	40562156	40562156	-	T	UTR3	BRWD1	NA	NA	NA	rs5843953	NA
chr21	42551319	42551319	T	G	exonic	PLAC4	synonymous SNV	PLAC4:NM_182832:exon1:c.A237C;p.S79S	NA	NA	NA
chr21	43099670	43099670	T	C	ncRNA_exonic	LINC00111	NA	NA	NA	rs73216940	NA
chr21	44838931	44838931	A	G	exonic	SIK1	nonsynonymous SNV	SIK1:NM_173354:exon11:c.T1432C;p.S478P	NA	NA	P
chr21	44838946	44838946	T	G	exonic	SIK1	nonsynonymous SNV	SIK1:NM_173354:exon11:c.A1417C;p.T473P	NA	NA	B
chr21	45553596	45553596	T	C	exonic	C21orf33	nonsynonymous SNV	3:NM_004649:exon1:c.T17C;p.V6A,C21orf33:NM_198155:exon1:c.T17	NA	rs968714	NA
chr21	45564932	45564932	T	-	UTR3	C21orf33	NA	NA	NA	rs6662664	NA
chr21	45953778	45953778	G	T	exonic	TSPEAR	nonsynonymous SNV	1_144991:exon3:c.C332A;p.A111E,TSPEAR:NM_001272037:exon4:c.C1	NA	NA	B
chr21	46711357	46711357	T	C	ncRNA_exonic	LOC642852	NA	NA	NA	rs4819053	NA
chr21	47532093	47532093	G	A	exonic	COL6A2	nonsynonymous SNV	.6A:p.E106K,COL6A2:NM_058174:exon3:c.G316A;p.E106K,COL6A2:NM	NA	rs141703710	D
chr21	47721985	47721985	-	TGG	exonic	C21orf58	nonframeshift insertion	C21orf58:NM_058180:exon8:c.897_898insCCA;p.H299delinsHH	NA	rs71318063	NA
chr22	18778584	18778584	A	G	ncRNA_exonic	GGT3P	NA	NA	NA	rs3984302	NA
chr22	18900641	18900641	T	G	UTR3	PRODH	NA	NA	NA	NA	NA
chr22	18900645	18900645	C	G	UTR3	PRODH	NA	NA	NA	NA	NA
chr22	18978385	18978385	A	C	ncRNA_exonic	DGCR5	NA	NA	NA	NA	NA
chr22	19189003	19189003	-	C	exonic	CLTCL1	frameshift insertion	on23:c.3602_3603insG;p.V1201fs,CLTCL1:NM_007098:exon23:c.360	NA	rs78649162	NA
chr22	19492888	19492888	G	A	exonic	CDC45	nonsynonymous SNV	1A:p.M190I,CDC45:NM_003504:exon10:c.G708A;p.M236I,CDC45:NM_	NA	NA	B
chr22	19511055	19511055	C	A	UTR3	CLDN5	NA	NA	NA	rs756654	NA
chr22	19834263	19834263	C	A	UTR3	C22orf29	NA	NA	NA	NA	NA
chr22	20385740	20385743	TGTC	-	ncRNA_exonic	PI4KAP1	NA	NA	NA	rs146242498	NA
chr22	21044156	21044156	C	A	ncRNA_exonic	POM121L4P	NA	NA	NA	rs192873282	NA
chr22	21638467	21638467	C	T	ncRNA_exonic	POM121L8P	NA	NA	NA	rs201227017	NA
chr22	21647455	21647455	G	A	ncRNA_exonic	POM121L8P	NA	NA	NA	rs140413	NA
chr22	21649095	21649095	C	-	ncRNA_exonic	POM121L8P	NA	NA	NA	NA	NA
chr22	21838339	21838339	C	T	ncRNA_exonic	PI4KAP2	NA	NA	NA	rs201760046	NA
chr22	22311882	22311882	G	A	exonic	TOP3B	synonymous SNV	TOP3B:NM_003935:exon18:c.C2193T;p.S731S	NA	rs145256528	NA
chr22	22874497	22874497	A	G	UTR5	ZNF280A	NA	NA	NA	rs4822091	NA
chr22	24227246	24227246	A	C	UTR3	SLC2A11	NA	NA	NA	rs6003939	NA
chr22	24314148	24314148	A	C	UTR3	DDTL	NA	NA	NA	NA	NA
chr22	24314187	24314187	G	C	UTR3	DDTL	NA	NA	NA	NA	NA
chr22	24659734	24659734	T	C	ncRNA_exonic	POM121L9P	NA	NA	NA	NA	NA
chr22	24659741	24659741	G	A	ncRNA_exonic	POM121L9P	NA	NA	NA	NA	NA
chr22	24981641	24981641	T	G	UTR3	FAM211B	NA	NA	NA	NA	NA
chr22	25023893	25023893	G	A	exonic	GGT1	nonsynonymous SNV	001032365:exon13:c.G1283A;p.S428N,GGT1:NM_005265:exon13:c.G::OSM137241;OCCURENCE=7(kidney),1(	NA	rs201313233	B
chr22	25042887	25042887	G	A	ncRNA_exonic	POM121L10P	NA	NA	NA	rs75939659	NA
chr22	25044743	25044743	A	G	ncRNA_exonic	POM121L10P	NA	NA	NA	rs71242990	NA
chr22	25264460	25264460	T	C	exonic	SGSM1	nonsynonymous SNV	01098497:exon11:c.T1112C;p.L371P,SGSM1:NM_001098498:exon11:	NA	NA	NA
chr22	25603066	25603066	C	G	exonic	CRYBB3	nonsynonymous SNV	CRYBB3:NM_004076:exon6:c.C523G;p.R175G	NA	NA	P
chr22	26847960	26847974	TGCGCGCG	GCA	UTR3	HPS4	NA	NA	NA	NA	NA
chr22	27066019	27066019	-	T	ncRNA_exonic	MIAT	NA	NA	NA	NA	NA
chr22	29885823	29885823	A	T	exonic	NEFH	nonsynonymous SNV	NEFH:NM_021076:exon4:c.A2194T;p.T732S	NA	rs145125701	NA
chr22	29932727	29932727	C	A	exonic	THOC5	nonsynonymous SNV	_003678:exon7:c.G600T;p.R200S,THOC5:NM_001002877:exon8:c.G60	NA	NA	P
chr22	30221159	30221159	G	A	exonic	ASCC2	nonsynonymous SNV	1_001242906:exon3:c.C169T;p.P57S,ASCC2:NM_032204:exon4:c.C328	NA	NA	B
chr22	31677586	31677586	T	-	UTR3	PIK3IP1	NA	NA	NA	rs11301764	NA
chr22	32353392	32353392	T	-	UTR3	YWHAH	NA	NA	NA	rs71790951	NA
chr22	33256901	33256901	T	-	UTR3	TIMP3	NA	NA	NA	NA	NA
chr22	36587952	36587952	C	T	exonic	APOL4	unknown	UNKNOWN	NA	rs2227169	NA
chr22	36662951	36662951	A	-	UTR3	APOL1	NA	NA	NA	rs11321251	NA
chr22	38120503	38120503	G	A	exonic	TRIOBP	nonsynonymous SNV	TRIOBP:NM_001039141:exon7:c.G1940A;p.S647N	NA	NA	B
chr22	38823832	38823832	A	C	exonic	KCNJ4	synonymous SNV	4_004981:exon2:c.T306G;p.G102G,KCNJ4:NM_152868:exon2:c.T306G	NA	NA	NA
chr22	39414807	39414807	C	A	UTR3	APOBEC3C	NA	NA	NA	NA	NA
chr22	40720295	40720295	T	-	UTR3	TNRC6B	NA	NA	NA	rs71722737	NA
chr22	42524795	42524795	A	G	exonic	CYP2D6	synonymous SNV	1_001025161:exon3:c.T504C;p.F168F,CYP2D6:NM_000106:exon4:c.T6!	NA	rs28371713	NA
chr22	46436143	46436143	-	T	ncRNA_exonic	LOC100271722	NA	NA	NA	NA	NA
chr22	46712068	46712068	C	A	exonic	GTSE1	synonymous SNV	GTSE1:NM_016426:exon7:c.C1191A;p.A397A	NA	NA	NA
chr22	50655686	50655686	C	G	exonic	SELO	unknown	UNKNOWN	NA	NA	B
chrX	3523054	3523057	ACAC	-	UTR3	PRKX	NA	NA	NA	NA	NA
chrX	5810090	5810090	A	G	UTR3	NLGN4X	NA	NA	NA	rs3810685	NA
chrX	7269977	7269977	A	-	UTR3	STS	NA	NA	NA	NA	NA
chrX	7272225	7272225	G	A	UTR3	STS	NA	NA	NA	rs13648	NA
chrX	7811747	7811747	T	C	exonic	VCX	nonsynonymous SNV	VCX:NM_013452:exon3:c.T311C;p.L104P	NA	rs71247277	NA
chrX	8434161	8434161	G	A	exonic	VCX3B	nonsynonymous SNV	VCX3B:NM_001001888:exon3:c.G478A;p.V160M	NA	rs6640132	NA

chrX	10416148	10416148	T	-	UTR3	MID1	NA	NA	NA	NA	NA
chrX	12841434	12841434	C	T	UTR3	PRPS2	NA	NA	NA	NA	NA
chrX	15511350	15511350	T	G	UTR5	PIR	NA	NA	NA	NA	NA
chrX	19552343	19552343	G	T	UTR3	SH3KBP1	NA	NA	NA	NA	NA
chrX	20134980	20134980	G	A	exonic	MAP7D2	synonymous SNV	.C18T:p.G6G,MAP7D2:NM_001168466:exon1:c.C18T:p.G6G,MAP7D2:	NA	rs17523345	NA
chrX	23761386	23761386	C	G	UTR5	ACOT9	NA	NA	NA	rs5925605	NA
chrX	30748293	30748293	T	C	UTR3	GK	NA	NA	NA	rs5972221	NA
chrX	30748338	30748338	T	C	UTR3	GK	NA	NA	NA	rs73452162	NA
chrX	31196550	31196550	T	-	UTR3	DMD	NA	NA	NA	rs11333372	NA
chrX	35816613	35816613	G	A	UTR5	MAGEB16	NA	NA	NA	rs138684392	NA
chrX	37027663	37027663	A	C	exonic	FAM47C	nonsynonymous SNV	FAM47C:NM_001013736:exon1:c.A1180C:p.T394P	NA	NA	NA
chrX	37027874	37027874	T	C	exonic	FAM47C	nonsynonymous SNV	FAM47C:NM_001013736:exon1:c.T1391C:p.L464P	NA	NA	NA
chrX	37028069	37028069	T	C	exonic	FAM47C	nonsynonymous SNV	FAM47C:NM_001013736:exon1:c.T1586C:p.I529T	NA	NA	NA
chrX	37028182	37028182	A	G	exonic	FAM47C	nonsynonymous SNV	FAM47C:NM_001013736:exon1:c.A1699G:p.M567V	NA	NA	NA
chrX	37028402	37028402	A	C	exonic	FAM47C	nonsynonymous SNV	FAM47C:NM_001013736:exon1:c.A1919C:p.Y640S	NA	NA	NA
chrX	38664818	38664818	T	-	UTR3	MID1IP1	NA	NA	NA	NA	NA
chrX	41093299	41093299	T	-	UTR3	USP9X	NA	NA	NA	NA	NA
chrX	46358117	46358117	C	T	UTR3	ZNF674	NA	NA	NA	rs55678135	NA
chrX	47107351	47107351	A	-	UTR3	USP11	NA	NA	NA	NA	NA
chrX	48457034	48457034	-	C	UTR5	WDR13	NA	NA	NA	NA	NA
chrX	48925016	48925016	G	A	exonic	CCDC120	nonsynonymous SNV	J1163323:exon10:c.G1225A:p.A409T,CCDC120:NM_001271835:exon1	NA	NA	P
chrX	49178517	49178517	T	C	UTR5	GAGE12J	NA	NA	NA	NA	NA
chrX	53405283	53405283	C	A	UTR3	SMC1A	NA	NA	NA	NA	NA
chrX	54222891	54222891	-	A	UTR3	WNK3	NA	NA	NA	NA	NA
chrX	54224160	54224160	-	A	UTR3	WNK3	NA	NA	NA	NA	NA
chrX	54587505	54587506	AA	-	UTR3	GNL3L	NA	NA	NA	rs148333990	NA
chrX	55172630	55172630	G	A	exonic	FAM104B	stopgain SNV	A_001166701:exon3:c.C235T:p.Q79X,FAM104B:NM_001166702:exon3	NA	rs113263757	NA
chrX	55478566	55478566	G	T	UTR5	MAGEH1	NA	NA	NA	NA	NA
chrX	68836245	68836245	T	C	exonic	EDA	synonymous SNV	:c.T93C:p.P31P,EDA:NM_001005612:exon1:c.T93C:p.P31P,EDA:NM_0	NA	NA	NA
chrX	70387344	70387344	A	C	exonic	NLGN3	nonsynonymous SNV	:!77C:p.N426T,NLGN3:NM_018977:exon6:c.A1337C:p.N446T,NLGN3:NI	NA	NA	D
chrX	70520238	70520238	T	-	ncRNA_UTR3	NONO	NA	NA	NA	rs34459863	NA
chrX	72297562	72297565	ACAC	-	UTR3	PABPC1L2A	NA	NA	NA	NA	NA
chrX	72298326	72298326	T	C	UTR3	PABPC1L2A	NA	NA	NA	rs182890337	NA
chrX	72346969	72346969	A	C	ncRNA_exonic	NAP1L6	NA	NA	NA	NA	NA
chrX	74590359	74590368	TTTTTTTTTT	-	UTR3	ZDHHC15	NA	NA	NA	NA	NA
chrX	77268407	77268407	C	A	exonic	ATP7A	nonsynonymous SNV	ATP7A:NM_000052:exon10:c.C2204A:p.A735D	NA	NA	D
chrX	86924601	86924601	A	-	UTR3	KLHL4	NA	NA	NA	NA	NA
chrX	1.09E+08	1.09E+08	T	-	UTR3	TMEM164	NA	NA	NA	rs34813944	NA
chrX	1.1E+08	1.1E+08	C	T	UTR3	CHRDL1	NA	NA	NA	rs12007691	NA
chrX	1.1E+08	1.1E+08	A	-	downstream	PAK3	NA	NA	NA	rs67997504	NA
chrX	1.11E+08	1.11E+08	AA	-	UTR3	DCX	NA	NA	NA	NA	NA
chrX	1.2E+08	1.2E+08	GT	-	UTR3	MCTS1	NA	NA	NA	rs10563395	NA
chrX	1.31E+08	1.31E+08	GAGAGAGA	-	UTR3	RAP2C	NA	NA	NA	NA	NA
chrX	1.31E+08	1.31E+08	C	A	UTR3	RAP2C	NA	NA	NA	rs200211416	NA
chrX	1.36E+08	1.36E+08	T	C	exonic	RBMX	synonymous SNV	RBMX:NM_002139:exon5:c.A507G:p.G169G	NA	rs112800567	NA
chrX	1.36E+08	1.36E+08	G	C	exonic	RBMX	nonsynonymous SNV	RBMX:NM_002139:exon5:c.C499G:p.P167A	NA	rs112089728	D
chrX	1.36E+08	1.36E+08	C	A	exonic	RBMX	nonsynonymous SNV	RBMX:NM_002139:exon5:c.G473T:p.G158V	NA	rs78702689	B
chrX	1.41E+08	1.41E+08	A	T	exonic	MAGEC1	synonymous SNV	MAGEC1:NM_005462:exon4:c.A591T:p.P197P	NA	rs151047723	NA
chrX	1.41E+08	1.41E+08	A	-	UTR3	MAGEC2	NA	NA	NA	NA	NA
chrX	1.45E+08	1.45E+08	TTTT	-	UTR3	SLITRK2	NA	NA	NA	NA	NA
chrX	1.5E+08	1.5E+08	C	A	exonic	MAMLD1	nonsynonymous SNV	IA:p.T125N,MAMLD1:NM_001177465:exon3:c.C374A:p.T125N,MAMLI	NA	NA	P
chrX	1.53E+08	1.53E+08	T	C	UTR3	BGN	NA	NA	NA	rs1126598	NA
chrX	1.53E+08	1.53E+08	AACCGCC/	-	UTR3	BGN	NA	NA	NA	rs71869600	NA
chrX	1.53E+08	1.53E+08	T	G	UTR3	DUSP9	NA	NA	NA	NA	NA
chrX	1.53E+08	1.53E+08	T	G	UTR3	HCF1	NA	NA	COSN414031;OCCURENCE=1(urinary_tr	NA	NA
chrX	1.53E+08	1.53E+08	T	G	exonic	OPN1LW	nonsynonymous SNV	OPN1LW:NM_020061:exon3:c.T538G:p.S180A	NA	rs949431	B
chr1	14699	14699	C	G	ncRNA_exonic	WASH7P	NA	NA	NA	rs11490464	NA
chr1	15817	15817	G	T	ncRNA_exonic	WASH7P	NA	NA	NA	rs2691316	NA
chr1	15820	15820	G	T	ncRNA_exonic	WASH7P	NA	NA	NA	rs200482301	NA
chr1	17626	17626	G	A	ncRNA_exonic	WASH7P	NA	NA	NA	rs11555814	NA
chr1	17697	17697	G	C	ncRNA_exonic	WASH7P	NA	NA	NA	rs71260069	NA
chr1	69511	69511	A	G	exonic	OR4F5	nonsynonymous SNV	OR4F5:NM_001005484:exon1:c.A421G:p.T141A	NA	rs2691305	B
chr1	789141	789141	G	C	ncRNA_exonic	LOC643837	NA	NA	NA	rs111606675	NA
chr1	900718	900721	TTAT	-	UTR3	KLHL17	NA	NA	NA	rs142545439	NA
chr1	985362	985362	G	T	exonic	AGRN	nonsynonymous SNV	AGRN:NM_198576:exon27:c.G4824T:p.E1608D	NA	NA	B
chr1	1019753	1019753	A	G	exonic	C1orf159	nonsynonymous SNV	C1orf159:NM_017891:exon9:c.T482C:p.I161T	NA	NA	P

chr1	1139202	1139202	T	C	exonic	TNFRSF18	synonymous SNV	TNFRSF18:NM_148901:exon4:c.A537G:p.P179P	NA	rs2298213	NA
chr1	1263689	1263689	T	G	UTR3	GLTPD1	NA	NA	NA	NA	NA
chr1	1310668	1310668	A	C	UTR5	AURKAIP1	NA	NA	NA	rs2242398	NA
chr1	1650801	1650801	T	C	exonic	CDK11A,CDK11B	synonymous SNV	CDK11A:NM_001212121:exon4:c.A321G:p.E107E,CDK11B:NM_033493:exon4:c.A321G:p.E107E,CDK11A:NM_001212121:exon4:c.A321G:p.E107E	NA	rs1137004	NA
chr1	2120733	2120733	-	G	intronic	C1orf86	NA	NA	NA	rs146903099	NA
chr1	3319390	3319390	C	T	exonic	PRDM16	nonsynonymous SNV	PRDM16:NM_022114:exon6:c.C712T:p.L238F,PRDM16:NM_199454:exon6:c.C712T:p.L238F	NA	NA	NA
chr1	3352764	3352765	TT	-	UTR3	PRDM16	NA	NA	NA	NA	NA
chr1	3418391	3418391	C	T	exonic	MEGF6	synonymous SNV	MEGF6:NM_001409:exon18:c.G2283A:p.P761P	NA	rs4648508	NA
chr1	3656396	3656396	C	T	ncRNA_exonic	TP73-AS1	NA	NA	NA	NA	NA
chr1	3656558	3656558	T	C	ncRNA_exonic	TP73-AS1	NA	NA	NA	NA	NA
chr1	3656605	3656605	T	C	ncRNA_exonic	TP73-AS1	NA	NA	NA	NA	NA
chr1	3656637	3656637	T	A	ncRNA_exonic	TP73-AS1	NA	NA	NA	NA	NA
chr1	3696890	3696890	A	C	UTR3	LRRC47	NA	NA	NA	rs8379	NA
chr1	4472155	4472155	A	-	ncRNA_exonic	LOC284661	NA	NA	NA	rs34773421	NA
chr1	6308965	6308965	T	G	UTR3	GPR153	NA	NA	NA	NA	NA
chr1	6308981	6308981	A	G	UTR3	GPR153	NA	NA	NA	NA	NA
chr1	6501044	6501044	C	G	exonic	ESPN	synonymous SNV	ESPN:NM_031475:exon5:c.C909G:p.R303R	NA	rs2311045	NA
chr1	6526465	6526465	C	G	UTR3	PLEKHG5	NA	NA	NA	rs2986754	NA
chr1	6531124	6531124	T	C	exonic	PLEKHG5	nonsynonymous SNV	PLEKHG5:NM_001265594:exon13:c.A1318G:p.M440V,PLEKHG5:NM_020631:exon13:c.A1318G:p.M440V	NA	rs61740145	P
chr1	6531589	6531589	C	T	exonic	PLEKHG5	nonsynonymous SNV	PLEKHG5:NM_001265594:exon12:c.G1240A:p.A414T,PLEKHG5:NM_020631:exon12:c.G1240A:p.A414T	NA	rs74809741	B
chr1	6550505	6550505	C	T	UTR5	PLEKHG5	NA	NA	NA	rs11806429	NA
chr1	6682289	6682289	T	G	UTR3	PHF13	NA	NA	NA	NA	NA
chr1	7828174	7828175	AA	-	UTR3	CAMTA1	NA	NA	NA	NA	NA
chr1	7907805	7907805	-	T	UTR3	UTS2	NA	NA	NA	rs112820691	NA
chr1	9328298	9328298	A	-	UTR3	H6PD	NA	NA	NA	NA	NA
chr1	9780836	9780836	T	G	exonic	PIK3CD	nonsynonymous SNV	PIK3CD:NM_005026:exon13:c.T1558G:p.S520A	NA	rs201274224	B
chr1	9910659	9910659	G	A	UTR3	CTNNBIP1	NA	NA	NA	rs71643073	NA
chr1	11014118	11014118	C	T	exonic	C1orf127	nonsynonymous SNV	C1orf127:NM_001170754:exon10:c.G1057A:p.A353T	NA	rs45537241	P
chr1	11562913	11562913	C	T	exonic	PTCHD2	synonymous SNV	PTCHD2:NM_020780:exon3:c.C1275T:p.F425F	NA	rs60362998	NA
chr1	11796169	11796173	GGGCG	-	UTR5	AGTRAP	NA	NA	NA	rs146190997	NA
chr1	11846092	11846092	-	T	UTR3	MTHFR	NA	NA	NA	rs112870018	NA
chr1	12888545	12888545	C	T	UTR5	PRAMEF11	NA	NA	NA	rs2982101	NA
chr1	12888569	12888569	G	C	UTR5	PRAMEF11	NA	NA	NA	rs78453011	NA
chr1	12888595	12888595	G	C	UTR5	PRAMEF11	NA	NA	NA	rs76039145	NA
chr1	12919642	12919642	G	A	exonic	PRAMEF2	nonsynonymous SNV	PRAMEF2:NM_023014:exon3:c.G382A:p.A128T	NA	rs142476002	B
chr1	12919833	12919833	A	G	exonic	PRAMEF2	synonymous SNV	PRAMEF2:NM_023014:exon3:c.A573G:p.P191P	NA	NA	NA
chr1	12919840	12919840	T	C	exonic	PRAMEF2	nonsynonymous SNV	PRAMEF2:NM_023014:exon3:c.T580C:p.Y194H	NA	NA	B
chr1	12921127	12921127	A	G	exonic	PRAMEF2	synonymous SNV	PRAMEF2:NM_023014:exon4:c.A918G:p.L306L	NA	rs12139549	NA
chr1	12921136	12921136	C	T	exonic	PRAMEF2	synonymous SNV	PRAMEF2:NM_023014:exon4:c.C927T:p.D309D	NA	NA	NA
chr1	12921137	12921137	T	G	exonic	PRAMEF2	nonsynonymous SNV	PRAMEF2:NM_023014:exon4:c.T928G:p.L310V	NA	NA	B
chr1	12921635	12921635	G	A	UTR3	PRAMEF2	NA	NA	NA	rs144099057	NA
chr1	12939692	12939692	G	A	exonic	PRAMEF4	synonymous SNV	PRAMEF4:NM_001009611:exon4:c.C1110T:p.N370N	NA	rs142785237	NA
chr1	12939733	12939733	G	A	exonic	PRAMEF4	synonymous SNV	PRAMEF4:NM_001009611:exon4:c.C1069T:p.L357L	NA	rs11578354	NA
chr1	12939904	12939904	A	C	exonic	PRAMEF4	nonsynonymous SNV	PRAMEF4:NM_001009611:exon4:c.T898G:p.F300V	NA	rs148317829	NA
chr1	12942955	12942955	C	A	exonic	PRAMEF4	synonymous SNV	PRAMEF4:NM_001009611:exon2:c.G261T:p.L87L	NA	rs11581721	NA
chr1	12942963	12942963	C	T	exonic	PRAMEF4	nonsynonymous SNV	PRAMEF4:NM_001009611:exon2:c.G253A:p.D85N	NA	rs200120101	NA
chr1	12942981	12942981	C	T	exonic	PRAMEF4	nonsynonymous SNV	PRAMEF4:NM_001009611:exon2:c.G235A:p.A79T	NA	rs199923650	NA
chr1	12943042	12943042	C	T	exonic	PRAMEF4	synonymous SNV	PRAMEF4:NM_001009611:exon2:c.G174A:p.V58V	NA	rs148309168	NA
chr1	12954490	12954490	A	G	exonic	PRAMEF10	nonsynonymous SNV	PRAMEF10:NM_001039361:exon3:c.T793C:p.C265R	NA	rs149281133	P
chr1	13183213	13183213	T	A	exonic	LOC440563	synonymous SNV	LOC440563:NM_001136561:exon2:c.A660T:p.S220S	NA	rs28373323	NA
chr1	13183225	13183225	T	C	exonic	LOC440563	synonymous SNV	LOC440563:NM_001136561:exon2:c.A648G:p.K216K	NA	rs28634306	NA
chr1	13183228	13183228	C	T	exonic	LOC440563	synonymous SNV	LOC440563:NM_001136561:exon2:c.G645A:p.V215V	NA	rs144054379	NA
chr1	13183833	13183833	C	T	exonic	LOC440563	nonsynonymous SNV	LOC440563:NM_001136561:exon2:c.G40A:p.V14M	NA	rs115597766	NA
chr1	13328199	13328199	A	C	UTR3	PRAMEF3	NA	NA	NA	rs56684054	NA
chr1	13328239	13328239	C	A	UTR3	PRAMEF3	NA	NA	NA	rs28394386	NA
chr1	13328576	13328576	C	T	UTR3	PRAMEF3	NA	NA	NA	rs28538410	NA
chr1	13328729	13328729	A	G	UTR3	PRAMEF3	NA	NA	NA	rs60101915	NA
chr1	15438826	15438839	GTGTGTGT	-	ncRNA_exonic	TMEM51-AS1	NA	NA	NA	rs139705142	NA
chr1	15546873	15546874	AA	-	UTR3	TMEM51	NA	NA	NA	rs199943887	NA
chr1	15911597	15911597	A	G	UTR5	AGMAT	NA	NA	NA	rs6687585	NA
chr1	16111413	16111413	C	-	UTR3	FBLIM1	NA	NA	NA	rs149301626	NA
chr1	16160955	16160955	T	-	ncRNA_exonic	FLJ37453	NA	NA	NA	NA	NA
chr1	16162978	16162978	T	-	ncRNA_exonic	FLJ37453	NA	NA	NA	NA	NA
chr1	16375063	16375063	C	G	exonic	CLCNKB	nonsynonymous SNV	CLCNKB:NM_000085:exon7:c.C641G:p.A214G	NA	rs1889789	B
chr1	16375064	16375064	A	C	exonic	CLCNKB	synonymous SNV	CLCNKB:NM_000085:exon7:c.A642C:p.A214A	NA	rs1889790	NA
chr1	16890441	16890441	C	T	exonic	NBPF1	unknown	UNKNOWN	NA	rs3863779	NA

chr1	16892249	16892249	T	G	exonic	NBPF1	unknown	UNKNOWN	NA	rs201179082	NA
chr1	16905718	16905718	A	C	exonic	NBPF1	unknown	UNKNOWN	NA	rs10909417	NA
chr1	16915434	16915434	T	C	exonic	NBPF1	unknown	UNKNOWN	NA	rs202129231	NA
chr1	16945236	16945239	TTAT	-	ncRNA_exonic	CROCCP2	NA	NA	NA	NA	NA
chr1	16954981	16954981	C	A	ncRNA_exonic	CROCCP2	NA	NA	NA	rs10157498	NA
chr1	16974758	16974758	G	A	ncRNA_exonic	MST1P2	NA	NA	NA	rs28484638	NA
chr1	16974780	16974780	C	T	ncRNA_exonic	MST1P2	NA	NA	NA	rs28537673	NA
chr1	16975005	16975005	C	T	ncRNA_exonic	MST1P2	NA	NA	NA	rs75691517	NA
chr1	16975699	16975699	A	C	ncRNA_exonic	MST1P2	NA	NA	NA	rs11488480	NA
chr1	17023376	17023376	C	T	ncRNA_exonic	ESPNP	NA	NA	NA	rs613579	NA
chr1	17023403	17023403	G	A	ncRNA_exonic	ESPNP	NA	NA	NA	rs10907267	NA
chr1	17046549	17046549	G	A	ncRNA_exonic	ESPNP	NA	NA	NA	rs1755332	NA
chr1	17046595	17046595	T	C	ncRNA_exonic	ESPNP	NA	NA	NA	rs3856293	NA
chr1	17081606	17081606	A	C	UTR3	MST1L	NA	NA	NA	rs28661960	NA
chr1	17081886	17081886	T	C	UTR3	MST1L	NA	NA	NA	rs12117984	NA
chr1	17082229	17082229	G	C	UTR3	MST1L	NA	NA	NA	rs2610653	NA
chr1	17082238	17082238	T	C	UTR3	MST1L	NA	NA	NA	NA	NA
chr1	17082487	17082487	G	A	UTR3	MST1L	NA	NA	NA	rs180726840	NA
chr1	17082779	17082779	A	G	UTR3	MST1L	NA	NA	NA	NA	NA
chr1	17082839	17082839	A	C	UTR3	MST1L	NA	NA	NA	NA	NA
chr1	17083075	17083075	T	G	UTR3	MST1L	NA	NA	NA	NA	NA
chr1	17083119	17083119	A	T	UTR3	MST1L	NA	NA	NA	NA	NA
chr1	17083597	17083597	G	A	UTR3	MST1L	NA	NA	NA	rs186155999	NA
chr1	17083778	17083778	C	T	exonic	MST1L	synonymous SNV	MST1L:NM_001271733:exon15:c.G2019A:p.T673T	NA	rs28455793	NA
chr1	17083888	17083888	C	T	exonic	MST1L	nonsynonymous SNV	MST1L:NM_001271733:exon15:c.G1909A:p.G637S	NA	rs1071687	NA
chr1	17085447	17085447	G	A	exonic	MST1L	nonsynonymous SNV	MST1L:NM_001271733:exon10:c.C1244T:p.P415L	NA	rs202225848	NA
chr1	17085995	17085995	-	C	exonic	MST1L	frameshift insertion	MST1L:NM_001271733:exon7:c.902_903insG:p.A301fs	NA	NA	NA
chr1	17086085	17086085	-	C	exonic	MST1L	frameshift insertion	MST1L:NM_001271733:exon7:c.812_813insG:p.A271fs	NA	rs200532237	NA
chr1	17265416	17265416	G	T	exonic	CROCC	nonsynonymous SNV	CROCC:NM_014675:exon12:c.G1387T:p.D463Y	NA	rs114323849	D
chr1	17299014	17299014	A	C	UTR3	CROCC	NA	NA	NA	rs6661019	NA
chr1	17396592	17396592	G	A	exonic	PADI2	synonymous SNV	PADI2:NM_007365:exon15:c.C1755T:p.F585F	NA	rs11581590	NA
chr1	17674537	17674537	C	A	exonic	PADI4	synonymous SNV	PADI4:NM_012387:exon10:c.C1149A:p.R383R	NA	rs2240335	NA
chr1	18809292	18809292	A	C	exonic	KLHDC7A	nonsynonymous SNV	KLHDC7A:NM_152375:exon1:c.A1817C:p.D606A	NA	NA	D
chr1	18812479	18812479	A	-	UTR3	KLHDC7A	NA	NA	NA	rs72275238	NA
chr1	19665557	19665557	A	C	UTR3	CAPZB	NA	NA	NA	NA	NA
chr1	19983863	19983863	-	G	UTR3	C1orf151-NBL1,NBL1	NA	NA	NA	NA	NA
chr1	19992066	19992066	T	C	UTR5	HTR6	NA	NA	NA	rs10917509	NA
chr1	19992204	19992204	T	C	UTR5	HTR6	NA	NA	NA	NA	NA
chr1	19992211	19992211	A	C	UTR5	HTR6	NA	NA	NA	NA	NA
chr1	19992219	19992219	A	C	UTR5	HTR6	NA	NA	NA	NA	NA
chr1	19992231	19992231	T	C	UTR5	HTR6	NA	NA	NA	NA	NA
chr1	19992234	19992234	A	C	UTR5	HTR6	NA	NA	NA	NA	NA
chr1	20208984	20208984	G	T	UTR5	OTUD3	NA	NA	NA	NA	NA
chr1	20237881	20237881	-	T	UTR3	OTUD3	NA	NA	NA	NA	NA
chr1	20617419	20617419	T	C	UTR5	VWA5B1	NA	NA	NA	rs12738826	NA
chr1	20671961	20671961	G	A	exonic	VWA5B1	nonsynonymous SNV	VWA5B1:NM_001039500:exon17:c.G2639A:p.R880H	NA	rs11582960	NA
chr1	20978415	20978415	T	G	UTR3	DDOST	NA	NA	NA	rs150466875	NA
chr1	21766776	21766776	G	C	UTR5	NBPF3	NA	NA	NA	rs113548640	NA
chr1	21808223	21808223	T	C	exonic	NBPF3	synonymous SNV	57C:p.L453L,NBPF3:NM_001256416:exon13:c.T1531C:p.L511L,NBPF3:I	NA	rs145079058	NA
chr1	22160042	22160042	T	G	exonic	HSPG2	synonymous SNV	HSPG2:NM_005529:exon79:c.A10896C:p.R3632R	NA	NA	NA
chr1	22357521	22357526	TTTTTT	-	ncRNA_exonic	LINC00339	NA	NA	NA	NA	NA
chr1	22445719	22445719	G	-	UTR3	WNT4	NA	NA	NA	NA	NA
chr1	22445721	22445721	G	-	UTR3	WNT4	NA	NA	NA	NA	NA
chr1	23695593	23695593	-	G	ncRNA_exonic	C1orf213	NA	NA	NA	NA	NA
chr1	23695637	23695637	T	G	ncRNA_exonic	C1orf213	NA	NA	NA	NA	NA
chr1	23695642	23695642	C	G	ncRNA_exonic	C1orf213	NA	NA	NA	NA	NA
chr1	23695644	23695644	T	G	ncRNA_exonic	C1orf213	NA	NA	NA	NA	NA
chr1	23695669	23695669	T	C	ncRNA_exonic	C1orf213	NA	NA	NA	NA	NA
chr1	23695680	23695680	C	G	ncRNA_exonic	C1orf213	NA	NA	NA	NA	NA
chr1	23695687	23695687	T	C	ncRNA_exonic	C1orf213	NA	NA	NA	NA	NA
chr1	23886300	23886300	C	-	upstream	ID3	NA	NA	NA	rs139377135	NA
chr1	24296853	24296853	-	TT	UTR3	SRSF10	NA	NA	NA	NA	NA
chr1	24798068	24798068	-	A	UTR3	NIPAL3	NA	NA	NA	rs35468932	NA
chr1	24798499	24798500	TT	-	UTR3	NIPAL3	NA	NA	NA	rs148414271	NA
chr1	24999676	24999676	-	T	UTR3	SRRM1	NA	NA	NA	rs113632210	NA
chr1	25747230	25747230	G	C	exonic	RHCE	nonsynonymous SNV	NM_138616:exon1:c.C48G;p.C16W,RHCE:NM_138617:exon1:c.C48G;p	NA	rs201634828	B

chr1	26143704	26143704	-	TTTTG	UTR3	SEPN1	NA	NA	NA	rs3033477	NA
chr1	26211187	26211188	AA	-	UTR3	STMN1	NA	NA	NA	NA	NA
chr1	26487940	26487940	A	G	exonic	FAM110D	nonsynonymous SNV	FAM110D:NM_024869:exon2:c.A158G:p.H53R	NA	rs3748856	D
chr1	26488883	26488883	G	T	UTR3	FAM110D	NA	NA	NA	NA	NA
chr1	26627478	26627478	T	C	exonic	UBXN11	synonymous SNV	l_001077262:exon4:c.A138G:p.S46S,UBXN11:NM_183008:exon5:c.A1	NA	rs2276712	NA
chr1	26786627	26786627	G	A	exonic	DHDDS	nonsynonymous SNV	l_001243565:exon7:c.G640A:p.V214M,DHDDS:NM_024887:exon8:c.G=COSM146454;OCCURENCE=1(stomac	NA	rs3816539	B
chr1	26801737	26801737	-	T	UTR3	HMG2	NA	NA	NA	NA	NA
chr1	27107651	27107651	A	-	UTR3	ARID1A	NA	NA	NA	NA	NA
chr1	27190821	27190821	-	GT	UTR3	SFN	NA	NA	NA	rs3065004	NA
chr1	28475837	28475838	TT	-	UTR3	PTAFR	NA	NA	NA	NA	NA
chr1	31838552	31838552	A	-	UTR3	FABP3	NA	NA	NA	NA	NA
chr1	31907249	31907249	T	C	UTR3	SERINC2	NA	NA	NA	NA	NA
chr1	32673866	32673866	G	C	UTR3	IQCC	NA	NA	NA	rs41302746	NA
chr1	33148362	33148362	-	CT	UTR3	RBBP4	NA	NA	NA	rs5773380	NA
chr1	33148866	33148867	AA	-	UTR3	RBBP4	NA	NA	NA	rs148907756	NA
chr1	33475531	33475531	A	T	UTR3	AK2	NA	NA	NA	NA	NA
chr1	33475556	33475556	A	C	UTR3	AK2	NA	NA	NA	rs201880820	NA
chr1	33475767	33475767	G	A	UTR3	AK2	NA	NA	NA	rs74066436	NA
chr1	33475791	33475791	A	G	UTR3	AK2	NA	NA	NA	rs6884	NA
chr1	33764916	33764916	A	C	UTR3	ZNF362	NA	NA	NA	NA	NA
chr1	35220730	35220730	A	G	UTR5	GJB5	NA	NA	NA	rs2275229	NA
chr1	36032231	36032232	CA	-	UTR3	NCDN	NA	NA	NA	NA	NA
chr1	36770048	36770048	T	-	UTR3	THRAP3	NA	NA	NA	NA	NA
chr1	36770065	36770065	C	T	UTR3	THRAP3	NA	NA	NA	rs75716416	NA
chr1	38226777	38226777	C	A	UTR3	EPHA10	NA	NA	NA	rs116544770	NA
chr1	38327409	38327409	G	A	UTR3	INPP5B	NA	NA	NA	NA	NA
chr1	38423061	38423061	C	T	UTR3	SF3A3	NA	NA	NA	rs28667771	NA
chr1	38490065	38490065	A	T	UTR3	UTP11L	NA	NA	NA	NA	NA
chr1	38510268	38510268	T	-	UTR3	POU3F1	NA	NA	NA	rs5773610	NA
chr1	39340002	39340002	A	T	ncRNA_exonic	GJA9-MYCBP	NA	NA	NA	rs66539868	NA
chr1	39470979	39470979	-	A	UTR3	AKIRIN1	NA	NA	NA	NA	NA
chr1	39796845	39796855	TTTTTTTT	-	intronic	MACF1	NA	NA	NA	rs201626891	NA
chr1	39835817	39835817	A	G	exonic	MACF1	nonsynonymous SNV	MACF1:NM_012090:exon47:c.A6868G:p.M2290V	NA	rs2296172	B
chr1	40089595	40089595	C	T	UTR3	HEYL	NA	NA	NA	rs12030495	NA
chr1	40235448	40235448	C	T	exonic	OXCT2	nonsynonymous SNV	OXCT2:NM_022120:exon1:c.G1480A:p.D494N	NA	rs150795467	P
chr1	43232997	43232997	C	A	exonic	C1orf50	synonymous SNV	C1orf50:NM_024097:exon1:c.C15A:p.A5A	NA	rs193038877	NA
chr1	43233201	43233201	C	A	exonic	C1orf50	nonsynonymous SNV	C1orf50:NM_024097:exon2:c.C101A:p.P34Q	NA	NA	P
chr1	43272824	43272824	-	TT	UTR3	CCDC23	NA	NA	NA	NA	NA
chr1	43649508	43649508	A	G	exonic	WDR65	nonsynonymous SNV	lG:p.N241D,WDR65:NM_001195831:exon4:c.A721G:p.N241D,WDR65	NA	rs663824	B
chr1	44084739	44084739	C	T	exonic	PTPRF	synonymous SNV	l30440:exon26:c.C4485T:p.R1495R,PTPRF:NM_002840:exon27:c.C451	NA	rs1143701	NA
chr1	45444038	45444038	G	A	exonic	EIF2B3	synonymous SNV	243T:p.D81D,EIF2B3:NM_001261418:exon3:c.C243T:p.D81D,EIF2B3:N	NA	rs11556200	NA
chr1	47099235	47099235	A	C	intergenic	3C(dist=16672),ATPAF1(dist=	NA	NA	NA	rs4660950	NA
chr1	47905783	47905783	T	-	UTR3	FOX2	NA	NA	NA	NA	NA
chr1	51204557	51204557	G	A	exonic	FAF1	nonsynonymous SNV	FAF1:NM_007051:exon6:c.C529T:p.P177S	NA	rs140027012	B
chr1	51820325	51820325	C	T	UTR3	EPS15	NA	NA	NA	rs11554033	NA
chr1	52520859	52520861	ACA	-	UTR5	TXNDC12	NA	NA	NA	rs142834436	NA
chr1	53289190	53289190	-	T	UTR3	ZYG11B	NA	NA	NA	NA	NA
chr1	53291326	53291327	AA	-	UTR3	ZYG11B	NA	NA	NA	NA	NA
chr1	53537266	53537266	G	A	exonic	PODN	synonymous SNV	cp.T172T,PODN:NM_001199081:exon4:c.G459A:p.T153T,PODN:NM_C	NA	rs1769316	NA
chr1	53662140	53662140	G	T	UTR5	CPT2	NA	NA	NA	NA	NA
chr1	53712557	53712557	-	A	UTR3	LRP8	NA	NA	NA	NA	NA
chr1	53930360	53930360	G	A	exonic	DMRTB1	synonymous SNV	DMRTB1:NM_033067:exon3:c.G801A:p.P267P	NA	rs61738842	NA
chr1	54199823	54199823	G	T	UTR5	GLIS1	NA	NA	NA	NA	NA
chr1	54681920	54681920	G	C	exonic	MRPL37	nonsynonymous SNV	MRPL37:NM_016491:exon6:c.G1097C:p.C366S	NA	rs13571	B
chr1	57179398	57179398	T	-	UTR3	PRKAA2	NA	NA	NA	rs143795464	NA
chr1	58971831	58971831	G	A	exonic	OMA1	synonymous SNV	OMA1:NM_145243:exon8:c.C1266T:p.F422F	NA	rs3087585	NA
chr1	59247323	59247323	T	C	UTR3	JUN	NA	NA	NA	NA	NA
chr1	60280750	60280750	T	-	UTR5	HOOK1	NA	NA	NA	rs113730234	NA
chr1	60466814	60466814	T	C	exonic	C1orf87	nonsynonymous SNV	C1orf87:NM_152377:exon10:c.A1207G:p.K403E	NA	rs626251	B
chr1	61921185	61921185	-	T	UTR3	NFIA	NA	NA	NA	rs111405657	NA
chr1	61924354	61924354	G	T	UTR3	NFIA	NA	NA	NA	NA	NA
chr1	61927697	61927697	T	-	UTR3	NFIA	NA	NA	NA	NA	NA
chr1	61927742	61927742	C	T	UTR3	NFIA	NA	NA	NA	NA	NA
chr1	62627004	62627007	TTTT	-	UTR3	INADL	NA	NA	NA	NA	NA
chr1	62676612	62676612	A	G	exonic	L1TD1	synonymous SNV	J19079:exon4:c.A2166G:p.K722K,L1TD1:NM_001164835:exon5:c.A21(SM118430;OCCURENCE=1(ovary),1(sto	NA	rs66958136	NA
chr1	62960101	62960101	A	G	exonic	DOCK7	synonymous SNV	J1272001:exon39:c.T4942C:p.L1648L,DOCK7:NM_033407:exon39:c.T4	NA	rs10889335	NA

chr1	64036764	64036764	A	G	exonic	EFCAB7	nonsynonymous SNV	EFCAB7:NM_032437:exon13:c.A1780G:p.I594V	NA	rs199608136	B
chr1	64644708	64644708	A	-	UTR3	ROR1	NA	NA	NA	rs10709706	NA
chr1	66831370	66831370	G	A	exonic	PDE4B	synonymous SNV	1037340:exon11:c.G1260A:p.E420E,PDE4B:NM_001037341:exon13:c.G1260A:p.E420E	NA	rs783036	NA
chr1	67288175	67288175	C	A	exonic	WDR78	nonsynonymous SNV	WDR78:NM_024763:exon16:c.G2365T:p.A789S	NA	NA	B
chr1	67303303	67303303	A	G	UTR3	WDR78	NA	NA	NA	rs6698076	NA
chr1	67557966	67557966	G	T	UTR3	C1orf141	NA	NA	NA	rs6672194	NA
chr1	72748272	72748272	A	C	UTR5	NEGR1	NA	NA	NA	NA	NA
chr1	76190216	76190216	G	A	UTR5	ACADM	NA	NA	NA	rs17848068	NA
chr1	78343510	78343510	C	T	UTR3	FAM73A	NA	NA	NA	rs55760347	NA
chr1	78602292	78602292	C	T	UTR3	GIPC2	NA	NA	NA	NA	NA
chr1	78602292	78602292	-	TT	UTR3	GIPC2	NA	NA	NA	NA	NA
chr1	79108070	79108070	A	-	UTR3	IFI44L	NA	NA	NA	NA	NA
chr1	85462582	85462582	C	G	UTR5	MCOLN2	NA	NA	NA	rs11161503	NA
chr1	85462652	85462652	G	T	UTR5	MCOLN2	NA	NA	NA	rs11161504	NA
chr1	85462665	85462665	T	G	UTR5	MCOLN2	NA	NA	NA	rs11161505	NA
chr1	85743584	85743584	C	-	ncRNA_exonic	LOC646626	NA	NA	NA	rs201121966	NA
chr1	86119296	86119296	C	A	UTR3	ZNHIT6	NA	NA	NA	rs821399	NA
chr1	89225976	89225976	T	C	exonic	PKN2	synonymous SNV	PKN2:NM_006256:exon3:c.T421C:p.L141L	NA	rs430600	NA
chr1	89449616	89449616	G	C	UTR5	RBMXL1	NA	NA	NA	NA	NA
chr1	89726090	89726090	-	G	UTR3	GBP5	NA	NA	NA	rs140412648	NA
chr1	93620393	93620393	G	A	exonic	TMED5	nonsynonymous SNV	TMED5:NM_016040:exon4:c.C524T:p.T175I	NA	rs1060622	D
chr1	93811569	93811569	A	G	UTR5	DR1	NA	NA	NA	rs10782959	NA
chr1	94353029	94353029	-	T	UTR3	GCLM	NA	NA	NA	rs146547212	NA
chr1	94995630	94995632	AAA	-	UTR3	F3	NA	NA	NA	rs58927022	NA
chr1	95362928	95362929	AA	-	UTR3	CNN3	NA	NA	NA	rs58217295	NA
chr1	95363001	95363001	T	C	UTR3	CNN3	NA	NA	NA	rs3789699	NA
chr1	95657855	95657855	A	-	UTR3	TMEM56	NA	NA	NA	NA	NA
chr1	97279218	97279223	TTTTTT	-	UTR3	PTBP2	NA	NA	NA	NA	NA
chr1	97770920	97770920	C	T	exonic	DPYD	nonsynonymous SNV	DPYD:NM_000110:exon18:c.G2194A:p.V732I	NA	rs1801160	D
chr1	1.01E+08	1.01E+08	A	-	UTR3	SASS6	NA	NA	NA	NA	NA
chr1	1.01E+08	1.01E+08	A	-	UTR3	DBT	NA	NA	NA	rs71709231	NA
chr1	1.01E+08	1.01E+08	ACACACAC	-	UTR3	DBT	NA	NA	NA	rs140341302	NA
chr1	1.03E+08	1.03E+08	G	A	exonic	COL11A1	nonsynonymous SNV	COL11A1:NM_001190709:exon51:c.C3851T:p.P1284L,COL11A1:NM_001190709:exon51:c.C3851T:p.P1284L	NA	rs3753841	NA
chr1	1.04E+08	1.04E+08	C	G	exonic	AMY2A	synonymous SNV	AMY2A:NM_000699:exon5:c.C834G:p.G278G	NA	rs201666814	NA
chr1	1.04E+08	1.04E+08	G	A	exonic	AMY2A	nonsynonymous SNV	AMY2A:NM_000699:exon5:c.G838A:p.V280I	NA	rs141685988	B
chr1	1.09E+08	1.09E+08	G	A	exonic	NBPF4	synonymous SNV	NBPF4:NM_001143989:exon14:c.C1869T:p.S623S	OSM893345;OCCURENCE=2(endometrium)	rs2582071	NA
chr1	1.09E+08	1.09E+08	C	T	UTR3	FAM102B	NA	NA	NA	NA	NA
chr1	1.09E+08	1.09E+08	G	T	UTR3	FAM102B	NA	NA	NA	NA	NA
chr1	1.1E+08	1.1E+08	T	C	UTR5	C1orf194	NA	NA	NA	rs536176	NA
chr1	1.1E+08	1.1E+08	AAA	-	UTR3	KIAA1324	NA	NA	NA	rs149143656	NA
chr1	1.1E+08	1.1E+08	A	C	exonic	AMIGO1	synonymous SNV	AMIGO1:NM_020703:exon2:c.T1356G:p.G452G	NA	NA	NA
chr1	1.1E+08	1.1E+08	C	T	UTR5	GNAI3	NA	NA	NA	rs3737182	NA
chr1	1.1E+08	1.1E+08	G	A	exonic	AMPD2	nonsynonymous SNV	AMPD2:NM_001257360:exon2:c.G2140A:p.V709M	NA	rs28362581	B
chr1	1.11E+08	1.11E+08	-	C	UTR5	AHCYL1	NA	NA	NA	rs11424431	NA
chr1	1.11E+08	1.11E+08	G	A	UTR5	AHCYL1	NA	NA	NA	rs17551493	NA
chr1	1.11E+08	1.11E+08	A	-	UTR3	AHCYL1	NA	NA	NA	NA	NA
chr1	1.11E+08	1.11E+08	A	C	exonic	SLC6A17	nonsynonymous SNV	SLC6A17:NM_001010898:exon12:c.A2164C:p.T722P	NA	NA	NA
chr1	1.11E+08	1.11E+08	A	G	UTR3	SLC6A17	NA	NA	NA	rs12133992	NA
chr1	1.11E+08	1.11E+08	C	A	UTR3	SLC6A17	NA	NA	NA	NA	NA
chr1	1.11E+08	1.11E+08	G	A	UTR3	SLC16A4	NA	NA	NA	rs185712869	NA
chr1	1.11E+08	1.11E+08	-	CA	UTR3	LRIF1	NA	NA	NA	NA	NA
chr1	1.12E+08	1.12E+08	C	G	exonic	OVGP1	nonsynonymous SNV	OVGP1:NM_002557:exon11:c.G1561C:p.E521Q	NA	rs201662631	B
chr1	1.12E+08	1.12E+08	C	T	exonic	OVGP1	synonymous SNV	OVGP1:NM_002557:exon11:c.G1560A:p.G520G	NA	NA	NA
chr1	1.12E+08	1.12E+08	G	C	exonic	OVGP1	nonsynonymous SNV	OVGP1:NM_002557:exon11:c.C1553G:p.T518S	NA	rs45455292	B
chr1	1.12E+08	1.12E+08	A	G	exonic	OVGP1	nonsynonymous SNV	OVGP1:NM_002557:exon11:c.T1540C:p.Y514H	NA	rs1126656	B
chr1	1.12E+08	1.12E+08	A	G	exonic	OVGP1	nonsynonymous SNV	OVGP1:NM_002557:exon11:c.T1531C:p.S511P	NA	rs56294468	B
chr1	1.13E+08	1.13E+08	T	G	exonic	ST7L	synonymous SNV	ST7L:NM_001138727:exon7:c.A672C:p.L224L,ST7L:NM_001138728:exon7:c.A723C:p.L224L	NA	NA	NA
chr1	1.13E+08	1.13E+08	T	-	UTR3	CAP2A1	NA	NA	NA	NA	NA
chr1	1.15E+08	1.15E+08	T	C	exonic	BCAS2	nonsynonymous SNV	BCAS2:NM_005872:exon1:c.A89G:p.E30G	NA	NA	D
chr1	1.15E+08	1.15E+08	C	A	exonic	BCAS2	nonsynonymous SNV	BCAS2:NM_005872:exon1:c.G58T:p.D20Y	NA	NA	D
chr1	1.15E+08	1.15E+08	T	C	exonic	BCAS2	synonymous SNV	BCAS2:NM_005872:exon1:c.A27G:p.G9G	NA	NA	NA
chr1	1.15E+08	1.15E+08	G	A	UTR5	CSDE1	NA	NA	NA	rs41274132	NA
chr1	1.15E+08	1.15E+08	T	C	exonic	SIKE1	nonsynonymous SNV	SIKE1:NM_025073:exon1:c.A142G:p.T48A,SIKE1:NM_025073:exon1:c.A142G:p.T48A	NA	NA	B
chr1	1.16E+08	1.16E+08	-	TA	UTR3	TSPAN2	NA	NA	NA	rs34617679	NA
chr1	1.17E+08	1.17E+08	C	G	exonic	IGSF3	nonsynonymous SNV	IGSF3:NM_001007237:exon5:c.G1050C:p.K350N,IGSF3:NM_001007237:exon5:c.G1050C:p.K350N	NA	rs140699309	B
chr1	1.17E+08	1.17E+08	C	T	exonic	IGSF3	nonsynonymous SNV	IGSF3:NM_001007237:exon3:c.G214A:p.V72I,IGSF3:NM_001007237:exon3:c.G214A:p.V72I	NA	rs201676764	B

chr1	1.17E+08	1.17E+08	C	T	exonic	IGSF3	synonymous SNV	4_001007237:exon3:c.G189A:p.S63S,IGSF3:NM_001542:exon3:c.G189	NA	rs200177381	NA
chr1	1.17E+08	1.17E+08	C	T	exonic	IGSF3	synonymous SNV	M_001007237:exon3:c.G99A:p.T33T,IGSF3:NM_001542:exon3:c.G99A#8218,COSM288219;OCCURENCE=3(larg	rs201692914	NA	NA
chr1	1.18E+08	1.18E+08	GGCGGCGC	-	UTR5	MAN1A2	NA	NA	NA	NA	NA
chr1	1.18E+08	1.18E+08	ATTT	-	UTR3	FAM46C	NA	NA	NA	rs34914954	NA
chr1	1.19E+08	1.19E+08	-	A	UTR3	TBX15	NA	NA	NA	NA	NA
chr1	1.21E+08	1.21E+08	T	A	exonic	NOTCH2	nonsynonymous SNV	_001200001:exon4:c.A703T:p.T235S,NOTCH2:NM_024408:exon4:c.A7	NA	rs200464440	D
chr1	1.21E+08	1.21E+08	G	T	exonic	NOTCH2	nonsynonymous SNV	_001200001:exon4:c.C680A:p.P227H,NOTCH2:NM_024408:exon4:c.C6	NA	rs3899528	D
chr1	1.21E+08	1.21E+08	C	G	UTR5	NOTCH2	NA	NA	NA	rs79247096	NA
chr1	1.21E+08	1.21E+08	C	T	exonic	FAM72B	nonsynonymous SNV	FAM72B:NM_001100910:exon3:c.C281T:p.P94L	NA	rs1572701	B
chr1	1.45E+08	1.45E+08	A	G	UTR5	NBPF8,NBPF9	NA	NA	NA	rs201543878	NA
chr1	1.45E+08	1.45E+08	T	C	UTR5	NBPF8,NBPF9	NA	NA	NA	rs199745076	NA
chr1	1.45E+08	1.45E+08	G	A	exonic	NBPF8,NBPF9	unknown	UNKNOWN	NA	rs200319336	NA
chr1	1.45E+08	1.45E+08	G	T	exonic	NBPF8,NBPF9	unknown	UNKNOWN	191623;OCCURENCE=1(central_nervou	NA	NA
chr1	1.45E+08	1.45E+08	A	T	UTR3	PDE4DIP	NA	NA	NA	rs141695068	NA
chr1	1.45E+08	1.45E+08	T	C	UTR3	SEC22B	NA	NA	NA	rs7550440	NA
chr1	1.45E+08	1.45E+08	G	C	exonic	NBPF10	nonsynonymous SNV	NBPF10:NM_001039703:exon1:c.G85C:p.A29P	NA	rs6671335	NA
chr1	1.45E+08	1.45E+08	G	C	exonic	NBPF10	nonsynonymous SNV	NBPF10:NM_001039703:exon1:c.G93C:p.K31N	NA	rs4409714	NA
chr1	1.48E+08	1.48E+08	T	C	UTR3	NBPF14	NA	NA	NA	rs16826730	NA
chr1	1.48E+08	1.48E+08	G	A	UTR3	NBPF14	NA	NA	NA	rs3961381	NA
chr1	1.48E+08	1.48E+08	T	C	exonic	NBPF14	synonymous SNV	NBPF14:NM_015383:exon22:c.A2766G:p.X922X	NA	rs79370452	NA
chr1	1.48E+08	1.48E+08	T	C	exonic	NBPF14	synonymous SNV	NBPF14:NM_015383:exon5:c.A603G:p.G201G	NA	NA	NA
chr1	1.49E+08	1.49E+08	T	C	exonic	PPIAL4E	synonymous SNV	PPIAL4E:NM_001144032:exon1:c.T345C:p.C115C	NA	rs372485	NA
chr1	1.49E+08	1.49E+08	T	C	UTR3	NBPF16	NA	NA	NA	rs78259445	NA
chr1	1.49E+08	1.49E+08	G	A	ncRNA_exonic	LOC388692	NA	NA	NA	rs3926814	NA
chr1	1.49E+08	1.49E+08	A	G	ncRNA_exonic	LOC388692	NA	NA	NA	rs139360823	NA
chr1	1.49E+08	1.49E+08	T	C	ncRNA_exonic	LOC388692	NA	NA	NA	rs149624901	NA
chr1	1.49E+08	1.49E+08	T	C	ncRNA_exonic	LOC388692	NA	NA	NA	rs593054	NA
chr1	1.49E+08	1.49E+08	-	A	ncRNA_exonic	LOC388692	NA	NA	NA	NA	NA
chr1	1.5E+08	1.5E+08	-	CCG	UTR5	RPRD2	NA	NA	NA	NA	NA
chr1	1.5E+08	1.5E+08	A	-	UTR3	RPRD2	NA	NA	NA	NA	NA
chr1	1.51E+08	1.51E+08	G	A	exonic	CTSS	nonsynonymous SNV	CTSS:NM_004079:exon4:c.C337T:p.R113W	)=COSM146600;OCCURENCE=1(stomac	rs2230061	B
chr1	1.52E+08	1.52E+08	A	G	UTR3	RIIAD1	NA	NA	NA	rs41263712	NA
chr1	1.52E+08	1.52E+08	T	C	UTR3	THEM4	NA	NA	NA	rs74997792	NA
chr1	1.52E+08	1.52E+08	C	G	exonic	TCHH	nonsynonymous SNV	TCHH:NM_007113:exon3:c.G3436C:p.V1146L	NA	NA	NA
chr1	1.52E+08	1.52E+08	T	C	exonic	TCHH	nonsynonymous SNV	TCHH:NM_007113:exon3:c.A3244G:p.K1082E	:OSM895998;OCCURENCE=1(endometr	rs199978971	NA
chr1	1.52E+08	1.52E+08	A	C	exonic	TCHH	nonsynonymous SNV	TCHH:NM_007113:exon3:c.T3128G:p.L1043R	ID=COSM528874;OCCURENCE=1(lung)	NA	NA
chr1	1.52E+08	1.52E+08	A	G	exonic	HRNR	synonymous SNV	HRNR:NM_001009931:exon3:c.T6243C:p.Y2081Y	NA	rs143217581	NA
chr1	1.52E+08	1.52E+08	G	A	exonic	HRNR	nonsynonymous SNV	HRNR:NM_001009931:exon3:c.C5642T:p.S1881F	NA	rs61814941	NA
chr1	1.52E+08	1.52E+08	C	T	exonic	CRCT1	synonymous SNV	CRCT1:NM_019060:exon2:c.C120T:p.C40C	NA	rs2282296	NA
chr1	1.52E+08	1.52E+08	C	T	exonic	CRCT1	synonymous SNV	CRCT1:NM_019060:exon2:c.C204T:p.R68R	NA	rs1053588	NA
chr1	1.53E+08	1.53E+08	A	C	exonic	KPRP	nonsynonymous SNV	KPRP:NM_001025231:exon2:c.A886C:p.T296P	NA	NA	D
chr1	1.53E+08	1.53E+08	G	T	UTR3	LCE1E	NA	NA	NA	rs114470093	NA
chr1	1.53E+08	1.53E+08	T	C	exonic	IVL	synonymous SNV	IVL:NM_005547:exon2:c.T975C:p.H325H	NA	NA	NA
chr1	1.53E+08	1.53E+08	C	T	exonic	SPRR2E	nonsynonymous SNV	SPRR2E:NM_001024209:exon2:c.G161A:p.C54Y	=COSM225968;OCCURENCE=1(NS),1(lur	rs75229137	NA
chr1	1.53E+08	1.53E+08	T	C	exonic	SPRR2E	synonymous SNV	SPRR2E:NM_001024209:exon2:c.A156G:p.Q52Q	NA	rs3737865	NA
chr1	1.54E+08	1.54E+08	G	A	UTR5	S100A13	NA	NA	NA	rs3818632	NA
chr1	1.54E+08	1.54E+08	A	G	UTR3	CHTOP	NA	NA	NA	NA	NA
chr1	1.54E+08	1.54E+08	G	C	exonic	SLC27A3	nonsynonymous SNV	SLC27A3:NM_024330:exon1:c.G329C:p.G110A	NA	rs34527123	B
chr1	1.54E+08	1.54E+08	AA	-	UTR3	TPM3	NA	NA	NA	NA	NA
chr1	1.54E+08	1.54E+08	G	A	UTR5	IL6R	NA	NA	NA	rs4845617	NA
chr1	1.55E+08	1.55E+08	C	T	exonic	ADAR	nonsynonymous SNV	4A:p.E982K,ADAR:NM_001193495:exon11:c.G2059A:p.E687K,ADAR:N	NA	NA	P
chr1	1.55E+08	1.55E+08	A	C	exonic	TRIM46	nonsynonymous SNV	4_001256601:exon2:c.A208C:p.T70P,TRIM46:NM_025058:exon2:c.A2	NA	NA	P
chr1	1.56E+08	1.56E+08	G	A	ncRNA_exonic	MSTO2P	NA	NA	NA	rs66501532	NA
chr1	1.56E+08	1.56E+08	T	-	UTR3	MEX3A	NA	NA	NA	rs201492514	NA
chr1	1.56E+08	1.56E+08	A	-	UTR3	LMNA	NA	NA	NA	rs200317083	NA
chr1	1.56E+08	1.56E+08	GA	-	UTR5	CCT3	NA	NA	NA	rs139949895	NA
chr1	1.58E+08	1.58E+08	T	-	UTR3	CD1E	NA	NA	NA	NA	NA
chr1	1.59E+08	1.59E+08	A	G	UTR5	IFI16	NA	NA	NA	rs2276404	NA
chr1	1.59E+08	1.59E+08	G	A	UTR3	FCER1A	NA	NA	NA	rs7549785	NA
chr1	1.6E+08	1.6E+08	AC	-	UTR3	KCNJ10	NA	NA	NA	NA	NA
chr1	1.6E+08	1.6E+08	A	G	exonic	ATP1A4	synonymous SNV	ATP1A4:NM_144699:exon1:c.A69G:p.K23K	NA	rs77332724	NA
chr1	1.6E+08	1.6E+08	T	-	UTR3	PEX19	NA	NA	NA	NA	NA
chr1	1.61E+08	1.61E+08	C	G	exonic	CD48	nonsynonymous SNV	_001256030:exon2:c.G304C:p.E102Q,CD48:NM_001778:exon2:c.G304)=COSM146667;OCCURENCE=1(stomac	rs2295615	D	
chr1	1.61E+08	1.61E+08	G	A	exonic	CD48	synonymous SNV	4_001256030:exon2:c.C276T:p.G92G,CD48:NM_001778:exon2:c.C276	NA	rs1980606	NA
chr1	1.61E+08	1.61E+08	A	C	UTR5	F11R	NA	NA	NA	NA	NA
chr1	1.61E+08	1.61E+08	-	A	UTR3	USF1	NA	NA	NA	NA	NA

chr1	1.61E+08	1.61E+08	A	-	UTR3	DEDD	NA	NA	NA	NA	NA
chr1	1.62E+08	1.62E+08	A	G	UTR3	FCGR2C	NA	NA	NA	rs144426992	NA
chr1	1.62E+08	1.62E+08	T	C	UTR3	FCGR2C	NA	NA	NA	rs199512091	NA
chr1	1.62E+08	1.62E+08	C	G	UTR5	SH2D1B	NA	NA	NA	rs66518016	NA
chr1	1.63E+08	1.63E+08	C	T	UTR3	DDR2	NA	NA	NA	rs1972086	NA
chr1	1.63E+08	1.63E+08	ACACAC	-	UTR3	RGS4	NA	NA	NA	NA	NA
chr1	1.63E+08	1.63E+08	T	-	UTR3	RGS5	NA	NA	NA	NA	NA
chr1	1.67E+08	1.67E+08	-	A	UTR3	POGK	NA	NA	NA	NA	NA
chr1	1.68E+08	1.68E+08	TAAT	-	UTR3	RCS1	NA	NA	NA	NA	NA
chr1	1.68E+08	1.68E+08	A	G	exonic	ADCY10	synonymous SNV	01167749:exon16:c.T1938C;p.G646G,ADCY10:NM_018417:exon19:c.T	NA	rs203795	NA
chr1	1.68E+08	1.68E+08	-	ACACAC	UTR3	TIPRL	NA	NA	NA	NA	NA
chr1	1.7E+08	1.7E+08	C	T	exonic	SELP	synonymous SNV	SELP:NM_003005:exon14:c.G2346A;p.T782T	NA	rs6128	NA
chr1	1.7E+08	1.7E+08	C	T	exonic	KIFAP3	synonymous SNV	1204517:exon14:c.G1398A;p.G466G,KIFAP3:NM_014970:exon14:c.G1	NA	rs33943686	NA
chr1	1.7E+08	1.7E+08	A	G	ncRNA_exonic	LOC284688	NA	NA	NA	rs3795614	NA
chr1	1.7E+08	1.7E+08	T	C	ncRNA_exonic	LOC284688	NA	NA	NA	rs3795615	NA
chr1	1.71E+08	1.71E+08	G	T	ncRNA_exonic	FMO6P	NA	NA	NA	rs11812061	NA
chr1	1.71E+08	1.71E+08	G	A	ncRNA_exonic	FMO6P	NA	NA	NA	rs7886938	NA
chr1	1.72E+08	1.72E+08	-	TG	UTR3	DNM3	NA	NA	NA	rs143989240	NA
chr1	1.75E+08	1.75E+08	T	G	exonic	TNN	nonsynonymous SNV	TNN:NM_022093:exon19:c.T3764G;p.V1255G	NA	NA	D
chr1	1.77E+08	1.77E+08	C	T	exonic	PAPPA2	synonymous SNV	PAPPA2:NM_020318:exon22:c.C5262T;p.D1754D	NA	rs12118034	NA
chr1	1.78E+08	1.78E+08	G	A	exonic	SEC16B	synonymous SNV	SEC16B:NM_033127:exon8:c.C954T;p.S318S	NA	rs35891059	NA
chr1	1.79E+08	1.79E+08	C	T	UTR3	ABL2	NA	NA	NA	NA	NA
chr1	1.8E+08	1.8E+08	A	G	exonic	TDRD5	nonsynonymous SNV	001199089:exon7:c.A1072G;p.K358E,TDRD5:NM_001199091:exon7:c.	NA	rs6704505	B
chr1	1.8E+08	1.8E+08	CGCGCG	-	UTR3	FAM163A	NA	NA	NA	rs71744420	NA
chr1	1.81E+08	1.81E+08	C	T	exonic	KIAA1614	synonymous SNV	KIAA1614:NM_020950:exon4:c.C1065T;p.T355T	NA	rs3747958	NA
chr1	1.82E+08	1.82E+08	G	A	exonic	CACNA1E	nonsynonymous SNV	0.A1936T,CACNA1E:NM_000721:exon44:c.G5863A;p.A1955T,CACNA1E	NA	rs704326	NA
chr1	1.83E+08	1.83E+08	C	T	exonic	LAMC1	synonymous SNV	LAMC1:NM_002293:exon2:c.C657T;p.N219N	NA	rs2296289	NA
chr1	1.83E+08	1.83E+08	A	G	UTR5	LAMC2	NA	NA	NA	rs2276542	NA
chr1	1.83E+08	1.83E+08	A	C	UTR5	LAMC2	NA	NA	NA	NA	NA
chr1	1.83E+08	1.83E+08	-	GT	UTR3	NMNAT2	NA	NA	NA	NA	NA
chr1	1.85E+08	1.85E+08	T	A	UTR3	FAM129A	NA	NA	NA	rs526024	NA
chr1	1.85E+08	1.85E+08	T	G	UTR5	TRMT1L	NA	NA	NA	NA	NA
chr1	1.86E+08	1.86E+08	T	C	exonic	PRG4	synonymous SNV	001127709:exon5:c.T945C;p.T315T,PRG4:NM_001127708:exon6:c.T1D=COSM463577;OCCURENCE=1(kidney	NA	NA	NA
chr1	1.86E+08	1.86E+08	T	C	exonic	PRG4	nonsynonymous SNV	001127709:exon5:c.T1000C;p.S334P,PRG4:NM_001127708:exon6:c.T1V228824;OCCURENCE=1(skin),2(endorr	NA	NA	NA
chr1	1.86E+08	1.86E+08	T	C	exonic	PRG4	nonsynonymous SNV	001127709:exon5:c.T1351C;p.S451P,PRG4:NM_001127708:exon6:c.T	NA	NA	NA
chr1	1.92E+08	1.92E+08	-	AAATTTTG	UTR3	RGS21	NA	NA	NA	rs140108972	NA
chr1	1.93E+08	1.93E+08	-	G	UTR5	CDC73	NA	NA	NA	NA	NA
chr1	1.97E+08	1.97E+08	T	G	UTR3	CFHR5	NA	NA	NA	rs10922153	NA
chr1	2.01E+08	2.01E+08	T	G	UTR3	KIF21B	NA	NA	NA	NA	NA
chr1	2.01E+08	2.01E+08	-	A	UTR3	TMEM9	NA	NA	NA	NA	NA
chr1	2.01E+08	2.01E+08	A	G	exonic	IGFN1	nonsynonymous SNV	IGFN1:NM_001164586:exon12:c.A5416G;p.S1806G	NA	NA	NA
chr1	2.01E+08	2.01E+08	T	A	exonic	IGFN1	nonsynonymous SNV	IGFN1:NM_001164586:exon12:c.T5423A;p.V1808E	NA	NA	NA
chr1	2.01E+08	2.01E+08	G	C	exonic	IGFN1	nonsynonymous SNV	IGFN1:NM_001164586:exon12:c.G5431C;p.G1811R	NA	NA	NA
chr1	2.01E+08	2.01E+08	A	G	exonic	IGFN1	nonsynonymous SNV	IGFN1:NM_001164586:exon12:c.A5963G;p.E1988G	NA	NA	NA
chr1	2.02E+08	2.02E+08	A	G	UTR3	IPO9	NA	NA	NA	rs2644134	NA
chr1	2.02E+08	2.02E+08	AAAC	-	UTR3	IPO9	NA	NA	NA	NA	NA
chr1	2.02E+08	2.02E+08	A	G	UTR3	LMOD1	NA	NA	NA	rs8028	NA
chr1	2.02E+08	2.02E+08	AA	-	UTR3	ELF3	NA	NA	NA	rs77731786	NA
chr1	2.02E+08	2.02E+08	A	C	ncRNA_exonic	PTPRVP	NA	NA	NA	rs7550457	NA
chr1	2.02E+08	2.02E+08	A	G	ncRNA_exonic	PTPRVP	NA	NA	NA	rs7550551	NA
chr1	2.02E+08	2.02E+08	TGCCACCT	-	ncRNA_exonic	PTPRVP	NA	NA	NA	rs72139344	NA
chr1	2.03E+08	2.03E+08	-	AC	UTR3	SYT2	NA	NA	NA	NA	NA
chr1	2.03E+08	2.03E+08	AAA	-	UTR3	MYOG	NA	NA	NA	rs141029773	NA
chr1	2.04E+08	2.04E+08	T	C	exonic	ATP2B4	synonymous SNV	1_001001396:exon3:c.T318C;p.L106L,ATP2B4:NM_001684:exon3:c.T3	NA	rs2228445	NA
chr1	2.04E+08	2.04E+08	A	G	UTR3	PLEKHA6	NA	NA	NA	rs74141005	NA
chr1	2.05E+08	2.05E+08	T	-	UTR3	MDM4	NA	NA	NA	NA	NA
chr1	2.05E+08	2.05E+08	-	T	UTR3	RBBP5	NA	NA	NA	NA	NA
chr1	2.05E+08	2.05E+08	G	A	UTR5	NUAK2	NA	NA	NA	rs3738746	NA
chr1	2.07E+08	2.07E+08	T	C	exonic	AP2,SRGAP2B,SRGAP2C,SRGA	synonymous SNV	SRGAP2D:NM_001271887:exon6:c.T759C;p.F253F	NA	rs200703951	NA
chr1	2.07E+08	2.07E+08	C	T	UTR3	C1orf116	NA	NA	NA	rs10877	NA
chr1	2.07E+08	2.07E+08	C	T	UTR3	PFKFB2	NA	NA	NA	NA	NA
chr1	2.07E+08	2.07E+08	-	T	UTR3	PFKFB2	NA	NA	NA	NA	NA
chr1	2.07E+08	2.07E+08	-	CAGACTTT	UTR3	PFKFB2	NA	NA	NA	NA	NA
chr1	2.08E+08	2.08E+08	-	T	UTR3	PLXNA2	NA	NA	NA	NA	NA
chr1	2.1E+08	2.1E+08	T	-	UTR3	DIEXF	NA	NA	NA	NA	NA
chr1	2.1E+08	2.1E+08	C	A	UTR3	SERTAD4	NA	NA	NA	NA	NA

chr1	2.11E+08	2.11E+08	A	-	UTR3	KCNH1	NA	NA	NA	rs56001969	NA
chr1	2.12E+08	2.12E+08	GT	-	UTR5	RD3	NA	NA	NA	rs34485370	NA
chr1	2.12E+08	2.12E+08	T	G	UTR3	DTL	NA	NA	NA	rs1387815	NA
chr1	2.13E+08	2.13E+08	-	A	UTR3	NSL1	NA	NA	NA	NA	NA
chr1	2.13E+08	2.13E+08	T	G	UTR3	NSL1	NA	NA	NA	NA	NA
chr1	2.13E+08	2.13E+08	A	G	UTR3	NSL1	NA	NA	NA	rs11800642	NA
chr1	2.13E+08	2.13E+08	T	-	UTR3	FLVCR1	NA	NA	NA	NA	NA
chr1	2.15E+08	2.15E+08	G	A	exonic	CENPF	nonsynonymous SNV	CENPF:NM_016343:exon16:c.G8186A:p.R2729Q	NA	rs335524	NA
chr1	2.19E+08	2.19E+08	CA	-	UTR5	TGFB2	NA	NA	NA	rs151329324	NA
chr1	2.2E+08	2.2E+08	T	-	UTR3	RAB3GAP2	NA	NA	NA	rs35147354	NA
chr1	2.21E+08	2.21E+08	T	C	UTR5	2-Mar	NA	NA	NA	NA	NA
chr1	2.21E+08	2.21E+08	C	T	UTR5	2-Mar	NA	NA	NA	NA	NA
chr1	2.21E+08	2.21E+08	A	T	UTR5	2-Mar	NA	NA	NA	NA	NA
chr1	2.21E+08	2.21E+08	A	T	UTR5	2-Mar	NA	NA	NA	NA	NA
chr1	2.21E+08	2.21E+08	A	T	UTR5	2-Mar	NA	NA	NA	NA	NA
chr1	2.21E+08	2.21E+08	A	G	UTR5	HLX	NA	NA	NA	rs2738752	NA
chr1	2.22E+08	2.22E+08	T	C	ncRNA_exonic	C1orf140	NA	NA	NA	rs4347216	NA
chr1	2.23E+08	2.23E+08	G	A	exonic	HHIPL2	synonymous SNV	HHIPL2:NM_024746:exon8:c.C1845T:p.P615P	NA	rs199572964	NA
chr1	2.23E+08	2.23E+08	G	C	exonic	TAF1A	synonymous SNV	rs1134898	NA	rs1134898	NA
chr1	2.24E+08	2.24E+08	C	T	UTR3	DEGS1	NA	NA	NA	rs908803	NA
chr1	2.25E+08	2.25E+08	A	G	exonic	DNAH14	nonsynonymous SNV	DNAH14:NM_001373:exon37:c.A5771G:p.K1924R	NA	rs191528375	NA
chr1	2.26E+08	2.26E+08	A	G	exonic	EPHX1	nonsynonymous SNV	EPHX1:NM_001120:exon4:c.A416G;p.H139R,EPHX1:NM_001136018:exon4:c.A416G;p.H139R	NA	rs2234922	B
chr1	2.26E+08	2.26E+08	C	A	exonic	LEFTY2	nonsynonymous SNV	LEFTY2:NM_001172425:exon3:c.G33240:exon2:c.G439T;p.V147F,LEFTY2:NM_001172425:exon3:c.G33240:exon2:c.G439T;p.V147F	NA	NA	P
chr1	2.26E+08	2.26E+08	G	A	UTR5	LIN9	NA	NA	NA	NA	NA
chr1	2.26E+08	2.26E+08	G	T	UTR5	LIN9	NA	NA	NA	NA	NA
chr1	2.26E+08	2.26E+08	G	T	UTR5	LIN9	NA	NA	NA	NA	NA
chr1	2.26E+08	2.26E+08	G	A	UTR5	LIN9	NA	NA	NA	NA	NA
chr1	2.26E+08	2.26E+08	G	A	UTR5	LIN9	NA	NA	NA	NA	NA
chr1	2.26E+08	2.26E+08	G	A	UTR5	LIN9	NA	NA	NA	NA	NA
chr1	2.26E+08	2.26E+08	G	A	UTR5	LIN9	NA	NA	NA	NA	NA
chr1	2.27E+08	2.27E+08	A	G	UTR3	C1orf95	NA	NA	NA	rs114523191	NA
chr1	2.28E+08	2.28E+08	AAAA	-	UTR5	CDC42BPA	NA	NA	NA	rs199516755	NA
chr1	2.28E+08	2.28E+08	G	A	exonic	OBSCN	nonsynonymous SNV	OBSCN:NM_02720M,OBSCN:NM_052843:exon30:c.G8158A:p.V2720M,OBSCN:NM_052843:exon30:c.G8158A;p.V2720M	NA	rs1188697	NA
chr1	2.29E+08	2.29E+08	C	T	exonic	OBSCN	nonsynonymous SNV	OBSCN:NM_052843:exon51:c.C13546T;p.R4516W,OBSCN:NM_052843:exon51:c.C13546T;p.R4516W	NA	rs11810627	NA
chr1	2.3E+08	2.3E+08	G	A	UTR3	TAF5L	NA	NA	NA	rs3820359	NA
chr1	2.3E+08	2.3E+08	C	T	intronic	PGBD5	NA	NA	NA	rs2009265	NA
chr1	2.3E+08	2.3E+08	A	C	intronic	PGBD5	NA	NA	NA	rs74143198	NA
chr1	2.31E+08	2.31E+08	T	G	UTR3	C1orf198	NA	NA	NA	NA	NA
chr1	2.31E+08	2.31E+08	A	G	exonic	ARV1	nonsynonymous SNV	ARV1:NM_022786:exon1:c.A37G:p.K13E	NA	NA	P
chr1	2.31E+08	2.31E+08	C	T	UTR3	FAM89A	NA	NA	NA	NA	NA
chr1	2.31E+08	2.31E+08	A	T	UTR3	FAM89A	NA	NA	NA	NA	NA
chr1	2.31E+08	2.31E+08	C	A	UTR3	FAM89A	NA	NA	NA	NA	NA
chr1	2.31E+08	2.31E+08	C	A	UTR3	FAM89A	NA	NA	NA	NA	NA
chr1	2.32E+08	2.32E+08	-	TTAC	ncRNA_UTR3	DISC1	NA	NA	NA	NA	NA
chr1	2.33E+08	2.33E+08	G	A	exonic	SIPA1L2	nonsynonymous SNV	SIPA1L2:NM_020808:exon14:c.C4208T:p.S1403L	NA	rs1547742	P
chr1	2.33E+08	2.33E+08	C	T	exonic	SIPA1L2	synonymous SNV	SIPA1L2:NM_020808:exon1:c.G219A:p.K73K	NA	rs4649383	NA
chr1	2.34E+08	2.34E+08	A	C	UTR5	SLC35F3	NA	NA	NA	rs12136133	NA
chr1	2.34E+08	2.34E+08	G	C	exonic	SLC35F3	synonymous SNV	SLC35F3:NM_173508:exon2:c.G201C:p.P67P	NA	rs57010808	NA
chr1	2.35E+08	2.35E+08	T	C	exonic	TARBP1	nonsynonymous SNV	TARBP1:NM_005646:exon12:c.A2032G;p.S678G	NA	rs4920246	B
chr1	2.35E+08	2.35E+08	T	C	exonic	ARID4B	synonymous SNV	ARID4B:NM_016374:exon11:c.A897G;p.E299E,ARID4B:NM_016374:exon11:c.A897G;p.E299E	NA	rs12731746	NA
chr1	2.36E+08	2.36E+08	G	C	UTR3	B3GALNT2	NA	NA	NA	rs6429095	NA
chr1	2.36E+08	2.36E+08	G	A	UTR3	B3GALNT2	NA	NA	NA	rs6429096	NA
chr1	2.36E+08	2.36E+08	A	-	UTR3	B3GALNT2	NA	NA	NA	NA	NA
chr1	2.36E+08	2.36E+08	G	C	UTR3	GNG4	NA	NA	NA	rs12022945	NA
chr1	2.37E+08	2.37E+08	A	-	downstream	EDARADD	NA	NA	NA	rs11358746	NA
chr1	2.37E+08	2.37E+08	T	A	exonic	LGALS8	nonsynonymous SNV	LGALS8:NM_006499:exon4:c.T56A:p.F19Y,LGALS8:NM_201543:exon4:c.T56A)=COSM146350;OCCURENCE=1(stomac	NA	rs1126407	B
chr1	2.37E+08	2.37E+08	T	C	exonic	LGALS8	synonymous SNV	LGALS8:NM_006499:exon4:c.T72C:p.P24P,LGALS8:NM_201543:exon4:c.T72C)=COSM146830;OCCURENCE=1(stomac	NA	rs1041934	NA
chr1	2.37E+08	2.37E+08	C	T	exonic	LGALS8	nonsynonymous SNV	LGALS8:NM_006499:exon4:c.C106T;p.R36C,LGALS8:NM_201543:exon4:c.C106)=COSM146351;OCCURENCE=1(stomac	NA	rs1041935	B
chr1	2.37E+08	2.37E+08	G	A	exonic	LGALS8	synonymous SNV	LGALS8:NM_006499:exon5:c.G330A:p.L110L,LGALS8:NM_201543:exon5:c.G330	NA	rs2472126	NA
chr1	2.37E+08	2.37E+08	A	C	UTR3	HEATR1,LGALS8	NA	NA	NA	rs6989	NA
chr1	2.37E+08	2.37E+08	C	T	exonic	HEATR1	synonymous SNV	HEATR1:NM_018072:exon43:c.G6159A:p.S2053S	NA	rs2275685	NA
chr1	2.37E+08	2.37E+08	C	A	exonic	HEATR1	synonymous SNV	HEATR1:NM_018072:exon20:c.G2565T;p.V855V	NA	rs4518892	NA
chr1	2.37E+08	2.37E+08	T	-	UTR3	MTR	NA	NA	NA	rs67705775	NA
chr1	2.37E+08	2.37E+08	A	G	UTR3	MTR	NA	NA	NA	rs1050993	NA
chr1	2.37E+08	2.37E+08	G	T	UTR3	MTR	NA	NA	NA	rs10925264	NA
chr1	2.38E+08	2.38E+08	C	G	UTR3	RYR2	NA	NA	NA	rs12406863	NA
chr1	2.4E+08	2.4E+08	C	T	exonic	FMN2	nonsynonymous SNV	FMN2:NM_020066:exon5:c.C2834T:p.P945L	NA	rs193049501	NA
chr1	2.4E+08	2.4E+08	G	T	exonic	FMN2	synonymous SNV	FMN2:NM_020066:exon5:c.G2868T;p.P956P	NA	NA	NA
chr1	2.4E+08	2.4E+08	C	A	exonic	FMN2	synonymous SNV	FMN2:NM_020066:exon5:c.C2988A:p.G996G	NA	rs71646887	NA
chr1	2.4E+08	2.4E+08	C	T	exonic	FMN2	synonymous SNV	FMN2:NM_020066:exon5:c.C2994T;p.P998P	NA	rs11586155	NA
chr1	2.4E+08	2.4E+08	G	A	exonic	FMN2	synonymous SNV	FMN2:NM_020066:exon5:c.G3000A:p.P1000P	NA	rs71646889	NA
chr1	2.45E+08	2.45E+08	G	C	exonic	HNRNPU	synonymous SNV	HNRNPU:NM_004501:exon1:c.C519G;p.P173P,HNRNPU:NM_031844:exon1:c.C51	NA	NA	NA

chr1	2.45E+08	2.45E+08	C	T	exonic	HNRNPU	synonymous SNV	NM_004501:exon1:c.G261A:p.E87E,HNRNPU:NM_031844:exon1:c.G261A	NA	rs6675421	NA
chr1	2.45E+08	2.45E+08	A	G	intronic	EFCAB2	NA	NA	NA	rs7542813	NA
chr1	2.47E+08	2.47E+08	-	CACACACA	ncRNA_UTR3	ZNF670	NA	NA	NA	NA	NA
chr1	2.47E+08	2.47E+08	G	A	UTR3	ZNF669	NA	NA	NA	rs140375048	NA
chr1	2.47E+08	2.47E+08	G	A	UTR3	ZNF124	NA	NA	NA	NA	NA
chr1	2.48E+08	2.48E+08	G	C	UTR3	OR2C3	NA	NA	NA	rs4925558	NA
chr1	2.48E+08	2.48E+08	T	G	exonic	OR11L1	nonsynonymous SNV	OR11L1:NM_001001959:exon1:c.A539C:p.D180A	NA	NA	P
chr1	2.49E+08	2.49E+08	C	G	exonic	OR2T2	synonymous SNV	OR2T2:NM_001004136:exon1:c.C651G:p.V217V	NA	rs151176830	NA
chr1	2.49E+08	2.49E+08	G	A	exonic	OR2T34	nonsynonymous SNV	OR2T34:NM_001001821:exon1:c.C892T:p.R298C	NA	rs148590921	D
chr1	2.49E+08	2.49E+08	G	A	exonic	OR2T34	nonsynonymous SNV	OR2T34:NM_001001821:exon1:c.C766T:p.L256F	NA	rs200427293	B
chr1	2.49E+08	2.49E+08	C	G	exonic	OR2T34	synonymous SNV	OR2T34:NM_001001821:exon1:c.G765C:p.L255L	NA	rs201475070	NA
chr1	2.49E+08	2.49E+08	A	G	exonic	OR2T34	nonsynonymous SNV	OR2T34:NM_001001821:exon1:c.T464C:p.V155A	ID=COSM120080;OCCURENCE=1(ovary)	rs150601708	B
chr1	2.49E+08	2.49E+08	T	C	exonic	OR2T35	synonymous SNV	OR2T35:NM_001001827:exon1:c.A303G:p.Q101Q	NA	rs145908089	NA
chr1	2.49E+08	2.49E+08	C	-	UTR5	SH3BP5L	NA	NA	NA	rs28362662	NA
chr2	224919	224919	A	G	exonic	SH3YL1	synonymous SNV	SH3YL1:NM_015677:exon9:c.T783C:p.S261S	NA	rs2290911	NA
chr2	905494	905494	C	G	intergenic	822(dist=41382),SNTG2(dist=	NA	NA	NA	NA	NA
chr2	905805	905805	G	C	intergenic	822(dist=41693),SNTG2(dist=	NA	NA	NA	rs111612803	NA
chr2	3718692	3718692	C	T	UTR5	ALLC	NA	NA	NA	rs13409104	NA
chr2	5838684	5838686	AAA	-	UTR3	SOX11	NA	NA	NA	rs201898989	NA
chr2	9544866	9544866	-	T	UTR3	ASAP2	NA	NA	NA	NA	NA
chr2	9546272	9546272	T	G	UTR3	ITGB1BP1	NA	NA	NA	rs10173551	NA
chr2	9546549	9546552	TGTT	-	UTR3	ITGB1BP1	NA	NA	NA	NA	NA
chr2	9629855	9629857	AAA	-	UTR3	ADAM17	NA	NA	NA	NA	NA
chr2	10281514	10281514	C	T	upstream	C2orf48	NA	NA	NA	rs17313542	NA
chr2	11966640	11966641	AA	-	UTR3	LPIN1	NA	NA	NA	NA	NA
chr2	18768850	18768850	A	G	exonic	NT5C1B,NT5C1B-RDH14	synonymous SNV	.P13P,NT5C1B:NM_001199088:exon2:c.T39C:p.P13P,NT5C1B-RDH14:NT5C1B:NM_001199088:exon2:c.T39C:p.P13P	NA	rs16985306	NA
chr2	20131079	20131079	T	C	exonic	WDR35	nonsynonymous SNV	WDR35:NM_001006657:exon25:c.A20779:exon24:c.A2915G:p.E972G,WDR35:NM_001006657:exon25:c.A20779	NA	rs1191778	B
chr2	20648145	20648145	A	C	UTR3	RHOB	NA	NA	NA	NA	NA
chr2	24307470	24307470	G	T	UTR5	TP53I3	NA	NA	NA	rs33958836	NA
chr2	25050977	25050977	T	C	exonic	ADCY3	synonymous SNV	ADCY3:NM_004036:exon13:c.A2226G:p.E742E	NA	rs7566416	NA
chr2	27002706	27002706	C	T	UTR3	SLC35F6	NA	NA	NA	NA	NA
chr2	27477981	27477981	A	C	UTR3	SLC30A3	NA	NA	NA	NA	NA
chr2	27804534	27804534	C	G	exonic	C2orf16	nonsynonymous SNV	C2orf16:NM_032266:exon1:c.C5095G:p.Q1699E	NA	NA	NA
chr2	27804548	27804548	T	C	exonic	C2orf16	synonymous SNV	C2orf16:NM_032266:exon1:c.T5109C:p.R1703R	NA	NA	NA
chr2	27804607	27804607	G	A	exonic	C2orf16	nonsynonymous SNV	C2orf16:NM_032266:exon1:c.G5168A:p.R1723Q	NA	rs202029351	NA
chr2	27838058	27838058	C	A	exonic	ZNF512	synonymous SNV	.001271288:exon10:c.C924A:p.L308L,ZNF512:NM_001271289:exon10:c.C924A:p.L308L	NA	rs1127071	NA
chr2	29023100	29023100	T	C	UTR3	PPP1CB	NA	NA	NA	NA	NA
chr2	29226512	29226512	A	G	exonic	FAM179A	nonsynonymous SNV	FAM179A:NM_199280:exon6:c.A794G:p.Q265R	NA	rs12623297	NA
chr2	30480656	30480656	-	TTTTTT	UTR3	LBH	NA	NA	NA	rs113721073	NA
chr2	30864774	30864774	-	T	UTR3	LCLAT1	NA	NA	NA	NA	NA
chr2	30865267	30865267	T	-	UTR3	LCLAT1	NA	NA	NA	NA	NA
chr2	30865753	30865753	-	TT	UTR3	LCLAT1	NA	NA	NA	NA	NA
chr2	30865757	30865757	C	T	UTR3	LCLAT1	NA	NA	NA	rs201834336	NA
chr2	31396115	31396115	G	A	UTR3	CAPN14	NA	NA	NA	rs2044244	NA
chr2	31457155	31457167	GACCCCGG	-	UTR5	EHD3	NA	NA	NA	rs144609065	NA
chr2	31489628	31489629	AC	-	UTR3	EHD3	NA	NA	NA	rs67643147	NA
chr2	31610701	31610701	C	T	exonic	XDH	synonymous SNV	XDH:NM_000379:exon8:c.G627A:p.E209E	NA	rs45575032	NA
chr2	32843295	32843295	A	-	UTR3	BIRC6	NA	NA	NA	rs140477433	NA
chr2	32983526	32983526	C	T	exonic	TTC27	synonymous SNV	.01193509:exon13:c.C1470T:p.N490N,TTC27:NM_017735:exon13:c.C10=COSM148836;OCCURENCE=1(stomach)	NA	rs2273665	NA
chr2	33412077	33412077	G	A	exonic	LTBP1	synonymous SNV	.01193509:exon13:c.C1470T:p.N490N,TTC27:NM_017735:exon13:c.C10=COSM148836;OCCURENCE=1(stomach);p.A126A,LTBP1:NM_001166265:exon2:c.G378A:p.A126A,LTBP1:NM_001166265:exon2:c.G378A:p.A126A	NA	rs1065324	NA
chr2	33447202	33447202	C	T	exonic	LTBP1	synonymous SNV	.01193509:exon13:c.C1470T:p.N490N,TTC27:NM_017735:exon13:c.C10=COSM148836;OCCURENCE=1(stomach);p.A126A,LTBP1:NM_001166265:exon2:c.G378A:p.A126A,LTBP1:NM_001166265:exon2:c.G378A:p.A126A;p.N294N,LTBP1:NM_001166265:exon5:c.C882T:p.N294N,LTBP1:NM_001166265:exon5:c.C882T:p.N294N	NA	rs2290448	NA
chr2	33951299	33951299	-	TT	ncRNA_exonic	MYADML	NA	NA	NA	rs71409649	NA
chr2	36777378	36777378	T	-	UTR3	CRIM1	NA	NA	NA	rs10707574	NA
chr2	37230734	37230734	C	T	exonic	HEATR5B	synonymous SNV	HEATR5B:NM_019024:exon31:c.G5001A:p.Q1667Q	NA	rs17497654	NA
chr2	37310452	37310452	C	A	exonic	HEATR5B	nonsynonymous SNV	HEATR5B:NM_019024:exon2:c.G106T:p.V36F	NA	NA	D
chr2	37323460	37323460	G	C	UTR3	GPATCH11	NA	NA	NA	rs12474977	NA
chr2	38522140	38522140	T	G	UTR3	ATL2	NA	NA	NA	rs200194110	NA
chr2	38522144	38522144	C	-	UTR3	ATL2	NA	NA	NA	NA	NA
chr2	38522260	38522260	A	T	UTR3	ATL2	NA	NA	NA	rs6987	NA
chr2	43015719	43015719	T	C	exonic	HAAO	nonsynonymous SNV	HAAO:NM_012205:exon2:c.A109G:p.I37V	NA	rs3816183	NA
chr2	43019730	43019730	A	G	UTR5	HAAO	NA	NA	NA	rs2304656	NA
chr2	44036922	44036922	T	C	UTR3	DYNC2LI1	NA	NA	NA	rs10186552	NA
chr2	44546016	44546016	C	T	UTR3	PREPL	NA	NA	NA	rs8410	NA
chr2	44999604	44999604	T	-	UTR3	CAMKMT	NA	NA	NA	rs199836049	NA
chr2	45172416	45172416	G	A	UTR3	SIX3	NA	NA	NA	NA	NA
chr2	46746963	46746963	A	G	UTR5	ATP6V1E2	NA	NA	NA	rs4952830	NA

chr2	46852121	46852121	T	-	UTR3	CRIP1	NA	NA	NA	NA	NA
chr2	46852211	46852211	T	-	UTR3	CRIP1	NA	NA	NA	NA	NA
chr2	50147836	50147843	GTGTGTGT	-	UTR3	NRXN1	NA	NA	NA	NA	NA
chr2	54120025	54120025	A	T	exonic	PSME4	nonsynonymous SNV	PSME4:NM_014614:exon36:c.T4111A:p.S1371T	NA	rs805408	NA
chr2	54532431	54532431	T	C	UTR3	ACYP2	NA	NA	NA	rs17045807	NA
chr2	54895818	54895818	T	-	UTR3	SPTBN1	NA	NA	NA	rs201990044	NA
chr2	55199932	55199932	T	-	UTR3	RTN4	NA	NA	NA	NA	NA
chr2	55402225	55402225	C	T	UTR3	CLHC1	NA	NA	NA	rs1133182	NA
chr2	58388696	58388696	A	G	exonic	FANCL	synonymous SNV	_001114636:exon12:c.T996C;p.S332S,FANCL:NM_018062:exon12:c.T996C	NA	rs848291	NA
chr2	64119863	64119863	-	T	UTR3	VPS54	NA	NA	NA	NA	NA
chr2	64819250	64819250	A	-	UTR3	AFTPH	NA	NA	NA	rs200722568	NA
chr2	65299085	65299085	A	C	exonic	CEP68	synonymous SNV	CEP68:NM_015147:exon3:c.A855C:p.S285S	NA	NA	NA
chr2	67637218	67637221	TGAT	-	UTR3	ETAA1	NA	NA	NA	rs35271433	NA
chr2	68358046	68358046	C	T	UTR3	WDR92	NA	NA	NA	rs199882206	NA
chr2	68406127	68406127	-	AAAAA	UTR3	PPP3R1	NA	NA	NA	NA	NA
chr2	68406149	68406149	G	A	UTR3	PPP3R1	NA	NA	NA	NA	NA
chr2	68406155	68406155	G	A	UTR3	PPP3R1	NA	NA	NA	rs201762572	NA
chr2	69550811	69550811	T	-	UTR3	GFPT1	NA	NA	NA	rs36057221	NA
chr2	69689509	69689509	A	T	UTR3	AAK1	NA	NA	NA	rs72833931	NA
chr2	69689809	69689809	A	-	UTR3	AAK1	NA	NA	NA	NA	NA
chr2	71004492	71004492	T	C	UTR3	FIGLA	NA	NA	ID=COSN404629;OCCURENCE=1(lung)	rs56316086	NA
chr2	71004494	71004494	A	T	UTR3	FIGLA	NA	NA	ID=COSN404630;OCCURENCE=1(lung)	rs56135050	NA
chr2	71036190	71036190	A	-	UTR3	CLEC4F	NA	NA	NA	rs149426278	NA
chr2	71351487	71351487	G	A	exonic	MCEE	nonsynonymous SNV	MCEE:NM_032601:exon2:c.C227T:p.A76V	NA	rs11541017	B
chr2	72707874	72707874	A	G	exonic	EXOC6B	synonymous SNV	EXOC6B:NM_015189:exon17:c.T1671C:p.V557V	NA	rs653220	NA
chr2	74300717	74300717	T	C	exonic	TET3	synonymous SNV	TET3:NM_144993:exon2:c.T2131C:p.L711L	rs=COSM148878;OCCURENCE=1(stomach)	rs7560668	NA
chr2	75884989	75884989	T	-	UTR3	MRPL19	NA	NA	NA	rs35072018	NA
chr2	85549595	85549595	T	A	UTR3	TGOLN2	NA	NA	NA	NA	NA
chr2	85549650	85549650	G	C	UTR3	TGOLN2	NA	NA	NA	NA	NA
chr2	85776950	85776950	A	C	UTR3	GGCX	NA	NA	NA	rs78909830	NA
chr2	85833907	85833907	T	-	UTR3	C2orf68	NA	NA	NA	NA	NA
chr2	87012399	87012399	-	AA	UTR3	CD8A	NA	NA	NA	NA	NA
chr2	89065449	89065449	G	A	ncRNA_exonic	ANKRD36BP2	NA	NA	NA	rs113082666	NA
chr2	91843471	91843471	C	T	ncRNA_exonic	LOC654342	NA	NA	NA	rs1048212	NA
chr2	91963845	91963845	G	A	ncRNA_exonic	GGT8P	NA	NA	NA	NA	NA
chr2	91963880	91963880	A	G	ncRNA_exonic	GGT8P	NA	NA	NA	rs114148846	NA
chr2	91963899	91963899	C	T	ncRNA_exonic	GGT8P	NA	NA	NA	NA	NA
chr2	91963908	91963908	T	G	ncRNA_exonic	GGT8P	NA	NA	NA	NA	NA
chr2	91963953	91963953	A	G	ncRNA_exonic	GGT8P	NA	NA	NA	rs4622773	NA
chr2	91970053	91970053	A	G	ncRNA_exonic	GGT8P	NA	NA	NA	rs200455966	NA
chr2	91970089	91970089	G	C	ncRNA_exonic	GGT8P	NA	NA	NA	rs147452528	NA
chr2	91970112	91970112	C	T	ncRNA_exonic	GGT8P	NA	NA	NA	rs139857385	NA
chr2	92129194	92129194	C	T	ncRNA_exonic	ACTR3BP2	NA	NA	NA	rs12483966	NA
chr2	95522747	95522747	C	G	ncRNA_exonic	ANKRD20A8P	NA	NA	NA	rs10874467	NA
chr2	96676301	96676301	C	A	ncRNA_exonic	FAHD2CP	NA	NA	NA	rs2443817	NA
chr2	97808510	97808510	G	A	exonic	ANKRD36	nonsynonymous SNV	ANKRD36:NM_001164315:exon8:c.G839A:p.G280D	NA	rs199920970	NA
chr2	97808515	97808515	G	A	exonic	ANKRD36	nonsynonymous SNV	ANKRD36:NM_001164315:exon8:c.G844A:p.E282K	NA	rs201265245	NA
chr2	97808524	97808524	A	G	exonic	ANKRD36	nonsynonymous SNV	ANKRD36:NM_001164315:exon8:c.A853G:p.I285V	NA	rs202223019	NA
chr2	97808529	97808529	A	G	exonic	ANKRD36	synonymous SNV	ANKRD36:NM_001164315:exon8:c.A858G:p.S286S	NA	NA	NA
chr2	97808562	97808562	A	C	exonic	ANKRD36	nonsynonymous SNV	ANKRD36:NM_001164315:exon8:c.A891C:p.K297N	NA	rs75359815	NA
chr2	97815047	97815047	T	G	exonic	ANKRD36	synonymous SNV	ANKRD36:NM_001164315:exon12:c.T1050G:p.P350P	NA	NA	NA
chr2	97815050	97815050	T	C	exonic	ANKRD36	synonymous SNV	ANKRD36:NM_001164315:exon12:c.T1053C:p.D351D	NA	rs2190034	NA
chr2	97815051	97815051	G	A	exonic	ANKRD36	nonsynonymous SNV	ANKRD36:NM_001164315:exon12:c.G1054A:p.A352T	NA	rs200092365	NA
chr2	97915895	97915895	T	C	exonic	ANKRD36	synonymous SNV	ANKRD36:NM_001164315:exon75:c.T5817C:p.F1939F	NA	rs201565865	NA
chr2	97915896	97915896	G	A	exonic	ANKRD36	nonsynonymous SNV	ANKRD36:NM_001164315:exon75:c.G5818A:p.E1940K	NA	rs199628660	NA
chr2	98127653	98127653	T	G	exonic	ANKRD36B	nonsynonymous SNV	ANKRD36B:NM_025190:exon39:c.A3668C:p.N1223T	NA	rs62157161	NA
chr2	98127659	98127659	T	C	exonic	ANKRD36B	nonsynonymous SNV	ANKRD36B:NM_025190:exon39:c.A3662G:p.E1221G	NA	NA	NA
chr2	98128066	98128066	A	G	exonic	ANKRD36B	synonymous SNV	ANKRD36B:NM_025190:exon39:c.T3255C:p.V1085V	NA	NA	NA
chr2	98128128	98128128	G	A	exonic	ANKRD36B	nonsynonymous SNV	ANKRD36B:NM_025190:exon39:c.C3193T:p.L1065F	NA	rs75197050	NA
chr2	98128364	98128364	T	C	exonic	ANKRD36B	nonsynonymous SNV	ANKRD36B:NM_025190:exon39:c.A2957G:p.H986R	NA	rs200630019	NA
chr2	98128402	98128402	C	A	exonic	ANKRD36B	nonsynonymous SNV	ANKRD36B:NM_025190:exon39:c.G2919T:p.K973N	NA	rs111605455	NA
chr2	98128421	98128421	T	C	exonic	ANKRD36B	nonsynonymous SNV	ANKRD36B:NM_025190:exon39:c.A2900G:p.K967R	NA	rs112192400	NA
chr2	98128472	98128472	C	A	exonic	ANKRD36B	nonsynonymous SNV	ANKRD36B:NM_025190:exon39:c.G2849T:p.R950L	NA	rs200057888	NA
chr2	99237792	99237792	C	T	UTR3	MGAT4A	NA	NA	NA	rs11892744	NA
chr2	1.07E+08	1.07E+08	T	A	exonic	RGPD3	nonsynonymous SNV	RGPD3:NM_001144013:exon17:c.A2468T:p.K823M	rs=132759;OCCURENCE=1(central_nervous)	rs62152467	NA
chr2	1.07E+08	1.07E+08	C	G	exonic	RGPD3	nonsynonymous SNV	RGPD3:NM_001144013:exon16:c.G2233C:p.E745Q	NA	rs143879890	NA

chr2	1.07E+08	1.07E+08	C	T	exonic	RGPD3	nonsynonymous SNV	RGPD3:NM_001144013:exon4:c.G343A:p.E115K	NA	rs199932968	NA
chr2	1.07E+08	1.07E+08	AACAAC	-	UTR3	STGGAL2	NA	NA	NA	rs200860434	NA
chr2	1.09E+08	1.09E+08	T	G	UTR3	RGPD4	NA	NA	NA	rs3202255	NA
chr2	1.09E+08	1.09E+08	G	T	UTR3	RGPD4	NA	NA	NA	rs2439167	NA
chr2	1.09E+08	1.09E+08	T	-	UTR3	SULT1C2	NA	NA	NA	rs35976654	NA
chr2	1.09E+08	1.09E+08	T	-	UTR3	SULT1C4	NA	NA	NA	rs57444248	NA
chr2	1.09E+08	1.09E+08	C	T	UTR3	GCC2	NA	NA	NA	rs1138412	NA
chr2	1.1E+08	1.1E+08	-	T	UTR3	10-Sep	NA	NA	NA	NA	NA
chr2	1.1E+08	1.1E+08	A	-	UTR3	SOWAHC	NA	NA	NA	NA	NA
chr2	1.12E+08	1.12E+08	A	G	intronic	ACOXL	NA	NA	NA	rs7558938	NA
chr2	1.14E+08	1.14E+08	A	C	exonic	FOXD4L1	nonsynonymous SNV	FOXD4L1:NM_012184:exon1:c.A145C:p.K49Q	NA	rs2757970	B
chr2	1.14E+08	1.14E+08	A	G	ncRNA_exonic	WASH2P	NA	NA	NA	rs200864112	NA
chr2	1.14E+08	1.14E+08	C	G	ncRNA_exonic	WASH2P	NA	NA	SN404663,COSN404664;OCCURENCE=1	rs1128453	NA
chr2	1.14E+08	1.14E+08	A	G	ncRNA_exonic	DDX11L2	NA	NA	672,COSN404673,COSN404671;OCCURI	rs2747970	NA
chr2	1.2E+08	1.2E+08	T	G	UTR3	EN1	NA	NA	NA	NA	NA
chr2	1.21E+08	1.21E+08	G	A	exonic	EPB41L5	nonsynonymous SNV	01184937:exon17:c.G1384A:p.A462T,EPB41L5:NM_020909:exon17:c.C	NA	rs1034489	B
chr2	1.21E+08	1.21E+08	T	C	ncRNA_exonic	LOC84931	NA	NA	NA	rs1880544	NA
chr2	1.22E+08	1.22E+08	CACACA	-	UTR3	CLASP1	NA	NA	NA	NA	NA
chr2	1.28E+08	1.28E+08	TT	-	UTR3	MAP3K2	NA	NA	NA	NA	NA
chr2	1.28E+08	1.28E+08	G	T	exonic	PROC	synonymous SNV	PROC:NM_000312:exon6:c.G423T:p.S141S	NA	rs5936	NA
chr2	1.29E+08	1.29E+08	A	-	UTR3	POLR2D	NA	NA	NA	NA	NA
chr2	1.29E+08	1.29E+08	C	T	UTR3	HS6ST1	NA	NA	NA	rs35261195	NA
chr2	1.29E+08	1.29E+08	A	C	UTR3	HS6ST1	NA	NA	NA	NA	NA
chr2	1.29E+08	1.29E+08	T	C	UTR3	HS6ST1	NA	NA	NA	NA	NA
chr2	1.31E+08	1.31E+08	T	C	exonic	POTEF	nonsynonymous SNV	POTEF:NM_001099771:exon17:c.A2687G:p.H896R	NA	rs201946437	NA
chr2	1.31E+08	1.31E+08	C	A	exonic	POTEF	nonsynonymous SNV	POTEF:NM_001099771:exon17:c.G2601T:p.E867D	NA	rs2599794	NA
chr2	1.32E+08	1.32E+08	A	G	UTR5	ARHGEF4	NA	NA	NA	rs3739127	NA
chr2	1.32E+08	1.32E+08	A	-	UTR3	PLEKHB2	NA	NA	NA	NA	NA
chr2	1.33E+08	1.33E+08	G	A	ncRNA_exonic	ANKRD30BL	NA	NA	NA	rs79828184	NA
chr2	1.33E+08	1.33E+08	A	G	ncRNA_exonic	ANKRD30BL	NA	NA	NA	rs74546783	NA
chr2	1.33E+08	1.33E+08	C	T	ncRNA_exonic	ANKRD30BL	NA	NA	NA	rs112570337	NA
chr2	1.33E+08	1.33E+08	G	A	ncRNA_exonic	ANKRD30BL	NA	NA	NA	rs112577594	NA
chr2	1.33E+08	1.33E+08	T	G	ncRNA_exonic	ANKRD30BL	NA	NA	NA	rs75692539	NA
chr2	1.33E+08	1.33E+08	-	GGCG	ncRNA_exonic	ANKRD30BL	NA	NA	NA	NA	NA
chr2	1.36E+08	1.36E+08	T	G	UTR5	CCNT2	NA	NA	NA	NA	NA
chr2	1.36E+08	1.36E+08	A	-	UTR3	RAB3GAP1	NA	NA	NA	rs200869351	NA
chr2	1.39E+08	1.39E+08	T	G	UTR5	HNMT	NA	NA	ID=COSN404685;OCCURENCE=1(lung)	NA	NA
chr2	1.41E+08	1.41E+08	C	T	exonic	LRP1B	synonymous SNV	LRP1B:NM_018557:exon69:c.G10650A:p.E3550E	NA	rs16843864	NA
chr2	1.41E+08	1.41E+08	G	A	exonic	LRP1B	synonymous SNV	LRP1B:NM_018557:exon55:c.C8823T:p.D2941D	NA	rs35296183	NA
chr2	1.49E+08	1.49E+08	A	G	UTR5	ORC4	NA	NA	NA	rs897172	NA
chr2	1.52E+08	1.52E+08	G	C	UTR5	NMI	NA	NA	NA	rs2194492	NA
chr2	1.53E+08	1.53E+08	AA	-	UTR3	STAM2	NA	NA	NA	NA	NA
chr2	1.56E+08	1.56E+08	A	C	UTR5	KCNJ3	NA	NA	NA	NA	NA
chr2	1.57E+08	1.57E+08	G	C	UTR3	GPD2	NA	NA	NA	rs1991776	NA
chr2	1.6E+08	1.6E+08	G	A	UTR5	WDSUB1	NA	NA	NA	rs58048811	NA
chr2	1.66E+08	1.66E+08	A	T	UTR5	SCN2A	NA	NA	NA	rs76193610	NA
chr2	1.67E+08	1.67E+08	A	C	exonic	CSRNP3	nonsynonymous SNV	l_024969:exon3:c.A271C:p.T91P,CSRNP3:NM_001172173:exon5:c.A2	NA	NA	D
chr2	1.7E+08	1.7E+08	A	G	exonic	NOSTRIN	synonymous SNV	i2946:exon15:c.A1188G:p.G396G,NOSTRIN:NM_001039724:exon16:c.;	NA	rs3931	NA
chr2	1.7E+08	1.7E+08	G	A	UTR3	LRP2	NA	NA	NA	NA	NA
chr2	1.7E+08	1.7E+08	T	C	exonic	LRP2	nonsynonymous SNV	LRP2:NM_004525:exon42:c.A7894G:p.N2632D	NA	rs17848169	P
chr2	1.72E+08	1.72E+08	C	G	UTR3	DCAF17	NA	NA	NA	rs17221367	NA
chr2	1.77E+08	1.77E+08	AAA	-	UTR3	KIAA1715	NA	NA	NA	NA	NA
chr2	1.78E+08	1.78E+08	TA	-	UTR3	AGPS	NA	NA	NA	NA	NA
chr2	1.78E+08	1.78E+08	T	-	UTR3	PDE11A	NA	NA	NA	rs71010806	NA
chr2	1.78E+08	1.78E+08	C	T	UTR3	PDE11A	NA	NA	NA	NA	NA
chr2	1.79E+08	1.79E+08	AA	-	ncRNA_UTR3	OSBPL6	NA	NA	NA	NA	NA
chr2	1.79E+08	1.79E+08	G	T	exonic	TTN	nonsynonymous SNV	exon155:c.C60045A:p.S20015R,TTN:NM_133378:exon275:c.C78960A:	NA	NA	NA
chr2	1.79E+08	1.79E+08	A	T	exonic	TTN	nonsynonymous SNV	:exon155:c.T60026A:p.I20009K,TTN:NM_133378:exon275:c.T78941A:;	NA	NA	NA
chr2	1.79E+08	1.79E+08	G	T	exonic	TTN	nonsynonymous SNV	:exon155:c.C60024A:p.H20008Q,TTN:NM_133378:exon275:c.C78939A:	NA	NA	NA
chr2	1.84E+08	1.84E+08	G	A	exonic	DNAJC10	nonsynonymous SNV	l_001271581:exon4:c.G226A:p.D76N,DNAJC10:NM_018981:exon4:c.G	NA	rs6729801	B
chr2	1.88E+08	1.88E+08	AA	-	UTR3	TFPI	NA	NA	NA	NA	NA
chr2	1.88E+08	1.88E+08	A	-	UTR3	TFPI	NA	NA	NA	rs72023563	NA
chr2	1.89E+08	1.89E+08	T	G	intronic	GULP1	NA	NA	NA	NA	NA
chr2	1.89E+08	1.89E+08	AA	-	UTR3	GULP1	NA	NA	NA	NA	NA
chr2	1.9E+08	1.9E+08	A	C	exonic	DIRC1	nonsynonymous SNV	DIRC1:NM_052952:exon2:c.T151G:p.S51A	NA	rs72902678	NA
chr2	1.91E+08	1.91E+08	G	A	UTR5	INPP1	NA	NA	NA	rs1372054	NA

chr2	1.92E+08	1.92E+08	G	A	exonic	MYO1B	synonymous SNV	JA:p.E490E,MYO1B:NM_001161819:exon16:c.G1470A:p.E490E,MYO1E	NA	rs13018796	NA
chr2	1.97E+08	1.97E+08	TT	-	UTR3	SLC39A10	NA	NA	NA	NA	NA
chr2	1.97E+08	1.97E+08	-	GTGGGGGC	UTR3	STK17B	NA	NA	NA	rs113084773	NA
chr2	1.97E+08	1.97E+08	C	T	UTR3	STK17B	NA	NA	NA	rs6745041	NA
chr2	1.98E+08	1.98E+08	T	C	exonic	HSPD1	synonymous SNV	JM_002156:exon3:c.A273G:p.K91K,HSPD1:NM_199440:exon3:c.A273C	NA	rs8539	NA
chr2	1.99E+08	1.99E+08	G	A	exonic	RFTN2	synonymous SNV	RFTN2:NM_144629:exon3:c.C369T:p.L123L	NA	rs10497806	NA
chr2	2E+08	2E+08	G	T	UTR3	SATB2	NA	NA	NA	NA	NA
chr2	2.01E+08	2.01E+08	-	T	UTR3	SPATS2L	NA	NA	NA	NA	NA
chr2	2.01E+08	2.01E+08	A	-	UTR3	SPATS2L	NA	NA	NA	rs11313633	NA
chr2	2.02E+08	2.02E+08	-	AT	UTR3	NDUFB3	NA	NA	NA	rs150160270	NA
chr2	2.02E+08	2.02E+08	C	T	UTR3	CASP8	NA	NA	NA	rs2141331	NA
chr2	2.02E+08	2.02E+08	A	-	UTR3	TRAK2	NA	NA	NA	rs138690285	NA
chr2	2.02E+08	2.02E+08	A	T	exonic	ALS2CR11	nonsynonymous SNV	J1168217:exon11:c.T1128A:p.H376Q,ALS2CR11:NM_001168221:exon1	NA	rs10804117	B
chr2	2.03E+08	2.03E+08	C	T	exonic	ALS2	synonymous SNV	ALS2:NM_020919:exon25:c.G3885A:p.A1295A	NA	rs34946105	NA
chr2	2.04E+08	2.04E+08	A	-	UTR3	ALS2CR8	NA	NA	NA	NA	NA
chr2	2.04E+08	2.04E+08	C	T	exonic	CYP20A1	nonsynonymous SNV	CYP20A1:NM_177538:exon10:c.C1036T:p.L346F	NA	rs1048013	B
chr2	2.04E+08	2.04E+08	C	A	UTR3	CYP20A1	NA	NA	NA	NA	NA
chr2	2.04E+08	2.04E+08	T	G	UTR3	CYP20A1	NA	NA	NA	NA	NA
chr2	2.04E+08	2.04E+08	G	A	UTR3	CYP20A1	NA	NA	NA	rs62183912	NA
chr2	2.04E+08	2.04E+08	A	C	UTR3	CYP20A1	NA	NA	NA	rs6435181	NA
chr2	2.04E+08	2.04E+08	T	-	UTR3	CYP20A1	NA	NA	NA	rs11304494	NA
chr2	2.04E+08	2.04E+08	A	-	UTR3	RAPH1	NA	NA	NA	NA	NA
chr2	2.06E+08	2.06E+08	C	T	exonic	PAR3B	synonymous SNV	9T:p.A113A,PAR3B:NM_152526:exon3:c.C339T:p.A113A,PAR3B:NM	NA	rs236843	NA
chr2	2.07E+08	2.07E+08	T	C	exonic	NRP2	synonymous SNV	J_201264:exon6:c.T870C:p.N290N,NRP2:NM_201266:exon6:c.T870C:	NA	rs2228639	NA
chr2	2.07E+08	2.07E+08	AA	-	UTR3	INO80D	NA	NA	NA	NA	NA
chr2	2.07E+08	2.07E+08	AAA	-	UTR3	INO80D	NA	NA	NA	NA	NA
chr2	2.08E+08	2.08E+08	-	TGTG	UTR3	KLF7	NA	NA	NA	rs113821778	NA
chr2	2.08E+08	2.08E+08	TCTT	-	UTR3	CREB1	NA	NA	NA	rs4025849	NA
chr2	2.09E+08	2.09E+08	AAG	-	UTR3	FZD5	NA	NA	NA	NA	NA
chr2	2.09E+08	2.09E+08	G	-	UTR3	FZD5	NA	NA	NA	NA	NA
chr2	2.09E+08	2.09E+08	G	A	UTR3	FZD5	NA	NA	NA	NA	NA
chr2	2.09E+08	2.09E+08	-	T	UTR3	PLEKHM3	NA	NA	NA	NA	NA
chr2	2.11E+08	2.11E+08	CACACA	-	UTR3	MAP2	NA	NA	NA	NA	NA
chr2	2.11E+08	2.11E+08	T	G	exonic	ACADL	nonsynonymous SNV	ACADL:NM_001608:exon9:c.A997C:p.K333Q	NA	rs2286963	D
chr2	2.11E+08	2.11E+08	-	TCT	exonic	CPS1	nonframeshift insertion	CPS1:NM_001122633:exon2:c.13_14insTCT:p.I5delinsIF	NA	rs3835047	NA
chr2	2.14E+08	2.14E+08	-	A	UTR3	IKZF2	NA	NA	NA	rs11450321	NA
chr2	2.18E+08	2.18E+08	C	T	ncRNA_exonic	DIRC3	NA	NA	NA	rs3732007	NA
chr2	2.19E+08	2.19E+08	C	A	exonic	CTDSP1	synonymous SNV	C204A:p.G68G,CTDSP1:NM_021198:exon2:c.C204A:p.G68G,CTDSP1:NI	NA	rs2227251	NA
chr2	2.2E+08	2.2E+08	A	G	UTR3	PRKAG3	NA	NA	NA	rs6436094	NA
chr2	2.2E+08	2.2E+08	G	C	exonic	PRKAG3	nonsynonymous SNV	PRKAG3:NM_017431:exon3:c.C211G:p.P71A	NA	rs692243	P
chr2	2.2E+08	2.2E+08	A	C	UTR3	CDK5R2	NA	NA	NA	rs142470311	NA
chr2	2.2E+08	2.2E+08	C	T	UTR3	FAM134A	NA	NA	NA	NA	NA
chr2	2.2E+08	2.2E+08	G	T	UTR3	FAM134A	NA	NA	NA	NA	NA
chr2	2.2E+08	2.2E+08	G	T	UTR3	FAM134A	NA	NA	NA	NA	NA
chr2	2.2E+08	2.2E+08	A	C	exonic	CHPF	nonsynonymous SNV	_001195731:exon4:c.T791G:p.L264R,CHPF:NM_024536:exon4:c.T1277	NA	NA	D
chr2	2.24E+08	2.24E+08	T	C	exonic	KCNE4	synonymous SNV	KCNE4:NM_080671:exon2:c.T417C:p.P139P	NA	rs10201907	NA
chr2	2.25E+08	2.25E+08	TT	-	UTR3	AP1S3	NA	NA	NA	NA	NA
chr2	2.25E+08	2.25E+08	A	G	UTR3	AP1S3	NA	NA	NA	NA	NA
chr2	2.26E+08	2.26E+08	TGG	-	UTR5	NYAP2	NA	NA	NA	rs10578238	NA
chr2	2.28E+08	2.28E+08	TA	-	UTR3	IRS1	NA	NA	NA	rs138636103	NA
chr2	2.28E+08	2.28E+08	A	C	exonic	IRS1	nonsynonymous SNV	IRS1:NM_005544:exon1:c.T890G:p.V297G	NA	NA	D
chr2	2.28E+08	2.28E+08	T	G	exonic	IRS1	nonsynonymous SNV	IRS1:NM_005544:exon1:c.A833C:p.N278T	NA	NA	P
chr2	2.28E+08	2.28E+08	C	T	exonic	COL4A4	synonymous SNV	COL4A4:NM_000092:exon42:c.G4080A:p.P1360P	NA	rs2228556	NA
chr2	2.28E+08	2.28E+08	C	T	exonic	COL4A4	nonsynonymous SNV	COL4A4:NM_000092:exon42:c.G3979A:p.V1327M	NA	rs2229813	NA
chr2	2.28E+08	2.28E+08	G	A	exonic	COL4A4	nonsynonymous SNV	COL4A4:NM_000092:exon21:c.C1444T:p.P482S	NA	rs2229814	B
chr2	2.28E+08	2.28E+08	TTTA	-	UTR3	AGFG1	NA	NA	NA	rs55924655	NA
chr2	2.28E+08	2.28E+08	G	A	UTR3	C2orf83	NA	NA	NA	NA	NA
chr2	2.32E+08	2.32E+08	T	-	UTR3	B3GNT7	NA	NA	NA	NA	NA
chr2	2.33E+08	2.33E+08	A	G	exonic	ECEL1	nonsynonymous SNV	ECEL1:NM_004826:exon7:c.T1240C:p.S414P	NA	NA	D
chr2	2.34E+08	2.34E+08	A	G	exonic	DGKD	nonsynonymous SNV	_003648:exon9:c.A1007G:p.D336G,DGKD:NM_152879:exon10:c.A113G	NA	rs73995951	D
chr2	2.35E+08	2.35E+08	AAACAAAC	-	UTR3	HJURP	NA	NA	NA	rs150635580	NA
chr2	2.35E+08	2.35E+08	-	TTAT	UTR3	TRPM8	NA	NA	NA	rs138810119	NA
chr2	2.35E+08	2.35E+08	T	-	UTR3	ARL4C	NA	NA	NA	rs11476419	NA
chr2	2.38E+08	2.38E+08	C	G	exonic	COL6A3	nonsynonymous SNV	p.D2224H,COL6A3:NM_057167:exon38:c.G7873C:p.D2625H,COL6A3:NM	NA	rs36104025	D
chr2	2.39E+08	2.39E+08	C	A	exonic	ESPNL	synonymous SNV	ESPNL:NM_194312:exon2:c.C403A:p.R135R	NA	rs34878344	NA
chr2	2.39E+08	2.39E+08	A	C	UTR3	KLHL30	NA	NA	NA	NA	NA

chr2	2.39E+08	2.39E+08	G	T	ncRNA_exonic	LOC151174	NA	NA	NA	NA	NA
chr2	2.4E+08	2.4E+08	-	ATAGATAG	UTR3	HDAC4	NA	NA	NA	NA	NA
chr2	2.4E+08	2.4E+08	G	A	exonic	HDAC4	synonymous SNV	HDAC4:NM_006037:exon21:c.C2565T:p.P855P	NA	rs1063639	NA
chr2	2.4E+08	2.4E+08	T	C	exonic	HDAC4	synonymous SNV	HDAC4:NM_006037:exon18:c.A2361G:p.T787T	NA	rs61752234	NA
chr2	2.41E+08	2.41E+08	T	C	exonic	NDUFA10	synonymous SNV	NDUFA10:NM_004544:exon2:c.A105G:p.K35K	NA	rs2083411	NA
chr2	2.41E+08	2.41E+08	A	G	exonic	PRR21	synonymous SNV	PRR21:NM_001080835:exon1:c.T969C:p.H323H	ID=COSM41568;OCCURENCE=1(lung)	rs112962758	NA
chr2	2.41E+08	2.41E+08	C	T	exonic	PRR21	nonsynonymous SNV	PRR21:NM_001080835:exon1:c.G964A:p.V322I	NA	rs141005183	B
chr2	2.41E+08	2.41E+08	C	T	exonic	PRR21	nonsynonymous SNV	PRR21:NM_001080835:exon1:c.G712A:p.V238I	NA	rs199895422	NA
chr2	2.41E+08	2.41E+08	A	G	exonic	PRR21	synonymous SNV	PRR21:NM_001080835:exon1:c.T633C:p.H211H	NA	NA	NA
chr2	2.41E+08	2.41E+08	C	T	exonic	PRR21	nonsynonymous SNV	PRR21:NM_001080835:exon1:c.G292A:p.V98I	1129269,COSM1129268;OCCURENCE=1	rs112152720	B
chr2	2.41E+08	2.41E+08	A	G	exonic	PRR21	nonsynonymous SNV	PRR21:NM_001080835:exon1:c.T181C:p.S61P	NA	rs74006013	B
chr2	2.41E+08	2.41E+08	G	A	exonic	ANKMY1	nonsynonymous SNV	ANKMY1:NM_016552:exon10:c.C1946T:p.T649M	NA	rs35044862	B
chr2	2.42E+08	2.42E+08	C	T	exonic	PASK	nonsynonymous SNV	_001252124:exon6:c.G748A:p.V250I,PASK:NM_015148:exon6:c.G748A/149119,COSM149120;OCCURENCE=1(	rs1470414	B	
chr2	2.42E+08	2.42E+08	T	G	exonic	HDLBP	nonsynonymous SNV	24C:p.D775A,HDLBP:NM_005336:exon19:c.A2423C:p.D808A,HDLBP:N	NA	NA	D
chr2	2.43E+08	2.43E+08	G	A	UTR3	GAL3ST2	NA	NA	NA	rs744986	NA
chr2	2.43E+08	2.43E+08	T	A	ncRNA_exonic	LOC728323	NA	NA	NA	rs1817840	NA
chr2	2.43E+08	2.43E+08	C	T	ncRNA_exonic	LOC728323	NA	NA	NA	rs1817839	NA
chr3	3151759	3151759	C	T	UTR5	IL5RA	NA	NA	NA	rs2290608	NA
chr3	5222488	5222488	-	AGGGGATAA	UTR3	ARL8B	NA	NA	NA	rs143599604	NA
chr3	8615563	8615563	A	-	ncRNA_exonic	LINC00312	NA	NA	NA	rs5846604	NA
chr3	8775661	8775661	C	T	exonic	CAV3	synonymous SNV	NM_001234:exon1:c.C99T:p.N33N,CAV3:NM_033337:exon1:c.C99T:p	NA	rs1008642	NA
chr3	9519364	9519365	TT	-	UTR3	SETD5	NA	NA	NA	NA	NA
chr3	9745687	9745687	C	A	exonic	CPNE9	unknown	UNKNOWN	NA	NA	P
chr3	9862366	9862366	G	T	exonic	ARPC4-TLL3,TLL3	synonymous SNV	25930:exon7:c.G1095T:p.P365P,ARPC4-TLL3:NM_001198793:exon8:c	NA	NA	NA
chr3	10284239	10284239	A	C	UTR3	IRAK2	NA	NA	NA	NA	NA
chr3	10443827	10443827	G	C	exonic	ATP2B2	synonymous SNV	_001001331:exon4:c.C603G:p.V201V,ATP2B2:NM_001683:exon4:c.C60	NA	rs13084776	NA
chr3	14106084	14106084	T	C	ncRNA_exonic	TPRXL	NA	NA	NA	NA	NA
chr3	14106117	14106117	T	C	ncRNA_exonic	TPRXL	NA	NA	NA	NA	NA
chr3	14106258	14106258	T	C	ncRNA_exonic	TPRXL	NA	NA	NA	NA	NA
chr3	14106285	14106285	T	C	ncRNA_exonic	TPRXL	NA	NA	NA	NA	NA
chr3	14526667	14526667	-	GTGTGT	UTR3	SLC6A6	NA	NA	NA	NA	NA
chr3	14745857	14745857	G	A	exonic	C3orf20	nonsynonymous SNV	6A:p.A176T,C3orf20:NM_001184958:exon7:c.G526A:p.A176T,C3orf20	NA	rs17040196	B
chr3	18427924	18427924	G	T	exonic	SATB1	synonymous SNV	36A:p.P462P,SATB1:NM_001195470:exon8:c.C1386A:p.P462P,SATB1:N	NA	rs2229261	NA
chr3	18465235	18465235	A	-	UTR5	SATB1	NA	NA	NA	rs3838737	NA
chr3	19962044	19962044	G	A	exonic	EFHB	nonsynonymous SNV	EFHB:NM_144715:exon2:c.C805T:p.P269S	NA	rs13078867	NA
chr3	19988758	19988758	-	CGG	UTR5	RAB5A	NA	NA	NA	NA	NA
chr3	20212189	20212189	A	G	UTR3	SGOL1	NA	NA	NA	rs1052930	NA
chr3	21448109	21448109	A	C	ncRNA_exonic	VENTXP7	NA	NA	NA	NA	NA
chr3	21448155	21448155	G	T	ncRNA_exonic	VENTXP7	NA	NA	NA	NA	NA
chr3	21448176	21448181	AAAAAA	-	ncRNA_exonic	VENTXP7	NA	NA	NA	NA	NA
chr3	27414561	27414561	-	A	UTR3	SLC4A7	NA	NA	NA	NA	NA
chr3	29322966	29322966	-	T	UTR5	RBMS3	NA	NA	NA	NA	NA
chr3	33174156	33174156	T	G	exonic	CRTAP	synonymous SNV	CRTAP:NM_006371:exon5:c.T1032G:p.T344T	rs=COSM149349;OCCURENCE=1(stomac	rs1135127	NA
chr3	33174168	33174168	G	A	exonic	CRTAP	synonymous SNV	CRTAP:NM_006371:exon5:c.G1044A:p.S348S	NA	rs1135128	NA
chr3	33188385	33188385	A	-	UTR3	CRTAP	NA	NA	NA	rs57153345	NA
chr3	33430960	33430960	T	G	UTR3	UBP1	NA	NA	NA	NA	NA
chr3	37028931	37028931	-	T	UTR3	EPM2AIP1	NA	NA	NA	rs199570773	NA
chr3	37030404	37030404	A	-	UTR3	EPM2AIP1	NA	NA	NA	NA	NA
chr3	38179998	38179998	A	C	UTR5	MYD88	NA	NA	NA	NA	NA
chr3	38493852	38493852	C	A	ncRNA_exonic	ACVR2B-AS1	NA	NA	NA	rs3762788	NA
chr3	38534223	38534258	ACACACAC	-	UTR3	ACVR2B	NA	NA	NA	NA	NA
chr3	38908944	38908944	T	C	exonic	SCN11A	synonymous SNV	SCN11A:NM_014139:exon23:c.A3819G:p.E1273E	NA	rs148945365	NA
chr3	39186728	39186728	C	T	exonic	CSRNP1	synonymous SNV	CSRNP1:NM_033027:exon3:c.G225A:p.R75R	NA	rs784517	NA
chr3	39521532	39521532	A	-	UTR5	MOBP	NA	NA	NA	NA	NA
chr3	39556457	39556468	GTGTGTGT	-	UTR3	MOBP	NA	NA	NA	rs147433364	NA
chr3	40503520	40503520	-	CTGCTGCTC	exonic	RPL14	nonframeshift insertion	46insCTGCTGCTG:p.T149delinsTAAA,RPL14:NM_003973:exon6:c.445_	NA	NA	NA
chr3	41281412	41281412	-	T	UTR3	CTNNB1	NA	NA	NA	rs34653633	NA
chr3	41877414	41877414	T	C	exonic	ULK4	nonsynonymous SNV	ULK4:NM_017886:exon18:c.A1706G:p.K569R	NA	rs3774372	P
chr3	42706403	42706403	T	G	UTR3	ZBTB47	NA	NA	NA	NA	NA
chr3	42825115	42825115	C	T	UTR3	HIGD1A	NA	NA	NA	rs6442067	NA
chr3	42825568	42825569	AA	-	UTR3	HIGD1A	NA	NA	NA	NA	NA
chr3	45077441	45077441	G	T	UTR3	CLEC3B	NA	NA	NA	NA	NA
chr3	45153708	45153708	G	A	exonic	CDCP1	synonymous SNV	NM_022842:exon3:c.C522T:p.I174I,CDCP1:NM_178181:exon3:c.C522I	NA	rs35501071	NA
chr3	46501213	46501213	T	C	exonic	LTF	nonsynonymous SNV	IM_001199149:exon2:c.A8G:p.K3R,LTF:NM_002343:exon2:c.A140G:p.	NA	rs1126478	B
chr3	46501268	46501268	C	T	exonic	LTF	nonsynonymous SNV	LTF:NM_002343:exon2:c.G85A:p.A29T	NA	rs1126477	B
chr3	46501284	46501284	-	CTT	exonic	LTF	nonframeshift insertion	LTF:NM_002343:exon2:c.69_70insAAG:p.R23delinsRR	NA	rs10662431	NA

chr3	46945263	46945263	-	A	UTR3	PTH1R	NA	NA	NA	NA	NA
chr3	48016254	48016254	-	A	UTR3	MAP4	NA	NA	NA	NA	NA
chr3	48419897	48419897	C	T	exonic	FBXW12	nonsynonymous SNV	_001159929:exon5:c.C439T:p.R147W,FBXW12:NM_207102:exon6:c.C4	NA	rs6442117	P
chr3	48485493	48485493	A	G	UTR3	TMA7	NA	NA	NA	rs7126	NA
chr3	49067296	49067296	A	-	UTR3	QRICH1	NA	NA	NA	NA	NA
chr3	49273996	49273996	C	T	exonic	CCDC36	synonymous SNV	NM_001135197:exon3:c.C72T:p.S24S,CCDC36:NM_178173:exon5:c.C7	NA	rs12631989	NA
chr3	49315576	49315576	T	-	UTR3	USP4	NA	NA	NA	rs11309567	NA
chr3	49395674	49395679	GCCGCC	-	exonic	GPX1	unknown	UNKNOWN	D=COSM446703;OCCURENCE=1(breast	rs28362588	NA
chr3	49723823	49723823	A	G	exonic	MST1	synonymous SNV	MST1:NM_020998:exon8:c.T939C:p.T313T	NA	rs7431215	NA
chr3	50306752	50306752	-	C	exonic	SEMA3B	unknown	UNKNOWN	NA	rs112058630	NA
chr3	52407041	52407041	C	T	exonic	DNAH1	synonymous SNV	DNAH1:NM_015512:exon44:c.C6957T:p.H2319H	NA	rs1546737	NA
chr3	53226653	53226653	-	AA	UTR3	PRKCD	NA	NA	NA	NA	NA
chr3	53321361	53321365	TTTTT	-	UTR3	DPC1A	NA	NA	NA	NA	NA
chr3	54354510	54354510	T	C	exonic	CACNA2D3	synonymous SNV	CACNA2D3:NM_018398:exon3:c.T246C:p.I82I	NA	rs9879885	NA
chr3	54952397	54952397	G	A	UTR3	LRTM1	NA	NA	NA	NA	NA
chr3	54952419	54952419	C	A	UTR3	LRTM1	NA	NA	NA	NA	NA
chr3	55502166	55502166	-	A	UTR3	WNT5A	NA	NA	NA	NA	NA
chr3	57401178	57401178	G	C	exonic	DNAH12	nonsynonymous SNV	DNAH12:NM_178504:exon38:c.C5771G:p.A1924G	NA	rs140326175	NA
chr3	57430988	57430988	G	A	exonic	DNAH12	synonymous SNV	DNAH12:NM_178504:exon28:c.C4269T:p.Y1423Y	NA	rs6768943	NA
chr3	57857404	57857404	C	T	exonic	SLMAP	nonsynonymous SNV	SLMAP:NM_007159:exon11:c.C1177T:p.H393Y	NA	NA	P
chr3	58304608	58304608	C	G	UTR3	RPP14	NA	NA	NA	rs3210776	NA
chr3	59908126	59908126	A	G	exonic	FHIT	synonymous SNV	1_001166243:exon8:c.T294C:p.H98H,FHIT:NM_002012:exon8:c.T294C)=COSM149406;OCCURENCE=1(stomac	rs1385816	NA	NA
chr3	63985905	63985905	T	A	UTR3	ATXN7	NA	NA	NA	NA	NA
chr3	63985952	63985952	T	G	UTR3	ATXN7	NA	NA	NA	NA	NA
chr3	63985956	63985956	T	G	UTR3	ATXN7	NA	NA	NA	NA	NA
chr3	63988880	63988880	G	T	UTR3	ATXN7	NA	NA	NA	NA	NA
chr3	64672480	64672480	T	G	exonic	ADAMTS9	nonsynonymous SNV	ADAMTS9:NM_182920:exon2:c.A280C:p.T94P	NA	NA	P
chr3	65346027	65346027	T	-	UTR3	MAGI1	NA	NA	NA	NA	NA
chr3	66271429	66271429	A	C	UTR5	SLC25A26	NA	NA	NA	NA	NA
chr3	67048762	67048762	T	C	UTR5	KBTBD8	NA	NA	NA	rs4856833	NA
chr3	69070836	69070836	-	T	UTR3	TMF1	NA	NA	NA	NA	NA
chr3	71007806	71007806	T	A	UTR3	FOXP1	NA	NA	NA	NA	NA
chr3	71007843	71007843	T	C	UTR3	FOXP1	NA	NA	NA	NA	NA
chr3	72426068	72426068	T	A	UTR3	RYBP	NA	NA	NA	rs13065475	NA
chr3	72427252	72427252	-	T	UTR3	RYBP	NA	NA	NA	rs11455962	NA
chr3	74344356	74344356	T	G	exonic	CNTN3	synonymous SNV	CNTN3:NM_020872:exon18:c.A2433C:p.A811A	NA	rs10490832	NA
chr3	75713507	75713507	C	T	ncRNA_exonic	FLJ20518	NA	NA	NA	rs199666615	NA
chr3	75715734	75715734	G	A	ncRNA_exonic	FLJ20518	NA	NA	NA	rs138571914	NA
chr3	75716122	75716122	T	C	ncRNA_exonic	FLJ20518	NA	NA	NA	rs139598107	NA
chr3	75786042	75786042	G	A	exonic	ZNF717	nonsynonymous SNV	ZNF717:NM_001128223:exon5:c.C2732T:p.S911F	NA	rs140243156	NA
chr3	75786288	75786288	A	G	exonic	ZNF717	nonsynonymous SNV	ZNF717:NM_001128223:exon5:c.T2486C:p.L829P	l191698;OCCURENCE=1(central_nervou	rs147227180	NA
chr3	75786866	75786866	G	T	exonic	ZNF717	synonymous SNV	ZNF717:NM_001128223:exon5:c.C1908A:p.T636T	NA	rs79516801	NA
chr3	75787099	75787100	CT	-	exonic	ZNF717	frameshift deletion	ZNF717:NM_001128223:exon5:c.1674_1675del:p.558_559del	l192025;OCCURENCE=1(central_nervou	rs146514807	NA
chr3	75787202	75787202	G	T	exonic	ZNF717	synonymous SNV	ZNF717:NM_001128223:exon5:c.C1572A:p.V524V	NA	rs76713735	NA
chr3	75787204	75787204	C	A	exonic	ZNF717	nonsynonymous SNV	ZNF717:NM_001128223:exon5:c.G1570T:p.V524F	NA	rs75063165	NA
chr3	75787208	75787208	G	A	exonic	ZNF717	synonymous SNV	ZNF717:NM_001128223:exon5:c.C1566T:p.L522L	NA	rs79982156	NA
chr3	75787225	75787225	G	A	exonic	ZNF717	nonsynonymous SNV	ZNF717:NM_001128223:exon5:c.C1549T:p.R517C	NA	NA	NA
chr3	75787228	75787228	A	C	exonic	ZNF717	nonsynonymous SNV	ZNF717:NM_001128223:exon5:c.T1546G:p.F516V	NA	rs202139504	NA
chr3	75787235	75787235	C	T	exonic	ZNF717	synonymous SNV	ZNF717:NM_001128223:exon5:c.G1539A:p.G513G	NA	rs200228654	NA
chr3	75787251	75787251	T	C	exonic	ZNF717	nonsynonymous SNV	ZNF717:NM_001128223:exon5:c.A1523G:p.E508G	NA	NA	NA
chr3	75787253	75787253	G	A	exonic	ZNF717	synonymous SNV	ZNF717:NM_001128223:exon5:c.C1521T:p.Y507Y	NA	NA	NA
chr3	75787265	75787265	C	G	exonic	ZNF717	synonymous SNV	ZNF717:NM_001128223:exon5:c.G1509C:p.G503G	NA	rs144538707	NA
chr3	75787305	75787305	C	T	exonic	ZNF717	nonsynonymous SNV	ZNF717:NM_001128223:exon5:c.G1469A:p.R490H	NA	rs77389541	NA
chr3	75787353	75787353	G	A	exonic	ZNF717	nonsynonymous SNV	ZNF717:NM_001128223:exon5:c.C1421T:p.T474I	NA	rs141733687	NA
chr3	75787405	75787405	C	T	exonic	ZNF717	nonsynonymous SNV	ZNF717:NM_001128223:exon5:c.G1369A:p.G457R	NA	rs141106119	NA
chr3	75787427	75787427	T	C	exonic	ZNF717	synonymous SNV	ZNF717:NM_001128223:exon5:c.A1347G:p.K449K	NA	rs199721002	NA
chr3	75787712	75787712	G	A	exonic	ZNF717	synonymous SNV	ZNF717:NM_001128223:exon5:c.C1062T:p.L354L	NA	NA	NA
chr3	75787725	75787725	C	T	exonic	ZNF717	nonsynonymous SNV	ZNF717:NM_001128223:exon5:c.G1049A:p.R350H	NA	rs186706183	NA
chr3	75787729	75787729	G	A	exonic	ZNF717	nonsynonymous SNV	ZNF717:NM_001128223:exon5:c.C1045T:p.R349C	NA	NA	NA
chr3	75788088	75788088	C	T	exonic	ZNF717	nonsynonymous SNV	ZNF717:NM_001128223:exon5:c.G686A:p.R229K	NA	rs151216671	NA
chr3	75788199	75788199	T	C	exonic	ZNF717	nonsynonymous SNV	ZNF717:NM_001128223:exon5:c.A575G:p.H192R	NA	rs146090776	NA
chr3	97517180	97517180	C	A	UTR3	ARL6	NA	NA	NA	NA	NA
chr3	98304467	98304467	T	C	exonic	CPOX	synonymous SNV	CPOX:NM_000097:exon5:c.A990G:p.E330E	NA	rs1729995	NA
chr3	98515882	98515883	AA	-	UTR3	DCBLD2	NA	NA	NA	NA	NA
chr3	1.01E+08	1.01E+08	T	A	exonic	SENP7	nonsynonymous SNV	1077203:exon12:c.A1641T:p.Q547H,SENP7:NM_020654:exon13:c.A1=COSM1130394;OCCURENCE=1(prostat	rs2433031	P	NA
chr3	1.08E+08	1.08E+08	AA	-	UTR3	BBX	NA	NA	NA	NA	NA

chr3	1.08E+08	1.08E+08	A	-	UTR3	BBX	NA	NA	NA	NA	NA
chr3	1.11E+08	1.11E+08	-	TGACTTAT	intronic	PLCXD2	NA	NA	NA	NA	NA
chr3	1.12E+08	1.12E+08	A	G	UTR3	ABHD10	NA	NA	NA	rs1127853	NA
chr3	1.12E+08	1.12E+08	T	G	UTR5	TAGLN3	NA	NA	NA	NA	NA
chr3	1.13E+08	1.13E+08	A	-	UTR3	GTPBP8	NA	NA	NA	rs200301737	NA
chr3	1.13E+08	1.13E+08	-	T	UTR3	BOC	NA	NA	NA	NA	NA
chr3	1.13E+08	1.13E+08	A	T	UTR3	BOC	NA	NA	NA	rs5022662	NA
chr3	1.14E+08	1.14E+08	G	A	UTR3	ZNF80	NA	NA	NA	NA	NA
chr3	1.14E+08	1.14E+08	A	C	UTR3	ZNF80	NA	NA	NA	NA	NA
chr3	1.14E+08	1.14E+08	C	A	UTR3	ZNF80	NA	NA	NA	NA	NA
chr3	1.14E+08	1.14E+08	T	A	UTR3	ZNF80	NA	NA	NA	NA	NA
chr3	1.19E+08	1.19E+08	C	G	exonic	C3orf30	nonsynonymous SNV	C3orf30:NM_152539:exon2:c.C1419G:p.D473E	NA	rs9289122	B
chr3	1.19E+08	1.19E+08	T	-	UTR3	PLA1A	NA	NA	NA	NA	NA
chr3	1.21E+08	1.21E+08	T	C	UTR3	GTF2E1	NA	NA	NA	rs55697401	NA
chr3	1.21E+08	1.21E+08	T	C	exonic	POLQ	nonsynonymous SNV	POLQ:NM_199420:exon28:c.A7538G:p.Q2513R	NA	rs1381057	NA
chr3	1.21E+08	1.21E+08	T	C	UTR3	ARGFX	NA	NA	NA	rs11711973	NA
chr3	1.21E+08	1.21E+08	T	G	UTR3	ARGFX	NA	NA	NA	rs11712050	NA
chr3	1.21E+08	1.21E+08	AT	-	UTR3	ARGFX	NA	NA	NA	rs3044706	NA
chr3	1.22E+08	1.22E+08	A	G	UTR3	CASR	NA	NA	NA	rs9740	NA
chr3	1.22E+08	1.22E+08	A	T	UTR3	CCDC58	NA	NA	NA	rs73855768	NA
chr3	1.22E+08	1.22E+08	-	A	UTR3	KPNA1	NA	NA	NA	NA	NA
chr3	1.22E+08	1.22E+08	G	A	UTR3	DTX3L	NA	NA	NA	rs73192142	NA
chr3	1.22E+08	1.22E+08	A	C	UTR3	DTX3L	NA	NA	NA	NA	NA
chr3	1.22E+08	1.22E+08	T	-	UTR3	DTX3L	NA	NA	NA	NA	NA
chr3	1.23E+08	1.23E+08	T	A	ncRNA_exonic	LOC100129550	NA	NA	NA	rs28375649	NA
chr3	1.24E+08	1.24E+08	C	A	UTR3	CCDC14	NA	NA	NA	NA	NA
chr3	1.24E+08	1.24E+08	G	A	exonic	KALRN	synonymous SNV	J07064:exon2:c.G135A:p.V45V,KALRN:NM_001024660:exon35:c.G522	NA	rs1708303	NA
chr3	1.24E+08	1.24E+08	T	C	exonic	KALRN	synonymous SNV	_007064:exon2:c.T243C:p.L81L,KALRN:NM_001024660:exon35:c.T533	NA	rs1660038	NA
chr3	1.26E+08	1.26E+08	G	C	UTR5	ROPN1B	NA	NA	NA	NA	NA
chr3	1.26E+08	1.26E+08	T	G	UTR5	ROPN1B	NA	NA	NA	NA	NA
chr3	1.26E+08	1.26E+08	G	A	UTR3	KLF15	NA	NA	NA	rs190340804	NA
chr3	1.26E+08	1.26E+08	T	-	UTR3	ZXDC	NA	NA	NA	NA	NA
chr3	1.26E+08	1.26E+08	G	A	UTR3	ZXDC	NA	NA	NA	rs813556	NA
chr3	1.28E+08	1.28E+08	C	T	ncRNA_UTR5	DNAJB8	NA	NA	NA	rs12634139	NA
chr3	1.28E+08	1.28E+08	C	A	UTR5	GATA2	NA	NA	NA	rs1806462	NA
chr3	1.28E+08	1.28E+08	T	-	UTR3	C3orf27	NA	NA	NA	rs200346912	NA
chr3	1.29E+08	1.29E+08	-	T	UTR3	COPG1	NA	NA	NA	rs35073725	NA
chr3	1.29E+08	1.29E+08	C	T	exonic	EFCAB12	nonsynonymous SNV	EFCAB12:NM_207307:exon3:c.G590A:p.R197H	NA	rs62266958	NA
chr3	1.29E+08	1.29E+08	G	A	UTR5	EFCAB12	NA	NA	NA	rs3796391	NA
chr3	1.29E+08	1.29E+08	T	-	UTR3	RHO	NA	NA	NA	rs11359208	NA
chr3	1.3E+08	1.3E+08	G	A	exonic	ALG1L2	synonymous SNV	ALG1L2:NM_001136152:exon2:c.G45A:p.P15P	NA	rs6804080	NA
chr3	1.3E+08	1.3E+08	-	TTT	ncRNA_exonic	COL6A4P2	NA	NA	NA	NA	NA
chr3	1.3E+08	1.3E+08	T	-	intronic	COL6A5	NA	NA	NA	rs11355796	NA
chr3	1.34E+08	1.34E+08	G	C	UTR3	RAB6B	NA	NA	NA	NA	NA
chr3	1.36E+08	1.36E+08	A	-	UTR3	MSL2	NA	NA	NA	NA	NA
chr3	1.36E+08	1.36E+08	A	-	UTR3	MSL2	NA	NA	NA	NA	NA
chr3	1.36E+08	1.36E+08	G	A	UTR3	MSL2	NA	NA	NA	rs78145147	NA
chr3	1.39E+08	1.39E+08	-	TT	UTR3	PRR23C	NA	NA	NA	rs61429017	NA
chr3	1.39E+08	1.39E+08	TGC	-	UTR5	PRR23C	NA	NA	NA	rs63140560	NA
chr3	1.41E+08	1.41E+08	-	A	UTR3	ZBTB38	NA	NA	NA	NA	NA
chr3	1.42E+08	1.42E+08	A	-	UTR3	GK5	NA	NA	NA	rs71153943	NA
chr3	1.42E+08	1.42E+08	A	G	UTR3	GK5	NA	NA	NA	rs112882257	NA
chr3	1.42E+08	1.42E+08	T	-	UTR3	GK5	NA	NA	NA	rs139089663	NA
chr3	1.42E+08	1.42E+08	C	T	UTR3	GK5	NA	NA	NA	rs115936014	NA
chr3	1.42E+08	1.42E+08	A	-	UTR3	GK5	NA	NA	NA	rs137909394	NA
chr3	1.44E+08	1.44E+08	T	-	UTR3	C3orf58	NA	NA	NA	NA	NA
chr3	1.49E+08	1.49E+08	A	G	UTR3	TM4SF18	NA	NA	NA	rs76335061	NA
chr3	1.5E+08	1.5E+08	AAA	-	UTR3	TSC22D2	NA	NA	NA	rs71739355	NA
chr3	1.51E+08	1.51E+08	AC	-	UTR3	CLRN1	NA	NA	NA	rs34027634	NA
chr3	1.51E+08	1.51E+08	A	G	ncRNA_exonic	LOC201651	NA	NA	NA	rs6809359	NA
chr3	1.52E+08	1.52E+08	C	T	ncRNA_UTR5	AADAC	NA	NA	NA	rs2293004	NA
chr3	1.53E+08	1.53E+08	T	-	UTR3	RAP2B	NA	NA	NA	rs112079528	NA
chr3	1.53E+08	1.53E+08	C	T	UTR3	RAP2B	NA	NA	NA	rs138115718	NA
chr3	1.53E+08	1.53E+08	C	T	UTR3	RAP2B	NA	NA	NA	rs144462183	NA
chr3	1.54E+08	1.54E+08	AC	-	UTR3	ARHGEF26	NA	NA	NA	NA	NA
chr3	1.54E+08	1.54E+08	G	A	UTR3	ARHGEF26	NA	NA	NA	NA	NA

chr3	1.54E+08	1.54E+08	TATA	-	UTR3	DHX36	NA	NA	NA	NA	NA
chr3	1.56E+08	1.56E+08	-	G	ncRNA_exonic	TIPARP-AS1	NA	NA	NA	rs74614741	NA
chr3	1.57E+08	1.57E+08	T	-	ncRNA_exonic	PA2G4P4	NA	NA	NA	NA	NA
chr3	1.57E+08	1.57E+08	C	T	UTR3	C3orf55	NA	NA	NA	rs4395360	NA
chr3	1.59E+08	1.59E+08	A	G	exonic	MFSD1	nonsynonymous SNV	_001167903:exon7:c.A688G;p.I230V,MFSD1:NM_022736:exon8:c.A8C	NA	rs3765083	B
chr3	1.65E+08	1.65E+08	T	C	exonic	SI	nonsynonymous SNV	SI:NM_001041:exon7:c.A691G;p.T231A	NA	rs9283633	NA
chr3	1.65E+08	1.65E+08	C	T	UTR3	BCHE	NA	NA	NA	rs3495	NA
chr3	1.67E+08	1.67E+08	T	A	exonic	ZBBX	nonsynonymous SNV	:80T:p.K160N,ZBBX:NM_001199202:exon9:c.A393T;p.K131N,ZBBX:NM	NA	rs4619784	P
chr3	1.67E+08	1.67E+08	A	G	exonic	WDR49	nonsynonymous SNV	WDR49:NM_178824:exon14:c.T1952C;p.L651P	NA	rs13060964	B
chr3	1.69E+08	1.69E+08	G	A	ncRNA_exonic	EGFEM1P	NA	NA	NA	rs139803907	NA
chr3	1.7E+08	1.7E+08	G	T	UTR3	CLDN11	NA	NA	NA	NA	NA
chr3	1.71E+08	1.71E+08	G	T	UTR3	EIF5A2	NA	NA	NA	rs192130148	NA
chr3	1.71E+08	1.71E+08	C	T	UTR3	EIF5A2	NA	NA	NA	NA	NA
chr3	1.71E+08	1.71E+08	C	T	UTR3	EIF5A2	NA	NA	NA	NA	NA
chr3	1.71E+08	1.71E+08	C	T	exonic	TNIK	nonsynonymous SNV	1161565:exon24:c.G2893A;p.E965K,TNIK:NM_001161560:exon25:c.G	NA	NA	NA
chr3	1.71E+08	1.71E+08	C	T	exonic	TNIK	nonsynonymous SNV	01161565:exon23:c.G2743A;p.A915T,TNIK:NM_001161560:exon24:c.C	NA	rs17857452	NA
chr3	1.71E+08	1.71E+08	A	G	exonic	PLD1	synonymous SNV	01130081:exon16:c.T1770C;p.R590R,PLD1:NM_002662:exon17:c.T18	NA	rs2124147	NA
chr3	1.77E+08	1.77E+08	A	-	UTR3	TBL1XR1	NA	NA	NA	NA	NA
chr3	1.8E+08	1.8E+08	T	G	UTR3	CCDC39	NA	NA	NA	NA	NA
chr3	1.81E+08	1.81E+08	CACACACA	-	ncRNA_exonic	SOX2-OT	NA	NA	NA	NA	NA
chr3	1.83E+08	1.83E+08	T	G	UTR3	KLHL6	NA	NA	NA	NA	NA
chr3	1.84E+08	1.84E+08	A	G	exonic	PARL	synonymous SNV	PARL:NM_018622:exon6:c.T648C;p.H216H	rs13091	NA	NA
chr3	1.84E+08	1.84E+08	G	-	exonic	HTR3E	frameshift deletion	i2delG;p.R21fs,HTR3E:NM_182589:exon1:c.62delG;p.R21fs,HTR3E:NM	NA	rs5855015	NA
chr3	1.84E+08	1.84E+08	G	A	exonic	HTR3E	nonsynonymous SNV	i256A;p.A86T,HTR3E:NM_198314:exon1:c.G256A;p.A86T,HTR3E:NM_C	NA	rs7627615	B
chr3	1.85E+08	1.85E+08	T	-	UTR3	IGF2BP2	NA	NA	NA	NA	NA
chr3	1.86E+08	1.86E+08	G	-	UTR3	ETV5	NA	NA	NA	rs200001879	NA
chr3	1.86E+08	1.86E+08	A	G	UTR3	DGKG	NA	NA	NA	rs13089860	NA
chr3	1.86E+08	1.86E+08	T	G	UTR3	TBCCD1	NA	NA	NA	rs4686430	NA
chr3	1.87E+08	1.87E+08	C	T	UTR3	RTP4	NA	NA	NA	rs9028	NA
chr3	1.88E+08	1.88E+08	AGAG	-	ncRNA_exonic	FLJ42393	NA	NA	NA	NA	NA
chr3	1.88E+08	1.88E+08	G	A	ncRNA_exonic	FLJ42393	NA	NA	NA	rs344952	NA
chr3	1.9E+08	1.9E+08	TGTGTG	-	UTR3	LEPREL1	NA	NA	NA	rs150725503	NA
chr3	1.9E+08	1.9E+08	T	C	exonic	LEPREL1	synonymous SNV	LEPREL1:NM_018192:exon2:c.A507G;p.E169E	NA	rs9821880	NA
chr3	1.9E+08	1.9E+08	C	A	UTR5	CLDN1	NA	NA	NA	rs12696600	NA
chr3	1.91E+08	1.91E+08	C	T	UTR3	UTS2B	NA	NA	NA	rs10937466	NA
chr3	1.94E+08	1.94E+08	-	AAA	UTR5	HES1	NA	NA	NA	NA	NA
chr3	1.94E+08	1.94E+08	G	A	UTR3	CPN2	NA	NA	NA	rs1048996	NA
chr3	1.94E+08	1.94E+08	-	G	UTR3	ATP13A3	NA	NA	NA	NA	NA
chr3	1.94E+08	1.94E+08	-	A	UTR3	FAM43A	NA	NA	NA	rs11457805	NA
chr3	1.95E+08	1.95E+08	G	A	UTR3	XXYLT1	NA	NA	NA	rs2720930	NA
chr3	1.95E+08	1.95E+08	A	-	UTR3	ACAP2	NA	NA	NA	rs200248324	NA
chr3	1.95E+08	1.95E+08	-	GGCG	UTR3	APOD	NA	NA	NA	rs146445395	NA
chr3	1.95E+08	1.95E+08	T	G	UTR3	APOD	NA	NA	NA	NA	NA
chr3	1.95E+08	1.95E+08	T	A	ncRNA_exonic	SDHAP2	NA	NA	ID=COSN404760;OCCURENCE=1(lung)	rs6583274	NA
chr3	1.95E+08	1.95E+08	C	T	ncRNA_exonic	SDHAP2	NA	NA	ID=COSN404761;OCCURENCE=1(lung)	rs6583275	NA
chr3	1.95E+08	1.95E+08	T	A	UTR3	MUC20	NA	NA	NA	rs1808432	NA
chr3	1.95E+08	1.95E+08	G	C	UTR3	MUC20	NA	NA	NA	rs903195	NA
chr3	1.95E+08	1.95E+08	G	-	UTR3	MUC4	NA	NA	NA	NA	NA
chr3	1.95E+08	1.95E+08	G	-	UTR3	MUC4	NA	NA	NA	rs145605189	NA
chr3	1.96E+08	1.96E+08	C	T	exonic	MUC4	nonsynonymous SNV	JA:p.G37D,MUC4:NM_004532:exon3:c.G263A;p.G88D,MUC4:NM_018	NA	rs2259292	NA
chr3	1.96E+08	1.96E+08	A	G	exonic	MUC4	synonymous SNV	MUC4:NM_018406:exon2:c.T12255C;p.D4085D	NA	rs143382980	NA
chr3	1.96E+08	1.96E+08	T	G	exonic	MUC4	nonsynonymous SNV	MUC4:NM_018406:exon2:c.A12016C;p.T4006P	NA	rs199490754	NA
chr3	1.96E+08	1.96E+08	C	T	exonic	MUC4	nonsynonymous SNV	MUC4:NM_018406:exon2:c.G11296A;p.A3766T	NA	rs202193697	NA
chr3	1.96E+08	1.96E+08	G	A	exonic	MUC4	nonsynonymous SNV	MUC4:NM_018406:exon2:c.C11258T;p.A3753V	NA	rs201474621	NA
chr3	1.96E+08	1.96E+08	C	A	exonic	MUC4	nonsynonymous SNV	MUC4:NM_018406:exon2:c.G11209T;p.A3737S	NA	rs112808291	NA
chr3	1.96E+08	1.96E+08	G	T	exonic	MUC4	nonsynonymous SNV	MUC4:NM_018406:exon2:c.C11200A;p.P3734T	NA	rs201456607	NA
chr3	1.96E+08	1.96E+08	C	T	exonic	MUC4	nonsynonymous SNV	MUC4:NM_018406:exon2:c.G11053A;p.D3685N	NA	NA	NA
chr3	1.96E+08	1.96E+08	T	C	exonic	MUC4	nonsynonymous SNV	MUC4:NM_018406:exon2:c.A11032G;p.T3678A	NA	NA	NA
chr3	1.96E+08	1.96E+08	C	G	exonic	MUC4	nonsynonymous SNV	MUC4:NM_018406:exon2:c.G10768C;p.A3590P	NA	NA	NA
chr3	1.96E+08	1.96E+08	G	T	exonic	MUC4	synonymous SNV	MUC4:NM_018406:exon2:c.C10734A;p.S3578S	rs136990;OCCURENCE=1(kidney)	NA	NA
chr3	1.96E+08	1.96E+08	G	C	exonic	MUC4	synonymous SNV	MUC4:NM_018406:exon2:c.C10653G;p.T3551T	NA	NA	NA
chr3	1.96E+08	1.96E+08	C	G	exonic	MUC4	nonsynonymous SNV	MUC4:NM_018406:exon2:c.G10213C;p.D3405H	NA	rs199592227	NA
chr3	1.96E+08	1.96E+08	C	G	exonic	MUC4	nonsynonymous SNV	MUC4:NM_018406:exon2:c.G9903C;p.E3301D	NA	NA	NA
chr3	1.96E+08	1.96E+08	A	G	exonic	MUC4	nonsynonymous SNV	MUC4:NM_018406:exon2:c.T9290C;p.V3097A	NA	rs79582237	NA
chr3	1.96E+08	1.96E+08	C	T	exonic	MUC4	nonsynonymous SNV	MUC4:NM_018406:exon2:c.G8656A;p.A2886T	NA	rs201497773	NA
chr3	1.96E+08	1.96E+08	A	G	exonic	MUC4	nonsynonymous SNV	MUC4:NM_018406:exon2:c.T8572C;p.S2858P	OSM1042886;OCCURENCE=2(endometri	NA	NA

chr3	1.96E+08	1.96E+08	T	C	exonic	MUC4	nonsynonymous SNV	MUC4:NM_018406:exon2:c.A8200G:p.T2734A	NA	NA	NA
chr3	1.96E+08	1.96E+08	G	C	exonic	MUC4	nonsynonymous SNV	MUC4:NM_018406:exon2:c.C8199G:p.D2733E	NA	NA	NA
chr3	1.96E+08	1.96E+08	T	C	exonic	MUC4	nonsynonymous SNV	MUC4:NM_018406:exon2:c.A8029G:p.S2677G	NA	NA	NA
chr3	1.96E+08	1.96E+08	C	G	exonic	MUC4	nonsynonymous SNV	MUC4:NM_018406:exon2:c.G7168C:p.A2390P	NA	NA	NA
chr3	1.96E+08	1.96E+08	C	T	exonic	MUC4	nonsynonymous SNV	MUC4:NM_018406:exon2:c.G7048A:p.A2350T	NA	rs78846267	NA
chr3	1.96E+08	1.96E+08	C	T	exonic	MUC4	nonsynonymous SNV	MUC4:NM_018406:exon2:c.G6952A:p.A2318T	NA	rs71321831	NA
chr3	1.96E+08	1.96E+08	T	A	exonic	MUC4	nonsynonymous SNV	MUC4:NM_018406:exon2:c.A6895T:p.T2299S	1149600,COSM149599;OCCURENCE=1(	rs79961534	NA
chr3	1.96E+08	1.96E+08	A	G	exonic	MUC4	nonsynonymous SNV	MUC4:NM_018406:exon2:c.T6814C:p.S2272P	ID=COSM396033;OCCURENCE=1(lung)	rs71187734	NA
chr3	1.96E+08	1.96E+08	G	A	exonic	MUC4	synonymous SNV	MUC4:NM_018406:exon2:c.C6783T:p.D2261D	NA	rs3107748	NA
chr3	1.96E+08	1.96E+08	G	A	exonic	MUC4	nonsynonymous SNV	MUC4:NM_018406:exon2:c.C6164T:p.S2055F	NA	rs113602668	NA
chr3	1.96E+08	1.96E+08	G	A	exonic	MUC4	synonymous SNV	MUC4:NM_018406:exon2:c.C6108T:p.T2036T	1149604,COSM149603;OCCURENCE=1(	rs113457754	NA
chr3	1.96E+08	1.96E+08	A	G	exonic	MUC4	synonymous SNV	MUC4:NM_018406:exon2:c.T5700C:p.G1900G	NA	NA	NA
chr3	1.96E+08	1.96E+08	G	C	exonic	MUC4	nonsynonymous SNV	MUC4:NM_018406:exon2:c.C5315G:p.A1772G	NA	rs140116971	NA
chr3	1.96E+08	1.96E+08	A	G	exonic	MUC4	synonymous SNV	MUC4:NM_018406:exon2:c.T5196C:p.T1732T	NA	NA	NA
chr3	1.96E+08	1.96E+08	A	G	exonic	MUC4	nonsynonymous SNV	MUC4:NM_018406:exon2:c.T5162C:p.V1721A	NA	rs202065211	NA
chr3	1.96E+08	1.96E+08	A	G	exonic	MUC4	nonsynonymous SNV	MUC4:NM_018406:exon2:c.T4442C:p.V1481A	NA	NA	NA
chr3	1.96E+08	1.96E+08	A	G	exonic	MUC4	synonymous SNV	MUC4:NM_018406:exon2:c.T3996C:p.T1332T	NA	rs79619815	NA
chr3	1.96E+08	1.96E+08	C	G	exonic	MUC4	nonsynonymous SNV	MUC4:NM_018406:exon2:c.G3981C:p.M1327I	NA	rs200851738	NA
chr3	1.96E+08	1.96E+08	T	A	exonic	MUC4	synonymous SNV	MUC4:NM_018406:exon2:c.A3723T:p.A1241A	NA	NA	NA
chr3	1.96E+08	1.96E+08	T	A	exonic	MUC4	synonymous SNV	MUC4:NM_018406:exon2:c.A3636T:p.G1212G	NA	rs201186280	NA
chr3	1.96E+08	1.96E+08	C	G	exonic	MUC4	nonsynonymous SNV	MUC4:NM_018406:exon2:c.G3443C:p.G1148A	NA	rs201451131	NA
chr3	1.98E+08	1.98E+08	T	C	exonic	LRCH3	synonymous SNV	LRCH3:NM_032773:exon10:c.T1314C:p.Y438Y	NA	rs17850206	NA
chr3	1.98E+08	1.98E+08	T	C	UTR3	LMLN	NA	NA	NA	NA	NA
chr4	664028	664028	-	T	UTR3	PDE6B	NA	NA	NA	NA	NA
chr4	844781	844781	G	A	exonic	GAK	synonymous SNV	GAK:NM_005255:exon26:c.C3600T:p.T1200T	OSM287830;OCCURENCE=1(large_intes	rs75072999	NA
chr4	860192	860192	A	G	exonic	GAK	synonymous SNV	GAK:NM_005255:exon22:c.T3003C:p.S1001S	NA	rs1064207	NA
chr4	944210	944210	A	C	exonic	TMEM175	nonsynonymous SNV	TMEM175:NM_032326:exon4:c.A194C:p.Q65P	NA	rs34884217	B
chr4	1191486	1191486	-	T	ncRNA_exonic	LOC100130872	NA	NA	NA	NA	NA
chr4	1192409	1192409	G	A	ncRNA_exonic	LOC100130872	NA	NA	NA	rs875475	NA
chr4	1388379	1388379	G	A	exonic	CRIPAK	nonsynonymous SNV	CRIPAK:NM_175918:exon1:c.G80A:p.C27Y	NA	rs56109734	D
chr4	1388429	1388429	G	A	exonic	CRIPAK	nonsynonymous SNV	CRIPAK:NM_175918:exon1:c.G130A:p.A44T	NA	rs79298048	B
chr4	1388631	1388631	C	G	exonic	CRIPAK	nonsynonymous SNV	CRIPAK:NM_175918:exon1:c.C332G:p.P111R	ID=COSM227471;OCCURENCE=1(skin)	rs200849975	NA
chr4	1388867	1388867	A	C	exonic	CRIPAK	nonsynonymous SNV	CRIPAK:NM_175918:exon1:c.A568C:p.I190L	NA	rs76058011	NA
chr4	1389154	1389154	G	C	exonic	CRIPAK	synonymous SNV	CRIPAK:NM_175918:exon1:c.G855C:p.P285P	NA	NA	NA
chr4	1389380	1389380	T	G	exonic	CRIPAK	nonsynonymous SNV	CRIPAK:NM_175918:exon1:c.T1081G:p.C361G	NA	NA	D
chr4	1813925	1813925	-	A	UTR3	LETM1	NA	NA	NA	NA	NA
chr4	1814119	1814119	T	G	UTR3	LETM1	NA	NA	NA	NA	NA
chr4	2233250	2233250	C	T	UTR3	HAUS3	NA	NA	NA	rs183516458	NA
chr4	2252201	2252201	C	T	UTR3	MXD4	NA	NA	NA	rs1052682	NA
chr4	3240568	3240568	C	A	exonic	HTT	synonymous SNV	HTT:NM_002111:exon66:c.C9078A:p.T3026T	NA	NA	NA
chr4	3475252	3475252	T	C	exonic	DOK7	synonymous SNV	M_001164673:exon3:c.T220C:p.L74L,DOK7:NM_173660:exon3:c.T220	NA	rs4325970	NA
chr4	4190576	4190576	C	G	exonic	OTOP1	nonsynonymous SNV	OTOP1:NM_177998:exon6:c.G1793C:p.R598P	NA	rs199742451	D
chr4	4190577	4190577	G	C	exonic	OTOP1	nonsynonymous SNV	OTOP1:NM_177998:exon6:c.C1792G:p.R598G	NA	rs200368405	D
chr4	4190595	4190595	G	C	exonic	OTOP1	nonsynonymous SNV	OTOP1:NM_177998:exon6:c.C1774G:p.P592A	NA	rs2310687	D
chr4	5814052	5814052	T	C	UTR3	EVC	NA	NA	NA	NA	NA
chr4	7044357	7044357	A	G	exonic	CCDC96	synonymous SNV	CCDC96:NM_153376:exon1:c.T309C:p.V103V	NA	rs871133	NA
chr4	8583312	8583312	A	C	exonic	GPR78	nonsynonymous SNV	GPR78:NM_080819:exon1:c.A603C:p.R201S	NA	rs17844778	B
chr4	8869257	8869257	A	G	UTR3	HMX1	NA	NA	NA	rs13303067	NA
chr4	10515142	10515142	C	T	exonic	CLNK	synonymous SNV	CLNK:NM_052964:exon16:c.G852A:p.L284L	NA	rs114623663	NA
chr4	11400431	11400431	T	-	UTR3	HS3ST1	NA	NA	NA	NA	NA
chr4	13335614	13335614	A	G	intergenic	1(dist=1905077),RAB28(dist=	NA	NA	NA	rs150340205	NA
chr4	17634213	17634213	A	G	exonic	FAM184B	nonsynonymous SNV	FAM184B:NM_015688:exon18:c.T3125C:p.V1042A	NA	rs6825562	NA
chr4	20731089	20731089	-	AC	UTR3	KCNIP4	NA	NA	NA	NA	NA
chr4	20731092	20731092	-	TTTAAATG1	UTR3	KCNIP4	NA	NA	NA	NA	NA
chr4	20731213	20731213	-	TTTTAATCT	UTR3	KCNIP4	NA	NA	NA	NA	NA
chr4	20731232	20731242	-	AAATGGAA	UTR3	KCNIP4	NA	NA	NA	rs151224175	NA
chr4	20852244	20852244	A	G	exonic	KCNIP4	synonymous SNV	1:NM_001035004:exon2:c.T24C:p.P8P,KCNIP4:NM_025221:exon2:c.T1	NA	rs3765122	NA
chr4	21850576	21850576	-	GTGTGTGC	ncRNA_exonic	KCNIP4-IT1	NA	NA	NA	rs145269724	NA
chr4	26585881	26585881	C	T	exonic	TBC1D19	synonymous SNV	TBC1D19:NM_018317:exon1:c.C66T:p.S22S	NA	rs4692549	NA
chr4	31147973	31147980	-	AAATAAAT	UTR3	PCDH7	NA	NA	NA	rs145102344	NA
chr4	37593975	37593975	-	A	UTR3	C4orf19	NA	NA	NA	NA	NA
chr4	37613930	37613930	G	A	UTR3	RELL1	NA	NA	NA	rs17495047	NA
chr4	39450940	39450940	-	A	UTR3	KLB	NA	NA	NA	rs35648143	NA
chr4	39451560	39451565	-	AATAAA	UTR3	KLB	NA	NA	NA	rs145759953	NA
chr4	39458051	39458051	A	G	exonic	RPL9	synonymous SNV	l_001024921:exon4:c.T366C:p.Y122Y,RPL9:NM_000661:exon5:c.T366C	NA	rs1065744	NA
chr4	39478832	39478832	G	A	UTR3	LIAS	NA	NA	NA	rs1048140	NA

chr4	39501723	39501723	A	-	UTR3	UGDH	NA	NA	NA	NA	NA
chr4	39529146	39529146	T	C	UTR5	UGDH	NA	NA	NA	rs12642711	NA
chr4	40044556	40044556	G	T	ncRNA_exonic	LOC344967	NA	NA	NA	NA	NA
chr4	40438576	40438576	A	G	exonic	RBM47	synonymous SNV	RBM47:NM_001098634:exon5:c.T1212C:p.G404G	NA	rs2307046	NA
chr4	40812639	40812639	C	A	UTR3	APBB2	NA	NA	NA	NA	NA
chr4	41746101	41746101	G	A	UTR3	PHOX2B	NA	NA	NA	NA	NA
chr4	41746127	41746127	C	A	UTR3	PHOX2B	NA	NA	NA	NA	NA
chr4	43032612	43032612	G	A	UTR3	GRXCR1	NA	NA	NA	rs4861050	NA
chr4	44701750	44701750	A	C	UTR3	GUF1	NA	NA	NA	rs6812211	NA
chr4	44701764	44701764	T	G	UTR3	GUF1	NA	NA	NA	rs6817397	NA
chr4	47428446	47428447	AA	-	UTR3	GABRB1	NA	NA	NA	NA	NA
chr4	48038716	48038716	G	A	UTR3	NIPAL1	NA	NA	NA	rs11722463	NA
chr4	48500089	48500089	T	-	UTR3	FRYL	NA	NA	NA	rs59265109	NA
chr4	52780989	52780989	-	T	UTR3	DCUN1D4	NA	NA	NA	NA	NA
chr4	53739938	53739938	T	-	UTR3	SCFD2	NA	NA	NA	NA	NA
chr4	54876132	54876132	C	-	UTR3	CHIC2	NA	NA	NA	rs68107873	NA
chr4	56899013	56899013	-	iTGTGTGTG	UTR3	CEP135	NA	NA	NA	NA	NA
chr4	56899377	56899377	A	G	UTR3	CEP135	NA	NA	NA	rs12512313	NA
chr4	57220242	57220242	C	A	exonic	AASDH	nonsynonymous SNV	AASDH:NM_181806:exon8:c.G1346T:p.R449L	NA	NA	D
chr4	57326996	57326996	C	T	UTR3	PAICS	NA	NA	NA	rs1140982	NA
chr4	57371391	57371391	A	T	UTR5	ARL9	NA	NA	NA	rs17086919	NA
chr4	68483772	68483772	C	A	UTR3	UBA6	NA	NA	NA	rs75660867	NA
chr4	69512381	69512381	C	T	UTR3	UGT2B15	NA	NA	NA	NA	NA
chr4	71029602	71029602	T	-	UTR3	C4orf40	NA	NA	NA	rs71210152	NA
chr4	71117016	71117016	T	G	UTR3	CSN3	NA	NA	NA	rs62308392	NA
chr4	72435944	72435973	TTCAGCCTC	-	UTR3	SLC4A4	NA	NA	NA	NA	NA
chr4	75975077	75975077	T	-	UTR3	PARM1	NA	NA	NA	NA	NA
chr4	76720885	76720885	T	C	exonic	USO1	unknown	UNKNOWN	NA	rs13119659	NA
chr4	76871264	76871264	C	A	UTR3	SDAD1	NA	NA	NA	NA	NA
chr4	76871270	76871270	C	A	UTR3	SDAD1	NA	NA	NA	NA	NA
chr4	77662125	77662125	C	T	exonic	SHROOM3	synonymous SNV	SHROOM3:NM_020859:exon5:c.C2799T:p.S933S	NA	rs36036308	NA
chr4	77701688	77701688	A	-	UTR3	SHROOM3	NA	NA	NA	rs11325137	NA
chr4	78635594	78635615	AAAAAAAA	-	UTR3	CNOT6L	NA	NA	NA	NA	NA
chr4	84011704	84011704	G	A	UTR3	PLAC8	NA	NA	NA	NA	NA
chr4	84383373	84383373	C	-	UTR3	FAM175A	NA	NA	NA	rs34610900	NA
chr4	85927783	85927783	A	-	ncRNA_exonic	WDFY3-AS2	NA	NA	NA	rs10715207	NA
chr4	86396465	86396465	T	G	UTR5	ARHGAP24	NA	NA	NA	NA	NA
chr4	88536869	88536886	CAGCAGCA	-	exonic	DSPP	nonframeshift deletion	DSPP:NM_014208:exon5:c.3055_3072del:p.1019_1024del	NA	NA	NA
chr4	88536980	88536980	A	G	exonic	DSPP	nonsynonymous SNV	DSPP:NM_014208:exon5:c.A3166G:p.N1056D	NA	rs201074114	NA
chr4	88537024	88537024	T	C	exonic	DSPP	synonymous SNV	DSPP:NM_014208:exon5:c.T3210C:p.S1070S	NA	NA	NA
chr4	88537123	88537123	C	T	exonic	DSPP	synonymous SNV	DSPP:NM_014208:exon5:c.C3309T:p.S1103S	NA	NA	NA
chr4	88537180	88537180	T	C	exonic	DSPP	synonymous SNV	DSPP:NM_014208:exon5:c.T3366C:p.N1122N	NA	NA	NA
chr4	88537216	88537216	T	C	exonic	DSPP	synonymous SNV	DSPP:NM_014208:exon5:c.T3402C:p.D1134D	NA	NA	NA
chr4	89650211	89650212	TT	-	ncRNA_exonic	FAM13A-AS1	NA	NA	NA	NA	NA
chr4	90645853	90645853	C	T	UTR3	SNCA	NA	NA	NA	NA	NA
chr4	90646469	90646469	-	AAAAA	UTR3	SNCA	NA	NA	NA	NA	NA
chr4	90875762	90875762	A	T	UTR3	MMRN1	NA	NA	NA	rs114018162	NA
chr4	91759710	91759710	-	A	intronic	CCSER1	NA	NA	NA	NA	NA
chr4	96076621	96076621	G	A	UTR3	BMPR1B	NA	NA	NA	NA	NA
chr4	99850448	99850448	A	C	UTR5	EIF4E	NA	NA	NA	NA	NA
chr4	99850451	99850451	T	-	UTR5	EIF4E	NA	NA	NA	NA	NA
chr4	1E+08	1E+08	A	T	exonic	ADH6	nonsynonymous SNV	ADH6:NM_000672:exon1:c.T4A:p.C2S,ADH6:NM_001102470:exon1:c.T4A:p.C2S	NA	rs4699735	B
chr4	1E+08	1E+08	A	G	exonic	ADH1B	synonymous SNV	ADH1B:NM_000668:exon6:c.T753C:p.I251I	NA	rs1789882	NA
chr4	1E+08	1E+08	C	T	exonic	ADH1C	unknown	UNKNOWN	NA	rs1693425	NA
chr4	1E+08	1E+08	-	T	UTR3	TRMT10A	NA	NA	NA	rs149160816	NA
chr4	1.01E+08	1.01E+08	AA	-	UTR3	MTTP	NA	NA	NA	NA	NA
chr4	1.01E+08	1.01E+08	C	T	UTR3	EMCN	NA	NA	NA	NA	NA
chr4	1.02E+08	1.02E+08	-	TT	UTR3	PPP3CA	NA	NA	NA	NA	NA
chr4	1.03E+08	1.03E+08	G	A	UTR3	SLC39A8	NA	NA	NA	rs190178	NA
chr4	1.03E+08	1.03E+08	C	T	UTR3	SLC39A8	NA	NA	NA	rs58321370	NA
chr4	1.04E+08	1.04E+08	C	A	UTR3	NFKB1	NA	NA	NA	NA	NA
chr4	1.04E+08	1.04E+08	T	C	UTR3	CISD2	NA	NA	NA	rs7439174	NA
chr4	1.04E+08	1.04E+08	TG	-	UTR3	CISD2	NA	NA	NA	rs199492696	NA
chr4	1.09E+08	1.09E+08	G	A	ncRNA_exonic	RPL34-AS1	NA	NA	NA	rs74676576	NA
chr4	1.1E+08	1.1E+08	T	G	exonic	COL25A1	synonymous SNV	COL25A1:NM_032518:exon34:c.A1839C:p.G613G, COL25A1:NM_032518:exon34:c.A1839C:p.G613G	NA	rs7689008	NA
chr4	1.14E+08	1.14E+08	C	T	UTR3	CAMK2D	NA	NA	NA	rs12511604	NA

chr4	1.14E+08	1.14E+08	-	A	UTR3	CAMK2D	NA	NA	NA	NA	NA
chr4	1.2E+08	1.2E+08	AAA	-	UTR5	USP53	NA	NA	NA	NA	NA
chr4	1.22E+08	1.22E+08	T	-	UTR3	TNIP3	NA	NA	NA	NA	NA
chr4	1.22E+08	1.22E+08	T	G	UTR3	TNIP3	NA	NA	NA	NA	NA
chr4	1.22E+08	1.22E+08	ACACACAC	-	UTR3	TNIP3	NA	NA	NA	rs10561132	NA
chr4	1.23E+08	1.23E+08	T	C	UTR3	TMEM155	NA	NA	NA	rs4342205	NA
chr4	1.23E+08	1.23E+08	G	C	ncRNA_exonic	PP12613	NA	NA	NA	rs4833772	NA
chr4	1.23E+08	1.23E+08	G	C	UTR5	BBS7	NA	NA	NA	rs2271176	NA
chr4	1.24E+08	1.24E+08	T	-	UTR3	SPATA5	NA	NA	NA	rs11306876	NA
chr4	1.24E+08	1.24E+08	G	A	UTR3	SPATA5	NA	NA	NA	rs2132078	NA
chr4	1.29E+08	1.29E+08	G	T	UTR5	HSPA4L	NA	NA	NA	NA	NA
chr4	1.4E+08	1.4E+08	TA	-	UTR3	ELF2	NA	NA	NA	rs113800639	NA
chr4	1.41E+08	1.41E+08	C	T	exonic	MAML3	synonymous SNV	MAML3:NM_018717:exon2:c.G1479A:p.Q493Q	NA	rs62344937	NA
chr4	1.43E+08	1.43E+08	G	A	exonic	INPP4B	synonymous SNV	_001101669:exon7:c.C369T:p.D123D,INPP4B:NM_003866:exon8:c.C30=COSM149743;OCCURENCE=1(stomac	rs1982966	NA	NA
chr4	1.46E+08	1.46E+08	C	A	UTR3	SMAD1	NA	NA	NA	rs62343509	NA
chr4	1.47E+08	1.47E+08	A	-	UTR3	MMAA	NA	NA	NA	rs33978754	NA
chr4	1.51E+08	1.51E+08	C	T	exonic	DCLK2	nonsynonymous SNV	1040260:exon16:c.C2242T:p.P748S,DCLK2:NM_001040261:exon17:c.C	NA	rs13152819	NA
chr4	1.51E+08	1.51E+08	C	G	exonic	DCLK2	nonsynonymous SNV	.040260:exon16:c.C2243G:p.P748R,DCLK2:NM_001040261:exon17:c.C	NA	rs60939896	NA
chr4	1.51E+08	1.51E+08	C	G	UTR3	DCLK2	NA	NA	NA	rs13101461	NA
chr4	1.52E+08	1.52E+08	C	-	UTR3	MAB21L2	NA	NA	NA	rs67191302	NA
chr4	1.52E+08	1.52E+08	TCT	-	UTR5	FAM160A1	NA	NA	NA	rs201341310	NA
chr4	1.54E+08	1.54E+08	T	C	exonic	FHDC1	nonsynonymous SNV	FHDC1:NM_033393:exon11:c.T1579C:p.S527P	NA	NA	B
chr4	1.54E+08	1.54E+08	A	C	exonic	FHDC1	nonsynonymous SNV	FHDC1:NM_033393:exon11:c.A1606C:p.T536P	NA	NA	P
chr4	1.54E+08	1.54E+08	T	G	exonic	TRIM2	synonymous SNV	_001130067:exon3:c.T324G:p.T108T,TRIM2:NM_015271:exon3:c.T40!	NA	rs2289409	NA
chr4	1.54E+08	1.54E+08	-	T	UTR3	TRIM2	NA	NA	NA	rs71598263	NA
chr4	1.56E+08	1.56E+08	A	G	UTR3	LRAT	NA	NA	NA	rs77071498	NA
chr4	1.56E+08	1.56E+08	T	-	UTR3	RBM46	NA	NA	NA	rs34773010	NA
chr4	1.56E+08	1.56E+08	A	G	UTR5	MAP9	NA	NA	ID=COSN404819;OCCURENCE=1(lung)	rs17377679	NA
chr4	1.57E+08	1.57E+08	-	A	UTR3	GUCY1A3	NA	NA	NA	NA	NA
chr4	1.58E+08	1.58E+08	TG	-	UTR5	GRIA2	NA	NA	NA	rs71934280	NA
chr4	1.6E+08	1.6E+08	C	T	UTR5	PPID	NA	NA	NA	rs2070629	NA
chr4	1.6E+08	1.6E+08	A	-	UTR3	FNIP2	NA	NA	NA	rs11340968	NA
chr4	1.66E+08	1.66E+08	T	C	UTR3	TRIM61	NA	NA	NA	rs6834073	NA
chr4	1.66E+08	1.66E+08	T	-	UTR3	TMEM192	NA	NA	NA	NA	NA
chr4	1.67E+08	1.67E+08	-	AA	UTR3	TLL1	NA	NA	NA	NA	NA
chr4	1.69E+08	1.69E+08	T	C	exonic	DDX60L	nonsynonymous SNV	DDX60L:NM_001012967:exon37:c.A4936G:p.M1646V	NA	rs2684348	NA
chr4	1.7E+08	1.7E+08	G	T	exonic	CBR4	nonsynonymous SNV	CBR4:NM_032783:exon2:c.C208A:p.L70M	NA	rs2877380	B
chr4	1.7E+08	1.7E+08	A	G	exonic	SH3RF1	nonsynonymous SNV	SH3RF1:NM_020870:exon5:c.T943C:p.S315P	NA	NA	P
chr4	1.76E+08	1.76E+08	G	T	UTR5	ADAM29	NA	NA	NA	rs7689299	NA
chr4	1.76E+08	1.76E+08	C	T	UTR5	ADAM29	NA	NA	NA	rs62334419	NA
chr4	1.77E+08	1.77E+08	A	G	exonic	SPATA4	synonymous SNV	SPATA4:NM_144644:exon4:c.T510C:p.Y170Y	NA	rs2291244	NA
chr4	1.77E+08	1.77E+08	T	C	UTR5	SPATA4	NA	NA	NA	rs4565028	NA
chr4	1.77E+08	1.77E+08	T	-	UTR3	SPCS3	NA	NA	NA	rs67194984	NA
chr4	1.84E+08	1.84E+08	AAA	-	ncRNA_exonic	FAM92A1P2	NA	NA	NA	NA	NA
chr4	1.84E+08	1.84E+08	G	T	exonic	WWC2	nonsynonymous SNV	WWC2:NM_024949:exon16:c.G2446T:p.V816F	NA	rs11734376	NA
chr4	1.86E+08	1.86E+08	-	ATT	UTR3	CASP3	NA	NA	NA	rs4647696	NA
chr4	1.86E+08	1.86E+08	G	A	exonic	CCDC111	synonymous SNV	CCDC111:NM_152683:exon8:c.G948A:p.Q316Q	NA	rs34985821	NA
chr4	1.86E+08	1.86E+08	T	A	UTR3	LRP2BP	NA	NA	NA	rs28723682	NA
chr4	1.87E+08	1.87E+08	T	C	UTR3	CYP4V2	NA	NA	NA	rs62348764	NA
chr4	1.91E+08	1.91E+08	A	G	exonic	FRG1	nonsynonymous SNV	FRG1:NM_004477:exon3:c.A196G:p.K66E	ID=COSM232360;OCCURENCE=1(skin)	rs112612436	B
chr4	1.91E+08	1.91E+08	C	T	exonic	FRG1	nonsynonymous SNV	FRG1:NM_004477:exon4:c.C293T:p.T98M	NA	rs201275486	B
chr4	1.91E+08	1.91E+08	G	A	exonic	FRG1	nonsynonymous SNV	FRG1:NM_004477:exon5:c.G383A:p.R128H	OSM1054421;OCCURENCE=1(endometri	rs75585360	P
chr4	1.91E+08	1.91E+08	A	G	exonic	FRG1	nonsynonymous SNV	FRG1:NM_004477:exon7:c.A568G:p.K190E	NA	rs184307882	B
chr4	1.91E+08	1.91E+08	G	A	exonic	FRG1	nonsynonymous SNV	FRG1:NM_004477:exon7:c.G604A:p.V202I	NA	rs6846627	B
chr4	1.91E+08	1.91E+08	T	C	exonic	FRG1	synonymous SNV	FRG1:NM_004477:exon7:c.T627C:p.Y209Y	NA	rs75112782	NA
chr5	185498	185498	C	T	UTR3	PLEKHG4B	NA	NA	NA	rs7727015	NA
chr5	661392	661392	G	T	UTR3	TPPP	NA	NA	NA	rs13159892	NA
chr5	796054	796055	CT	-	UTR3	ZDHHC11	NA	NA	NA	NA	NA
chr5	843815	843815	C	T	exonic	ZDHHC11	synonymous SNV	ZDHHC11:NM_024786:exon4:c.G528A:p.S176S	NA	rs71591190	NA
chr5	1222213	1222214	TG	-	UTR3	SLC6A19	NA	NA	NA	rs35482871	NA
chr5	1572289	1572289	A	G	ncRNA_exonic	SDHAP3	NA	NA	NA	rs147001297	NA
chr5	6311304	6311304	T	G	ncRNA_exonic	FLJ33360	NA	NA	NA	rs56073709	NA
chr5	9036071	9036071	-	A	UTR3	SEMA5A	NA	NA	NA	NA	NA
chr5	10278910	10278910	C	A	UTR3	CMBL	NA	NA	NA	NA	NA
chr5	10279657	10279658	TT	-	UTR3	CMBL	NA	NA	NA	rs140959227	NA
chr5	10657091	10657091	-	AA	UTR3	ANKRD33B	NA	NA	NA	NA	NA

chr5	10972889	10972889	T	-	UTR3	CTNND2	NA	NA	NA	rs70947237	NA
chr5	13701536	13701536	T	C	exonic	DNAH5	nonsynonymous SNV	DNAH5:NM_001369:exon77:c.A13348G:p.I4450V	NA	rs3734110	B
chr5	14696103	14696104	TT	-	UTR3	FAM105B	NA	NA	NA	NA	NA
chr5	16508898	16508898	T	C	UTR5	FAM134B	NA	NA	NA	rs33684	NA
chr5	16662426	16662432	TTTTTTT	-	UTR3	MYO10	NA	NA	NA	NA	NA
chr5	17217178	17217178	-	GT	ncRNA_exonic	LOC285696	NA	NA	NA	NA	NA
chr5	21586917	21586917	-	AA	ncRNA_exonic	GUSBP1	NA	NA	NA	NA	NA
chr5	23526971	23526971	C	A	exonic	PRDM9	nonsynonymous SNV	PRDM9:NM_020227:exon11:c.C1774A:p.Q592K	NA	NA	B
chr5	31317952	31317952	T	C	exonic	CDH6	synonymous SNV	CDH6:NM_004932:exon11:c.T1803C:p.H601H	NA	rs2229575	NA
chr5	33938092	33938092	G	C	exonic	RXFP3	nonsynonymous SNV	RXFP3:NM_016568:exon1:c.G1247C:p.R416P	NA	NA	D
chr5	34908276	34908276	-	TT	UTR3	RAD1	NA	NA	NA	NA	NA
chr5	34956158	34956158	A	-	UTR3	DNAJC21	NA	NA	NA	NA	NA
chr5	35644621	35644621	T	C	exonic	SPEF2	synonymous SNV	VM_024867:exon4:c.T579C:p.I193I,SPEF2:NM_144722:exon4:c.T579C:	NA	rs7706444	NA
chr5	36242212	36242212	T	C	UTR5	NADKD1	NA	NA	NA	rs67061065	NA
chr5	40692116	40692116	G	A	exonic	PTGER4	nonsynonymous SNV	PTGER4:NM_000958:exon3:c.G1103A:p.R368K	NA	NA	P
chr5	40964885	40964885	A	T	exonic	C7	nonsynonymous SNV	C7:NM_000587:exon14:c.A1792T:p.T598S	NA	rs60714178	NA
chr5	42756940	42756940	C	T	UTR5	CCDC152	NA	NA	NA	rs3797310	NA
chr5	42801949	42801949	A	G	UTR3	CCDC152	NA	NA	NA	rs230816	NA
chr5	42802310	42802310	A	G	UTR3	CCDC152	NA	NA	NA	rs28919916	NA
chr5	52193287	52193287	C	T	exonic	ITGA1	synonymous SNV	ITGA1:NM_181501:exon10:c.C1092T:p.A364A	rs1531545	NA	NA
chr5	54274656	54274656	-	A	UTR3	ESM1	NA	NA	NA	rs35235179	NA
chr5	55206444	55206444	G	A	exonic	IL31RA	nonsynonymous SNV	IL31RA:NM_015299:exon11:c.G1586A:p.S529N,IL31RA:NM_015299:exon11:c.G1586A:p.S529N,IL31RA:NM_015299:exon11:c.G1586A:p.S529N,IL31RA:NM_015299:exon11:c.G1586A:p.S529N	NA	rs161704	P
chr5	59825300	59825300	T	C	ncRNA_exonic	PART1	NA	NA	NA	rs26949	NA
chr5	59842971	59842971	A	G	ncRNA_exonic	PART1	NA	NA	NA	rs153152	NA
chr5	61000547	61000548	TT	-	UTR3	C5orf64	NA	NA	NA	rs140973829	NA
chr5	61874567	61874567	G	T	ncRNA_exonic	IPO11-LRRC70	NA	NA	NA	NA	NA
chr5	61874620	61874620	A	-	ncRNA_exonic	IPO11-LRRC70	NA	NA	NA	NA	NA
chr5	63668039	63668039	A	G	UTR3	RNF180	NA	NA	NA	rs3797052	NA
chr5	64920159	64920159	T	G	UTR5	TRIM23	NA	NA	NA	NA	NA
chr5	64963082	64963082	-	CT	UTR3	SGTB	NA	NA	NA	rs2067306	NA
chr5	64963466	64963469	TTTG	-	UTR3	SGTB	NA	NA	NA	rs33916729	NA
chr5	66492591	66492591	G	A	UTR5	CD180	NA	NA	NA	NA	NA
chr5	68739836	68739836	-	AAAAAAA	intergenic	'ELD2(dist=1946),OCLN(dist=4	NA	NA	NA	NA	NA
chr5	69723444	69723444	A	G	ncRNA_exonic	GTF2H2B	NA	NA	NA	rs162961	NA
chr5	70672628	70672629	TT	-	ncRNA_exonic	PMCHL2	NA	NA	NA	NA	NA
chr5	70673207	70673207	A	-	ncRNA_exonic	PMCHL2	NA	NA	NA	NA	NA
chr5	70800475	70800475	C	T	exonic	BDP1	nonsynonymous SNV	BDP1:NM_018429:exon16:c.C2269T:p.R757C	NA	rs3761966	NA
chr5	70883136	70883136	A	G	UTR5	MCCC2	NA	NA	NA	rs11746722	NA
chr5	70952934	70952934	C	T	UTR3	MCCC2	NA	NA	NA	rs1135667	NA
chr5	72876880	72876880	T	-	UTR3	UTP15	NA	NA	NA	NA	NA
chr5	74506658	74506658	C	T	exonic	ANKRD31	synonymous SNV	ANKRD31:NM_001164443:exon4:c.G321A:p.L107L	rs2219745	NA	NA
chr5	75001582	75001582	A	G	exonic	POC5	nonsynonymous SNV	M_152408:exon3:c.T179C:p.I60T,POC5:NM_001099271:exon4:c.T254A	rs17672542	NA	NA
chr5	75379321	75379321	G	C	UTR5	SV2C	NA	NA	NA	rs30199	NA
chr5	75948650	75948650	A	G	exonic	IQGAP2	nonsynonymous SNV	IQGAP2:NM_006633:exon18:c.A2170G:p.I724V	rs2431363	B	NA
chr5	76003258	76003258	C	T	UTR3	IQGAP2	NA	NA	NA	rs464494	NA
chr5	76007997	76007998	AA	-	upstream	NCRUPAR	NA	NA	NA	NA	NA
chr5	76129965	76129965	-	ATAT	UTR3	F2RL1	NA	NA	NA	rs35226539	NA
chr5	78181577	78181577	T	C	exonic	ARSB	synonymous SNV	ARSB:NM_000046:exon5:c.A972G:p.G324G,ARSB:NM_198709:exon6:c.A972G:	rs72762973	NA	NA
chr5	78365401	78365401	G	A	exonic	DMGDH	nonsynonymous SNV	DMGDH:NM_013391:exon1:c.C43T:p.R15W	NA	NA	P
chr5	79048562	79048562	C	T	exonic	CMYA5	synonymous SNV	CMYA5:NM_153610:exon6:c.C11055T:p.F3685F	rs1366272	NA	NA
chr5	82936729	82936729	T	-	UTR3	HAPLN1	NA	NA	NA	NA	NA
chr5	83239133	83239133	A	-	UTR3	EDIL3	NA	NA	NA	rs146077789	NA
chr5	87980581	87980581	-	TCTC	ncRNA_exonic	LINC00461	NA	NA	NA	NA	NA
chr5	94786142	94786142	C	T	UTR3	FAM81B	NA	NA	NA	rs7709828	NA
chr5	95115959	95115959	C	T	exonic	RHOBTB3	nonsynonymous SNV	RHOBTB3:NM_014899:exon9:c.C1286T:p.T429M	rs41276257	P	NA
chr5	96111093	96111096	TAGT	-	UTR3	ERAP1	NA	NA	NA	rs138961474	NA
chr5	96111228	96111228	A	G	UTR3	ERAP1	NA	NA	NA	rs3198304	NA
chr5	96111801	96111801	-	TG	UTR3	ERAP1	NA	NA	NA	rs148692674	NA
chr5	96111927	96111927	-	:CATTTCATG.	UTR3	ERAP1	NA	NA	NA	rs142866043	NA
chr5	96143836	96143836	G	A	UTR5	ERAP1	NA	NA	NA	NA	NA
chr5	96143837	96143837	T	G	UTR5	ERAP1	NA	NA	NA	NA	NA
chr5	96143838	96143838	T	A	UTR5	ERAP1	NA	NA	NA	NA	NA
chr5	96245439	96245439	C	T	exonic	ERAP2	synonymous SNV	ERAP2:NM_022350:exon15:c.C2101T:p.S775S,ERAP2:NM_022350:exon15:c.C2101T:p.S775S	rs1056893	NA	NA
chr5	96322360	96322360	G	A	exonic	LNPEP	nonsynonymous SNV	LNPEP:NM_005575:exon4:c.G1117A:p.V373I,LNPEP:NM_175920:exon4:c.G1075A:p.V373I	rs41276279	B	NA
chr5	98132052	98132052	A	C	UTR3	RGMB	NA	NA	NA	rs1053451	NA
chr5	98218907	98218907	C	A	exonic	CHD1	nonsynonymous SNV	CHD1:NM_001270:exon18:c.G2603T:p.G868V	NA	NA	D

chr5	1.03E+08	1.03E+08	A	G	exonic	NUDT12	synonymous SNV	NUDT12:NM_031438:exon4:c.T901C:p.L301L	NA	rs10045774	NA
chr5	1.07E+08	1.07E+08	-	T	UTR3	EFNA5	NA	NA	NA	NA	NA
chr5	1.07E+08	1.07E+08	-	AA	UTR3	EFNA5	NA	NA	NA	NA	NA
chr5	1.07E+08	1.07E+08	G	A	UTR3	EFNA5	NA	NA	NA	NA	NA
chr5	1.07E+08	1.07E+08	A	C	UTR3	FBXL17	NA	NA	NA	NA	NA
chr5	1.1E+08	1.1E+08	T	-	UTR3	WDR36	NA	NA	NA	NA	NA
chr5	1.1E+08	1.1E+08	T	G	UTR3	WDR36	NA	NA	NA	NA	NA
chr5	1.15E+08	1.15E+08	AAAA	-	UTR3	PGGT1B	NA	NA	NA	NA	NA
chr5	1.15E+08	1.15E+08	C	A	UTR3	TMED7	NA	NA	NA	NA	NA
chr5	1.15E+08	1.15E+08	G	A	UTR3	AP3S1	NA	NA	NA	rs6895932	NA
chr5	1.15E+08	1.15E+08	G	C	UTR5	AQPEP	NA	NA	ID=COSN404863;OCCURENCE=1(lung)	rs9326980	NA
chr5	1.15E+08	1.15E+08	A	G	exonic	AQPEP	synonymous SNV	AQPEP:NM_173800:exon1:c.A204G:p.P68P	NA	rs12522632	NA
chr5	1.16E+08	1.16E+08	T	G	UTR3	SEMA6A	NA	NA	NA	rs12523054	NA
chr5	1.22E+08	1.22E+08	CACACACA	-	UTR3	SNX2	NA	NA	NA	rs138443824	NA
chr5	1.22E+08	1.22E+08	-	A	UTR3	SNX24	NA	NA	NA	NA	NA
chr5	1.22E+08	1.22E+08	A	G	UTR5	PRDM6	NA	NA	NA	rs72800825	NA
chr5	1.26E+08	1.26E+08	A	G	UTR3	LMNB1	NA	NA	NA	NA	NA
chr5	1.26E+08	1.26E+08	C	T	UTR3	3-Mar	NA	NA	NA	NA	NA
chr5	1.28E+08	1.28E+08	-	T	UTR3	SLC12A2	NA	NA	NA	NA	NA
chr5	1.28E+08	1.28E+08	G	C	exonic	FBN2	synonymous SNV	FBN2:NM_001999:exon1:c.C183G:p.P61P	NA	rs73348287	NA
chr5	1.31E+08	1.31E+08	C	T	UTR3	RAPGEF6	NA	NA	NA	NA	NA
chr5	1.31E+08	1.31E+08	T	-	UTR3	RAPGEF6	NA	NA	NA	NA	NA
chr5	1.31E+08	1.31E+08	G	A	UTR3	RAPGEF6	NA	NA	NA	NA	NA
chr5	1.32E+08	1.32E+08	C	T	exonic	SLC22A4	nonsynonymous SNV	SLC22A4:NM_003059:exon9:c.C1507T:p.L503F	NA	rs1050152	B
chr5	1.32E+08	1.32E+08	A	G	UTR5	RAD50	NA	NA	NA	NA	NA
chr5	1.32E+08	1.32E+08	C	T	UTR3	CCNI2	NA	NA	NA	NA	NA
chr5	1.32E+08	1.32E+08	TTT	-	UTR3	CCNI2	NA	NA	NA	NA	NA
chr5	1.34E+08	1.34E+08	AAAT	-	UTR3	C5orf24	NA	NA	NA	rs202226698	NA
chr5	1.35E+08	1.35E+08	TTTTTTTTT	-	UTR3	CXCL14	NA	NA	NA	NA	NA
chr5	1.35E+08	1.35E+08	GGG	-	ncRNA_exonic	SMAD5-AS1	NA	NA	NA	NA	NA
chr5	1.36E+08	1.36E+08	-	AA	UTR3	SMAD5	NA	NA	NA	NA	NA
chr5	1.37E+08	1.37E+08	A	-	UTR3	HNRNPAO	NA	NA	NA	NA	NA
chr5	1.37E+08	1.37E+08	G	A	exonic	PKD2L2	nonsynonymous SNV	.001258448:exon8:c.G1144A;p.V382I,PKD2L2:NM_014386:exon8:c.G1:	NA	rs1880458	B
chr5	1.38E+08	1.38E+08	G	C	exonic	EGR1	synonymous SNV	EGR1:NM_001964:exon2:c.G993C:p.T331T	NA	NA	NA
chr5	1.39E+08	1.39E+08	-	T	UTR5	MATR3	NA	NA	NA	rs112107315	NA
chr5	1.39E+08	1.39E+08	T	A	UTR5	MATR3	NA	NA	NA	rs12153162	NA
chr5	1.39E+08	1.39E+08	A	-	UTR3	PURA	NA	NA	NA	NA	NA
chr5	1.4E+08	1.4E+08	A	C	UTR3	WDR55	NA	NA	NA	NA	NA
chr5	1.41E+08	1.41E+08	A	C	UTR3	PCDHB6	NA	NA	NA	rs56172324	NA
chr5	1.41E+08	1.41E+08	-	ACACAC	UTR5	PCDHB16	NA	NA	NA	NA	NA
chr5	1.41E+08	1.41E+08	A	G	exonic	PCDHB16	synonymous SNV	PCDHB16:NM_020957:exon1:c.A1524G:p.A508A	NA	rs2697533	NA
chr5	1.41E+08	1.41E+08	G	T	UTR3	PCDHB9	NA	NA	NA	NA	NA
chr5	1.41E+08	1.41E+08	A	G	UTR3	PCDHB9	NA	NA	NA	rs2910324	NA
chr5	1.41E+08	1.41E+08	C	T	UTR3	PCDHB9	NA	NA	NA	rs2907325	NA
chr5	1.41E+08	1.41E+08	-	A	UTR3	PCDHB9	NA	NA	NA	NA	NA
chr5	1.44E+08	1.44E+08	-	T	UTR3	YIPF5	NA	NA	NA	NA	NA
chr5	1.44E+08	1.44E+08	-	TT	UTR3	YIPF5	NA	NA	NA	rs138694329	NA
chr5	1.44E+08	1.44E+08	T	-	UTR3	YIPF5	NA	NA	NA	rs144356469	NA
chr5	1.45E+08	1.45E+08	C	A	UTR3	LARS	NA	NA	NA	rs58569901	NA
chr5	1.46E+08	1.46E+08	G	A	exonic	LARS	synonymous SNV	LARS:NM_020117:exon28:c.C2889T:p.N963N	NA	rs11540216	NA
chr5	1.46E+08	1.46E+08	G	A	exonic	LARS	synonymous SNV	LARS:NM_020117:exon19:c.C1747T:p.L583L	NA	rs11540217	NA
chr5	1.46E+08	1.46E+08	T	-	UTR3	RBM27	NA	NA	NA	NA	NA
chr5	1.46E+08	1.46E+08	A	G	exonic	TCERG1	synonymous SNV	1040006:exon21:c.A3057G;p.S1019S,TCERG1:NM_006706:exon22:c.A	NA	rs4705103	NA
chr5	1.48E+08	1.48E+08	TTTT	-	UTR3	SH3TC2	NA	NA	NA	NA	NA
chr5	1.48E+08	1.48E+08	G	A	exonic	SH3TC2	nonsynonymous SNV	SH3TC2:NM_024577:exon14:c.C3239T:p.P1080L	NA	NA	B
chr5	1.49E+08	1.49E+08	G	C	ncRNA_exonic	MIR143HG	NA	NA	NA	rs28418464	NA
chr5	1.49E+08	1.49E+08	-	T	ncRNA_exonic	MIR143HG	NA	NA	NA	NA	NA
chr5	1.49E+08	1.49E+08	A	G	exonic	ARHGEF37	nonsynonymous SNV	ARHGEF37:NM_001001669:exon12:c.A1810G:p.M604V	NA	rs1135093	B
chr5	1.49E+08	1.49E+08	T	C	UTR3	PDE6A	NA	NA	NA	rs759816	NA
chr5	1.49E+08	1.49E+08	A	G	UTR3	PDE6A	NA	NA	NA	rs2005909	NA
chr5	1.5E+08	1.5E+08	TTA	-	UTR3	CAMK2A	NA	NA	NA	rs147490193	NA
chr5	1.5E+08	1.5E+08	T	G	UTR3	SYNPO	NA	NA	NA	NA	NA
chr5	1.5E+08	1.5E+08	C	A	UTR5	SMIM3	NA	NA	NA	NA	NA
chr5	1.51E+08	1.51E+08	A	G	UTR5	GM2A	NA	NA	NA	rs2277028	NA
chr5	1.51E+08	1.51E+08	A	G	exonic	GM2A	nonsynonymous SNV	v_000405:exon2:c.A175G;p.I59V,GM2A:NM_001167607:exon2:c.A17!	NA	rs153477	B
chr5	1.51E+08	1.51E+08	A	G	exonic	GM2A	nonsynonymous SNV	_000405:exon2:c.A205G;p.M69V,GM2A:NM_001167607:exon2:c.A20!	NA	rs153478	B

chr5	1.51E+08	1.51E+08	-	T	UTR3	GM2A	NA	NA	NA	rs113437403	NA
chr5	1.51E+08	1.51E+08	-	A	UTR3	SLC36A2	NA	NA	NA	NA	NA
chr5	1.51E+08	1.51E+08	G	A	exonic	SLC36A2	synonymous SNV	SLC36A2:NM_181776:exon2:c.C187T:p.L63L	NA	rs192192	NA
chr5	1.51E+08	1.51E+08	GCA	-	UTR5	SLC36A1	NA	NA	NA	NA	NA
chr5	1.51E+08	1.51E+08	T	-	UTR3	G3BP1	NA	NA	NA	NA	NA
chr5	1.51E+08	1.51E+08	G	A	UTR5	GLRA1	NA	NA	NA	rs2071221	NA
chr5	1.54E+08	1.54E+08	G	A	UTR5	HAND1	NA	NA	NA	rs181499341	NA
chr5	1.54E+08	1.54E+08	C	T	UTR3	FAXDC2	NA	NA	NA	rs4865	NA
chr5	1.54E+08	1.54E+08	C	T	UTR3	MRPL22	NA	NA	NA	rs286595	NA
chr5	1.57E+08	1.57E+08	A	-	UTR3	CYFIP2	NA	NA	NA	NA	NA
chr5	1.57E+08	1.57E+08	T	C	UTR5	THG1L	NA	NA	NA	rs2270820	NA
chr5	1.57E+08	1.57E+08	G	T	exonic	THG1L	stopgain SNV	THG1L:NM_017872:exon3:c.G436T:p.E146X	NA	rs78234336	NA
chr5	1.58E+08	1.58E+08	T	-	UTR3	EBF1	NA	NA	NA	NA	NA
chr5	1.59E+08	1.59E+08	A	-	UTR5	EBF1	NA	NA	NA	rs5872586	NA
chr5	1.59E+08	1.59E+08	CACA	-	UTR3	UBLCP1	NA	NA	NA	NA	NA
chr5	1.6E+08	1.6E+08	-	A	UTR3	PWWP2A	NA	NA	NA	NA	NA
chr5	1.6E+08	1.6E+08	C	T	exonic	FABP6	nonsynonymous SNV	:p.T79M,FABP6:NM_001040442:exon4:c.C383T:p.T128M,FABP6:NM_C	NA	rs1130435	B
chr5	1.61E+08	1.61E+08	C	T	UTR3	GABRB2	NA	NA	NA	NA	NA
chr5	1.61E+08	1.61E+08	G	A	UTR3	GABRB2	NA	NA	NA	NA	NA
chr5	1.63E+08	1.63E+08	C	G	UTR5	CCNG1	NA	NA	NA	rs2069339	NA
chr5	1.7E+08	1.7E+08	C	T	exonic	LCP2	synonymous SNV	LCP2:NM_005565:exon8:c.G564A:p.V188V	NA	rs2292254	NA
chr5	1.71E+08	1.71E+08	T	-	UTR3	STK10	NA	NA	NA	rs11353357	NA
chr5	1.72E+08	1.72E+08	-	A	UTR3	ERGIC1	NA	NA	NA	NA	NA
chr5	1.73E+08	1.73E+08	-	T	UTR3	CPEB4	NA	NA	NA	NA	NA
chr5	1.75E+08	1.75E+08	A	-	UTR5	HRH2	NA	NA	NA	NA	NA
chr5	1.75E+08	1.75E+08	G	A	exonic	THOC3	synonymous SNV	THOC3:NM_032361:exon2:c.C357T:p.S119S	NA	rs200408233	NA
chr5	1.77E+08	1.77E+08	AAAAAAAAA	-	UTR3	DBN1	NA	NA	NA	NA	NA
chr5	1.77E+08	1.77E+08	T	G	UTR3	DBN1	NA	NA	NA	NA	NA
chr5	1.77E+08	1.77E+08	A	C	intronic	FAM193B	NA	NA	NA	NA	NA
chr5	1.77E+08	1.77E+08	T	G	exonic	PROP1	nonsynonymous SNV	PROP1:NM_006261:exon3:c.A640C:p.M214L	NA	NA	B
chr5	1.77E+08	1.77E+08	A	G	exonic	PROP1	synonymous SNV	PROP1:NM_006261:exon3:c.T636C:p.P212P	NA	NA	NA
chr5	1.77E+08	1.77E+08	T	G	exonic	PROP1	synonymous SNV	PROP1:NM_006261:exon3:c.A630C:p.P210P	NA	NA	NA
chr5	1.78E+08	1.78E+08	T	C	exonic	RMND5B	synonymous SNV	RMND5B:NM_022762:exon9:c.T888C:p.P296P	NA	rs61751561	NA
chr5	1.78E+08	1.78E+08	T	C	exonic	ZNF354B	synonymous SNV	ZNF354B:NM_058230:exon4:c.T243C:p.G81G	rs11952817	NA	NA
chr5	1.79E+08	1.79E+08	A	G	exonic	ADAMTS2	synonymous SNV	M_014244:exon2:c.T321C:p.S107S,ADAMTS2:NM_021599:exon2:c.T3	NA	rs2271212	NA
chr5	1.79E+08	1.79E+08	AG	-	UTR3	HNRNPH1	NA	NA	NA	NA	NA
chr5	1.79E+08	1.79E+08	G	A	exonic	SQSTM1	synonymous SNV	:R312R,SQSTM1:NM_001142298:exon7:c.G684A:p.R228R,SQSTM1:NI	NA	rs4797	NA
chr5	1.79E+08	1.79E+08	G	A	exonic	C5orf45	synonymous SNV	IM_001017987:exon1:c.C45T:p.C15C,C5orf45:NM_016175:exon1:c.C4	NA	rs10060182	NA
chr5	1.8E+08	1.8E+08	C	T	ncRNA_exonic	LINC00847	NA	NA	NA	rs899546	NA
chr5	1.8E+08	1.8E+08	A	G	intronic	ZFP62	NA	NA	NA	rs2127380	NA
chr6	407630	407630	T	-	UTR3	IRF4	NA	NA	NA	NA	NA
chr6	2971853	2971853	A	G	UTR5	SERPINB6	NA	NA	NA	NA	NA
chr6	6007196	6007196	G	-	UTR5	NRN1	NA	NA	NA	rs11285278	NA
chr6	7247248	7247248	T	C	exonic	RREB1	nonsynonymous SNV	p.L1467P,RREB1:NM_001168344:exon11:c.T4400C:p.L1467P,RREB1:N	NA	rs2256596	B
chr6	7249296	7249301	GAGAGA	-	UTR3	RREB1	NA	NA	NA	rs4053178	NA
chr6	7283735	7283735	C	T	UTR3	SSR1	NA	NA	NA	rs111496266	NA
chr6	7283759	7283759	T	C	UTR3	SSR1	NA	NA	NA	rs9505115	NA
chr6	7284948	7284948	-	T	UTR3	SSR1	NA	NA	NA	NA	NA
chr6	7285912	7285912	A	-	UTR3	SSR1	NA	NA	NA	rs71649195	NA
chr6	7287220	7287220	C	A	UTR3	SSR1	NA	NA	NA	NA	NA
chr6	7288297	7288297	G	A	UTR3	SSR1	NA	NA	NA	rs8955	NA
chr6	7289958	7289959	CA	-	UTR3	SSR1	NA	NA	NA	rs16740	NA
chr6	7611993	7611998	TTTCTG	-	UTR3	SNRNP48	NA	NA	NA	rs146960918	NA
chr6	10410434	10410434	T	G	exonic	TFAP2A	synonymous SNV	162C:p.P54P,TFAP2A:NM_001042425:exon2:c.A168C:p.P56P,TFAP2A:l	NA	NA	NA
chr6	10723449	10723449	A	C	UTR5	TMEM14C	NA	NA	NA	rs1045911	NA
chr6	10763780	10763780	A	-	UTR3	MAK	NA	NA	NA	rs35696238	NA
chr6	10887251	10887251	T	C	UTR5	SYCP2L	NA	NA	NA	rs9366663	NA
chr6	10887253	10887253	G	C	UTR5	SYCP2L	NA	NA	NA	rs9358956	NA
chr6	13579828	13579828	A	C	UTR5	SIRT5	NA	NA	NA	rs2804911	NA
chr6	15521302	15521302	-	AA	UTR3	JARID2	NA	NA	NA	NA	NA
chr6	15523807	15523807	-	A	UTR3	DTNBP1	NA	NA	NA	rs142659737	NA
chr6	17393781	17393781	-	C	UTR5	CAP2	NA	NA	NA	NA	NA
chr6	17799575	17799575	A	G	exonic	KIF13A	synonymous SNV	01105567:exon22:c.T2712C:p.A904A,KIF13A:NM_001105568:exon22:c	NA	rs3734235	NA
chr6	18387815	18387815	A	C	UTR5	RNF144B	NA	NA	NA	rs764885	NA
chr6	18467582	18467582	A	G	UTR3	RNF144B	NA	NA	NA	rs531972	NA
chr6	18467626	18467626	C	T	UTR3	RNF144B	NA	NA	NA	NA	NA

chr6	20102263	20102263	G	A	UTR3	MBOAT1	NA	NA	NA	NA	NA
chr6	20534770	20534770	C	T	UTR5	CDKAL1	NA	NA	NA	NA	NA
chr6	20534778	20534778	G	T	UTR5	CDKAL1	NA	NA	NA	NA	NA
chr6	20534791	20534791	C	T	UTR5	CDKAL1	NA	NA	NA	NA	NA
chr6	21594175	21594175	C	T	UTR5	SOX4	NA	NA	NA	NA	NA
chr6	22194615	22194616	AA	-	ncRNA_exonic	LINC00340	NA	NA	NA	NA	NA
chr6	24719384	24719384	A	-	UTR5	C6orf62	NA	NA	NA	rs34131350	NA
chr6	24805465	24805466	AA	-	UTR3	FAM65B	NA	NA	NA	rs67150453	NA
chr6	25115296	25115296	G	T	ncRNA_exonic	CMAHP	NA	NA	NA	rs2273671	NA
chr6	25619946	25619946	A	C	UTR3	LRRC16A	NA	NA	NA	NA	NA
chr6	25913572	25913572	G	T	exonic	SLC17A2	nonsynonymous SNV	SLC17A2:NM_005835:exon11:c.C1262A:p.P421Q	NA	NA	P
chr6	26637020	26637020	C	T	UTR3	ZNF322	NA	NA	NA	rs199645934	NA
chr6	28411220	28411220	T	G	UTR5	ZSCAN23	NA	NA	NA	rs2531803	NA
chr6	29640095	29640111	AAATAAAT/	-	UTR3	MOG	NA	NA	NA	NA	NA
chr6	29856508	29856508	T	G	ncRNA_exonic	HLA-H	NA	NA	NA	rs200904024	NA
chr6	29857105	29857105	-	C	ncRNA_exonic	HLA-H	NA	NA	NA	NA	NA
chr6	29866970	29866970	T	C	intergenic	-H(dist=8114),HCG4B(dist=25	NA	NA	NA	rs9259495	NA
chr6	29867247	29867247	A	C	intergenic	-H(dist=8391),HCG4B(dist=25	NA	NA	NA	rs3128995	NA
chr6	29911222	29911222	C	T	exonic	HLA-A	nonsynonymous SNV	_001242758:exon3:c.C521T:p.A174V,HLA-A:NM_002116:exon3:c.C521	NA	rs1059535	B
chr6	29911240	29911240	T	G	exonic	HLA-A	nonsynonymous SNV	_001242758:exon3:c.T539G:p.L180W,HLA-A:NM_002116:exon3:c.T539	NA	rs9260156	B
chr6	29911246	29911246	C	T	exonic	HLA-A	nonsynonymous SNV	_001242758:exon3:c.C545T:p.A182V,HLA-A:NM_002116:exon3:c.C545	NA	rs1059539	B
chr6	29911970	29911970	G	A	exonic	HLA-A	nonsynonymous SNV	_001242758:exon4:c.G691A:p.G231S,HLA-A:NM_002116:exon4:c.G691	NA	rs1059578	B
chr6	29912087	29912087	G	T	exonic	HLA-A	nonsynonymous SNV	_001242758:exon4:c.G808T:p.A270S,HLA-A:NM_002116:exon4:c.G808	NA	rs1059632	B
chr6	29913355	29913355	A	G	UTR3	HLA-A	NA	NA	NA	NA	NA
chr6	29913367	29913367	G	A	UTR3	HLA-A	NA	NA	NA	rs113042145	NA
chr6	29913377	29913377	C	T	UTR3	HLA-A	NA	NA	NA	NA	NA
chr6	29913383	29913383	C	T	UTR3	HLA-A	NA	NA	NA	NA	NA
chr6	30075864	30075864	A	G	exonic	TRIM31	synonymous SNV	TRIM31:NM_007028:exon6:c.T849C:p.H283H	=COSM1131939;OCCURENCE=1(prostat	rs2023472	NA
chr6	30078330	30078330	C	T	exonic	TRIM31	synonymous SNV	TRIM31:NM_007028:exon4:c.G639A:p.A213A	NA	rs2239529	NA
chr6	30227745	30227745	T	G	ncRNA_exonic	HLA-L	NA	NA	NA	NA	NA
chr6	30232250	30232250	A	G	ncRNA_exonic	HLA-L	NA	NA	NA	rs3130404	NA
chr6	30232538	30232538	G	T	ncRNA_exonic	HLA-L	NA	NA	NA	rs28780091	NA
chr6	30232672	30232672	C	T	ncRNA_exonic	HLA-L	NA	NA	NA	rs3129701	NA
chr6	30234627	30234627	A	T	ncRNA_exonic	HLA-L	NA	NA	NA	rs3129831	NA
chr6	30531427	30531427	-	T	UTR3	PRR3	NA	NA	NA	NA	NA
chr6	30573725	30573725	G	T	exonic	PPP1R10	synonymous SNV	PPP1R10:NM_002714:exon10:c.C828A:p.I276I	NA	NA	NA
chr6	30918925	30918925	T	C	exonic	DPCR1	nonsynonymous SNV	DPCR1:NM_080870:exon2:c.T2684C:p.L895P	NA	NA	NA
chr6	30919147	30919147	T	C	exonic	DPCR1	nonsynonymous SNV	DPCR1:NM_080870:exon2:c.T2906C:p.V969A	NA	NA	NA
chr6	30954516	30954516	G	C	exonic	MUC21	synonymous SNV	MUC21:NM_001010909:exon2:c.G564C:p.V188V	NA	NA	NA
chr6	30955101	30955101	G	C	exonic	MUC21	synonymous SNV	MUC21:NM_001010909:exon2:c.G1149C:p.V383V	NA	rs9262395	NA
chr6	31022500	31022500	A	C	ncRNA_intronic	HCG22	NA	NA	NA	rs2523854	NA
chr6	31026434	31026434	A	G	ncRNA_intronic	HCG22	NA	NA	NA	rs2517523	NA
chr6	31026534	31026534	C	T	ncRNA_intronic	HCG22	NA	NA	NA	rs2523847	NA
chr6	31088202	31088202	A	G	UTR5	CDSN	NA	NA	NA	rs2302399	NA
chr6	31237767	31237767	T	C	exonic	HLA-C	nonsynonymous SNV	_001243042:exon5:c.A991G:p.M331V,HLA-C:NM_002117:exon5:c.A991	NA	rs1130935	B
chr6	31237769	31237769	G	A	exonic	HLA-C	nonsynonymous SNV	_001243042:exon5:c.C989T:p.A330V,HLA-C:NM_002117:exon5:c.C989	NA	rs1050105	B
chr6	31237771	31237771	G	A	exonic	HLA-C	synonymous SNV	_001243042:exon5:c.C987T:p.T329T,HLA-C:NM_002117:exon5:c.C987	NA	rs1050106	NA
chr6	31237773	31237773	T	C	exonic	HLA-C	nonsynonymous SNV	_001243042:exon5:c.A985G:p.T329A,HLA-C:NM_002117:exon5:c.A985	NA	rs1130947	B
chr6	31237774	31237774	G	C	exonic	HLA-C	synonymous SNV	_001243042:exon5:c.C984G:p.V328V,HLA-C:NM_002117:exon5:c.C984	NA	rs41540512	NA
chr6	31238851	31238851	T	C	exonic	HLA-C	synonymous SNV	_001243042:exon3:c.A618G:p.A206A,HLA-C:NM_002117:exon3:c.A618	NA	rs2308604	NA
chr6	31238880	31238880	C	T	exonic	HLA-C	nonsynonymous SNV	_001243042:exon3:c.G589A:p.E197K,HLA-C:NM_002117:exon3:c.G589	NA	rs1050357	B
chr6	31323945	31323945	A	C	exonic	HLA-B	synonymous SNV	HLA-B:NM_005514:exon3:c.T618G:p.A206A	NA	rs2596493	NA
chr6	31496776	31496776	T	G	UTR5	MCCD1	NA	NA	NA	rs3130054	NA
chr6	31905130	31905130	G	A	exonic	C2	synonymous SNV	81A:p.A127A,C2:NM_001145903:exon6:c.G627A:p.A209A,C2:NM_001	NA	rs1042663	NA
chr6	32010572	32010572	G	T	exonic	TNXB	nonsynonymous SNV	TNXB:NM_019105:exon39:c.C11956A:p.L3986I	NA	rs202148050	P
chr6	32487153	32487153	C	G	exonic	HLA-DRB5	nonsynonymous SNV	HLA-DRB5:NM_002125:exon3:c.G646C:p.E216Q	NA	rs112024745	B
chr6	32487170	32487170	G	A	exonic	HLA-DRB5	nonsynonymous SNV	HLA-DRB5:NM_002125:exon3:c.C629T:p.T210M	NA	rs1136633	B
chr6	32487214	32487214	T	C	exonic	HLA-DRB5	synonymous SNV	HLA-DRB5:NM_002125:exon3:c.A585G:p.R195R	NA	rs144016913	NA
chr6	32549399	32549399	C	A	exonic	HLA-DRB1	nonsynonymous SNV	HLA-DRB1:NM_002124:exon3:c.G587T:p.S196I	NA	NA	NA
chr6	32549525	32549525	C	G	exonic	HLA-DRB1	nonsynonymous SNV	HLA-DRB1:NM_002124:exon3:c.G461C:p.G154A	NA	rs111965977	NA
chr6	32549531	32549531	T	C	exonic	HLA-DRB1	nonsynonymous SNV	HLA-DRB1:NM_002124:exon3:c.A455G:p.Y152C	NA	rs112796209	NA
chr6	32549588	32549588	G	T	exonic	HLA-DRB1	stopgain SNV	HLA-DRB1:NM_002124:exon3:c.C398A:p.S133X	NA	NA	NA
chr6	32557422	32557422	C	T	exonic	HLA-DRB1	nonsynonymous SNV	HLA-DRB1:NM_002124:exon1:c.G98A:p.R33Q	NA	rs17879746	NA
chr6	32557461	32557461	A	G	exonic	HLA-DRB1	nonsynonymous SNV	HLA-DRB1:NM_002124:exon1:c.T59C:p.M20T	NA	rs35053532	NA
chr6	32557465	32557465	G	A	exonic	HLA-DRB1	synonymous SNV	HLA-DRB1:NM_002124:exon1:c.C55T:p.L19L	NA	rs34187469	NA
chr6	32557487	32557487	G	A	exonic	HLA-DRB1	synonymous SNV	HLA-DRB1:NM_002124:exon1:c.C33T:p.C11C	NA	rs34396110	NA

chr6	32609873	32609873	G	C	exonic	HLA-DQA1	nonsynonymous SNV	HLA-DQA1:NM_002122:exon3:c.G456C:p.Q152H	NA	rs707950	B
chr6	32610401	32610401	G	A	exonic	HLA-DQA1	nonsynonymous SNV	HLA-DQA1:NM_002122:exon4:c.G628A:p.A210T	NA	rs9272785	B
chr6	32610436	32610436	T	C	exonic	HLA-DQA1	synonymous SNV	HLA-DQA1:NM_002122:exon4:c.T663C:p.C221C	NA	rs1048372	NA
chr6	32610478	32610478	C	G	exonic	HLA-DQA1	synonymous SNV	HLA-DQA1:NM_002122:exon4:c.C705G:p.G235G	NA	rs1048414	NA
chr6	32610481	32610481	T	C	exonic	HLA-DQA1	synonymous SNV	HLA-DQA1:NM_002122:exon4:c.T708C:p.T236T	NA	rs1048419	NA
chr6	32610757	32610757	A	G	UTR3	HLA-DQA1	NA	NA	NA	rs8227	NA
chr6	32610769	32610769	A	C	UTR3	HLA-DQA1	NA	NA	NA	rs112931520	NA
chr6	32610806	32610806	T	C	UTR3	HLA-DQA1	NA	NA	NA	rs9272896	NA
chr6	32610809	32610809	C	T	UTR3	HLA-DQA1	NA	NA	NA	rs9272899	NA
chr6	32610819	32610819	C	G	UTR3	HLA-DQA1	NA	NA	NA	rs28371169	NA
chr6	32610825	32610825	A	G	UTR3	HLA-DQA1	NA	NA	NA	rs77015062	NA
chr6	32610836	32610836	C	T	UTR3	HLA-DQA1	NA	NA	NA	rs74417865	NA
chr6	32627976	32627976	G	A	UTR3	HLA-DQB1	NA	NA	NA	rs1063345	NA
chr6	32627992	32627992	T	C	UTR3	HLA-DQB1	NA	NA	NA	rs1063343	NA
chr6	32629137	32629137	T	G	exonic	HLA-DQB1	nonsynonymous SNV	_001243961:exon4:c.A759C:p.Q253H,HLA-DQB1:NM_002123:exon4:c.	NA	rs1140343	B
chr6	32629141	32629141	C	T	exonic	HLA-DQB1	nonsynonymous SNV	_001243961:exon4:c.G755A:p.R252H,HLA-DQB1:NM_002123:exon4:c.	NA	rs1140342	B
chr6	32629161	32629161	A	G	exonic	HLA-DQB1	synonymous SNV	1_001243961:exon4:c.T735C:p.L245L,HLA-DQB1:NM_002123:exon4:c.	NA	rs1130430	NA
chr6	32629193	32629193	C	T	exonic	HLA-DQB1	nonsynonymous SNV	_001243961:exon4:c.G703A:p.V235I,HLA-DQB1:NM_002123:exon4:c.	NA	rs1049163	B
chr6	32629847	32629847	A	G	exonic	HLA-DQB1	synonymous SNV	1_001243961:exon3:c.T558C:p.T186T,HLA-DQB1:NM_002123:exon3:c.	NA	rs1049133	NA
chr6	32713827	32713827	C	T	exonic	HLA-DQA2	synonymous SNV	HLA-DQA2:NM_020056:exon3:c.C591T:p.D197D	NA	rs1129956	NA
chr6	32714901	32714901	C	T	downstream	HLA-DQA2	NA	NA	NA	rs9276442	NA
chr6	32714958	32714958	T	A	downstream	HLA-DQA2	NA	NA	NA	rs78430708	NA
chr6	32845561	32845562	AA	-	intergenic	ist=17933),LOC100294145(dis	NA	NA	NA	NA	NA
chr6	33032822	33032822	G	A	UTR3	HLA-DPA1	NA	NA	NA	rs1042926	NA
chr6	33032831	33032831	G	A	UTR3	HLA-DPA1	NA	NA	NA	rs1042920	NA
chr6	33032905	33032905	T	C	UTR3	HLA-DPA1	NA	NA	NA	rs1042872	NA
chr6	33032913	33032913	C	T	UTR3	HLA-DPA1	NA	NA	NA	rs1042866	NA
chr6	33037419	33037419	G	A	exonic	HLA-DPA1	synonymous SNV	N115N,HLA-DPA1:NM_001242524:exon3:c.C345T:p.N115N,HLA-DPA1	NA	rs1126543	NA
chr6	33037424	33037424	T	C	exonic	HLA-DPA1	nonsynonymous SNV	.T114A,HLA-DPA1:NM_001242524:exon3:c.A340G:p.T114A,HLA-DPA1	NA	rs1126542	B
chr6	33037452	33037452	C	A	exonic	HLA-DPA1	nonsynonymous SNV	.L104F,HLA-DPA1:NM_001242524:exon3:c.G312T:p.L104F,HLA-DPA1:	NA	rs41548220	B
chr6	33037639	33037639	G	A	exonic	HLA-DPA1	nonsynonymous SNV	:p.A42V,HLA-DPA1:NM_001242524:exon3:c.C125T:p.A42V,HLA-DPA1:D=COSM328641;OCCURENCE=4(kidney	rs1126534	B	
chr6	33037640	33037640	C	T	exonic	HLA-DPA1	nonsynonymous SNV	:p.A42T,HLA-DPA1:NM_001242524:exon3:c.G124A:p.A42T,HLA-DPA1:	NA	rs1126533	B
chr6	33054331	33054331	T	C	UTR3	HLA-DPB1	NA	NA	NA	rs1126723	NA
chr6	33054550	33054550	G	A	UTR3	HLA-DPB1	NA	NA	NA	rs931	NA
chr6	33054552	33054552	C	G	UTR3	HLA-DPB1	NA	NA	NA	rs928	NA
chr6	33054559	33054559	T	C	UTR3	HLA-DPB1	NA	NA	NA	rs112596157	NA
chr6	33054659	33054659	A	G	UTR3	HLA-DPB1	NA	NA	NA	rs934	NA
chr6	33179664	33179664	A	G	exonic	RING1	nonsynonymous SNV	RING1:NM_002931:exon6:c.A1004G:p.E335G	NA	rs73741545	NA
chr6	33422438	33422438	A	G	UTR5	ZBTB9	NA	NA	NA	NA	NA
chr6	33422474	33422474	A	G	UTR5	ZBTB9	NA	NA	NA	NA	NA
chr6	33631640	33631640	C	T	exonic	ITPR3	synonymous SNV	ITPR3:NM_002224:exon11:c.C1131T:p.T377T	NA	rs2229631	NA
chr6	34204963	34204963	-	CT	UTR5	HMGA1	NA	NA	NA	NA	NA
chr6	34855748	34855748	G	C	UTR5	TAF11	NA	NA	NA	rs1051115	NA
chr6	35090097	35090097	T	C	exonic	TCP11	synonymous SNV	414G:p.L138L,TCP11:NM_001261817:exon5:c.A399G:p.L133L,TCP11:N	NA	rs2234044	NA
chr6	35791166	35791167	AC	-	UTR3	LHFPL5	NA	NA	NA	rs71840857	NA
chr6	36355372	36355372	T	C	UTR5	ETV7	NA	NA	NA	rs2234071	NA
chr6	36996773	36996773	C	G	UTR3	FGD2	NA	NA	NA	rs708017	NA
chr6	36996840	36996840	A	G	UTR3	FGD2	NA	NA	NA	rs708016	NA
chr6	37185945	37185945	-	T	UTR3	TMEM217	NA	NA	NA	rs34393938	NA
chr6	39041502	39041502	A	C	exonic	GLP1R	nonsynonymous SNV	GLP1R:NM_002062:exon7:c.A780C:p.L260F	NA	rs1042044	NA
chr6	39048491	39048491	A	C	exonic	GLP1R	synonymous SNV	GLP1R:NM_002062:exon12:c.A1200C:p.I400I	NA	rs1126476	NA
chr6	39267139	39267139	C	G	UTR3	KCNK17	NA	NA	NA	rs143564858	NA
chr6	41765828	41765828	A	C	UTR3	USP49	NA	NA	NA	NA	NA
chr6	42047454	42047454	T	-	UTR3	TAF8	NA	NA	NA	NA	NA
chr6	42048115	42048115	-	C	UTR3	TAF8	NA	NA	NA	rs5875787	NA
chr6	42069104	42069104	C	T	UTR3	C6orf132	NA	NA	NA	rs138794174	NA
chr6	42069534	42069534	C	-	UTR3	C6orf132	NA	NA	NA	rs34066163	NA
chr6	42070030	42070030	T	C	UTR3	C6orf132	NA	NA	NA	rs6912553	NA
chr6	43021977	43021977	G	-	UTR3	MRPL2	NA	NA	NA	rs34298469	NA
chr6	43230970	43230970	G	C	exonic	TTBK1	nonsynonymous SNV	TTBK1:NM_032538:exon13:c.G1868C:p.G623A	NA	rs3800294	B
chr6	43586698	43586698	-	G	UTR3	POLH	NA	NA	NA	NA	NA
chr6	44266648	44266648	-	TT	UTR3	AARS2	NA	NA	NA	NA	NA
chr6	45517740	45517741	TT	-	UTR3	RUNX2	NA	NA	NA	NA	NA
chr6	46672208	46672223	CTCTCACAA	-	UTR3	PLA2G7	NA	NA	NA	NA	NA
chr6	46672210	46672225	CTCACACA	-	UTR3	PLA2G7	NA	NA	NA	NA	NA
chr6	46726915	46726915	C	A	UTR3	ANKRD66	NA	NA	NA	rs9472840	NA

chr6	46832813	46832813	G	A	exonic	GPR116	synonymous SNV	01098518:exon14:c.C1956T:p.V652V,GPR116:NM_015234:exon14:c.C	NA	rs614826	NA
chr6	46834685	46834685	G	A	exonic	GPR116	nonsynonymous SNV	01098518:exon13:c.C1811T:p.T604M,GPR116:NM_015234:exon13:c.C	NA	rs586024	B
chr6	47200361	47200362	AC	-	UTR3	TNFRSF21	NA	NA	NA	NA	NA
chr6	51481326	51481326	T	-	UTR3	PKHD1	NA	NA	NA	NA	NA
chr6	52101844	52101844	T	C	exonic	IL17F	nonsynonymous SNV	IL17F:NM_052872:exon3:c.A377G:p.E126G	NA	rs2397084	D
chr6	52360331	52360331	G	A	UTR3	EFHC1	NA	NA	NA	rs3789771	NA
chr6	52362416	52362416	T	A	UTR3	TRAM2	NA	NA	NA	NA	NA
chr6	52362443	52362443	G	T	UTR3	TRAM2	NA	NA	NA	NA	NA
chr6	52365335	52365335	T	G	UTR3	TRAM2	NA	NA	NA	NA	NA
chr6	52529413	52529413	A	G	ncRNA_exonic	LOC730101	NA	NA	NA	NA	NA
chr6	53516173	53516173	G	T	UTR3	KLHL31	NA	NA	NA	NA	NA
chr6	53787794	53787794	T	-	UTR3	LRRC1	NA	NA	NA	rs11307213	NA
chr6	55266896	55266896	T	-	UTR3	GFRAL	NA	NA	NA	rs34070544	NA
chr6	55267231	55267231	A	-	UTR3	GFRAL	NA	NA	NA	rs34277824	NA
chr6	57086591	57086591	C	A	UTR5	RAB23	NA	NA	NA	NA	NA
chr6	57512775	57512775	T	G	UTR3	PRIM2	NA	NA	NA	rs7773110	NA
chr6	57512779	57512779	G	T	UTR3	PRIM2	NA	NA	NA	rs76296076	NA
chr6	57513126	57513126	C	G	UTR3	PRIM2	NA	NA	NA	rs56375552	NA
chr6	57513182	57513182	A	G	UTR3	PRIM2	NA	NA	NA	rs1801400	NA
chr6	70048876	70048876	C	T	exonic	BAI3	nonsynonymous SNV	BAI3:NM_001704:exon25:c.C3257T:p.A1086V	NA	NA	P
chr6	70992802	70992802	T	C	UTR5	COL9A1	NA	NA	NA	NA	NA
chr6	71298533	71298533	A	G	UTR3	C6orf57	NA	NA	ID=COSN404929;OCCURENCE=1(lung)	rs13654	NA
chr6	71666146	71666146	T	C	UTR5	B3GAT2	NA	NA	NA	rs1320315	NA
chr6	74497152	74497152	G	A	exonic	CD109	nonsynonymous SNV	12A:p.V768I,CD109:NM_001159587:exon21:c.G2533A:p.V845I,CD109:NM_001159587:exon21:c.G2533A:p.V845I	NA	rs5023688	B
chr6	80411320	80411321	TT	-	UTR3	SH3BGRL2	NA	NA	NA	rs35718956	NA
chr6	81054252	81054252	C	T	UTR3	BCKDHB	NA	NA	NA	rs4706117	NA
chr6	87993555	87993555	T	-	UTR3	GJB7	NA	NA	NA	NA	NA
chr6	89874642	89874642	A	-	UTR3	PM20D2	NA	NA	NA	NA	NA
chr6	89888744	89888744	C	T	exonic	GABRR1	synonymous SNV	02042:exon10:c.G1185A:p.A395A,GABRR1:NM_001256704:exon11:c.C1185A:p.A395A	NA	rs1796743	NA
chr6	90076245	90076245	A	-	UTR3	RRAGD	NA	NA	NA	rs5878092	NA
chr6	94486141	94486141	C	T	ncRNA_exonic	TSG1	NA	NA	NA	rs72922212	NA
chr6	97592900	97592900	C	A	ncRNA_UTR3	MMS22L	NA	NA	NA	NA	NA
chr6	97592942	97592942	-	C	ncRNA_UTR3	MMS22L	NA	NA	NA	NA	NA
chr6	99956560	99956560	T	C	exonic	USP45	nonsynonymous SNV	USP45:NM_001080481:exon3:c.A199G:p.K67E	NA	rs7744845	D
chr6	1.06E+08	1.06E+08	A	-	UTR3	BVES	NA	NA	NA	rs35412424	NA
chr6	1.07E+08	1.07E+08	T	G	UTR3	QRSL1	NA	NA	NA	NA	NA
chr6	1.07E+08	1.07E+08	-	T	UTR5	C6orf203	NA	NA	NA	rs144920055	NA
chr6	1.07E+08	1.07E+08	AA	-	UTR3	BEND3	NA	NA	NA	rs200868848	NA
chr6	1.08E+08	1.08E+08	T	G	UTR3	SEC63	NA	NA	NA	rs592989	NA
chr6	1.08E+08	1.08E+08	T	-	UTR3	OSTM1	NA	NA	NA	NA	NA
chr6	1.09E+08	1.09E+08	AC	-	UTR3	NR2E1	NA	NA	NA	rs71757629	NA
chr6	1.1E+08	1.1E+08	G	C	UTR3	PPIL6	NA	NA	NA	rs746794	NA
chr6	1.12E+08	1.12E+08	T	A	UTR3	LAMA4	NA	NA	NA	rs7758715	NA
chr6	1.12E+08	1.12E+08	C	T	UTR3	LAMA4	NA	NA	NA	rs7738331	NA
chr6	1.17E+08	1.17E+08	AAAAAA	-	UTR3	TSPYL1	NA	NA	NA	NA	NA
chr6	1.17E+08	1.17E+08	ATATATAT.	-	UTR3	FAM26E	NA	NA	NA	rs72003602	NA
chr6	1.17E+08	1.17E+08	G	A	UTR5	RWDD1	NA	NA	NA	rs62622856	NA
chr6	1.19E+08	1.19E+08	A	G	UTR5	MCM9	NA	NA	NA	rs1885125	NA
chr6	1.23E+08	1.23E+08	G	T	UTR5	PKIB	NA	NA	NA	rs2288661	NA
chr6	1.25E+08	1.25E+08	G	A	ncRNA_exonic	STL	NA	NA	NA	rs1761560	NA
chr6	1.3E+08	1.3E+08	C	T	UTR3	L3MBTL3	NA	NA	NA	NA	NA
chr6	1.3E+08	1.3E+08	C	T	UTR3	L3MBTL3	NA	NA	NA	NA	NA
chr6	1.3E+08	1.3E+08	T	G	UTR3	L3MBTL3	NA	NA	NA	NA	NA
chr6	1.3E+08	1.3E+08	A	G	UTR3	L3MBTL3	NA	NA	NA	NA	NA
chr6	1.32E+08	1.32E+08	A	G	exonic	ENPP3	synonymous SNV	ENPP3:NM_005021:exon8:c.A654G:p.P218P	NA	rs9493048	NA
chr6	1.32E+08	1.32E+08	G	T	UTR3	ENPP1	NA	NA	NA	rs11154649	NA
chr6	1.32E+08	1.32E+08	C	T	UTR3	ENPP1	NA	NA	NA	rs13216504	NA
chr6	1.32E+08	1.32E+08	TT	-	UTR3	ENPP1	NA	NA	NA	NA	NA
chr6	1.32E+08	1.32E+08	C	A	UTR3	ENPP1	NA	NA	NA	NA	NA
chr6	1.33E+08	1.33E+08	A	G	ncRNA_exonic	VNN3	NA	NA	NA	rs2294759	NA
chr6	1.34E+08	1.34E+08	TGTA	-	UTR3	SLC2A12	NA	NA	NA	rs146405495	NA
chr6	1.35E+08	1.35E+08	G	T	UTR3	HBS1L	NA	NA	NA	rs77051210	NA
chr6	1.35E+08	1.35E+08	C	T	UTR3	HBS1L	NA	NA	NA	NA	NA
chr6	1.35E+08	1.35E+08	G	T	exonic	HBS1L	nonsynonymous SNV	01145158:exon15:c.C1687A:p.Q563K,HBS1L:NM_006620:exon16:c.C1687A:p.Q563K	NA	NA	D
chr6	1.37E+08	1.37E+08	A	-	UTR3	PDE7B	NA	NA	NA	NA	NA
chr6	1.38E+08	1.38E+08	A	-	UTR3	TNFAIP3	NA	NA	NA	NA	NA

chr6	1.39E+08	1.39E+08	T	C	UTR3	NHSL1	NA	NA	NA	NA	NA
chr6	1.39E+08	1.39E+08	T	G	UTR3	NHSL1	NA	NA	NA	NA	NA
chr6	1.39E+08	1.39E+08	C	T	exonic	CCDC28A	synonymous SNV	CCDC28A:NM_015439:exon1:c.C126T:p.S42S	NA	rs11154999	NA
chr6	1.39E+08	1.39E+08	TT	-	UTR3	HECA	NA	NA	NA	NA	NA
chr6	1.43E+08	1.43E+08	A	C	UTR3	VTA1	NA	NA	NA	rs225711	NA
chr6	1.44E+08	1.44E+08	C	G	UTR3	ADAT2	NA	NA	NA	rs9496617	NA
chr6	1.44E+08	1.44E+08	A	G	UTR3	ADAT2	NA	NA	NA	rs9496619	NA
chr6	1.44E+08	1.44E+08	A	T	UTR3	PEX3	NA	NA	NA	rs223234	NA
chr6	1.44E+08	1.44E+08	A	-	UTR3	FUCA2	NA	NA	NA	rs67844126	NA
chr6	1.44E+08	1.44E+08	TTT	-	UTR3	PHACTR2	NA	NA	NA	NA	NA
chr6	1.45E+08	1.45E+08	G	T	UTR3	STX11	NA	NA	NA	NA	NA
chr6	1.46E+08	1.46E+08	G	A	ncRNA_UTR5	EPM2A	NA	NA	NA	rs2072911	NA
chr6	1.5E+08	1.5E+08	C	T	UTR3	PPIL4	NA	NA	NA	NA	NA
chr6	1.5E+08	1.5E+08	T	C	UTR5	LATS1	NA	NA	NA	rs9767113	NA
chr6	1.5E+08	1.5E+08	C	G	UTR5	LATS1	NA	NA	NA	rs2297932	NA
chr6	1.5E+08	1.5E+08	A	-	UTR3	NUP43	NA	NA	NA	rs11305807	NA
chr6	1.5E+08	1.5E+08	T	C	UTR3	ULBP1	NA	NA	NA	rs12110668	NA
chr6	1.51E+08	1.51E+08	A	G	UTR3	MTHFD1L	NA	NA	NA	rs7646	NA
chr6	1.51E+08	1.51E+08	G	A	UTR3	MTHFD1L	NA	NA	NA	rs7543	NA
chr6	1.51E+08	1.51E+08	A	G	UTR3	MTHFD1L	NA	NA	NA	rs1047665	NA
chr6	1.52E+08	1.52E+08	TT	-	UTR3	AKAP12	NA	NA	NA	NA	NA
chr6	1.52E+08	1.52E+08	AA	-	UTR3	ESR1	NA	NA	NA	NA	NA
chr6	1.53E+08	1.53E+08	C	A	exonic	SYNE1	nonsynonymous SNV	3071:exon76:c.G12566T:p.W4189L,SYNE1:NM_182961:exon77:c.G127	NA	NA	D
chr6	1.53E+08	1.53E+08	G	A	exonic	SYNE1	nonsynonymous SNV	133071:exon54:c.C8405T:p.A2802V,SYNE1:NM_182961:exon54:c.C838	NA	rs214950	B
chr6	1.53E+08	1.53E+08	G	A	UTR5	SYNE1	NA	NA	NA	rs9478345	NA
chr6	1.53E+08	1.53E+08	T	C	UTR5	FBXO5	NA	NA	NA	NA	NA
chr6	1.53E+08	1.53E+08	G	T	UTR3	MTRF1L	NA	NA	NA	rs111229801	NA
chr6	1.53E+08	1.53E+08	C	T	exonic	MTRF1L	nonsynonymous SNV	I_001114184:exon1:c.G227A:p.R76Q,MTRF1L:NM_019041:exon1:c.G2	NA	rs3818123	B
chr6	1.54E+08	1.54E+08	A	G	exonic	OPRM1	synonymous SNV	OPRM1:NM_001008505:exon4:c.A1323G:p.G441G	NA	rs675026	NA
chr6	1.54E+08	1.54E+08	C	T	exonic	OPRM1	synonymous SNV	OPRM1:NM_001008505:exon4:c.C1333T:p.L445L	NA	rs562859	NA
chr6	1.55E+08	1.55E+08	G	A	exonic	TIAM2	synonymous SNV	TIAM2:NM_012454:exon7:c.G2034A:p.Q678Q	NA	rs1032141	NA
chr6	1.56E+08	1.56E+08	AAA	-	UTR3	TFB1M,TIAM2	NA	NA	NA	NA	NA
chr6	1.56E+08	1.56E+08	A	G	upstream	TFB1M	NA	NA	NA	rs1334688	NA
chr6	1.58E+08	1.58E+08	A	-	UTR3	ZDHHC14	NA	NA	NA	NA	NA
chr6	1.58E+08	1.58E+08	A	T	UTR3	ZDHHC14	NA	NA	NA	NA	NA
chr6	1.59E+08	1.59E+08	G	A	UTR3	GTF2H5	NA	NA	NA	rs9457163	NA
chr6	1.59E+08	1.59E+08	TTT	-	UTR3	TULP4	NA	NA	NA	NA	NA
chr6	1.59E+08	1.59E+08	C	T	exonic	SYTL3	synonymous SNV	1009991:exon14:c.C1173T:p.L391L,SYTL3:NM_001242394:exon15:c.C:	NA	rs117895837	NA
chr6	1.59E+08	1.59E+08	A	-	UTR3	EZR	NA	NA	NA	NA	NA
chr6	1.59E+08	1.59E+08	A	C	UTR3	EZR	NA	NA	NA	NA	NA
chr6	1.6E+08	1.6E+08	T	C	exonic	FNDC1	synonymous SNV	FNDC1:NM_032532:exon11:c.T3270C:p.D1090D	NA	NA	NA
chr6	1.61E+08	1.61E+08	TGTG	-	UTR3	IGF2R	NA	NA	NA	NA	NA
chr6	1.61E+08	1.61E+08	C	T	exonic	SLC22A2	synonymous SNV	SLC22A2:NM_003058:exon10:c.G1506A:p.V502V	NA	rs316003	NA
chr6	1.64E+08	1.64E+08	G	C	UTR3	QKI	NA	NA	NA	NA	NA
chr6	1.67E+08	1.67E+08	T	C	UTR5	SFT2D1	NA	NA	NA	rs10862	NA
chr6	1.67E+08	1.67E+08	A	C	UTR5	SFT2D1	NA	NA	NA	rs11168	NA
chr6	1.68E+08	1.68E+08	G	C	UTR5	CCR6	NA	NA	NA	rs1012656	NA
chr6	1.68E+08	1.68E+08	A	C	ncRNA_exonic	MLLT4-AS1	NA	NA	NA	NA	NA
chr6	1.68E+08	1.68E+08	A	C	ncRNA_exonic	MLLT4-AS1	NA	NA	NA	NA	NA
chr6	1.68E+08	1.68E+08	A	C	ncRNA_exonic	MLLT4-AS1	NA	NA	NA	NA	NA
chr6	1.68E+08	1.68E+08	GTGTGTGT	-	UTR3	MLLT4	NA	NA	NA	NA	NA
chr6	1.68E+08	1.68E+08	G	T	exonic	HGC6.3	synonymous SNV	HGC6.3:NM_001129895:exon1:c.C282A:p.P94P	NA	NA	NA
chr6	1.68E+08	1.68E+08	G	C	exonic	FRMD1	nonsynonymous SNV	1122841:exon10:c.C1162G:p.Q388E,FRMD1:NM_024919:exon10:c.C1	NA	rs1548349	B
chr6	1.68E+08	1.68E+08	G	A	exonic	FRMD1	synonymous SNV	FRMD1:NM_024919:exon1:c.C171T:p.L57L	NA	rs34054991	NA
chr6	1.7E+08	1.7E+08	C	T	exonic	THBS2	synonymous SNV	THBS2:NM_003247:exon6:c.G777A:p.S259S	NA	rs61730651	NA
chr7	537542	537542	G	A	UTR3	PDGFA	NA	NA	NA	NA	NA
chr7	537560	537560	T	A	UTR3	PDGFA	NA	NA	NA	NA	NA
chr7	537690	537690	T	G	UTR3	PDGFA	NA	NA	NA	NA	NA
chr7	1478615	1478615	T	G	exonic	MICALL2	synonymous SNV	MICALL2:NM_182924:exon10:c.A1983C:p.P661P	NA	NA	NA
chr7	1787520	1787520	A	-	UTR3	ELFN1	NA	NA	NA	rs5881906	NA
chr7	2567705	2567705	A	G	UTR3	LFNG	NA	NA	NA	NA	NA
chr7	4809075	4809075	T	-	UTR3	FOKK1	NA	NA	NA	NA	NA
chr7	4810496	4810501	GTGTGT	-	UTR3	FOKK1	NA	NA	NA	NA	NA
chr7	4841318	4841318	G	A	exonic	RADIL	synonymous SNV	RADIL:NM_018059:exon12:c.C2808T:p.N936N	NA	rs6945581	NA
chr7	5013688	5013688	A	G	ncRNA_exonic	RNF216P1	NA	NA	NA	rs6978215	NA
chr7	5346838	5346838	-	T	UTR3	TNRC18	NA	NA	NA	NA	NA

chr7	5352665	5352665	-	GAGGAG	exonic	TNRC18	nonframeshift insertion	IRC18:NM_001080495:exon27:c.7857_7858insCTCCTC:p.S2619delinsS	NA	NA	NA
chr7	5660802	5660802	-	ATCTTTT	UTR3	RNF216	NA	NA	NA	NA	NA
chr7	6448941	6448941	T	G	UTR3	DAGLB	NA	NA	NA	NA	NA
chr7	9673930	9673930	G	-	ncRNA_exonic	PER4	NA	NA	NA	rs5882228	NA
chr7	9675063	9675063	C	A	ncRNA_exonic	PER4	NA	NA	NA	NA	NA
chr7	11411963	11411963	-	TT	UTR3	THSD7A	NA	NA	NA	NA	NA
chr7	12370657	12370657	A	G	UTR3	VWDE	NA	NA	NA	rs2253353	NA
chr7	12370794	12370794	T	C	UTR3	VWDE	NA	NA	NA	rs1059002	NA
chr7	12730250	12730250	-	T	UTR3	ARL4A	NA	NA	NA	NA	NA
chr7	15725798	15725800	TGG	-	exonic	MEOX2	nonframeshift deletion	MEOX2:NM_005924:exon1:c.228_230del:p.76_77del	rs150907;OCCURENCE=1(stomach),1(oes	rs113582077	NA
chr7	15726129	15726129	A	C	UTR5	MEOX2	NA	NA	NA	rs11975534	NA
chr7	16130175	16130175	A	-	UTR3	ISPD	NA	NA	NA	NA	NA
chr7	16666759	16666759	G	C	exonic	ANKMY2	synonymous SNV	ANKMY2:NM_020319:exon3:c.C177G:p.L59L	NA	rs11531477	NA
chr7	20180473	20180473	C	G	UTR3	MACC1	NA	NA	NA	NA	NA
chr7	21599233	21599233	C	T	exonic	DNAH11	synonymous SNV	DNAH11:NM_001277115:exon4:c.C705T:p.N235N	NA	rs10950854	NA
chr7	22158518	22158518	G	C	UTR3	RAPGEF5	NA	NA	NA	NA	NA
chr7	22158526	22158526	A	C	UTR3	RAPGEF5	NA	NA	NA	rs111375567	NA
chr7	22160845	22160845	A	-	UTR3	RAPGEF5	NA	NA	NA	rs10716365	NA
chr7	23531029	23531029	-	A	ncRNA_exonic	RPS2P32	NA	NA	NA	NA	NA
chr7	23545140	23545140	G	A	UTR3	TRA2A	NA	NA	NA	NA	NA
chr7	23545142	23545142	G	A	UTR3	TRA2A	NA	NA	NA	NA	NA
chr7	23545143	23545143	G	A	UTR3	TRA2A	NA	NA	NA	NA	NA
chr7	23749888	23749888	A	G	UTR5	STK31	NA	NA	NA	NA	NA
chr7	25219341	25219341	C	T	UTR5	C7orf31	NA	NA	NA	rs117565579	NA
chr7	27147452	27147452	A	-	UTR3	HOXA3	NA	NA	NA	rs59078276	NA
chr7	27224599	27224599	T	G	exonic	HOXA11	nonsynonymous SNV	HOXA11:NM_005523:exon1:c.A165C:p.Q55H	NA	NA	D
chr7	28860743	28860743	-	TGTG	UTR3	CREB5	NA	NA	NA	NA	NA
chr7	29688566	29688566	-	AAA	ncRNA_exonic	LOC646762	NA	NA	NA	NA	NA
chr7	30796038	30796038	A	T	ncRNA_UTR3	INMT	NA	NA	NA	rs10258337	NA
chr7	32525555	32525557	AAA	-	UTR3	LSM5	NA	NA	NA	NA	NA
chr7	32525561	32525561	A	C	UTR3	LSM5	NA	NA	NA	rs7784803	NA
chr7	32525564	32525564	A	C	UTR3	LSM5	NA	NA	NA	NA	NA
chr7	32613020	32613020	A	G	exonic	AVL9	synonymous SNV	AVL9:NM_015060:exon12:c.A1560G:p.T520T	rs150265;OCCURENCE=1(stomach)	rs1993050	NA
chr7	33045704	33045704	T	-	UTR3	FKBP9	NA	NA	NA	NA	NA
chr7	36447349	36447349	-	CTT	exonic	ANLN	nonframeshift insertion	ANLN:NM_018685:exon5:c.880_881insCTT:p.T294delinsTS	NA	rs143969069	NA
chr7	37991430	37991430	T	-	UTR3	EPDR1	NA	NA	NA	rs5883621	NA
chr7	41728701	41728702	TG	-	UTR3	INHBA	NA	NA	NA	NA	NA
chr7	44836268	44836268	C	G	UTR5	PPIA	NA	NA	NA	rs8177826	NA
chr7	44868379	44868379	A	G	UTR3	H2AFV	NA	NA	NA	rs1058056	NA
chr7	44868971	44868971	G	A	UTR3	H2AFV	NA	NA	NA	rs66566005	NA
chr7	44919001	44919002	TT	-	UTR3	PURB	NA	NA	NA	rs71710319	NA
chr7	45123577	45123577	C	T	exonic	NACAD	synonymous SNV	NACAD:NM_001146334:exon2:c.G2202A:p.S734S	NA	NA	NA
chr7	45123660	45123660	A	G	exonic	NACAD	nonsynonymous SNV	NACAD:NM_001146334:exon2:c.T2119C:p.S707P	NA	rs202009438	NA
chr7	48965141	48965141	A	G	ncRNA_exonic	CDC14C	NA	NA	NA	rs28454487	NA
chr7	50199066	50199066	G	C	downstream	C7orf72	NA	NA	NA	rs6966228	NA
chr7	50628740	50628743	CTCT	-	UTR5	DDC	NA	NA	NA	rs3837091	NA
chr7	56079222	56079222	A	-	UTR3	PSPH	NA	NA	NA	rs34727399	NA
chr7	56147931	56147931	C	A	UTR3	SUMF2	NA	NA	NA	NA	NA
chr7	64254822	64254832	5CTGCAGG	-	UTR5	ZNF138	NA	NA	NA	rs112918223	NA
chr7	64436819	64436819	-	A	UTR3	ZNF117	NA	NA	NA	NA	NA
chr7	65159983	65159983	A	G	ncRNA_exonic	INTS4L2	NA	NA	NA	rs147104756	NA
chr7	65228273	65228273	G	A	ncRNA_exonic	CCT6P1	NA	NA	NA	rs1131689	NA
chr7	70257602	70257602	T	-	UTR3	AUTS2	NA	NA	NA	rs71777072	NA
chr7	72304471	72304471	T	-	ncRNA_exonic	SBDSP1	NA	NA	NA	rs5884895	NA
chr7	73112466	73112466	G	A	UTR3	WBSCR22	NA	NA	NA	NA	NA
chr7	73818404	73818404	C	T	UTR3	CLIP2	NA	NA	NA	rs2240436	NA
chr7	76669028	76669028	A	C	ncRNA_exonic	LOC100132832	NA	NA	NA	NA	NA
chr7	76669044	76669044	G	C	ncRNA_exonic	LOC100132832	NA	NA	NA	rs1063947	NA
chr7	76669060	76669060	G	A	ncRNA_exonic	LOC100132832	NA	NA	NA	NA	NA
chr7	76669085	76669085	T	A	ncRNA_exonic	LOC100132832	NA	NA	ID=COSN405014;OCCURENCE=1(lung)	NA	NA
chr7	76991935	76991935	C	T	exonic	GSAP	nonsynonymous SNV	GSAP:NM_017439:exon13:c.G914A:p.G305E	NA	rs1527263	B
chr7	77408761	77408762	AT	-	UTR3	RSBN1L	NA	NA	NA	rs10569815	NA
chr7	82784471	82784471	A	G	exonic	PCLO	nonsynonymous SNV	1_014510:exon2:c.T1486C:p.S496P,PCLO:NM_033026:exon2:c.T1486C:46480,COSM246482;OCCURENCE=2(kidney)	rs199515717	NA	NA
chr7	83278198	83278198	G	A	UTR5	SEMA3E	NA	NA	NA	rs200070960	NA
chr7	84625293	84625293	T	-	UTR3	SEMA3D	NA	NA	NA	NA	NA
chr7	89863860	89863860	-	T	UTR3	STEAP2	NA	NA	NA	NA	NA

chr7	91742142	91742142	-	A	UTR3	CYP51A1	NA	NA	NA	NA	NA
chr7	91829671	91829671	-	T	UTR3	KRIT1	NA	NA	NA	NA	NA
chr7	92088521	92088521	-	AG	UTR3	GATAD1	NA	NA	NA	rs112382994	NA
chr7	92775019	92775019	T	C	UTR5	SAMD9L	NA	NA	NA	rs28662	NA
chr7	94030899	94030899	T	C	exonic	COL1A2	synonymous SNV	COL1A2:NM_000089:exon6:c.T246C:p.D82D	NA	rs1800222	NA
chr7	94989256	94989256	T	-	UTR3	PON3	NA	NA	NA	NA	NA
chr7	95025600	95025600	G	A	exonic	PON3	synonymous SNV	PON3:NM_000940:exon1:c.C63T:p.F21F	NA	rs13226149	NA
chr7	97837250	97837251	AT	-	UTR3	LMTK2	NA	NA	NA	rs140647225	NA
chr7	98445139	98445139	G	C	UTR3	TMEM130	NA	NA	NA	rs147506687	NA
chr7	98792835	98792835	G	A	exonic	KPNA7	synonymous SNV	KPNA7:NM_001145715:exon4:c.C411T:p.A137A	NA	rs61751722	NA
chr7	99752122	99752122	A	-	UTR3	C7orf43	NA	NA	NA	NA	NA
chr7	1E+08	1E+08	T	G	exonic	MEPCE	nonsynonymous SNV	MEPCE:NM_019606:exon1:c.T518G:p.V173G	NA	NA	D
chr7	1E+08	1E+08	A	G	UTR3	NYAP1	NA	NA	NA	NA	NA
chr7	1E+08	1E+08	C	G	UTR3	NYAP1	NA	NA	NA	NA	NA
chr7	1E+08	1E+08	T	G	UTR3	NYAP1	NA	NA	NA	NA	NA
chr7	1E+08	1E+08	T	G	UTR3	NYAP1	NA	NA	NA	NA	NA
chr7	1E+08	1E+08	TT	-	UTR3	AGFG2	NA	NA	NA	NA	NA
chr7	1E+08	1E+08	T	G	UTR3	GIGYF1	NA	NA	NA	NA	NA
chr7	1E+08	1E+08	A	C	UTR3	GIGYF1	NA	NA	NA	NA	NA
chr7	1E+08	1E+08	AA	-	UTR3	GIGYF1	NA	NA	NA	NA	NA
chr7	1E+08	1E+08	T	-	UTR3	GIGYF1	NA	NA	NA	rs146231586	NA
chr7	1E+08	1E+08	T	C	exonic	ZAN	unknown	UNKNOWN	NA	NA	NA
chr7	1E+08	1E+08	T	C	exonic	ZAN	unknown	UNKNOWN	NA	rs200387712	NA
chr7	1E+08	1E+08	T	C	exonic	ZAN	unknown	UNKNOWN	NA	rs201073731	NA
chr7	1E+08	1E+08	C	A	exonic	ZAN	unknown	UNKNOWN	NA	rs2734880	NA
chr7	1E+08	1E+08	C	T	exonic	ZAN	unknown	UNKNOWN	NA	rs314298	NA
chr7	1E+08	1E+08	-	G	exonic	ZAN	unknown	UNKNOWN	NA	rs148800656	NA
chr7	1E+08	1E+08	T	C	exonic	ZAN	unknown	UNKNOWN	NA	rs531503	NA
chr7	1E+08	1E+08	-	G	UTR5	SRRT	NA	NA	NA	rs11462700	NA
chr7	1.01E+08	1.01E+08	C	A	exonic	MUC12	nonsynonymous SNV	MUC12:NM_001164462:exon2:c.C5574A:p.D1858E	NA	rs200702634	NA
chr7	1.01E+08	1.01E+08	G	A	exonic	MUC12	nonsynonymous SNV	MUC12:NM_001164462:exon2:c.G5575A:p.A1859T	NA	rs201905745	NA
chr7	1.01E+08	1.01E+08	C	T	exonic	MUC12	nonsynonymous SNV	MUC12:NM_001164462:exon2:c.C7787T:p.T2596I	NA	NA	NA
chr7	1.01E+08	1.01E+08	C	G	exonic	MUC12	nonsynonymous SNV	MUC12:NM_001164462:exon2:c.C8078G:p.P2693R	NA	NA	NA
chr7	1.01E+08	1.01E+08	G	A	exonic	MUC12	nonsynonymous SNV	MUC12:NM_001164462:exon2:c.G11150A:p.R3717H	NA	rs200935425	NA
chr7	1.01E+08	1.01E+08	A	T	exonic	MUC12	nonsynonymous SNV	MUC12:NM_001164462:exon2:c.A12560T:p.K4187I	NA	rs202045957	NA
chr7	1.01E+08	1.01E+08	T	C	UTR3	MUC17	NA	NA	NA	rs4729655	NA
chr7	1.01E+08	1.01E+08	T	A	UTR3	MUC17	NA	NA	NA	rs4729656	NA
chr7	1.01E+08	1.01E+08	G	A	exonic	COL26A1	unknown	UNKNOWN	NA	rs17393069	NA
chr7	1.02E+08	1.02E+08	A	-	UTR3	ORAI2	NA	NA	NA	rs11303681	NA
chr7	1.02E+08	1.02E+08	A	-	UTR3	ORAI2	NA	NA	NA	NA	NA
chr7	1.02E+08	1.02E+08	C	A	UTR3	RASA4	NA	NA	NA	rs11547188	NA
chr7	1.02E+08	1.02E+08	T	C	exonic	RASA4,RASA4B	nonsynonymous SNV	2G:p.E141G,RASA4B:NM_001277335:exon5:c.A422G:p.E141G,RASA4:I	NA	rs11547189	D
chr7	1.02E+08	1.02E+08	A	G	exonic	RASA4,RASA4B	synonymous SNV	3C:p.D113D,RASA4B:NM_001277335:exon5:c.C339C:p.D113D,RASA4:I	NA	rs11547191	NA
chr7	1.02E+08	1.02E+08	C	G	UTR5	POLR2J2	NA	NA	NA	rs71559483	NA
chr7	1.03E+08	1.03E+08	G	-	ncRNA_exonic	DPY19L2P2	NA	NA	NA	NA	NA
chr7	1.03E+08	1.03E+08	A	G	exonic	RELN	synonymous SNV	J05045:exon50:c.T7887C:p.P2629P,RELN:NM_173054:exon50:c.T7887	NA	rs56345626	NA
chr7	1.07E+08	1.07E+08	A	C	UTR3	BCAP29	NA	NA	NA	rs9691194	NA
chr7	1.08E+08	1.08E+08	A	G	UTR5	LAMB1	NA	NA	NA	rs2070917	NA
chr7	1.15E+08	1.15E+08	C	T	UTR3	MDFIC	NA	NA	NA	NA	NA
chr7	1.16E+08	1.16E+08	AAAAAAG	-	UTR3	CAV2	NA	NA	NA	rs201863771	NA
chr7	1.16E+08	1.16E+08	A	-	UTR3	CAV1	NA	NA	NA	NA	NA
chr7	1.17E+08	1.17E+08	C	T	exonic	CFTR	nonsynonymous SNV	CFTR:NM_000492:exon10:c.C1265T:p.S422F	NA	rs201880593	B
chr7	1.17E+08	1.17E+08	A	G	exonic	CFTR	nonsynonymous SNV	CFTR:NM_000492:exon10:c.A1312G:p.T438A	NA	rs201434579	B
chr7	1.17E+08	1.17E+08	G	T	exonic	CFTR	synonymous SNV	CFTR:NM_000492:exon10:c.G1365T:p.A455A	NA	rs79074685	NA
chr7	1.17E+08	1.17E+08	TCT	-	exonic	CFTR	nonframeshift deletion	CFTR:NM_000492:exon11:c.1520_1522del:p.507_508del	NA	rs199826652	NA
chr7	1.17E+08	1.17E+08	G	A	exonic	CFTR	synonymous SNV	CFTR:NM_000492:exon11:c.G1584A:p.E528E	NA	rs1800095	NA
chr7	1.21E+08	1.21E+08	A	-	UTR3	ING3	NA	NA	NA	NA	NA
chr7	1.21E+08	1.21E+08	C	G	UTR3	ING3	NA	NA	NA	NA	NA
chr7	1.21E+08	1.21E+08	-	CACC	UTR5	WNT16	NA	NA	NA	rs10668066	NA
chr7	1.22E+08	1.22E+08	T	G	exonic	PTPRZ1	nonsynonymous SNV	1:n1:c.T8G:p.I3S,PTPRZ1:NM_001206839:exon1:c.T8G:p.I3S,PTPRZ1:NM	NA	rs740965	NA
chr7	1.27E+08	1.27E+08	-	GT	UTR3	PAX4	NA	NA	NA	rs36159526	NA
chr7	1.28E+08	1.28E+08	C	T	exonic	FAM71F1	nonsynonymous SNV	FAM71F1:NM_032599:exon3:c.C683T:p.S228L	NA	rs6949056	P
chr7	1.28E+08	1.28E+08	T	G	UTR5	CALU	NA	NA	NA	NA	NA
chr7	1.3E+08	1.3E+08	-	TG	UTR3	CPA4	NA	NA	NA	NA	NA
chr7	1.3E+08	1.3E+08	T	G	UTR3	CPA4	NA	NA	NA	rs138933581	NA
chr7	1.3E+08	1.3E+08	A	-	ncRNA_exonic	MESTIT1	NA	NA	NA	rs201085778	NA

chr7	1.3E+08	1.3E+08	A	-	UTR3	COPG2	NA	NA	NA	rs61354155	NA
chr7	1.3E+08	1.3E+08	G	A	UTR3	COPG2	NA	NA	NA	NA	NA
chr7	1.3E+08	1.3E+08	A	G	exonic	KLF14	synonymous SNV	KLF14:NM_138693:exon1:c.T879C:p.T293T	NA	NA	NA
chr7	1.31E+08	1.31E+08	AA	-	UTR3	MKLN1	NA	NA	NA	NA	NA
chr7	1.35E+08	1.35E+08	C	T	UTR3	C7orf73	NA	NA	NA	NA	NA
chr7	1.37E+08	1.37E+08	CACA	-	UTR5	CHRM2	NA	NA	NA	NA	NA
chr7	1.38E+08	1.38E+08	A	T	UTR3	SVOPL	NA	NA	NA	rs1439793	NA
chr7	1.38E+08	1.38E+08	A	-	UTR3	TMEM213	NA	NA	NA	rs61044050	NA
chr7	1.39E+08	1.39E+08	T	-	UTR3	KIAA1549	NA	NA	NA	NA	NA
chr7	1.4E+08	1.4E+08	CTTCCTTC	-	ncRNA_exonic	LOC100134229	NA	NA	NA	NA	NA
chr7	1.4E+08	1.4E+08	CTCCCTTT	-	ncRNA_exonic	LOC100134229	NA	NA	NA	NA	NA
chr7	1.4E+08	1.4E+08	CTTTCTTT	-	ncRNA_exonic	LOC100134229	NA	NA	NA	NA	NA
chr7	1.4E+08	1.4E+08	A	G	exonic	DENND2A	synonymous SNV	DENND2A:NM_015689:exon1:c.T909C:p.P303P	NA	NA	NA
chr7	1.42E+08	1.42E+08	C	T	exonic	MGAM	nonsynonymous SNV	MGAM:NM_004668:exon10:c.C1201T:p.R401C	NA	rs188481752	NA
chr7	1.42E+08	1.42E+08	T	C	exonic	PRSS2	unknown	UNKNOWN	NA	NA	NA
chr7	1.43E+08	1.43E+08	C	T	exonic	CLCN1	synonymous SNV	CLCN1:NM_000083:exon17:c.C2154T:p.D718D	NA	rs2272251	NA
chr7	1.43E+08	1.43E+08	T	C	exonic	EPHA1	synonymous SNV	EPHA1:NM_005232:exon17:c.A2742G:p.P914P	NA	rs1804527	NA
chr7	1.43E+08	1.43E+08	G	C	exonic	CTAGE15	nonsynonymous SNV	CTAGE15:NM_001008747:exon1:c.G463C:p.E155Q	NA	rs201542928	NA
chr7	1.43E+08	1.43E+08	C	T	exonic	CTAGE15	nonsynonymous SNV	CTAGE15:NM_001008747:exon1:c.C1091T:p.A364V	NA	rs201104924	NA
chr7	1.43E+08	1.43E+08	C	T	exonic	FAM115C	nonsynonymous SNV	F:p.R101W,FAM115C:NM_001130025:exon3:c.C793T:p.R265W,FAM11	NA	rs143124178	D
chr7	1.43E+08	1.43E+08	C	T	UTR3	FAM115C	NA	NA	NA	rs139515914	NA
chr7	1.43E+08	1.43E+08	A	G	exonic	CTAGE6	nonsynonymous SNV	CTAGE6:NM_178561:exon1:c.T2077C:p.F693L	NA	rs62484795	NA
chr7	1.44E+08	1.44E+08	G	A	ncRNA_UTR3	CTAGE4	NA	NA	NA	rs1048325	NA
chr7	1.49E+08	1.49E+08	G	-	UTR3	EZH2	NA	NA	NA	rs3217095	NA
chr7	1.49E+08	1.49E+08	A	-	UTR3	PDIA4	NA	NA	NA	NA	NA
chr7	1.49E+08	1.49E+08	A	-	UTR3	ZNF786	NA	NA	NA	NA	NA
chr7	1.49E+08	1.49E+08	A	G	ncRNA_exonic	LOC155060	NA	NA	NA	rs13236978	NA
chr7	1.5E+08	1.5E+08	A	C	UTR3	ZNF862	NA	NA	NA	NA	NA
chr7	1.51E+08	1.51E+08	C	A	UTR3	PRKAG2	NA	NA	NA	rs202151040	NA
chr7	1.52E+08	1.52E+08	T	G	UTR3	GALNT11	NA	NA	NA	NA	NA
chr7	1.52E+08	1.52E+08	T	G	UTR3	GALNT11	NA	NA	NA	NA	NA
chr7	1.52E+08	1.52E+08	G	T	exonic	MLL3	synonymous SNV	MLL3:NM_170606:exon15:c.C2646A:p.I882I	NA	rs201452267	NA
chr7	1.52E+08	1.52E+08	G	A	exonic	MLL3	nonsynonymous SNV	MLL3:NM_170606:exon15:c.C2578T:p.P860S	NA	rs112515611	D
chr7	1.55E+08	1.55E+08	T	C	UTR3	EN2	NA	NA	NA	rs55729502	NA
chr7	1.55E+08	1.55E+08	C	T	UTR3	EN2	NA	NA	NA	rs3808326	NA
chr7	1.55E+08	1.55E+08	A	G	UTR5	CNPY1	NA	NA	NA	rs6947243	NA
chr7	1.57E+08	1.57E+08	C	T	UTR3	MNX1	NA	NA	NA	NA	NA
chr7	1.59E+08	1.59E+08	G	C	UTR3	VIPR2	NA	NA	NA	rs1965613	NA
chr8	1733482	1733482	C	G	UTR3	CLN8	NA	NA	NA	rs111861349	NA
chr8	1733695	1733695	A	C	UTR3	CLN8	NA	NA	NA	NA	NA
chr8	6793581	6793581	A	G	exonic	DEFA4	synonymous SNV	DEFA4:NM_001925:exon3:c.T255C:p.G85G	NA	rs2738100	NA
chr8	7718180	7718180	T	C	exonic	SPAG11A	nonsynonymous SNV	SPAG11A:NM_001081552:exon3:c.T227C:p.L76P	NA	rs1071602	NA
chr8	7721244	7721244	C	T	UTR3	SPAG11A	NA	NA	NA	rs2740048	NA
chr8	8176554	8176554	C	T	exonic	SGK223	nonsynonymous SNV	SGK223:NM_001080826:exon5:c.G3331A:p.A1111T	NA	rs12549973	NA
chr8	10390452	10390452	C	T	exonic	PRSS55	nonsynonymous SNV	_001197020:exon4:c.C635T:p.A212V,PRSS55:NM_198464:exon4:c.C63	NA	rs4406360	B
chr8	10465247	10465247	T	C	exonic	RP1L1	nonsynonymous SNV	RP1L1:NM_178857:exon4:c.A6361G:p.T2121A	NA	NA	NA
chr8	11183978	11183978	-	TTGTTG	UTR3	MTMR9	NA	NA	NA	rs145931471	NA
chr8	11644751	11644751	A	G	UTR3	NEIL2	NA	NA	NA	rs4639	NA
chr8	12039778	12039778	G	A	UTR3	FAM86B1	NA	NA	NA	rs2698910	NA
chr8	12044328	12044328	T	C	exonic	FAM86B1	synonymous SNV	FAM86B1:NM_001083537:exon4:c.A255G:p.S85S	NA	rs138175362	NA
chr8	12881550	12881550	-	TT	UTR3	KIAA1456	NA	NA	NA	NA	NA
chr8	12886083	12886083	C	T	UTR3	KIAA1456	NA	NA	NA	rs7464342	NA
chr8	12943086	12943086	T	-	UTR3	DLC1	NA	NA	NA	rs60094700	NA
chr8	17080240	17080264	ACATTATCT	-	UTR3	ZDHHC2	NA	NA	NA	rs11271419	NA
chr8	17796382	17796382	A	G	exonic	PCM1	nonsynonymous SNV	PCM1:NM_006197:exon5:c.A476G:p.N159S	NA	rs41364448	NA
chr8	17796383	17796383	C	T	exonic	PCM1	synonymous SNV	PCM1:NM_006197:exon5:c.C477T:p.N159N	NA	rs114261839	NA
chr8	18081198	18081198	A	-	UTR3	NAT1	NA	NA	NA	rs68160149	NA
chr8	20002739	20002739	-	G	UTR3	SLC18A1	NA	NA	NA	rs140084839	NA
chr8	22069386	22069386	T	C	UTR3	BMP1	NA	NA	NA	rs7001	NA
chr8	22546609	22546609	G	A	UTR3	EGR3	NA	NA	NA	NA	NA
chr8	23190941	23190941	T	C	exonic	LOXL2	synonymous SNV	LOXL2:NM_002318:exon5:c.A939G:p.S313S	NA	rs1010156	NA
chr8	23429691	23429691	G	A	UTR3	SLC25A37	NA	NA	NA	NA	NA
chr8	23536563	23536563	-	T	UTR3	NKX3-1	NA	NA	NA	NA	NA
chr8	23537685	23537685	T	A	UTR3	NKX3-1	NA	NA	NA	NA	NA
chr8	25269595	25269595	T	-	UTR3	DOCK5	NA	NA	NA	NA	NA
chr8	26240646	26240646	A	G	UTR5	BNIP3L	NA	NA	NA	rs1055479	NA

chr8	26435510	26435511	TC	-	UTR5	DPYSL2	NA	NA	NA	rs145510839	NA	
chr8	26605958	26605958	A	-	UTR3	ADRA1A	NA	NA	NA	rs34923219	NA	
chr8	27143206	27143206	C	-	UTR3	TRIM35	NA	NA	NA	NA	NA	
chr8	27336446	27336446	T	G	UTR5	CHRNA2	NA	NA	NA	NA	NA	
chr8	27879668	27879668	C	T	UTR3	NUGGC	NA	NA	NA	NA	NA	
chr8	27879674	27879674	C	T	UTR3	NUGGC	NA	NA	NA	NA	NA	
chr8	28203280	28203280	-	TTTT	UTR3	ZNF395	NA	NA	NA	NA	NA	
chr8	28205777	28205778	TT	-	UTR3	ZNF395	NA	NA	NA	NA	NA	
chr8	28205806	28205806	G	A	UTR3	ZNF395	NA	NA	NA	rs144407947	NA	
chr8	28633328	28633328	A	C	exonic	INTS9	nonsynonymous SNV	3G:p.V483G,INTS9:NM_001172562:exon14:c.T1439G:p.V480G,INTS9:N	NA	NA	D	
chr8	31024654	31024654	T	C	exonic	WRN	nonsynonymous SNV	WRN:NM_000553:exon34:c.T4099C:p.C1367R	NA	rs1346044	D	
chr8	33356074	33356074	A	G	exonic	MAK16	nonsynonymous SNV	MAK16:NM_032509:exon10:c.A830G:p.Q277R	NA	rs6468171	B	
chr8	33356191	33356191	-	T	UTR3	MAK16,TTI2	NA	NA	NA	NA	NA	
chr8	33370396	33370396	A	-	UTR5	TTI2	NA	NA	NA	NA	NA	
chr8	37636436	37636436	A	-	UTR3	PROSC	NA	NA	NA	NA	NA	
chr8	38000824	38000825	TT	-	UTR3	STAR	NA	NA	NA	NA	NA	
chr8	38033989	38033989	G	C	UTR5	LSM1	NA	NA	NA	rs2270376	NA	
chr8	38034322	38034322	C	A	UTR5	BAG4	NA	NA	NA	NA	NA	
chr8	38096451	38096451	-	TG	UTR3	DDHD2	NA	NA	NA	rs145118988	NA	
chr8	38096587	38096587	G	A	UTR3	DDHD2	NA	NA	NA	rs10103315	NA	
chr8	38281181	38281181	A	-	intronic	FGFR1	NA	NA	NA	NA	NA	
chr8	38585785	38585785	G	A	UTR5	TACC1	NA	NA	NA	NA	NA	
chr8	38585831	38585831	T	G	UTR5	TACC1	NA	NA	NA	NA	NA	
chr8	39311600	39311600	C	T	ncRNA_exonic	ADAM3A	NA	NA	NA	rs7813010	NA	
chr8	40438757	40438757	T	C	exonic	ZMAT4	nonsynonymous SNV	_001135731:exon5:c.A373G:p.T125A,ZMAT4:NM_024645:exon6:c.A6C=	COSM1179839;OCCURENCE=1(prostat	rs17851751	B	
chr8	41399511	41399511	G	T	exonic	GINS4	nonsynonymous SNV	GINS4:NM_032336:exon8:c.G577T:p.D193Y	NA	NA	P	
chr8	41503854	41503857	AAAG	-	UTR3	NKX6-3	NA	NA	NA	rs140821380	NA	
chr8	41790809	41790809	A	G	exonic	KAT6A	synonymous SNV	1643P,KAT6A:NM_001099412:exon18:c.T4929C:p.P1643P,KAT6A:NM	NA	NA	NA	
chr8	42010466	42010466	A	G	UTR5	AP3M2	NA	NA	NA	rs6982888	NA	
chr8	52732287	52732287	C	T	UTR3	PCMTD1	NA	NA	NA	rs75854138	NA	
chr8	52732781	52732781	A	T	UTR3	PCMTD1	NA	NA	NA	rs72644314	NA	
chr8	52732792	52732792	T	A	UTR3	PCMTD1	NA	NA	NA	rs111380744	NA	
chr8	52732831	52732834	TCTC	-	UTR3	PCMTD1	NA	NA	NA	NA	NA	
chr8	52732843	52732843	C	T	UTR3	PCMTD1	NA	NA	NA	ID=COSN405080;OCCURENCE=1(lung)	rs116069210	NA
chr8	52732871	52732871	T	C	UTR3	PCMTD1	NA	NA	NA	ID=COSN405081;OCCURENCE=1(lung)	rs77261625	NA
chr8	59363065	59363065	C	G	UTR3	UBXN2B	NA	NA	NA	NA	NA	
chr8	63891662	63891662	C	A	ncRNA_exonic	UG0898H09	NA	NA	NA	NA	NA	
chr8	69143713	69143714	TT	-	UTR3	PREX2	NA	NA	NA	rs148008471	NA	
chr8	70745171	70745171	C	A	UTR5	SLCO5A1	NA	NA	NA	rs3750268	NA	
chr8	71520608	71520608	-	A	UTR5	TRAM1	NA	NA	NA	rs111278931	NA	
chr8	74235889	74235890	TT	-	UTR3	RDH10	NA	NA	NA	NA	NA	
chr8	76476959	76476959	C	A	UTR3	HNF4G	NA	NA	NA	rs2941479	NA	
chr8	76478991	76478991	G	A	UTR3	HNF4G	NA	NA	NA	rs11774375	NA	
chr8	76479060	76479060	A	-	UTR3	HNF4G	NA	NA	NA	rs11309608	NA	
chr8	77895047	77895047	A	-	UTR3	PEX2	NA	NA	NA	NA	NA	
chr8	82665477	82665480	GTGA	-	splicing	CHMP4C	NA	NA	NA	rs137960856	NA	
chr8	82671241	82671241	C	A	UTR3	CHMP4C	NA	NA	NA	NA	NA	
chr8	82671242	82671242	T	A	UTR3	CHMP4C	NA	NA	NA	NA	NA	
chr8	82671267	82671267	A	G	UTR3	CHMP4C	NA	NA	NA	NA	NA	
chr8	82712242	82712242	-	AA	UTR3	SNX16	NA	NA	NA	NA	NA	
chr8	87666251	87666251	T	G	exonic	CNGB3	nonsynonymous SNV	CNGB3:NM_019098:exon7:c.A892C:p.T298P	NA	rs4961206	B	
chr8	90914272	90914272	A	G	UTR5	OSGIN2	NA	NA	NA	rs2250670	NA	
chr8	92971674	92971674	G	A	UTR3	RUNX1T1	NA	NA	NA	rs57856280	NA	
chr8	95158382	95158382	C	T	exonic	CDH17	synonymous SNV	01144663:exon15:c.G1941A:p.L647L,CDH17:NM_004063:exon15:c.G1	NA	rs1131830	NA	
chr8	97244167	97244167	C	A	exonic	UQCRB	synonymous SNV	M_001254752:exon3:c.G93T:p.G31G,UQCRB:NM_006294:exon3:c.G93	NA	NA	NA	
chr8	98741705	98741705	T	C	UTR3	MTDH	NA	NA	NA	rs1045444	NA	
chr8	99956761	99956761	G	C	UTR5	OSR2	NA	NA	NA	rs4735586	NA	
chr8	1.03E+08	1.03E+08	A	-	UTR3	NCALD	NA	NA	NA	NA	NA	
chr8	1.04E+08	1.04E+08	C	G	exonic	ODF1	synonymous SNV	ODF1:NM_024410:exon2:c.C642G:p.P214P	NA	rs3018445	NA	
chr8	1.04E+08	1.04E+08	G	A	exonic	ODF1	nonsynonymous SNV	ODF1:NM_024410:exon2:c.G647A:p.S216N	NA	rs2916569	NA	
chr8	1.05E+08	1.05E+08	A	-	UTR3	RIMS2	NA	NA	NA	NA	NA	
chr8	1.1E+08	1.1E+08	A	T	exonic	PKHD1L1	synonymous SNV	PKHD1L1:NM_177531:exon53:c.A9084T:p.T3028T	NA	rs1783148	NA	
chr8	1.19E+08	1.19E+08	AAA	-	UTR3	SAMD12	NA	NA	NA	NA	NA	
chr8	1.19E+08	1.19E+08	T	G	UTR3	SAMD12	NA	NA	NA	NA	NA	
chr8	1.19E+08	1.19E+08	T	G	UTR3	SAMD12	NA	NA	NA	NA	NA	
chr8	1.19E+08	1.19E+08	T	G	UTR3	SAMD12	NA	NA	NA	NA	NA	

chr8	1.19E+08	1.19E+08	T	G	UTR3	SAMD12	NA	NA	NA	NA	NA
chr8	1.19E+08	1.19E+08	T	A	UTR3	SAMD12	NA	NA	NA	NA	NA
chr8	1.21E+08	1.21E+08	C	T	exonic	TAF2	synonymous SNV	TAF2:NM_003184:exon17:c.G2250A:p.Q750Q	NA	rs7002501	NA
chr8	1.21E+08	1.21E+08	C	G	exonic	TAF2	nonsynonymous SNV	TAF2:NM_003184:exon11:c.G1340C:p.S447T	rs16893214	rs9297605	B
chr8	1.21E+08	1.21E+08	G	A	UTR5	TAF2	NA	NA	NA	rs16893214	NA
chr8	1.23E+08	1.23E+08	G	C	ncRNA_exonic	HAS2-AS1	NA	NA	NA	rs2028506	NA
chr8	1.23E+08	1.23E+08	T	A	ncRNA_UTR5	HAS2	NA	NA	NA	rs3853253	NA
chr8	1.23E+08	1.23E+08	C	T	ncRNA_UTR5	HAS2	NA	NA	NA	NA	NA
chr8	1.24E+08	1.24E+08	-	T	UTR3	ZHX1	NA	NA	NA	NA	NA
chr8	1.26E+08	1.26E+08	C	T	UTR5	TRIB1	NA	NA	NA	rs3201475	NA
chr8	1.31E+08	1.31E+08	A	G	exonic	FAM49B	synonymous SNV	|_016623:exon8:c.T585C:p.T195T,FAM49B:NM_001256763:exon9:c.T5	NA	rs1051893	NA
chr8	1.31E+08	1.31E+08	A	C	ncRNA_exonic	ASAP1-IT1	NA	NA	NA	NA	NA
chr8	1.34E+08	1.34E+08	G	A	exonic	TG	nonsynonymous SNV	TG:NM_003235:exon44:c.G7589A:p.R2530Q	NA	rs1133076	B
chr8	1.4E+08	1.4E+08	G	A	UTR5	COL22A1	NA	NA	NA	NA	NA
chr8	1.42E+08	1.42E+08	A	G	exonic	SLC45A4	synonymous SNV	SLC45A4:NM_001080431:exon7:c.T2070C:p.G690G	NA	rs7017848	NA
chr8	1.42E+08	1.42E+08	T	C	exonic	SLC45A4	nonsynonymous SNV	SLC45A4:NM_001080431:exon7:c.A1999G:p.N667D	NA	rs3739238	B
chr8	1.42E+08	1.42E+08	T	C	ncRNA_exonic	LOC731779	NA	NA	NA	rs6987289	NA
chr8	1.42E+08	1.42E+08	G	A	exonic	MROH5	unknown	UNKNOWN	NA	rs12547980	NA
chr8	1.43E+08	1.43E+08	A	G	exonic	MROH5	unknown	UNKNOWN	OSN168449;OCCURENCE=1(large_intes	rs2613637	NA
chr8	1.43E+08	1.43E+08	T	C	exonic	TSNARE1	nonsynonymous SNV	TSNARE1:NM_145003:exon4:c.A352G:p.T118A	NA	rs10100935	B
chr8	1.44E+08	1.44E+08	G	A	UTR3	PSCA	NA	NA	NA	rs10216533	NA
chr8	1.44E+08	1.44E+08	G	A	UTR3	ZFP41	NA	NA	NA	rs34386291	NA
chr8	1.45E+08	1.45E+08	A	T	ncRNA_exonic	BREA2	NA	NA	NA	rs1141722	NA
chr8	1.45E+08	1.45E+08	CT	-	UTR3	FAM83H	NA	NA	NA	rs34283115	NA
chr8	1.45E+08	1.45E+08	C	T	UTR3	PARP10	NA	NA	NA	rs1134030	NA
chr8	1.45E+08	1.45E+08	G	T	UTR3	GRINA	NA	NA	NA	rs9100	NA
chr8	1.45E+08	1.45E+08	A	C	exonic	SPATC1	nonsynonymous SNV	_001134374:exon3:c.A979C:p.T327P,SPATC1:NM_198572:exon3:c.A9	NA	NA	D
chr8	1.45E+08	1.45E+08	T	C	exonic	SPATC1	nonsynonymous SNV	_001134374:exon3:c.T985C:p.S329P,SPATC1:NM_198572:exon3:c.T9	NA	NA	P
chr8	1.46E+08	1.46E+08	-	A	UTR3	TONSL	NA	NA	NA	rs35298598	NA
chr8	1.46E+08	1.46E+08	T	G	UTR3	GPT	NA	NA	NA	NA	NA
chr8	1.46E+08	1.46E+08	C	G	UTR3	GPT	NA	NA	NA	NA	NA
chr8	1.46E+08	1.46E+08	T	G	UTR3	GPT	NA	NA	NA	NA	NA
chr8	1.46E+08	1.46E+08	G	A	ncRNA_exonic	TMED10P1	NA	NA	NA	NA	NA
chr8	1.46E+08	1.46E+08	C	T	UTR3	C8orf33	NA	NA	NA	rs6986329	NA
chr9	14710	14710	T	A	UTR3	WASH1	NA	NA	NA	NA	NA
chr9	14863	14863	A	G	exonic	WASH1	synonymous SNV	WASH1:NM_182905:exon11:c.T1342C:p.L448L	SN405104,COSN405105;OCCURENCE=3	rs2974794	NA
chr9	163985	163985	A	G	exonic	CBWD1	synonymous SNV	83C:p.Y161Y,CBWD1:NM_018491:exon5:c.T483C:p.Y161Y,CBWD1:NM	NA	rs1127420	NA
chr9	214027	214027	G	T	UTR3	C9orf66	NA	NA	NA	NA	NA
chr9	2029199	2029199	G	A	exonic	SMARCA2	synonymous SNV	NM_003070:exon2:c.G177A:p.T59T,SMARCA2:NM_139045:exon2:c.G1	NA	rs10964471	NA
chr9	2039777	2039779	CAG	-	exonic	SMARCA2	nonframeshift deletion	:exon4:c.667_669del:p.223_223del,SMARCA2:NM_139045:exon4:c.66	NA	rs113070757	NA
chr9	4586213	4586213	-	TA	UTR3	SLC1A1	NA	NA	NA	rs150334575	NA
chr9	4622453	4622453	T	C	exonic	SPATA6L	nonsynonymous SNV	SPATA6L:NM_001039395:exon6:c.A553G:p.R185G	NA	rs10974657	P
chr9	4712080	4712080	A	G	UTR3	AK3	NA	NA	NA	NA	NA
chr9	6757661	6757661	C	A	UTR5	KDM4C	NA	NA	NA	NA	NA
chr9	12775861	12775861	-	gCGGCGGG	exonic	LURAP1L	nonframeshift insertion	LRAP1L:NM_203403:exon1:c.147_148insGGCGGCGGC:p.G49delinsGGC	NA	rs139315731	NA
chr9	14993419	14993419	G	T	ncRNA_exonic	LOC389705	NA	NA	NA	rs4548277	NA
chr9	16412721	16412732	GAGAGAGA	-	UTR3	BNC2	NA	NA	NA	NA	NA
chr9	16413355	16413356	TT	-	UTR3	BNC2	NA	NA	NA	NA	NA
chr9	16414917	16414917	T	-	UTR3	BNC2	NA	NA	NA	NA	NA
chr9	16418871	16418871	-	CACACACA	UTR3	BNC2	NA	NA	NA	rs139614646	NA
chr9	17273731	17273731	A	G	exonic	CNTLN	nonsynonymous SNV	_001114395:exon6:c.A850G:p.T284A,CNTLN:NM_017738:exon6:c.A85	NA	rs3808795	B
chr9	19049596	19049596	C	A	UTR5	RRAGA	NA	NA	NA	rs2233802	NA
chr9	19054549	19054549	T	G	UTR3	HAUS6	NA	NA	NA	rs151216206	NA
chr9	19060197	19060197	A	T	exonic	HAUS6	nonsynonymous SNV	01270890:exon15:c.T1549A:p.S517T,HAUS6:NM_017645:exon15:c.T1	NA	rs41269003	D
chr9	20346360	20346360	G	A	UTR3	MLLT3	NA	NA	NA	NA	NA
chr9	27062666	27062666	G	A	exonic	IFT74	nonsynonymous SNV	A:p.V579M,IFT74:NM_001099223:exon20:c.G1735A:p.V579M,IFT74:N	NA	rs138591335	P
chr9	27205021	27205021	G	A	exonic	TEK	synonymous SNV	TEK:NM_000459:exon14:c.G2322A:p.R774R	NA	rs542913	NA
chr9	27284708	27284708	T	A	UTR3	EQTN	NA	NA	OSN168495;OCCURENCE=1(large_intes	rs1057524	NA
chr9	32553781	32553781	C	A	ncRNA_UTR3	NDUFB6	NA	NA	NA	NA	NA
chr9	33043991	33043993	AAA	-	UTR3	SMU1	NA	NA	NA	rs57341069	NA
chr9	33047211	33047211	A	-	UTR3	SMU1	NA	NA	NA	NA	NA
chr9	33111199	33111199	C	T	UTR3	B4GALT1	NA	NA	NA	rs74995636	NA
chr9	33111274	33111274	-	AAAAAAA	UTR3	B4GALT1	NA	NA	NA	NA	NA
chr9	33384951	33384951	C	G	UTR3	AQP7	NA	NA	NA	rs75724774	NA
chr9	33384960	33384960	C	T	UTR3	AQP7	NA	NA	NA	rs76796426	NA
chr9	33384977	33384977	T	G	UTR3	AQP7	NA	NA	ID=COSN405112;OCCURENCE=1(lung)	rs13434	NA

chr9	33385047	33385047	G	A	exonic	AQP7	nonsynonymous SNV	AQP7:NM_001170:exon8:c.C985T:p.P329S	NA	rs78431873	B
chr9	33385709	33385709	C	T	exonic	AQP7	synonymous SNV	AQP7:NM_001170:exon7:c.G681A:p.P227P	NA	rs116294914	NA
chr9	33386465	33386465	A	G	exonic	AQP7	nonsynonymous SNV	AQP7:NM_001170:exon5:c.T343C:p.Y115H	NA	rs74668961	B
chr9	33402374	33402374	G	C	UTR5	AQP7	NA	NA	NA	NA	NA
chr9	34834937	34834937	A	G	ncRNA_exonic	FAM205B	NA	NA	OSM1108519;OCCURENCE=2(endometri	rs202203144	NA
chr9	35609148	35609148	A	C	exonic	TESK1	synonymous SNV	TESK1:NM_006285:exon10:c.A1290C:p.T430T	NA	NA	NA
chr9	35609172	35609172	A	C	exonic	TESK1	synonymous SNV	TESK1:NM_006285:exon10:c.A1314C:p.L438L	NA	NA	NA
chr9	35609179	35609179	T	C	exonic	TESK1	nonsynonymous SNV	TESK1:NM_006285:exon10:c.T1321C:p.S441P	NA	NA	D
chr9	36216667	36216672	TATTTA	-	UTR3	GNE	NA	NA	NA	rs201131813	NA
chr9	37778498	37778498	C	T	UTR3	TRMT10B	NA	NA	NA	rs45539136	NA
chr9	37863149	37863149	G	C	UTR3	DCAF10	NA	NA	NA	rs73449401	NA
chr9	37863196	37863196	A	G	UTR3	DCAF10	NA	NA	NA	rs112696997	NA
chr9	37864020	37864020	C	-	UTR3	DCAF10	NA	NA	NA	rs35009204	NA
chr9	37918485	37918486	TG	-	UTR3	SHB	NA	NA	NA	rs66479155	NA
chr9	38398153	38398153	A	T	UTR3	ALDH1B1	NA	NA	NA	rs74363930	NA
chr9	38409062	38409062	A	T	UTR3	IGFBPL1	NA	NA	NA	rs73646183	NA
chr9	41952522	41952522	T	A	ncRNA_exonic	MGC21881	NA	NA	NA	rs62539305	NA
chr9	41952549	41952549	G	C	ncRNA_exonic	MGC21881	NA	NA	NA	rs1054552	NA
chr9	41953020	41953020	T	C	ncRNA_exonic	MGC21881	NA	NA	NA	rs201318708	NA
chr9	41959519	41959519	A	G	ncRNA_exonic	KGFLP2	NA	NA	NA	rs62563796	NA
chr9	41960898	41960898	G	T	ncRNA_exonic	KGFLP2	NA	NA	NA	rs201761160	NA
chr9	43630712	43630712	A	G	UTR5	SPATA31A6	NA	NA	NA	rs62556735	NA
chr9	66499694	66499694	A	G	ncRNA_exonic	PTGER4P2-CDK2AP2P2	NA	NA	NA	rs111388370	NA
chr9	66499867	66499867	T	C	ncRNA_exonic	PTGER4P2-CDK2AP2P2	NA	NA	NA	rs7862419	NA
chr9	66501254	66501254	A	C	ncRNA_exonic	PTGER4P2-CDK2AP2P2	NA	NA	NA	rs10442087	NA
chr9	66501326	66501326	T	C	ncRNA_exonic	PTGER4P2-CDK2AP2P2	NA	NA	NA	rs28692535	NA
chr9	66501329	66501329	C	G	ncRNA_exonic	PTGER4P2-CDK2AP2P2	NA	NA	NA	rs201855807	NA
chr9	66501437	66501437	A	-	ncRNA_exonic	PTGER4P2-CDK2AP2P2	NA	NA	NA	NA	NA
chr9	66502241	66502241	G	A	ncRNA_exonic	PTGER4P2-CDK2AP2P2	NA	NA	NA	rs1492778	NA
chr9	66502640	66502640	A	G	ncRNA_exonic	PTGER4P2-CDK2AP2P2	NA	NA	NA	rs74961113	NA
chr9	67281729	67281729	G	A	ncRNA_exonic	AQP7P1	NA	NA	NA	rs9696090	NA
chr9	67281733	67281733	A	G	ncRNA_exonic	AQP7P1	NA	NA	NA	NA	NA
chr9	67281734	67281734	G	A	ncRNA_exonic	AQP7P1	NA	NA	NA	rs2321020	NA
chr9	69200873	69200873	G	A	exonic	FOXD4L6	nonsynonymous SNV	FOXD4L6:NM_001085476:exon1:c.C740T:p.P247L	NA	NA	D
chr9	69206924	69206924	T	A	exonic	CBWD6	nonsynonymous SNV	CBWD6:NM_001085457:exon12:c.A864T:p.E288D	NA	rs1127334	B
chr9	69238294	69238294	T	C	exonic	CBWD6	nonsynonymous SNV	CBWD6:NM_001085457:exon8:c.A598G:p.I200V	NA	NA	B
chr9	69416170	69416170	C	G	exonic	ANKRD20A4	nonsynonymous SNV	ANKRD20A4:NM_001098805:exon12:c.C1117G:p.Q373E	NA	rs199732379	B
chr9	69424030	69424030	T	C	exonic	ANKRD20A4	nonsynonymous SNV	ANKRD20A4:NM_001098805:exon15:c.T2326C:p.F776L	NA	rs78100933	B
chr9	69424049	69424049	G	A	exonic	ANKRD20A4	nonsynonymous SNV	ANKRD20A4:NM_001098805:exon15:c.G2345A:p.S782N	NA	rs200653869	B
chr9	69424057	69424057	C	G	exonic	ANKRD20A4	nonsynonymous SNV	ANKRD20A4:NM_001098805:exon15:c.C2353G:p.L785V	NA	NA	B
chr9	69424098	69424098	G	A	exonic	ANKRD20A4	synonymous SNV	ANKRD20A4:NM_001098805:exon15:c.C2394A:p.Q798Q	NA	NA	NA
chr9	69424114	69424114	A	G	exonic	ANKRD20A4	nonsynonymous SNV	ANKRD20A4:NM_001098805:exon15:c.A2410G:p.T804A	NA	rs4032009	B
chr9	69424120	69424120	G	A	exonic	ANKRD20A4	nonsynonymous SNV	ANKRD20A4:NM_001098805:exon15:c.G2416A:p.V806I	NA	NA	B
chr9	69424121	69424121	T	G	exonic	ANKRD20A4	nonsynonymous SNV	ANKRD20A4:NM_001098805:exon15:c.T2417G:p.V806G	NA	rs201002653	B
chr9	69424385	69424385	A	G	UTR3	ANKRD20A4	NA	NA	NA	rs4116477	NA
chr9	69663721	69663721	C	G	ncRNA_exonic	LOC100133920	NA	NA	NA	rs199847383	NA
chr9	69664229	69664229	C	A	ncRNA_exonic	LOC100133920	NA	NA	NA	rs200049495	NA
chr9	69664284	69664284	A	G	ncRNA_exonic	LOC100133920	NA	NA	NA	rs200802718	NA
chr9	69664315	69664315	G	A	ncRNA_exonic	LOC100133920	NA	NA	NA	rs4248773	NA
chr9	69664842	69664842	T	A	ncRNA_exonic	LOC100133920	NA	NA	NA	rs75601058	NA
chr9	70175856	70175856	C	T	UTR3	FOXD4L5	NA	NA	NA	rs187159666	NA
chr9	70900911	70900911	-	A	exonic	CBWD3	frameshift insertion	CBWD3:NM_201453:exon11:c.771_772insA:p.Q257fs	NA	NA	NA
chr9	70918189	70918189	A	T	exonic	FOXD4L3	stopgain SNV	FOXD4L3:NM_199135:exon1:c.A322T:p.K108X	NA	rs7034645	NA
chr9	70970401	70970401	T	C	ncRNA_exonic	PGM5-AS1	NA	NA	NA	NA	NA
chr9	72046058	72046059	AA	-	UTR3	APBA1	NA	NA	NA	NA	NA
chr9	73002115	73002115	-	T	UTR3	KLF9	NA	NA	NA	NA	NA
chr9	74298435	74298435	-	ACAC	UTR3	TMEM2	NA	NA	NA	NA	NA
chr9	77407636	77407636	C	T	exonic	TRPM6	synonymous SNV	rs.p.Q809Q,TRPM6:NM_001177311:exon19:c.G2427A:p.Q809Q,TRPM6	NA	rs4145894	NA
chr9	77761920	77761920	T	-	UTR3	OSTF1	NA	NA	NA	rs5898396	NA
chr9	77761950	77761951	TT	-	UTR3	OSTF1	NA	NA	NA	NA	NA
chr9	78773958	78773958	A	C	exonic	PCSK5	nonsynonymous SNV	rs1190482:exon12:c.A1490C:p.N497T,PCSK5:NM_006200:exon12:c.A14	NA	NA	D
chr9	78808329	78808329	G	A	UTR3	PCSK5	NA	NA	NA	rs151056382	NA
chr9	78808329	78808329	-	AAAA	UTR3	PCSK5	NA	NA	NA	NA	NA
chr9	79465559	79465559	C	A	exonic	PRUNE2	nonsynonymous SNV	PRUNE2:NM_015225:exon3:c.G164T:p.C55F	NA	NA	NA
chr9	86153159	86153159	T	G	UTR5	FRMD3	NA	NA	NA	rs4529536	NA
chr9	86354511	86354511	G	C	UTR3	GKAP1	NA	NA	NA	rs4750	NA

chr9	86595070	86595070	C	T	UTR5	HNRNPK	NA	NA	NA	rs296887	NA
chr9	87285595	87285595	C	G	UTR5	NTRK2	NA	NA	NA	rs1187325	NA
chr9	87430433	87430433	-	T	UTR3	NTRK2	NA	NA	NA	NA	NA
chr9	88959938	88959938	C	T	exonic	ZCCHC6	synonymous SNV	51A:p.L317L,ZCCHC6:NM_001185074:exon5:c.G951A:p.L317L,ZCCHC6	NA	rs791323	NA
chr9	89763574	89763574	A	C	UTR5	C9orf170	NA	NA	NA	rs461126	NA
chr9	90323492	90323492	G	A	UTR3	DAPK1	NA	NA	NA	rs36220453	NA
chr9	94896220	94896220	-	CCCA	ncRNA_exonic	LOC100128076	NA	NA	NA	rs111380347	NA
chr9	95993326	95993326	T	C	exonic	WNK2	synonymous SNV	WNK2:NM_006648:exon3:c.T1011C:p.S337S	NA	rs11787888	NA
chr9	96026243	96026243	G	A	exonic	WNK2	synonymous SNV	WNK2:NM_006648:exon15:c.G3624A:p.T1208T	NA	rs55981123	NA
chr9	96080699	96080699	C	T	exonic	C9orf129	nonsynonymous SNV	C9orf129:NM_001098808:exon5:c.G572A:p.R191H	NA	rs36081907	NA
chr9	99264877	99264877	TT	-	UTR3	CDC14B	NA	NA	NA	rs138076839	NA
chr9	99702876	99702876	T	C	UTR3	NUTMG	NA	NA	NA	rs144789903	NA
chr9	1E+08	1E+08	G	A	ncRNA_exonic	0499484,LOC100499484-C90	NA	NA	NA	rs7020002	NA
chr9	1E+08	1E+08	-	GAGGAG	exonic	CCDC180	nonframeshift insertion	CDC180:NM_020893:exon18:c.2325_2326insGAGGAG:p.E775delinsEE	NA	rs113264216	NA
chr9	1.01E+08	1.01E+08	G	C	UTR5	FOXE1	NA	NA	NA	rs7849497	NA
chr9	1.01E+08	1.01E+08	C	G	UTR3	HEMGN	NA	NA	NA	NA	NA
chr9	1.01E+08	1.01E+08	T	C	UTR3	CORO2A	NA	NA	NA	rs1746239	NA
chr9	1.02E+08	1.02E+08	A	T	exonic	GALNT12	nonsynonymous SNV	GALNT12:NM_024642:exon1:c.A356T:p.E119V	NA	rs1137654	P
chr9	1.05E+08	1.05E+08	C	T	UTR5	GRIN3A	NA	NA	NA	rs62577464	NA
chr9	1.12E+08	1.12E+08	G	A	exonic	TMEM245	synonymous SNV	TMEM245:NM_032012:exon3:c.C702T:p.S234S	NA	rs2271878	NA
chr9	1.12E+08	1.12E+08	G	T	exonic	EPB41L4B	nonsynonymous SNV	EPB41L4B:NM_018424:exon3:c.C418A:p.L140M,EPB41L4B:NM_019114:exon3:c.C4	NA	NA	D
chr9	1.13E+08	1.13E+08	C	T	UTR3	PALM2	NA	NA	NA	rs10816907	NA
chr9	1.13E+08	1.13E+08	C	T	exonic	SVEP1	nonsynonymous SNV	SVEP1:NM_153366:exon7:c.G1519A:p.V507I	NA	rs872665	NA
chr9	1.14E+08	1.14E+08	A	G	UTR3	ZNF483	NA	NA	NA	rs7029060	NA
chr9	1.14E+08	1.14E+08	G	C	UTR5	PTGR1	NA	NA	NA	rs41279067	NA
chr9	1.14E+08	1.14E+08	G	C	UTR5	PTGR1	NA	NA	NA	rs41279069	NA
chr9	1.14E+08	1.14E+08	A	G	exonic	C9orf84	nonsynonymous SNV	C9orf84:NM_01080551:exon20:c.T2786C:p.L929P,C9orf84:NM_173521:exon22:c.T	NA	rs6477845	B
chr9	1.14E+08	1.14E+08	A	C	exonic	C9orf84	nonsynonymous SNV	C9orf84:NM_01080551:exon16:c.T2310G:p.N770K,C9orf84:NM_173521:exon18:c.T	NA	rs7036568	B
chr9	1.16E+08	1.16E+08	GT	-	UTR3	SNX30	NA	NA	NA	NA	NA
chr9	1.16E+08	1.16E+08	TT	-	UTR3	SNX30	NA	NA	NA	rs138062484	NA
chr9	1.16E+08	1.16E+08	GTGTGCTC	-	UTR5	SLC46A2	NA	NA	NA	rs200371278	NA
chr9	1.16E+08	1.16E+08	C	A	UTR5	ZNF883	NA	NA	NA	rs1324934	NA
chr9	1.16E+08	1.16E+08	C	T	ncRNA_exonic	FAM225A	NA	NA	NA	rs62576060	NA
chr9	1.16E+08	1.16E+08	T	-	UTR3	RNF183	NA	NA	NA	NA	NA
chr9	1.17E+08	1.17E+08	CA	-	UTR3	ZNF618	NA	NA	NA	rs147537659	NA
chr9	1.17E+08	1.17E+08	A	G	exonic	AKNA	nonsynonymous SNV	AKNA:NM_030767:exon21:c.T3907C:p.S1303P	NA	rs2250242	B
chr9	1.17E+08	1.17E+08	A	G	exonic	DFNB31	synonymous SNV	DFNB31:NM_001173425:exon6:c.T1353C:p.G451G,DFNB31	NA	rs4979387	NA
chr9	1.18E+08	1.18E+08	T	C	UTR3	TNFSF8	NA	NA	NA	rs3181370	NA
chr9	1.18E+08	1.18E+08	G	A	UTR3	TNFSF8	NA	NA	NA	rs3181369	NA
chr9	1.18E+08	1.18E+08	C	T	exonic	TNC	nonsynonymous SNV	TNC:NM_002160:exon19:c.G5341A:p.A1781T	NA	rs2274750	P
chr9	1.19E+08	1.19E+08	-	AA	UTR3	PAPPA	NA	NA	NA	NA	NA
chr9	1.23E+08	1.23E+08	C	G	exonic	CDK5RAP2	nonsynonymous SNV	CDK5RAP2:NM_001011649:exon31:c.G4618C:p.V1540L,CDK5	NA	rs4837768	B
chr9	1.26E+08	1.26E+08	-	TA	UTR3	RABGAP1	NA	NA	NA	rs112214533	NA
chr9	1.26E+08	1.26E+08	G	C	exonic	CRB2	nonsynonymous SNV	CRB2:NM_173689:exon3:c.G476C:p.G159A	NA	rs1105222	D
chr9	1.26E+08	1.26E+08	G	T	exonic	DENND1A	nonsynonymous SNV	DENND1A:NM_024820:exon21:c.C1623A:p.S541R	NA	NA	NA
chr9	1.31E+08	1.31E+08	A	G	UTR3	AK1	NA	NA	NA	NA	NA
chr9	1.31E+08	1.31E+08	A	G	intronic	SLC25A25	NA	NA	NA	rs947623	NA
chr9	1.31E+08	1.31E+08	G	A	UTR5	PTGES2	NA	NA	NA	rs10819365	NA
chr9	1.31E+08	1.31E+08	-	GTGCGCGG	UTR5	PTGES2	NA	NA	NA	rs11283643	NA
chr9	1.31E+08	1.31E+08	A	C	exonic	CERCAM	nonsynonymous SNV	CERCAM:NM_016174:exon5:c.A602C:p.N201T	NA	rs75750764	B
chr9	1.32E+08	1.32E+08	T	C	exonic	TBC1D13	nonsynonymous SNV	TBC1D13:NM_018201:exon8:c.T569C:p.V190A	NA	rs1572912	B
chr9	1.32E+08	1.32E+08	C	A	UTR5	PHYHD1	NA	NA	NA	rs7049155	NA
chr9	1.32E+08	1.32E+08	A	C	exonic	FAM73B	nonsynonymous SNV	FAM73B:NM_032809:exon9:c.A923C:p.Y308S	NA	NA	B
chr9	1.32E+08	1.32E+08	G	T	UTR3	PPP2R4	NA	NA	NA	rs746489	NA
chr9	1.32E+08	1.32E+08	G	C	UTR3	PPP2R4	NA	NA	NA	rs913273	NA
chr9	1.32E+08	1.32E+08	T	G	UTR3	PPP2R4	NA	NA	NA	NA	NA
chr9	1.32E+08	1.32E+08	T	G	UTR3	PPP2R4	NA	NA	NA	NA	NA
chr9	1.32E+08	1.32E+08	C	G	UTR3	PPP2R4	NA	NA	NA	rs17459361	NA
chr9	1.33E+08	1.33E+08	AC	-	UTR3	PTGES	NA	NA	NA	NA	NA
chr9	1.33E+08	1.33E+08	T	G	UTR3	TOR1B	NA	NA	NA	rs1220509	NA
chr9	1.33E+08	1.33E+08	T	G	UTR3	TOR1B	NA	NA	NA	NA	NA
chr9	1.33E+08	1.33E+08	C	T	UTR3	C9orf78	NA	NA	NA	NA	NA
chr9	1.33E+08	1.33E+08	G	A	ncRNA_exonic	LOC100272217	NA	NA	NA	rs4740351	NA
chr9	1.35E+08	1.35E+08	G	T	UTR3	SETX	NA	NA	NA	rs11787894	NA
chr9	1.36E+08	1.36E+08	C	T	exonic	RALGDS	synonymous SNV	RALGDS:NM_001271775:exon3:c.G372A:p.V124V,RALGDS	NA	rs3761824	NA
chr9	1.36E+08	1.36E+08	A	G	UTR3	ABO	NA	NA	NA	NA	NA

chr9	1.36E+08	1.36E+08	T	G	UTR3	ABO	NA	NA	NA	rs7469752	NA
chr9	1.36E+08	1.36E+08	TGTGTG	-	UTR3	CACFD1	NA	NA	NA	NA	NA
chr9	1.36E+08	1.36E+08	C	T	exonic	ADAMTSL2	synonymous SNV	01145320:exon17:c.C2436T;p.R812R,ADAMTSL2:NM_014694:exon17:	NA	rs147931149	NA
chr9	1.37E+08	1.37E+08	T	C	UTR3	VAV2	NA	NA	NA	NA	NA
chr9	1.37E+08	1.37E+08	C	-	ncRNA_exonic	LINC00094	NA	NA	NA	NA	NA
chr9	1.37E+08	1.37E+08	T	G	UTR3	RXRA	NA	NA	NA	NA	NA
chr9	1.37E+08	1.37E+08	C	G	UTR3	RXRA	NA	NA	NA	NA	NA
chr9	1.38E+08	1.38E+08	T	C	exonic	FCN2	synonymous SNV	VM_015837:exon2:c.T108C;p.R36R,FCN2:NM_004108:exon3:c.T222C;|	NA	rs4520243	NA
chr9	1.38E+08	1.38E+08	-	C	UTR3	OBP2A	NA	NA	NA	rs112851559	NA
chr9	1.39E+08	1.39E+08	ACACAC	-	UTR3	QSOX2	NA	NA	NA	NA	NA
chr9	1.39E+08	1.39E+08	T	G	exonic	SNAPC4	nonsynonymous SNV	SNAPC4:NM_003086:exon17:c.A2245C;p.T749P	NA	NA	P
chr9	1.4E+08	1.4E+08	C	G	exonic	KIAA1984	nonsynonymous SNV	KIAA1984:NM_001039374:exon10:c.C1073G;p.A358G	NA	NA	P
chr9	1.4E+08	1.4E+08	A	G	ncRNA_exonic	LOC100289341	NA	NA	NA	NA	NA
chr9	1.4E+08	1.4E+08	C	G	ncRNA_exonic	LOC100289341	NA	NA	NA	NA	NA
chr9	1.4E+08	1.4E+08	-	CCG	UTR5	TUBB4B	NA	NA	NA	NA	NA
chr9	1.4E+08	1.4E+08	-	G	UTR3	NRARP	NA	NA	NA	rs34679617	NA
chr9	1.41E+08	1.41E+08	A	-	splicing	exon1:c.284+1A>-,NM_00124	NA	NA	NA	NA	NA
chr9	1.41E+08	1.41E+08	TGTG	-	UTR3	CACNA1B	NA	NA	NA	rs72450095	NA
chr9	1.41E+08	1.41E+08	A	C	ncRNA_exonic	TUBBP5	NA	NA	D=COSM487273;OCCURENCE=1(kidney	rs62581043	NA
chr9	1.41E+08	1.41E+08	A	G	ncRNA_exonic	TUBBP5	NA	NA	NA	rs184986292	NA
chr10	858482	858482	A	-	UTR3	LARP4B	NA	NA	NA	NA	NA
chr10	1102868	1102868	T	C	UTR5	WDR37	NA	NA	NA	rs10047382	NA
chr10	1205784	1205784	G	A	ncRNA_exonic	LINC00200	NA	NA	NA	rs12762051	NA
chr10	1205788	1205788	C	A	ncRNA_exonic	LINC00200	NA	NA	NA	NA	NA
chr10	1205792	1205792	G	A	ncRNA_exonic	LINC00200	NA	NA	NA	rs12762059	NA
chr10	1205801	1205801	C	A	ncRNA_exonic	LINC00200	NA	NA	NA	rs12763661	NA
chr10	1228330	1228330	G	T	UTR3	ADARB2	NA	NA	NA	rs1129226	NA
chr10	3172121	3172121	C	T	exonic	PFKP	synonymous SNV	02627:exon17:c.C1794T;p.A598A,PFKP:NM_001242339:exon19:c.C179	NA	rs1052333	NA
chr10	3172145	3172145	C	T	exonic	PFKP	synonymous SNV	02627:exon17:c.C1818T;p.F606F,PFKP:NM_001242339:exon19:c.C179	NA	rs1052337	NA
chr10	3178965	3178968	AATT	-	UTR3	PFKP	NA	NA	NA	rs151101324	NA
chr10	3178986	3178986	T	C	UTR3	PFKP	NA	NA	NA	rs3816712	NA
chr10	3178987	3178987	G	A	UTR3	PFKP	NA	NA	NA	rs2388564	NA
chr10	5014488	5014488	C	T	exonic	AKR1C1	synonymous SNV	AKR1C1:NM_001353:exon6:c.C666T;p.H222H	NA	rs13222	NA
chr10	5903837	5903837	A	G	UTR3	ANKRD16	NA	NA	NA	rs67091121	NA
chr10	7285632	7285632	A	G	exonic	SFMBT2	synonymous SNV	01018039:exon9:c.T1008C;p.D336D,SFMBT2:NM_001029880:exon9:c.T	NA	rs2248474	NA
chr10	7769054	7769054	T	C	exonic	ITIH2	nonsynonymous SNV	ITIH2:NM_002216:exon10:c.T1126C;p.Y376H	NA	NA	D
chr10	7780655	7780655	G	A	exonic	ITIH2	nonsynonymous SNV	ITIH2:NM_002216:exon16:c.G2029A;p.V677M	NA	rs188916946	B
chr10	16547058	16547058	A	G	exonic	PTER	synonymous SNV	001261836:exon4:c.A738G;p.Q246Q,PTER:NM_001001484:exon5:c.A7	NA	rs7904014	NA
chr10	17088006	17088006	T	C	exonic	CUBN	synonymous SNV	CUBN:NM_001081:exon24:c.A3417G;p.L1139L	NA	rs1801228	NA
chr10	17130199	17130199	G	A	exonic	CUBN	synonymous SNV	CUBN:NM_001081:exon15:c.C1911T;p.L637L	NA	rs41289311	NA
chr10	17270264	17270264	C	T	UTR5	VIM	NA	NA	NA	NA	NA
chr10	17839374	17839374	C	A	UTR3	TMEM236	NA	NA	NA	NA	NA
chr10	18242311	18242311	A	G	exonic	SLC39A12	nonsynonymous SNV	1_001145195:exon2:c.A106G;p.S36G,SLC39A12:NM_152725:exon2:c.A	NA	rs10764176	B
chr10	18266989	18266989	G	A	exonic	SLC39A12	nonsynonymous SNV	_001145195:exon5:c.G910A;p.V304I,SLC39A12:NM_152725:exon5:c.C	NA	rs2478568	NA
chr10	21803143	21803149	AAAAAAA	-	UTR3	SKIDA1	NA	NA	NA	NA	NA
chr10	21803848	21803848	-	A	UTR3	SKIDA1	NA	NA	NA	NA	NA
chr10	21807780	21807780	T	-	UTR5	SKIDA1	NA	NA	NA	rs112940679	NA
chr10	27224492	27224492	G	C	ncRNA_exonic	LINC00202-1	NA	NA	NA	rs11015390	NA
chr10	30599511	30599511	A	-	UTR3	MTPAP	NA	NA	NA	rs11310410	NA
chr10	32580205	32580205	C	T	exonic	EPC1	nonsynonymous SNV	61A:p.M287I,EPC1:NM_001272019:exon6:c.G648A;p.M216I,EPC1:NM	NA	rs72789797	P
chr10	33165422	33165422	G	A	UTR3	C10orf68	NA	NA	NA	rs12217414	NA
chr10	33214802	33214802	A	G	exonic	ITGB1	synonymous SNV	83C:p.C261C,ITGB1:NM_002211:exon6:c.T783C;p.C261C,ITGB1:NM_1	NA	rs2298141	NA
chr10	35772402	35772402	G	A	exonic	CCNY	synonymous SNV	NM_145012:exon2:c.G225A;p.T75T,CCNY:NM_181698:exon4:c.G63A;|	NA	rs3802509	NA
chr10	35896957	35896957	G	A	exonic	GJD4	synonymous SNV	GJD4:NM_153368:exon2:c.G516A;p.K172K	NA	rs595652	NA
chr10	42832213	42832213	T	C	ncRNA_exonic	LOC441666	NA	NA	NA	NA	NA
chr10	42832258	42832258	C	T	ncRNA_exonic	LOC441666	NA	NA	NA	rs73253652	NA
chr10	43010627	43010627	C	T	ncRNA_exonic	ZNF37BP	NA	NA	NA	rs210233	NA
chr10	43014380	43014380	A	-	ncRNA_exonic	ZNF37BP	NA	NA	NA	NA	NA
chr10	43327873	43327873	A	-	UTR3	BMS1	NA	NA	NA	rs112489895	NA
chr10	44284919	44284919	A	C	ncRNA_exonic	HNRNPA3P1	NA	NA	NA	NA	NA
chr10	44284934	44284934	A	C	ncRNA_exonic	HNRNPA3P1	NA	NA	NA	NA	NA
chr10	45649320	45649320	A	G	ncRNA_exonic	RSU1P2	NA	NA	NA	rs7478624	NA
chr10	46254783	46254783	A	G	exonic	FAM21C	synonymous SNV	G:p.K499K,FAM21C:NM_001169106:exon17:c.A1569G;p.K523K,FAM2:	NA	rs186891138	NA
chr10	46958953	46958953	A	-	UTR3	SYT15	NA	NA	NA	rs111970300	NA
chr10	47754794	47754794	C	T	exonic	ANXA8L2	nonsynonymous SNV	ANXA8L2:NM_001630:exon5:c.C401T;p.A134V	NA	rs200976247	D
chr10	47915898	47915898	A	G	exonic	FAM21B	synonymous SNV	FAM21B:NM_018232:exon15:c.A1305G;p.K435K	rs=COSM146931;OCCURENCE=1(stomac	rs183064568	NA

chr10	47919971	47919971	G	C	exonic	FAM21B	nonsynonymous SNV	FAM21B:NM_018232:exon16:c.G1401C:p.K467N	NA	rs16914400	NA
chr10	47929847	47929847	C	G	exonic	FAM21B	nonsynonymous SNV	FAM21B:NM_018232:exon19:c.C1828G:p.R610G	NA	rs2610489	NA
chr10	50029121	50029121	C	T	exonic	WDFY4	synonymous SNV	WDFY4:NM_020945:exon34:c.C5724T:p.H1908H	NA	rs79406124	NA
chr10	50117863	50117863	A	G	UTR3	LRRC18	NA	NA	NA	rs3954099	NA
chr10	50822192	50822192	G	C	UTR5	CHAT	NA	NA	NA	rs7903315	NA
chr10	50830171	50830171	C	T	exonic	CHAT	nonsynonymous SNV	73T:p.L125F,CHAT:NM_020986:exon5:c.C373T:p.L125F,CHAT:NM_001	NA	rs8178990	P
chr10	51486325	51486325	T	C	UTR5	AGAP7	NA	NA	NA	rs113081690	NA
chr10	60145225	60145225	T	G	UTR5	TFAM	NA	NA	NA	NA	NA
chr10	63955374	63955381	GAAGGAAC	-	UTR3	RTKN2	NA	NA	NA	NA	NA
chr10	65225899	65225899	-	GGCGGC	ncRNA_exonic	JMJD1C-AS1	NA	NA	NA	rs3841602	NA
chr10	70103564	70103564	-	T	UTR3	RUFY2	NA	NA	NA	rs139789920	NA
chr10	70103597	70103597	C	A	UTR3	RUFY2	NA	NA	NA	rs1162754	NA
chr10	70166913	70166913	T	G	UTR5	RUFY2	NA	NA	NA	rs59831114	NA
chr10	70743494	70743494	T	A	UTR3	DDX21	NA	NA	NA	NA	NA
chr10	70743515	70743515	C	A	UTR3	DDX21	NA	NA	NA	NA	NA
chr10	72187716	72187717	TT	-	UTR3	EIF4EBP2	NA	NA	NA	NA	NA
chr10	72307101	72307101	C	T	exonic	PALD1	nonsynonymous SNV	PALD1:NM_014431:exon18:c.C2161T:p.R721C	NA	rs3740447	D
chr10	72357600	72357600	A	-	UTR3	PRF1	NA	NA	NA	rs34914326	NA
chr10	72536921	72536921	A	G	exonic	TBATA	synonymous SNV	TBATA:NM_152710:exon7:c.T678C:p.D226D	NA	rs151019808	NA
chr10	73050759	73050759	T	G	exonic	UNC5B	nonsynonymous SNV	01244889:exon8:c.T1154G:p.V385G,UNC5B:NM_170744:exon9:c.T11	NA	rs117156661	P
chr10	73059788	73059788	-	TG	UTR3	UNC5B	NA	NA	NA	NA	NA
chr10	73848106	73848106	G	-	UTR5	SPOCK2	NA	NA	NA	rs10713496	NA
chr10	73992853	73992853	A	G	exonic	ANAPC16	synonymous SNV	001242547:exon4:c.A312G:p.G104G,ANAPC16:NM_173473:exon4:c.A	NA	NA	NA
chr10	73992863	73992863	T	C	exonic	ANAPC16	nonsynonymous SNV	_001242547:exon4:c.T322C:p.S108P,ANAPC16:NM_173473:exon4:c.T	NA	NA	P
chr10	75879769	75879769	-	AA	UTR3	VCL	NA	NA	NA	NA	NA
chr10	77158032	77158032	G	T	UTR3	ZNF503	NA	NA	NA	NA	NA
chr10	77160058	77160058	G	A	exonic	ZNF503	synonymous SNV	ZNF503:NM_032772:exon2:c.C390T:p.P130P	NA	rs72807457	NA
chr10	79551102	79551102	A	-	UTR3	DLG5	NA	NA	NA	NA	NA
chr10	81114813	81114813	C	G	UTR3	PPIF	NA	NA	NA	rs8837	NA
chr10	81273879	81273879	A	G	UTR3	EIF5A1	NA	NA	NA	rs1250786	NA
chr10	81374261	81374261	C	G	UTR3	SFTPA1	NA	NA	NA	rs4253530	NA
chr10	81374262	81374262	T	C	UTR3	SFTPA1	NA	NA	NA	rs4253531	NA
chr10	82049251	82049251	-	TTCTTC	UTR5	MAT1A	NA	NA	NA	rs145126070	NA
chr10	82126808	82126808	C	G	UTR3	DYDC2	NA	NA	NA	rs1047952	NA
chr10	82192125	82192125	A	G	UTR3	FAM213A	NA	NA	NA	rs1063161	NA
chr10	82281978	82281978	T	C	UTR3	TSPAN14	NA	NA	NA	rs1878034	NA
chr10	88441223	88441223	G	A	exonic	LDB3	nonsynonymous SNV	001171611:exon4:c.G352A:p.V118M,LDB3:NM_007078:exon4:c.G352	NA	rs35507268	NA
chr10	88494810	88494813	ACAC	-	UTR3	LDB3	NA	NA	NA	NA	NA
chr10	88810077	88810077	A	-	UTR3	GLUD1	NA	NA	NA	NA	NA
chr10	88988555	88988555	C	T	exonic	NUTM2A	synonymous SNV	NUTM2A:NM_001099338:exon2:c.C918T:p.H306H	NA	rs200884340	NA
chr10	88992622	88992622	C	T	exonic	NUTM2A	synonymous SNV	NUTM2A:NM_001099338:exon5:c.C1614T:p.P538P	NA	rs200484233	NA
chr10	88992644	88992644	G	A	exonic	NUTM2A	nonsynonymous SNV	NUTM2A:NM_001099338:exon5:c.G1636A:p.E546K	NA	rs199899922	NA
chr10	88994452	88994452	G	A	exonic	NUTM2A	nonsynonymous SNV	NUTM2A:NM_001099338:exon7:c.G2624A:p.R875H	NA	rs199530790	NA
chr10	89124840	89124840	C	T	ncRNA_exonic	NUTM2D	NA	NA	NA	rs200082791	NA
chr10	89124862	89124862	G	A	ncRNA_exonic	NUTM2D	NA	NA	NA	rs200907148	B
chr10	89127510	89127523	GGACTGGC	-	ncRNA_exonic	NUTM2D	NA	NA	NA	NA	NA
chr10	89128071	89128071	C	T	ncRNA_exonic	NUTM2D	NA	NA	NA	rs71237016	NA
chr10	89506941	89506941	A	-	UTR3	PAPSS2	NA	NA	NA	NA	NA
chr10	89619792	89619792	G	A	UTR3	KLLN	NA	NA	NA	rs113730541	NA
chr10	90585819	90585819	G	A	exonic	ANKRD22	synonymous SNV	ANKRD22:NM_144590:exon4:c.C375T:p.G125G	NA	rs7893917	NA
chr10	92660898	92660898	T	-	UTR3	RPP30	NA	NA	NA	rs59418716	NA
chr10	92661579	92661579	T	-	UTR3	RPP30	NA	NA	NA	rs58754872	NA
chr10	92672048	92672048	-	AA	UTR3	ANKRD1	NA	NA	NA	NA	NA
chr10	94111658	94111658	-	GTGTGTGT	UTR3	5-Mar	NA	NA	NA	NA	NA
chr10	99371776	99371776	C	T	UTR3	HOGA1	NA	NA	NA	rs114372258	NA
chr10	1.01E+08	1.01E+08	G	A	UTR5	COX15	NA	NA	NA	rs2231675	NA
chr10	1.02E+08	1.02E+08	C	T	exonic	PKD2L1	nonsynonymous SNV	_001253837:exon6:c.G1036A:p.V346I,PKD2L1:NM_016112:exon6:c.G1	NA	rs2278842	P
chr10	1.02E+08	1.02E+08	T	-	UTR3	SCD	NA	NA	NA	rs201898361	NA
chr10	1.02E+08	1.02E+08	T	-	UTR3	HIF1AN	NA	NA	NA	NA	NA
chr10	1.03E+08	1.03E+08	T	G	UTR5	C10orf2	NA	NA	NA	NA	NA
chr10	1.03E+08	1.03E+08	T	-	UTR3	SFXN3	NA	NA	NA	rs66614203	NA
chr10	1.04E+08	1.04E+08	T	-	UTR3	TMEM180	NA	NA	NA	NA	NA
chr10	1.05E+08	1.05E+08	-	ATC	UTR3	CALHM1	NA	NA	NA	NA	NA
chr10	1.12E+08	1.12E+08	AA	-	UTR3	ADD3	NA	NA	NA	rs57430745	NA
chr10	1.13E+08	1.13E+08	T	-	UTR3	SHOC2	NA	NA	NA	NA	NA
chr10	1.14E+08	1.14E+08	T	C	exonic	GPAM	nonsynonymous SNV	v1_001244949:exon4:c.A127G:p.I43V,GPAM:NM_020918:exon4:c.A12	NA	rs2792751	B

chr10	1.14E+08	1.14E+08	A	G	ncRNA_exonic	GUCY2GP	NA	NA	NA	rs1887136	NA
chr10	1.15E+08	1.15E+08	A	C	intergenic	A(dist=36524),TCF7L2(dist=94	NA	NA	NA	NA	NA
chr10	1.15E+08	1.15E+08	C	-	UTR5	TCF7L2	NA	NA	NA	rs113102683	NA
chr10	1.16E+08	1.16E+08	-	A	UTR3	PLEKHS1	NA	NA	NA	rs142169841	NA
chr10	1.16E+08	1.16E+08	A	C	UTR3	PLEKHS1	NA	NA	NA	NA	NA
chr10	1.16E+08	1.16E+08	CC	-	UTR3	PLEKHS1	NA	NA	NA	NA	NA
chr10	1.16E+08	1.16E+08	TCCCCAAC	-	UTR3	PLEKHS1	NA	NA	NA	NA	NA
chr10	1.16E+08	1.16E+08	TTTTT	-	UTR3	ADRB1	NA	NA	NA	rs61645383	NA
chr10	1.16E+08	1.16E+08	A	-	UTR3	TDRD1	NA	NA	NA	rs11316882	NA
chr10	1.16E+08	1.16E+08	G	A	UTR3	AFAP1L2	NA	NA	NA	NA	NA
chr10	1.16E+08	1.16E+08	C	G	UTR5	ABLIM1	NA	NA	NA	rs141394498	NA
chr10	1.17E+08	1.17E+08	T	C	exonic	FAM160B1	synonymous SNV	101135051:exon14:c.T1893C:p.F631F,FAM160B1:NM_020940:exon14:	NA	rs3180654	NA
chr10	1.18E+08	1.18E+08	-	TT	UTR3	GFRA1	NA	NA	NA	NA	NA
chr10	1.18E+08	1.18E+08	A	-	UTR3	GFRA1	NA	NA	NA	rs144589291	NA
chr10	1.18E+08	1.18E+08	-	G	exonic	PNLIPRP2	unknown	UNKNOWN	NA	NA	NA
chr10	1.18E+08	1.18E+08	A	G	UTR3	HSPA12A	NA	NA	NA	rs7084566	NA
chr10	1.19E+08	1.19E+08	-	GT	UTR3	VAX1	NA	NA	NA	rs139596848	NA
chr10	1.19E+08	1.19E+08	C	A	exonic	VAX1	nonsynonymous SNV	119131:exon1:c.G3T:p.M11,VAX1:NM_199131:exon1:c.G3T:p	NA	NA	D
chr10	1.19E+08	1.19E+08	G	A	UTR5	VAX1	NA	NA	NA	NA	NA
chr10	1.19E+08	1.19E+08	C	A	UTR5	VAX1	NA	NA	NA	NA	NA
chr10	1.19E+08	1.19E+08	C	A	UTR5	VAX1	NA	NA	NA	NA	NA
chr10	1.19E+08	1.19E+08	GC	-	UTR5	VAX1	NA	NA	NA	rs71677026	NA
chr10	1.19E+08	1.19E+08	CG	-	UTR5	VAX1	NA	NA	NA	rs148359585	NA
chr10	1.19E+08	1.19E+08	T	C	ncRNA_exonic	EMX2OS	NA	NA	NA	rs2768325	NA
chr10	1.19E+08	1.19E+08	-	GTGT	ncRNA_exonic	EMX2OS	NA	NA	NA	rs111365239	NA
chr10	1.19E+08	1.19E+08	C	G	ncRNA_exonic	EMX2OS	NA	NA	NA	rs2768330	NA
chr10	1.2E+08	1.2E+08	-	A	UTR3	RAB11FIP2	NA	NA	NA	NA	NA
chr10	1.2E+08	1.2E+08	G	-	UTR5	RAB11FIP2	NA	NA	NA	rs67350544	NA
chr10	1.21E+08	1.21E+08	A	-	UTR3	GRK5	NA	NA	NA	NA	NA
chr10	1.24E+08	1.24E+08	G	T	exonic	TACC2	synonymous SNV	206860:exon8:c.G2121T:p.A707A,TACC2:NM_206861:exon11:c.G2325	NA	NA	NA
chr10	1.27E+08	1.27E+08	-	T	UTR3	ZRANB1	NA	NA	NA	rs200438486	NA
chr10	1.27E+08	1.27E+08	G	A	UTR3	CTBP2	NA	NA	NA	rs74874473	NA
chr10	1.27E+08	1.27E+08	G	A	UTR3	CTBP2	NA	NA	NA	rs1058493	NA
chr10	1.27E+08	1.27E+08	A	G	UTR3	CTBP2	NA	NA	NA	rs3208591	NA
chr10	1.27E+08	1.27E+08	T	G	UTR3	CTBP2	NA	NA	NA	rs3208590	NA
chr10	1.27E+08	1.27E+08	T	A	UTR3	CTBP2	NA	NA	NA	NA	NA
chr10	1.27E+08	1.27E+08	G	C	exonic	CTBP2	nonsynonymous SNV	1001083914:exon7:c.C747G:p.N249K,CTBP2:NM_001083914:exon7:c.C747G:p.N249K;OCCURENCE=1(breast	rs61870306	D	
chr10	1.27E+08	1.27E+08	T	C	exonic	CTBP2	nonsynonymous SNV	1001083914:exon7:c.A731G:p.N244S,CTBP2:NM_001083914:exon7:c.A731G:p.N244S;OCCURENCE=1(breast	rs61870307	B	
chr10	1.27E+08	1.27E+08	A	C	exonic	CTBP2	nonsynonymous SNV	1001083914:exon7:c.T695G:p.L232W,CTBP2:NM_001083914:exon7:c.T695G:p.L232W;OCCURENCE=1(breast	rs79936509	D	
chr10	1.27E+08	1.27E+08	C	T	exonic	CTBP2	nonsynonymous SNV	1001083914:exon7:c.G667A:p.V223M,CTBP2:NM_001083914:exon7:c.G667A:p.V223M;OCCURENCE=1(breast	rs76203768	P	
chr10	1.27E+08	1.27E+08	C	T	exonic	CTBP2	nonsynonymous SNV	1001083914:exon7:c.G656A:p.R219Q,CTBP2:NM_001083914:exon7:c.G656A:p.R219Q;OCCURENCE=1(breast	rs75420260	D	
chr10	1.27E+08	1.27E+08	C	A	exonic	CTBP2	nonsynonymous SNV	1001083914:exon7:c.G628T:p.D210Y,CTBP2:NM_001083914:exon7:c.G628T:p.D210Y;OCCURENCE=1(breast	rs78681531	D	
chr10	1.27E+08	1.27E+08	G	C	exonic	CTBP2	nonsynonymous SNV	1022802:exon1:c.C1615G:p.Q539E,CTBP2:NM_022802:exon1:c.C1615G:p.Q539E	rs2946994	P	
chr10	1.27E+08	1.27E+08	A	G	exonic	CTBP2	nonsynonymous SNV	1022802:exon1:c.T1363C:p.Y455H,CTBP2:NM_022802:exon1:c.T1363C:p.Y455H	rs3012075	D	
chr10	1.29E+08	1.29E+08	C	A	UTR3	FAM196A	NA	NA	NA	rs74687417	NA
chr10	1.3E+08	1.3E+08	T	C	UTR3	FOXI2	NA	NA	NA	rs4440944	NA
chr10	1.3E+08	1.3E+08	A	T	UTR3	FOXI2	NA	NA	NA	NA	NA
chr10	1.3E+08	1.3E+08	GG	-	UTR3	FOXI2	NA	NA	NA	NA	NA
chr10	1.3E+08	1.3E+08	A	G	exonic	PTPRE	synonymous SNV	130435:exon14:c.A1380G:p.K460K,PTPRE:NM_006504:exon17:c.A155)=COSM147089;OCCURENCE=1(stomac	rs2275803	NA	
chr10	1.3E+08	1.3E+08	C	T	UTR3	PTPRE	NA	NA	NA	NA	NA
chr10	1.34E+08	1.34E+08	-	TA	UTR3	STK32C	NA	NA	NA	rs77786797	NA
chr10	1.34E+08	1.34E+08	C	T	UTR5	LRRC27	NA	NA	NA	rs7084379	NA
chr10	1.34E+08	1.34E+08	C	T	UTR3	LRRC27	NA	NA	NA	rs72863837	NA
chr10	1.34E+08	1.34E+08	A	G	UTR3	LRRC27	NA	NA	NA	rs72863838	NA
chr10	1.35E+08	1.35E+08	T	A	exonic	KNDC1	nonsynonymous SNV	152643:exon14:c.T2417A:p.V806D,KNDC1:NM_152643:exon14:c.T2417A:p.V806D	rs3008390	B	
chr10	1.35E+08	1.35E+08	T	C	exonic	KNDC1	synonymous SNV	152643:exon14:c.T2418C:p.V806V,KNDC1:NM_152643:exon14:c.T2418C:p.V806V	rs3008389	NA	
chr10	1.35E+08	1.35E+08	T	G	UTR3	KNDC1	NA	NA	NA	NA	NA
chr10	1.35E+08	1.35E+08	A	C	UTR3	KNDC1	NA	NA	NA	NA	NA
chr10	1.35E+08	1.35E+08	C	T	ncRNA_exonic	MIR202	NA	NA	NA	rs12355840	NA
chr10	1.35E+08	1.35E+08	T	C	exonic	SYCE1	nonsynonymous SNV	1143764:exon13:c.A962G:p.H321R,SYCE1:NM_1143764:exon13:c.A962G:p.H321R	rs3737031	NA	
chr10	1.35E+08	1.35E+08	T	G	exonic	FRG2B	nonsynonymous SNV	1080998:exon4:c.A805C:p.T269P,FRG2B:NM_001080998:exon4:c.A805C:p.T269P	rs199913567	NA	
chr10	1.35E+08	1.35E+08	G	C	exonic	FRG2B	nonsynonymous SNV	1080998:exon3:c.C326G:p.T109R,FRG2B:NM_001080998:exon3:c.C326G:p.T109R	rs200530375	NA	
chr10	1.35E+08	1.35E+08	C	T	exonic	FRG2B	synonymous SNV	1080998:exon2:c.G183A:p.S61S,FRG2B:NM_001080998:exon2:c.G183A:p.S61S	rs202189720	NA	
chr10	1.35E+08	1.35E+08	A	T	exonic	FRG2B	nonsynonymous SNV	1080998:exon1:c.T44A:p.I15N,FRG2B:NM_001080998:exon1:c.T44A:p.I15N	rs200661929	NA	
chr11	128506	128506	T	C	ncRNA_exonic	LOC100133161	NA	NA	NA	NA	NA
chr11	237087	237087	A	G	exonic	PSMD13	nonsynonymous SNV	175932:exon1:c.A38G:p.N13S,PSMD13:NM_175932:exon1:c.A38	rs1045288	B	

chr11	284257	284257	G	A	exonic	NLRP6	synonymous SNV	01276700:exon6:c.G2226A:p.A742A,NLRP6:NM_138329:exon6:c.G22	NA	rs11246050	NA
chr11	406043	406043	G	A	exonic	SIGIRR	synonymous SNV	6T:p.V362V,SIGIRR:NM_001135054:exon10:c.C1086T:p.V362V,SIGIRR:	NA	rs7947	NA
chr11	574754	574754	C	T	ncRNA_exonic	LOC143666	NA	NA	NA	rs12285890	NA
chr11	574800	574800	C	A	ncRNA_exonic	LOC143666	NA	NA	NA	NA	NA
chr11	574813	574813	C	A	ncRNA_exonic	LOC143666	NA	NA	NA	rs12285942	NA
chr11	611919	611919	C	G	UTR3	PHRF1	NA	NA	NA	rs702966	NA
chr11	621227	621227	T	G	exonic	CDHR5	nonsynonymous SNV	642C:p.E214D,CDHR5:NM_021924:exon7:c.A642C:p.E214D,CDHR5:NM	NA	NA	P
chr11	795097	795097	T	G	UTR5	SLC25A22	NA	NA	NA	NA	NA
chr11	838760	838760	T	A	UTR3	CD151	NA	NA	NA	rs1130719	NA
chr11	1016067	1016067	G	C	exonic	MUC6	nonsynonymous SNV	MUC6:NM_005961:exon31:c.C6734G:p.T2245S	NA	NA	NA
chr11	1016074	1016074	A	T	exonic	MUC6	nonsynonymous SNV	MUC6:NM_005961:exon31:c.T6727A:p.S2243T	NA	NA	NA
chr11	1016704	1016704	C	A	exonic	MUC6	nonsynonymous SNV	MUC6:NM_005961:exon31:c.G6097T:p.A2033S	NA	rs75826443	NA
chr11	1016842	1016842	T	G	exonic	MUC6	nonsynonymous SNV	MUC6:NM_005961:exon31:c.A5959C:p.T1987P	NA	rs34490696	NA
chr11	1017154	1017154	T	G	exonic	MUC6	nonsynonymous SNV	MUC6:NM_005961:exon31:c.A5647C:p.I1883L	NA	rs112965257	NA
chr11	1017158	1017158	G	T	exonic	MUC6	synonymous SNV	MUC6:NM_005961:exon31:c.C5643A:p.T1881T	NA	rs36143620	NA
chr11	1017317	1017317	G	T	exonic	MUC6	synonymous SNV	MUC6:NM_005961:exon31:c.C5484A:p.T1828T	NA	rs33943903	NA
chr11	1017337	1017337	T	C	exonic	MUC6	nonsynonymous SNV	MUC6:NM_005961:exon31:c.A5464G:p.T1822A	NA	rs76686156	NA
chr11	1017338	1017338	C	A	exonic	MUC6	nonsynonymous SNV	MUC6:NM_005961:exon31:c.G5463T:p.Q1821H	NA	rs78943453	NA
chr11	1018168	1018170	TCG	-	exonic	MUC6	nonframeshift deletion	MUC6:NM_005961:exon31:c.4631_4633del:p.1544_1545del	NA	rs111749447	NA
chr11	1018304	1018304	G	C	exonic	MUC6	synonymous SNV	MUC6:NM_005961:exon31:c.C4497G:p.A1499A	NA	rs113835477	NA
chr11	1081757	1081757	G	C	exonic	MUC2	nonsynonymous SNV	MUC2:NM_002457:exon13:c.G1685C:p.S562T	NA	rs57737240	NA
chr11	1093487	1093487	T	C	exonic	MUC2	nonsynonymous SNV	MUC2:NM_002457:exon30:c.T5306C:p.L1769P	NA	NA	NA
chr11	1264058	1264058	T	C	exonic	MUC5B	nonsynonymous SNV	MUC5B:NM_002458:exon31:c.T5948C:p.I1983T	NA	NA	NA
chr11	1264069	1264069	T	C	exonic	MUC5B	nonsynonymous SNV	MUC5B:NM_002458:exon31:c.T5959C:p.S1987P	NA	NA	NA
chr11	1264631	1264631	A	G	exonic	MUC5B	nonsynonymous SNV	MUC5B:NM_002458:exon31:c.A6521G:p.N2174S	=COSM1127860;OCCURENCE=1(prostat	rs56726556	NA
chr11	1264717	1264717	C	T	exonic	MUC5B	nonsynonymous SNV	MUC5B:NM_002458:exon31:c.C6607T:p.P2203S	M1146630,COSM687359;OCCURENCE=	rs200947535	NA
chr11	1575443	1575443	T	C	UTR3	DUSP8	NA	NA	NA	NA	NA
chr11	1605904	1605904	T	G	exonic	KRTAP5-1	synonymous SNV	KRTAP5-1:NM_001005922:exon1:c.A576C:p.G192G	NA	rs113408385	NA
chr11	1606147	1606147	A	G	exonic	KRTAP5-1	synonymous SNV	KRTAP5-1:NM_001005922:exon1:c.T333C:p.S111S	NA	rs138363822	NA
chr11	1629373	1629373	T	G	exonic	KRTAP5-3	synonymous SNV	KRTAP5-3:NM_001012708:exon1:c.A243C:p.G81G	NA	NA	NA
chr11	1642305	1642305	T	G	UTR3	KRTAP5-4	NA	NA	NA	NA	NA
chr11	1651199	1651199	-	iCTGTGGCT	exonic	KRTAP5-5	nonframeshift insertion	5-5:NM_001001480:exon1:c.129_130insGGCTGTGGCTCC:p.G43delins	NA	NA	NA
chr11	1687684	1687684	G	C	ncRNA_exonic	FAM99A	NA	NA	NA	rs202130518	NA
chr11	2011144	2011144	T	C	ncRNA_exonic	MRPL23-AS1	NA	NA	NA	rs217716	NA
chr11	2292139	2292139	A	C	UTR5	ASCL2	NA	NA	NA	NA	NA
chr11	2435956	2435956	C	T	exonic	TRPM5	nonsynonymous SNV	TRPM5:NM_014555:exon11:c.G1733A:p.R578Q	NA	rs4929982	NA
chr11	2672192	2672195	ATCT	-	ncRNA_exonic	KCNQ1OT1	NA	NA	NA	rs143246270	NA
chr11	2672237	2672237	G	A	ncRNA_exonic	KCNQ1OT1	NA	NA	NA	rs170762	NA
chr11	2672432	2672432	-	A	ncRNA_exonic	KCNQ1OT1	NA	NA	NA	rs34514246	NA
chr11	2699252	2699252	-	T	ncRNA_exonic	KCNQ1OT1	NA	NA	NA	NA	NA
chr11	2701076	2701076	C	A	ncRNA_exonic	KCNQ1OT1	NA	NA	NA	NA	NA
chr11	2720899	2720899	G	C	ncRNA_exonic	KCNQ1OT1	NA	NA	ID=COSN217036;OCCURENCE=2(liver)	rs145762501	NA
chr11	2924850	2924850	-	C	UTR5	SLC22A18AS	NA	NA	NA	NA	NA
chr11	3663273	3663273	C	T	UTR5	ART5	NA	NA	NA	rs7112533	NA
chr11	3877114	3877118	TCTCT	-	UTR5	STIM1	NA	NA	NA	rs147711952	NA
chr11	4141132	4141132	C	A	exonic	RRM1	synonymous SNV	RRM1:NM_001033:exon9:c.C850A:p.R284R	NA	rs183484	NA
chr11	5269586	5269586	A	G	UTR3	HBG1	NA	NA	NA	rs62755960	NA
chr11	6239344	6239344	G	A	exonic	FAM160A2	nonsynonymous SNV	01098794:exon9:c.C1472T:p.T491M,FAM160A2:NM_032127:exon9:c.	NA	rs3750944	B
chr11	6411935	6411935	T	C	exonic	SMPD1	nonsynonymous SNV	1_000543:exon1:c.T107C:p.V36A,SMPD1:NM_001007593:exon1:c.T10	NA	rs1050228	NA
chr11	6411936	6411941	GCTGGC	-	exonic	SMPD1	nonframeshift deletion	:exon1:c.108_113del:p.36_38del,SMPD1:NM_001007593:exon1:c.108	NA	rs3838786	NA
chr11	6549995	6549995	A	G	exonic	DNHD1	nonsynonymous SNV	DNHD1:NM_144666:exon11:c.A2081G:p.N694S	NA	rs7480644	NA
chr11	8009107	8009107	G	T	exonic	EIF3F	nonsynonymous SNV	EIF3F:NM_003754:exon1:c.G208T:p.A70S	NA	NA	NA
chr11	8708939	8708939	A	C	UTR3	RPL27A	NA	NA	NA	rs1057198	NA
chr11	9003014	9003014	A	-	UTR3	NRIP3	NA	NA	NA	rs10714611	NA
chr11	9051475	9051475	G	C	exonic	SCUBE2	nonsynonymous SNV	01170690:exon15:c.C1994G:p.T665S,SCUBE2:NM_020974:exon18:c.C.	NA	rs3751057	D
chr11	9117694	9117694	T	-	ncRNA_exonic	KRT8P41	NA	NA	NA	NA	NA
chr11	10772951	10772951	G	T	UTR5	CTR9	NA	NA	NA	NA	NA
chr11	11985134	11985139	TTTACT	-	UTR3	DKK3	NA	NA	NA	rs142843448	NA
chr11	12316389	12316389	A	C	exonic	MICALCL	nonsynonymous SNV	MICALCL:NM_032867:exon3:c.A1411C:p.T471P	NA	rs3812754	B
chr11	13031253	13031253	C	A	exonic	RASSF10	synonymous SNV	RASSF10:NM_001080521:exon1:c.C130A:p.R44R	NA	rs61879068	NA
chr11	15268574	15268574	T	-	UTR3	INSC	NA	NA	NA	NA	NA
chr11	15990619	15990619	A	-	UTR3	SOX6	NA	NA	NA	NA	NA
chr11	16778455	16778455	-	A	UTR3	C11orf58	NA	NA	NA	NA	NA
chr11	17519742	17519742	C	G	exonic	USH1C	nonsynonymous SNV	005709:exon19:c.G1557C:p.E519D,USH1C:NM_153676:exon24:c.G24!	NA	rs1064074	P
chr11	17743207	17743207	G	C	UTR3	MYOD1	NA	NA	NA	NA	NA
chr11	18234755	18234755	G	A	ncRNA_exonic	LOC494141	NA	NA	NA	rs11024553	NA

chr11	18388442	18388442	A	-	UTR3	GTF2H1	NA	NA	NA	NA	NA
chr11	20623023	20623023	C	T	exonic	SLC6A5	synonymous SNV	SLC6A5:NM_004211:exon2:c.C352T:p.L118L	NA	rs2241941	NA
chr11	22401038	22401038	T	-	UTR3	SLC17A6	NA	NA	NA	rs35743767	NA
chr11	26581382	26581382	-	AC	UTR3	MUC15	NA	NA	NA	NA	NA
chr11	26690702	26690702	C	T	UTR3	SLC5A12	NA	NA	NA	rs76831336	NA
chr11	26690715	26690718	TTTC	-	UTR3	SLC5A12	NA	NA	NA	rs138812062	NA
chr11	26692594	26692594	-	TGTGTGTG	UTR3	SLC5A12	NA	NA	NA	NA	NA
chr11	26705307	26705307	C	A	exonic	SLC5A12	nonsynonymous SNV	SLC5A12:NM_178498:exon11:c.G1305T:p.W435C	NA	NA	D
chr11	27360070	27360070	T	C	UTR3	CCDC34	NA	NA	NA	rs79626653	NA
chr11	28354102	28354102	T	A	UTR3	METTL15	NA	NA	NA	rs142327989	NA
chr11	31453369	31453369	T	A	UTR3	DNAJC24	NA	NA	NA	rs12362759	NA
chr11	32875597	32875597	T	C	UTR3	PRRG4	NA	NA	NA	rs7933966	NA
chr11	33094949	33094949	-	CTTTGACTT	UTR3	TCP11L1	NA	NA	NA	NA	NA
chr11	33730147	33730147	A	-	UTR3	CD59	NA	NA	NA	NA	NA
chr11	34502345	34502345	T	C	exonic	ELF5	synonymous SNV	VI_001243081:exon5:c.A441G:p.T147T,ELF5:NM_001422:exon6:c.A64!	NA	rs2231828	NA
chr11	34642668	34642668	A	G	UTR5	EHF	NA	NA	NA	rs286925	NA
chr11	34642728	34642728	A	T	UTR5	EHF	NA	NA	NA	rs286924	NA
chr11	35201842	35201842	C	T	exonic	CD44	synonymous SNV	iT:p.H85H,CD44:NM_001001391:exon3:c.C255T:p.H85H,CD44:NM_00	NA	rs1071695	NA
chr11	35280491	35280492	AA	-	UTR3	SLC1A2	NA	NA	NA	NA	NA
chr11	43940644	43940644	G	T	exonic	ALKBH3	synonymous SNV	ALKBH3:NM_139178:exon9:c.G726T:p.G242G	NA	rs1048928	NA
chr11	46342943	46342943	A	-	UTR3	CREB3L1	NA	NA	NA	NA	NA
chr11	46699495	46699495	A	-	UTR3	ARHGAP1	NA	NA	NA	rs34845803	NA
chr11	48192308	48192308	C	T	UTR3	PTPRJ	NA	NA	NA	rs199522084	NA
chr11	48192308	48192308	-	T	UTR3	PTPRJ	NA	NA	NA	rs11389144	NA
chr11	48373748	48373748	C	G	exonic	OR4C45	unknown	UNKNOWN	ID=COSN229011;OCCURENCE=1(skin)	rs73453188	NA
chr11	48373827	48373827	G	A	exonic	OR4C45	unknown	UNKNOWN	NA	rs80081241	NA
chr11	48373833	48373833	G	A	exonic	OR4C45	unknown	UNKNOWN	NA	rs75965588	NA
chr11	48373834	48373834	A	G	exonic	OR4C45	unknown	UNKNOWN	NA	rs75261463	NA
chr11	57313469	57313469	C	G	exonic	SMTNL1	nonsynonymous SNV	SMTNL1:NM_001105565:exon4:c.C1033G:p.R345G	NA	rs12223229	NA
chr11	57479502	57479502	C	G	exonic	MED19	synonymous SNV	MED19:NM_153450:exon1:c.G150C:p.T50T	NA	NA	NA
chr11	59341901	59341901	T	-	UTR3	OSBP	NA	NA	NA	NA	NA
chr11	59383241	59383241	C	A	UTR5	OSBP	NA	NA	NA	NA	NA
chr11	59863498	59863498	T	-	UTR3	MS4A2	NA	NA	NA	rs5792168	NA
chr11	60971694	60971694	A	G	exonic	PGA3	nonsynonymous SNV	PGA3:NM_001079807:exon2:c.A172G:p.K58E	NA	rs117494851	B
chr11	61405617	61405617	G	A	ncRNA_exonic	RPLP0P2	NA	NA	NA	NA	NA
chr11	61560399	61560399	A	C	UTR5	FEN1	NA	NA	NA	NA	NA
chr11	61569354	61569354	-	T	UTR3	FADS1	NA	NA	NA	rs34397549	NA
chr11	62294717	62294717	A	T	exonic	AHNAK	nonsynonymous SNV	AHNAK:NM_001620:exon5:c.T7172A:p.L2391H	NA	NA	P
chr11	62360961	62360961	T	C	UTR3	MTA2	NA	NA	NA	NA	NA
chr11	62378801	62378801	T	C	exonic	EML3	synonymous SNV	EML3:NM_153265:exon3:c.A210G:p.P70P	NA	rs11553576	NA
chr11	62434173	62434173	G	A	exonic	METTL12	nonsynonymous SNV	METTL12:NM_001043229:exon3:c.G373A:p.G125S	NA	rs11231181	B
chr11	62453952	62453952	G	A	UTR3	LRRN4CL	NA	NA	NA	rs2512561	NA
chr11	62766507	62766507	T	A	exonic	SLC22A8	nonsynonymous SNV	_001184732:exon5:c.A647T:p.Y216F,SLC22A8:NM_001184733:exon5:c	NA	NA	B
chr11	62766508	62766508	A	T	exonic	SLC22A8	nonsynonymous SNV	_001184732:exon5:c.T646A:p.Y216N,SLC22A8:NM_001184733:exon5:c	NA	NA	D
chr11	62766510	62766510	C	G	exonic	SLC22A8	nonsynonymous SNV	001184732:exon5:c.G644C:p.G215A,SLC22A8:NM_001184733:exon5:c	NA	NA	D
chr11	62766511	62766511	C	G	exonic	SLC22A8	nonsynonymous SNV	001184732:exon5:c.G643C:p.G215R,SLC22A8:NM_001184733:exon5:c	NA	NA	D
chr11	62766512	62766512	G	A	exonic	SLC22A8	synonymous SNV	_001184732:exon5:c.C642T:p.L214L,SLC22A8:NM_001184733:exon5:c	NA	NA	NA
chr11	64107735	64107735	G	A	UTR5	CCDC88B	NA	NA	NA	rs663743	NA
chr11	64137079	64137079	C	A	exonic	RPS6KA4	nonsynonymous SNV	01006944:exon13:c.C1572A:p.D524E,RPS6KA4:NM_003942:exon13:c.(	NA	NA	D
chr11	64138805	64138805	T	C	exonic	RPS6KA4	synonymous SNV	01006944:exon17:c.T2154C:p.N718N,RPS6KA4:NM_003942:exon17:c.1	NA	rs11542299	NA
chr11	64577370	64577370	G	A	exonic	MEN1	nonsynonymous SNV	C212T:p.P71L,MEN1:NM_130801:exon2:c.C212T:p.P71L,MEN1:NM_13	NA	NA	D
chr11	64794918	64794918	-	G	ncRNA_exonic	ARL2-SNX15	NA	NA	NA	rs3832791	NA
chr11	64807447	64807447	A	C	ncRNA_exonic	ARL2-SNX15	NA	NA	NA	rs664118	NA
chr11	64988520	64988520	T	G	intronic	SLC22A20	NA	NA	NA	NA	NA
chr11	64990041	64990041	G	C	exonic	SLC22A20	nonsynonymous SNV	SLC22A20:NM_001004326:exon4:c.G737C:p.G246A	NA	rs514076	NA
chr11	65403717	65403717	T	G	exonic	PCNXL3	synonymous SNV	PCNXL3:NM_032223:exon33:c.T5532G:p.G1844G	NA	NA	NA
chr11	65764798	65764798	A	-	UTR3	EIF1AD	NA	NA	NA	NA	NA
chr11	66035287	66035287	A	-	UTR3	KLC2	NA	NA	NA	rs5792385	NA
chr11	66393035	66393035	A	G	exonic	RBM14	nonsynonymous SNV	RBM14:NM_006328:exon2:c.A1688G:p.Q563R	NA	NA	NA
chr11	66452843	66452843	T	G	UTR3	SPTBN2	NA	NA	NA	NA	NA
chr11	66452849	66452849	T	G	UTR3	SPTBN2	NA	NA	NA	NA	NA
chr11	67415054	67415054	C	T	UTR5	ACY3	NA	NA	NA	rs2514036	NA
chr11	67572698	67572698	G	T	ncRNA_exonic	FAM86C2P	NA	NA	NA	rs7129283	NA
chr11	67924559	67924559	A	-	UTR3	SUV420H1	NA	NA	NA	NA	NA
chr11	67924560	67924560	T	G	UTR3	SUV420H1	NA	NA	NA	NA	NA
chr11	68381367	68381367	T	-	UTR3	PPP6R3	NA	NA	NA	NA	NA

chr11	68816370	68816370	A	G	UTR5	TPCN2	NA	NA	NA	rs4930642	NA
chr11	68856711	68856716	AATAAC	-	UTR3	TPCN2	NA	NA	NA	rs150950408	NA
chr11	70281360	70281363	TTTT	-	UTR3	CTTN	NA	NA	NA	NA	NA
chr11	70315627	70315627	-	T	UTR3	SHANK2	NA	NA	NA	NA	NA
chr11	71146249	71146260	CAAGGAAC	-	UTR3	DHCR7	NA	NA	NA	rs141483210	NA
chr11	71708250	71708253	GTGT	-	UTR3	RNF121	NA	NA	NA	NA	NA
chr11	72290629	72290629	G	A	exonic	PDE2A	synonymous SNV	.001243784:exon26:c.C2142T;p.I714I,PDE2A:NM_002599:exon26:c.C2	NA	rs392565	NA
chr11	72385393	72385393	A	C	UTR5	PDE2A	NA	NA	NA	NA	NA
chr11	72385400	72385400	T	C	UTR5	PDE2A	NA	NA	NA	NA	NA
chr11	73670645	73670645	T	C	exonic	DNAJB13	synonymous SNV	DNAJB13:NM_153614:exon3:c.T279C;p.H93H	NA	rs653263	NA
chr11	74042308	74042308	C	T	UTR3	PGM2L1	NA	NA	NA	NA	NA
chr11	74042308	74042308	-	TTT	UTR3	PGM2L1	NA	NA	NA	NA	NA
chr11	74045953	74045953	T	-	UTR3	PGM2L1	NA	NA	NA	rs34926765	NA
chr11	74551831	74551831	A	C	UTR3	RNF169	NA	NA	NA	rs200744330	NA
chr11	76372180	76372180	T	G	exonic	LRRC32	nonsynonymous SNV	.001128922:exon3:c.A457C;p.T153P,LRRC32:NM_005512:exon3:c.A4	NA	NA	B
chr11	76372193	76372193	T	G	exonic	LRRC32	synonymous SNV	.001128922:exon3:c.A444C;p.A148A,LRRC32:NM_005512:exon3:c.A4	NA	NA	NA
chr11	76751585	76751585	T	-	splicing	exon3:c.988+1T>-,NM_1387	NA	NA	NA	rs11292199	NA
chr11	76751604	76751604	T	-	splicing	exon4:c.1006+1T>-,NM_1387	NA	NA	NA	rs11292200	NA
chr11	76836661	76836662	TA	-	UTR3	CAPN5	NA	NA	NA	rs10543158	NA
chr11	76954788	76954788	-	A	exonic	GDPD4	frameshift insertion	GDPD4:NM_182833:exon12:c.1192_1193insT;p.I398fs	NA	NA	NA
chr11	89059054	89059055	TA	-	UTR3	NOX4	NA	NA	NA	NA	NA
chr11	89392653	89392653	A	G	UTR5	FOLH1B	NA	NA	NA	rs10765230	NA
chr11	89531619	89531619	A	G	exonic	TRIM49	synonymous SNV	TRIM49:NM_020358:exon8:c.T1038C;p.H346H	NA	rs11824402	NA
chr11	94150790	94150790	T	C	UTR3	MRE11A	NA	NA	NA	rs2155209	NA
chr11	94803971	94803971	C	T	UTR3	SRSF8	NA	NA	NA	rs61895522	NA
chr11	94863499	94863499	G	T	UTR3	ENDOD1	NA	NA	NA	rs500849	NA
chr11	96126289	96126289	T	-	UTR3	JRKL	NA	NA	NA	rs201157332	NA
chr11	99690286	99690286	T	G	exonic	CNTN5	nonsynonymous SNV	.T67G;p.S23A,CNTN5:NM_001243271:exon4:c.T67G;p.S23A,CNTN5:NI	NA	rs10790978	NA
chr11	1.02E+08	1.02E+08	G	A	UTR3	KIAA1377	NA	NA	NA	NA	NA
chr11	1.03E+08	1.03E+08	C	A	UTR5	MMP27	NA	NA	NA	rs11225389	NA
chr11	1.03E+08	1.03E+08	A	G	UTR3	DCUN1D5	NA	NA	NA	NA	NA
chr11	1.03E+08	1.03E+08	T	G	UTR3	DCUN1D5	NA	NA	NA	NA	NA
chr11	1.03E+08	1.03E+08	C	A	UTR3	DCUN1D5	NA	NA	NA	NA	NA
chr11	1.05E+08	1.05E+08	T	-	exonic	CASP5	frameshift deletion	.001136112:exon2:c.67delA;p.R23fs,CASP5:NM_004347:exon2:c.28d	NA	NA	NA
chr11	1.05E+08	1.05E+08	TTT	-	UTR5	GRIA4	NA	NA	NA	NA	NA
chr11	1.06E+08	1.06E+08	-	A	UTR3	GRIA4	NA	NA	NA	NA	NA
chr11	1.06E+08	1.06E+08	-	CACACA	UTR3	GRIA4	NA	NA	NA	NA	NA
chr11	1.08E+08	1.08E+08	A	G	UTR3	SLC35F2	NA	NA	NA	rs4754259	NA
chr11	1.08E+08	1.08E+08	TT	-	UTR3	CUL5	NA	NA	NA	NA	NA
chr11	1.08E+08	1.08E+08	G	A	UTR5	ATM	NA	NA	NA	rs189037	NA
chr11	1.08E+08	1.08E+08	T	C	exonic	EXPH5	nonsynonymous SNV	EXPH5:NM_015065:exon1:c.A55G;p.R19G	)=COSM147323;OCCURENCE=1(stomac	rs2640738	D
chr11	1.1E+08	1.1E+08	A	C	UTR3	FDX1	NA	NA	NA	rs4753894	NA
chr11	1.11E+08	1.11E+08	-	AGGA	UTR3	POU2AF1	NA	NA	NA	NA	NA
chr11	1.11E+08	1.11E+08	-	AAGAAG	UTR3	POU2AF1	NA	NA	NA	NA	NA
chr11	1.12E+08	1.12E+08	G	-	splicing	on3:c.61-1C>-,NM_00107769(	NA	NA	NA	rs10708475	NA
chr11	1.13E+08	1.13E+08	-	G	UTR5	NCAM1	NA	NA	NA	rs145493999	NA
chr11	1.14E+08	1.14E+08	G	A	UTR3	USP28	NA	NA	NA	NA	NA
chr11	1.17E+08	1.17E+08	C	G	exonic	BACE1	synonymous SNV	L:NM_012104:exon5:c.G786C;p.V262V,BACE1:NM_138971:exon5:c.G6	NA	rs638405	NA
chr11	1.17E+08	1.17E+08	A	C	exonic	CEP164	nonsynonymous SNV	01271933:exon13:c.A1711C;p.T571P,CEP164:NM_014956:exon14:c.A:	NA	rs74388237	B
chr11	1.17E+08	1.17E+08	G	T	exonic	DSCAML1	nonsynonymous SNV	DSCAML1:NM_020693:exon4:c.C694A;p.H232N	)=COSM147330;OCCURENCE=1(stomac	rs3741280	NA
chr11	1.18E+08	1.18E+08	CACA	-	UTR3	FXD6	NA	NA	NA	NA	NA
chr11	1.18E+08	1.18E+08	G	A	UTR3	IL10RA	NA	NA	NA	rs9610	NA
chr11	1.19E+08	1.19E+08	G	A	UTR3	DDX6	NA	NA	NA	rs78116693	NA
chr11	1.19E+08	1.19E+08	G	C	UTR3	DDX6	NA	NA	NA	rs487728	NA
chr11	1.19E+08	1.19E+08	-	T	UTR3	DDX6	NA	NA	NA	rs139078958	NA
chr11	1.19E+08	1.19E+08	C	T	exonic	BCL9L	synonymous SNV	BCL9L:NM_182557:exon6:c.G1014A;p.S338S	NA	rs35346926	NA
chr11	1.19E+08	1.19E+08	T	G	UTR3	HYOU1	NA	NA	NA	NA	NA
chr11	1.23E+08	1.23E+08	C	A	exonic	UBASH3B	nonsynonymous SNV	UBASH3B:NM_032873:exon4:c.C411A;p.D137E	NA	NA	D
chr11	1.23E+08	1.23E+08	C	T	exonic	CLMP	nonsynonymous SNV	CLMP:NM_024769:exon3:c.G206A;p.R69H	NA	rs2276348	B
chr11	1.24E+08	1.24E+08	C	T	exonic	VWA5A	synonymous SNV	14622:exon17:c.C2205T;p.H735H,VWA5A:NM_001130142:exon18:c.C:	NA	rs1056615	NA
chr11	1.25E+08	1.25E+08	-	T	UTR3	MSANTD2	NA	NA	NA	rs137996267	NA
chr11	1.25E+08	1.25E+08	T	G	exonic	ROBO3	synonymous SNV	ROBO3:NM_022370:exon15:c.T2343G;p.G781G	NA	NA	NA
chr11	1.25E+08	1.25E+08	G	A	exonic	ROBO4	synonymous SNV	ROBO4:NM_019055:exon2:c.C103T;p.L35L	NA	rs73016370	NA
chr11	1.25E+08	1.25E+08	G	A	UTR3	SLC37A2	NA	NA	NA	NA	NA
chr11	1.25E+08	1.25E+08	-	C	exonic	EI24	frameshift insertion	EI24:NM_001007277:exon9:c.732_733insC;p.R244fs	NA	rs150851358	NA
chr11	1.25E+08	1.25E+08	AAAA	-	UTR3	EI24	NA	NA	NA	NA	NA

chr11	1.25E+08	1.25E+08	C	T	exonic	STT3A	synonymous SNV	STT3A:NM_152713:exon16:c.C1911T:p.C637C	NA	rs17140116	NA
chr11	1.25E+08	1.25E+08	C	T	UTR5	CHEK1	NA	NA	NA	rs61451117	NA
chr11	1.25E+08	1.25E+08	C	T	UTR5	CHEK1	NA	NA	NA	rs558351	NA
chr11	1.26E+08	1.26E+08	C	T	UTR5	HYLS1	NA	NA	NA	rs583355	NA
chr11	1.26E+08	1.26E+08	T	G	UTR3	CDON	NA	NA	NA	rs61917812	NA
chr11	1.26E+08	1.26E+08	C	T	exonic	DCPS	synonymous SNV	DCPS:NM_014026:exon1:c.C63T:p.H21H	NA	rs3740915	NA
chr11	1.29E+08	1.29E+08	C	G	UTR5	KCNJ5	NA	NA	NA	NA	NA
chr11	1.29E+08	1.29E+08	C	G	UTR5	KCNJ5	NA	NA	NA	rs10893931	NA
chr11	1.3E+08	1.3E+08	C	T	exonic	PRDM10	nonsynonymous SNV	NM_020228:exon2:c.G64A:p.A22T,PRDM10:NM_199437:exon2:c.G64A:p.COSM147383;OCCURENCE=1(stomach)	NA	rs11221912	B
chr11	1.3E+08	1.3E+08	T	G	ncRNA_exonic	LINC00167	NA	NA	NA	NA	NA
chr11	1.3E+08	1.3E+08	-	T	UTR3	ZBTB44	NA	NA	NA	NA	NA
chr11	1.32E+08	1.32E+08	T	-	UTR3	NTM	NA	NA	NA	rs61142048	NA
chr11	1.34E+08	1.34E+08	C	G	exonic	IGSF9B	synonymous SNV	IGSF9B:NM_001277285:exon2:c.G237C:p.P79P	NA	rs10894768	NA
chr11	1.34E+08	1.34E+08	G	A	UTR3	JAM3	NA	NA	NA	rs597320	NA
chr12	147969	147969	T	-	ncRNA_exonic	FAM138D	NA	NA	NA	rs112827715	NA
chr12	427575	427575	A	G	exonic	KDM5A	nonsynonymous SNV	KDM5A:NM_001042603:exon19:c.T2594C:p.M865T	NA	rs11062385	B
chr12	498268	498270	GGG	-	UTR5	KDM5A	NA	NA	NA	NA	NA
chr12	1022452	1022452	C	T	UTR3	RAD52	NA	NA	NA	rs1051669	NA
chr12	1613273	1613273	T	-	ncRNA_exonic	LOC100292680	NA	NA	NA	rs34677864	NA
chr12	1613488	1613488	G	-	ncRNA_exonic	LOC100292680	NA	NA	NA	rs58197174	NA
chr12	3049488	3049488	A	-	UTR3	TULP3	NA	NA	NA	NA	NA
chr12	3393127	3393127	T	G	UTR3	TSPAN9	NA	NA	NA	NA	NA
chr12	3393144	3393144	T	G	UTR3	TSPAN9	NA	NA	NA	NA	NA
chr12	3394436	3394436	T	G	UTR3	TSPAN9	NA	NA	NA	NA	NA
chr12	4410639	4410639	T	-	UTR3	CCND2	NA	NA	NA	NA	NA
chr12	4414167	4414167	T	-	UTR3	CCND2	NA	NA	NA	rs61152953	NA
chr12	4463020	4463020	C	G	UTR3	C12orf5	NA	NA	NA	rs7297048	NA
chr12	4463032	4463032	G	T	UTR3	C12orf5	NA	NA	NA	rs7296130	NA
chr12	4627414	4627414	C	T	exonic	C12orf4	synonymous SNV	C12orf4:NM_020374:exon8:c.G843A:p.Q281Q	NA	rs35924298	NA
chr12	4919197	4919197	T	C	UTR5	KCNA6	NA	NA	NA	NA	NA
chr12	4919248	4919248	A	G	exonic	KCNA6	nonsynonymous SNV	KCNA6:NM_002235:exon1:c.A41G:p.E14G	NA	NA	P
chr12	4919251	4919251	T	G	exonic	KCNA6	nonsynonymous SNV	KCNA6:NM_002235:exon1:c.T44G:p.V15G	NA	NA	P
chr12	4919269	4919269	A	G	exonic	KCNA6	nonsynonymous SNV	KCNA6:NM_002235:exon1:c.A62G:p.E21G	NA	NA	B
chr12	6560338	6560338	A	C	ncRNA_exonic	CD27-AS1	NA	NA	NA	NA	NA
chr12	6560343	6560343	T	C	ncRNA_exonic	CD27-AS1	NA	NA	NA	NA	NA
chr12	6715593	6715593	A	G	UTR5	CHD4	NA	NA	NA	rs1734116	NA
chr12	6862174	6862174	C	G	upstream	MLF2	NA	NA	NA	rs13402	NA
chr12	6980076	6980076	A	-	UTR3	TPI1	NA	NA	NA	NA	NA
chr12	7023123	7023123	A	G	exonic	LRRC23	nonsynonymous SNV	LRRC23:NM_006992:exon7:c.A827G:p.E276G	NA	rs710415	NA
chr12	7247166	7247166	-	A	UTR3	C1RL	NA	NA	NA	NA	NA
chr12	7311419	7311420	TG	-	UTR3	CLSTN3	NA	NA	NA	rs55888711	NA
chr12	7649484	7649484	T	C	exonic	CD163	nonsynonymous SNV	1_004244:exon5:c.A1024G:p.I342V,CD163:NM_203416:exon5:c.A1024	NA	rs4883263	NA
chr12	7945559	7945559	T	C	exonic	NANOG	synonymous SNV	NANOG:NM_024865:exon2:c.T165C:p.P55P	NA	rs4294629	NA
chr12	7945640	7945640	G	T	exonic	NANOG	nonsynonymous SNV	NANOG:NM_024865:exon2:c.G246T:p.K82N	NA	rs2889551	B
chr12	7945670	7945670	G	A	exonic	NANOG	synonymous SNV	NANOG:NM_024865:exon2:c.G276A:p.P92P	NA	rs4354764	NA
chr12	7945757	7945757	C	T	exonic	NANOG	synonymous SNV	NANOG:NM_024865:exon2:c.C363T:p.S121S	NA	rs4438116	NA
chr12	7948108	7948108	G	A	UTR3	NANOG	NA	NA	NA	rs61937162	NA
chr12	7948160	7948160	A	G	UTR3	NANOG	NA	NA	NA	rs28538179	NA
chr12	7948476	7948476	C	T	UTR3	NANOG	NA	NA	NA	rs35472045	NA
chr12	7948517	7948517	C	T	UTR3	NANOG	NA	NA	NA	rs34237790	NA
chr12	7948549	7948549	G	A	UTR3	NANOG	NA	NA	NA	rs34367740	NA
chr12	7948584	7948584	C	A	UTR3	NANOG	NA	NA	NA	rs35212015	NA
chr12	8186173	8186173	G	T	UTR5	FOXJ2	NA	NA	NA	NA	NA
chr12	8353200	8353200	G	T	ncRNA_exonic	FAM66C	NA	NA	NA	rs71189369	NA
chr12	8353252	8353252	G	A	ncRNA_exonic	FAM66C	NA	NA	NA	rs200087976	NA
chr12	8353486	8353486	C	G	ncRNA_exonic	FAM66C	NA	NA	NA	rs200786680	NA
chr12	8799388	8799388	G	T	UTR3	MFAP5	NA	NA	NA	NA	NA
chr12	8927169	8927169	T	-	UTR3	RIMKLB	NA	NA	NA	rs56912350	NA
chr12	9098995	9098995	-	AAC	exonic	M6PR	nonframeshift insertion	'024:exon2:c.6_7insGTT:p.F2delinsLF,M6PR:NM_002355:exon2:c.6_7ins	NA	rs149871778	NA
chr12	9162783	9162783	A	-	UTR3	KLRG1	NA	NA	NA	NA	NA
chr12	9436262	9436262	T	G	ncRNA_exonic	LOC642846	NA	NA	NA	NA	NA
chr12	9466225	9466225	C	T	ncRNA_exonic	LOC642846	NA	NA	NA	rs2911815	NA
chr12	9585079	9585079	G	A	ncRNA_exonic	DDX12P	NA	NA	NA	NA	NA
chr12	9851808	9851808	G	T	UTR3	CLEC2D	NA	NA	NA	rs10772046	NA
chr12	10022448	10022448	-	CACACACA	UTR5	CLEC2B	NA	NA	NA	rs10644863	NA
chr12	10365574	10365574	C	G	UTR5	GABARAPL1	NA	NA	NA	rs2302486	NA

chr12	10468648	10468648	T	C	UTR3	KLRD1	NA	NA	NA	rs7966660	NA
chr12	10560957	10560957	T	C	exonic	KLRC4	nonsynonymous SNV	KLRC4:NM_013431:exon3:c.A311G:p.N104S	NA	rs2617170	NA
chr12	10746385	10746385	G	A	ncRNA_exonic	KLRAP1	NA	NA	NA	rs2244387	NA
chr12	11183752	11183752	T	C	exonic	TAS2R31	synonymous SNV	TAS2R31:NM_176885:exon1:c.A183G:p.V61V	NA	rs72475489	NA
chr12	11183920	11183920	T	C	exonic	TAS2R31	nonsynonymous SNV	TAS2R31:NM_176885:exon1:c.A15G:p.I5M	NA	rs201034225	NA
chr12	11183922	11183922	T	G	exonic	TAS2R31	nonsynonymous SNV	TAS2R31:NM_176885:exon1:c.A13C:p.I5L	NA	NA	NA
chr12	11183930	11183930	G	A	exonic	TAS2R31	nonsynonymous SNV	TAS2R31:NM_176885:exon1:c.C5T:p.T2I	NA	NA	NA
chr12	11183952	11183952	A	G	ncRNA_UTR5	TAS2R31	NA	NA	NA	NA	NA
chr12	11183958	11183958	G	T	ncRNA_UTR5	TAS2R31	NA	NA	NA	NA	NA
chr12	11183961	11183961	T	A	ncRNA_UTR5	TAS2R31	NA	NA	NA	NA	NA
chr12	11183962	11183962	T	A	ncRNA_UTR5	TAS2R31	NA	NA	NA	NA	NA
chr12	11183977	11183977	G	A	ncRNA_UTR5	TAS2R31	NA	NA	NA	rs73254862	NA
chr12	11420471	11420471	C	G	exonic	PRB3	nonsynonymous SNV	PRB3:NM_006249:exon3:c.G712C:p.G238R	NA	NA	NA
chr12	11420647	11420647	T	C	exonic	PRB3	nonsynonymous SNV	PRB3:NM_006249:exon3:c.A536G:p.H179R	NA	rs78040729	NA
chr12	11420715	11420715	C	G	exonic	PRB3	synonymous SNV	PRB3:NM_006249:exon3:c.G468C:p.P156P	NA	NA	NA
chr12	11461533	11461533	G	T	exonic	PRB4	synonymous SNV	PRB4:NM_002723:exon3:c.C384A:p.G128G	NA	NA	NA
chr12	11461742	11461742	C	T	exonic	PRB4	nonsynonymous SNV	1_001261399:exon3:c.G175A:p.G59R,PRB4:NM_002723:exon3:c.G175	NA	NA	NA
chr12	11461802	11461802	G	A	exonic	PRB4	stopgain SNV	1_001261399:exon3:c.C115T:p.R39X,PRB4:NM_002723:exon3:c.C115	NA	rs12829245	NA
chr12	12045145	12045147	TTT	-	ncRNA_UTR3	ETV6	NA	NA	NA	NA	NA
chr12	12046785	12046785	C	T	ncRNA_UTR3	ETV6	NA	NA	NA	rs59866364	NA
chr12	12046813	12046813	A	G	ncRNA_UTR3	ETV6	NA	NA	NA	rs2710275	NA
chr12	12943043	12943045	TTC	-	UTR3	APOLD1	NA	NA	NA	rs146851735	NA
chr12	13029070	13029071	AA	-	ncRNA_exonic	RPL13AP20	NA	NA	NA	NA	NA
chr12	13153388	13153388	G	T	ncRNA_exonic	HTR7P1	NA	NA	NA	rs77117939	NA
chr12	18435399	18435401	CCC	-	exonic	PIK3C2G	nonframeshift deletion	PIK3C2G:NM_004570:exon2:c.384_386del:p.128_129del	NA	rs55845540	NA
chr12	18499636	18499636	C	T	exonic	PIK3C2G	synonymous SNV	PIK3C2G:NM_004570:exon11:c.C1491T:p.Y497Y	)=COSM147454;OCCURENCE=1(stomacl	rs17847788	NA
chr12	18656225	18656225	G	A	exonic	PIK3C2G	synonymous SNV	PIK3C2G:NM_004570:exon22:c.G2904A:p.Q968Q	NA	rs11044142	NA
chr12	20968645	20968662	CACTTGGT,	-	UTR5	SLCO1B3	NA	NA	NA	NA	NA
chr12	20968666	20968669	TTTA	-	UTR5	SLCO1B3	NA	NA	NA	rs4149158	NA
chr12	21329738	21329738	A	G	exonic	SLCO1B1	nonsynonymous SNV	SLCO1B1:NM_006446:exon5:c.A388G:p.N130D	NA	rs2306283	B
chr12	21487769	21487769	-	T	UTR5	SLCO1A2	NA	NA	NA	rs3834939	NA
chr12	22351457	22351458	AC	-	UTR3	ST8SIA1	NA	NA	NA	rs71718015	NA
chr12	22839786	22839794	TTTTTTTTT	-	UTR3	ETNK1	NA	NA	NA	NA	NA
chr12	24967736	24967736	G	-	UTR3	BCAT1	NA	NA	NA	rs139849074	NA
chr12	26386265	26386266	AT	-	UTR3	SSPN	NA	NA	NA	rs10547333	NA
chr12	27846972	27846972	G	A	UTR3	PPFIBP1	NA	NA	NA	rs151006610	NA
chr12	27953288	27953288	T	G	UTR3	KLHL42	NA	NA	NA	rs150881191	NA
chr12	29493586	29493586	T	-	UTR3	ERGIC2	NA	NA	NA	NA	NA
chr12	31821428	31821428	-	T	UTR3	METTL20	NA	NA	NA	NA	NA
chr12	31821464	31821464	C	A	UTR3	METTL20	NA	NA	NA	rs137891657	NA
chr12	32797823	32797823	A	-	UTR3	FGD4	NA	NA	NA	NA	NA
chr12	34175263	34175263	G	C	UTR5	ALG10	NA	NA	NA	NA	NA
chr12	39687536	39687536	A	-	UTR3	KIF21A	NA	NA	NA	rs201147142	NA
chr12	45307633	45307633	T	C	UTR5	NELL2	NA	NA	NA	rs374144	NA
chr12	48176656	48176657	CA	-	UTR3	HDAC7	NA	NA	NA	rs57423868	NA
chr12	48398080	48398080	T	A	exonic	COL2A1	nonsynonymous SNV	.1:NM_001844:exon1:c.A25T:p.T9S,COL2A1:NM_033150:exon1:c.A25T	NA	rs3803183	NA
chr12	48542411	48542411	C	T	UTR3	ASB8	NA	NA	NA	NA	NA
chr12	48542415	48542415	A	G	UTR3	ASB8	NA	NA	NA	rs12310813	NA
chr12	49251014	49251014	T	C	UTR3	RND1	NA	NA	NA	NA	NA
chr12	49251047	49251047	C	A	UTR3	RND1	NA	NA	NA	NA	NA
chr12	49298059	49298059	G	A	UTR5	CCDC65	NA	NA	NA	rs3809147	NA
chr12	49445517	49445517	A	T	exonic	MLL2	nonsynonymous SNV	MLL2:NM_003482:exon10:c.T1949A:p.V650E	NA	NA	NA
chr12	49483423	49483423	C	T	UTR3	DHH	NA	NA	NA	rs145466782	NA
chr12	49726255	49726255	-	G	UTR3	C1QL4	NA	NA	NA	rs112341833	NA
chr12	50262401	50262401	A	C	UTR3	FAIM2	NA	NA	NA	NA	NA
chr12	50589666	50589666	G	A	exonic	LIMA1	nonsynonymous SNV	_001113547:exon5:c.C497T:p.S166F,LIMA1:NM_001113546:exon8:c.C!	NA	NA	P
chr12	50746568	50746568	C	G	exonic	FAM186A	nonsynonymous SNV	FAM186A:NM_001145475:exon4:c.G4047C:p.M1349I	NA	NA	NA
chr12	50747134	50747134	T	G	exonic	FAM186A	nonsynonymous SNV	FAM186A:NM_001145475:exon4:c.A3481C:p.T1161P	NA	NA	NA
chr12	50747160	50747160	T	G	exonic	FAM186A	nonsynonymous SNV	FAM186A:NM_001145475:exon4:c.A3455C:p.D1152A	NA	NA	NA
chr12	51203371	51203371	C	T	exonic	ATF1	synonymous SNV	ATF1:NM_005171:exon4:c.C327T:p.Y109Y	NA	rs1129406	NA
chr12	51324874	51324875	TT	-	UTR3	METTL7A	NA	NA	NA	rs56130607	NA
chr12	51723499	51723499	T	C	exonic	CELA1	nonsynonymous SNV	CELA1:NM_001971:exon7:c.A728G:p.Q243R	NA	rs17860364	B
chr12	51740413	51740413	-	C	exonic	CELA1	frameshift insertion	CELA1:NM_001971:exon1:c.10_11insG:p.L4fs	NA	NA	NA
chr12	52212288	52212288	T	C	UTR3	FIGNL2	NA	NA	NA	rs303821	NA
chr12	52285209	52285209	-	TA	UTR3	ANKRD33	NA	NA	NA	rs35582441	NA
chr12	52409005	52409005	T	G	UTR3	GRASP	NA	NA	NA	NA	NA

chr12	52844243	52844243	A	G	exonic	KRT6B	synonymous SNV	KRT6B:NM_005555:exon2:c.T702C:p.R234R	NA	rs28414881	NA
chr12	52844246	52844246	A	G	exonic	KRT6B	synonymous SNV	KRT6B:NM_005555:exon2:c.T699C:p.G233G	ID=COSM118699;OCCURENCE=1(ovary)	rs28542657	NA
chr12	52908789	52908789	A	C	exonic	KRT5	synonymous SNV	KRT5:NM_000424:exon9:c.T1710G:p.G570G	NA	rs201553490	NA
chr12	52986187	52986187	T	C	exonic	KRT72	nonsynonymous SNV	91G:p.Y264C,KRT72:NM_001146226:exon4:c.A791G:p.Y264C,KRT72:N	NA	rs12833456	B
chr12	52994955	52994955	G	A	exonic	KRT72	synonymous SNV	2282T:p.P94P,KRT72:NM_001146226:exon1:c.C282T:p.P94P,KRT72:NM	NA	rs61747192	NA
chr12	53045626	53045626	T	C	exonic	KRT2	nonsynonymous SNV	KRT2:NM_000423:exon1:c.A301G:p.S101G	NA	rs2634041	NA
chr12	53070145	53070145	G	A	exonic	KRT1	synonymous SNV	KRT1:NM_006121:exon7:c.C1389T:p.R463R	NA	rs936958	NA
chr12	53085032	53085032	T	C	exonic	KRT77	nonsynonymous SNV	KRT77:NM_175078:exon9:c.A1654G:p.S552G	NA	NA	NA
chr12	53085044	53085044	T	C	exonic	KRT77	nonsynonymous SNV	KRT77:NM_175078:exon9:c.A1642G:p.S548G	NA	NA	NA
chr12	53729491	53729491	T	G	UTR5	SP7	NA	NA	NA	NA	NA
chr12	53810124	53810124	G	T	UTR3	SP1	NA	NA	NA	NA	NA
chr12	53810134	53810136	TTT	-	UTR3	SP1	NA	NA	NA	rs147945503	NA
chr12	53877766	53877766	C	T	exonic	MAP3K12	synonymous SNV	001193511:exon8:c.G1287A:p.K429K,MAP3K12:NM_006301:exon9:c.C	NA	NA	NA
chr12	54427103	54427103	A	C	exonic	HOXC5	nonsynonymous SNV	HOXC5:NM_018953:exon1:c.A197C:p.N66T	NA	NA	B
chr12	54427115	54427115	A	C	exonic	HOXC5	nonsynonymous SNV	HOXC5:NM_018953:exon1:c.A209C:p.H70P	ID=COSM548948;OCCURENCE=1(lung)	NA	B
chr12	54475448	54475448	G	C	ncRNA_exonic	LOC100240735	NA	NA	NA	rs4016762	NA
chr12	54475535	54475535	C	A	ncRNA_exonic	LOC100240735	NA	NA	NA	rs80341901	NA
chr12	54515276	54515276	A	G	ncRNA_exonic	FLJ12825	NA	NA	NA	rs200300428	NA
chr12	54515279	54515279	T	C	ncRNA_exonic	FLJ12825	NA	NA	NA	rs151283170	NA
chr12	54515281	54515281	A	G	ncRNA_exonic	FLJ12825	NA	NA	NA	rs145203398	NA
chr12	54515302	54515302	T	C	ncRNA_exonic	FLJ12825	NA	NA	NA	rs139731963	NA
chr12	54515663	54515663	C	G	ncRNA_exonic	FLJ12825	NA	NA	NA	rs77340285	NA
chr12	54802551	54802551	T	A	exonic	ITGA5	nonsynonymous SNV	ITGA5:NM_002205:exon6:c.A680T:p.Y227F	NA	NA	P
chr12	54905815	54905815	C	G	exonic	NCKAP1L	synonymous SNV	001184976:exon9:c.C717G:p.L239L,NCKAP1L:NM_005337:exon9:c.C	NA	rs2458409	NA
chr12	54973122	54973123	AT	-	UTR3	PPP1R1A	NA	NA	NA	rs67431222	NA
chr12	56295237	56295237	A	-	UTR3	WIBG	NA	NA	NA	NA	NA
chr12	56991346	56991346	G	A	UTR3	BAZ2A	NA	NA	NA	rs202206071	NA
chr12	56991346	56991346	-	CACACACA	UTR3	BAZ2A	NA	NA	NA	rs138865943	NA
chr12	57030026	57030026	T	C	UTR5	BAZ2A	NA	NA	NA	rs2255074	NA
chr12	57111185	57111185	A	G	intronic	NACA	NA	NA	NA	NA	NA
chr12	57607124	57607126	AAA	-	UTR3	LRP1	NA	NA	NA	rs147945774	NA
chr12	57978383	57978386	CACG	-	UTR3	KIF5A	NA	NA	NA	rs150797197	NA
chr12	57985204	57985204	C	T	exonic	PIP4K2C	synonymous SNV	001146259:exon1:c.C132T:p.A44A,PIP4K2C:NM_001146260:exon1:c	NA	rs11537654	NA
chr12	58119120	58119120	-	AA	UTR3	AGAP2	NA	NA	NA	NA	NA
chr12	58166403	58166403	T	G	UTR5	METTL21B	NA	NA	NA	rs2291617	NA
chr12	63041688	63041688	-	A	UTR3	PPM1H	NA	NA	NA	NA	NA
chr12	64472873	64472873	G	A	exonic	SRGAP1	nonsynonymous SNV	SRGAP1:NM_020762:exon9:c.G1300A:p.E434K	NA	NA	D
chr12	64537561	64537561	A	-	UTR3	SRGAP1	NA	NA	NA	NA	NA
chr12	64538324	64538324	G	T	UTR3	SRGAP1	NA	NA	NA	rs789736	NA
chr12	64538615	64538615	A	C	UTR3	SRGAP1	NA	NA	NA	rs2643664	NA
chr12	64539337	64539337	T	-	UTR3	SRGAP1	NA	NA	NA	NA	NA
chr12	64746833	64746833	C	T	exonic	C12orf56	nonsynonymous SNV	001099676:exon2:c.G256A:p.D86N,C12orf56:NM_001170633:exon2:c	NA	rs73118352	NA
chr12	69159402	69159402	A	G	UTR3	SLC35E3	NA	NA	NA	rs111267703	NA
chr12	69159404	69159404	A	G	UTR3	SLC35E3	NA	NA	NA	NA	NA
chr12	69159420	69159420	G	A	UTR3	SLC35E3	NA	NA	NA	NA	NA
chr12	69236874	69236874	T	-	UTR3	MDM2	NA	NA	NA	NA	NA
chr12	69246336	69246336	-	T	UTR3	CPM	NA	NA	NA	NA	NA
chr12	69667890	69667890	T	-	UTR3	CPSF6	NA	NA	NA	NA	NA
chr12	70213140	70213141	AG	-	UTR3	RAB3IP	NA	NA	NA	rs10578304	NA
chr12	71094955	71094955	C	T	exonic	PTPRR	nonsynonymous SNV	001207016:exon4:c.G538A:p.V180I,PTPRR:NM_001207015:exon6:c.G8	NA	rs35387004	B
chr12	72079955	72079955	T	C	UTR5	TMEM19	NA	NA	NA	NA	NA
chr12	72318795	72318795	A	-	UTR3	TBC1D15	NA	NA	NA	NA	NA
chr12	76747082	76747082	T	-	UTR3	OSBPL8	NA	NA	NA	rs34398462	NA
chr12	78530979	78530979	G	A	exonic	NAV3	synonymous SNV	NAV3:NM_014903:exon19:c.G4464A:p.Q1488Q	NA	rs1852464	NA
chr12	85285920	85285920	-	A	UTR5	SLC6A15	NA	NA	NA	rs36111430	NA
chr12	88591980	88591980	T	-	UTR3	TMTC3	NA	NA	NA	NA	NA
chr12	89914880	89914886	ATTATTA	-	UTR3	GALNT4,POC1B-GALNT4	NA	NA	NA	NA	NA
chr12	89984194	89984194	T	-	UTR3	ATP2B1	NA	NA	NA	NA	NA
chr12	93196422	93196422	T	G	exonic	EEA1	nonsynonymous SNV	EEA1:NM_003566:exon19:c.A2428C:p.K810Q	NA	rs10745623	B
chr12	93963873	93963873	C	T	ncRNA_UTR5	SOCS2	NA	NA	NA	rs2200160	NA
chr12	94631496	94631496	C	T	exonic	PLXNC1	synonymous SNV	PLXNC1:NM_005761:exon10:c.C2037T:p.N679N	NA	rs2230755	NA
chr12	99139154	99139156	TTT	-	UTR3	ANKS1B	NA	NA	NA	NA	NA
chr12	1.01E+08	1.01E+08	G	T	UTR3	SLC17A8	NA	NA	NA	NA	NA
chr12	1.01E+08	1.01E+08	TTTTTTTTT	-	UTR3	SLC17A8	NA	NA	NA	rs71091442	NA
chr12	1.01E+08	1.01E+08	G	A	exonic	ANO4	nonsynonymous SNV	ANO4:NM_178826:exon6:c.G455A:p.R152K	NA	NA	B
chr12	1.01E+08	1.01E+08	A	C	exonic	ANO4	nonsynonymous SNV	ANO4:NM_178826:exon6:c.A467C:p.Y156S	NA	rs201084190	D

chr12	1.02E+08	1.02E+08	C	A	exonic	ANO4	nonsynonymous SNV	ANO4:NM_178826:exon22:c.C2177A:p.A726D	NA	NA	P
chr12	1.02E+08	1.02E+08	G	A	exonic	SLC5A8	synonymous SNV	SLC5A8:NM_145913:exon14:c.C1662T:p.Y554Y	NA	rs2671444	NA
chr12	1.02E+08	1.02E+08	C	T	UTR3	UTP20	NA	NA	NA	rs3199856	NA
chr12	1.03E+08	1.03E+08	G	A	exonic	PARPBP	synonymous SNV	PARPBP:NM_017915:exon2:c.G138A:p.A46A	NA	rs2036771	NA
chr12	1.03E+08	1.03E+08	-	TG	UTR3	IGF1	NA	NA	NA	rs34621369	NA
chr12	1.04E+08	1.04E+08	G	A	exonic	STAB2	synonymous SNV	STAB2:NM_017564:exon6:c.G558A:p.A186A	NA	rs147053330	NA
chr12	1.04E+08	1.04E+08	C	T	exonic	STAB2	synonymous SNV	STAB2:NM_017564:exon31:c.C3339T:p.N1113N	)=COSM147590;OCCURENCE=1(stomac	rs703651	NA
chr12	1.04E+08	1.04E+08	A	G	UTR3	NT5DC3	NA	NA	NA	rs10735389	NA
chr12	1.04E+08	1.04E+08	-	A	UTR3	NT5DC3	NA	NA	NA	NA	NA
chr12	1.04E+08	1.04E+08	C	T	ncRNA_exonic	GNN	NA	NA	NA	rs11612613	NA
chr12	1.05E+08	1.05E+08	-	A	UTR3	ALDH1L2	NA	NA	NA	rs36037315	NA
chr12	1.06E+08	1.06E+08	TT	-	UTR3	NUAK1	NA	NA	NA	rs60661051	NA
chr12	1.06E+08	1.06E+08	-	ATGAAG	UTR3	NUAK1	NA	NA	NA	rs11283073	NA
chr12	1.07E+08	1.07E+08	T	-	UTR3	CKAP4	NA	NA	NA	NA	NA
chr12	1.07E+08	1.07E+08	A	G	exonic	CRY1	synonymous SNV	CRY1:NM_004075:exon5:c.T636C:p.G212G	NA	rs8192440	NA
chr12	1.08E+08	1.08E+08	A	G	UTR5	BTBD11	NA	NA	NA	rs1107438	NA
chr12	1.09E+08	1.09E+08	C	G	exonic	SELPLG	nonsynonymous SNV	_001206609:exon2:c.G611C:p.G204A,SELPLG:NM_003006:exon2:c.G56	NA	NA	NA
chr12	1.1E+08	1.1E+08	G	A	exonic	ACACB	nonsynonymous SNV	ACACB:NM_001093:exon46:c.G6421A:p.V2141I	NA	rs2075260	NA
chr12	1.1E+08	1.1E+08	TT	-	UTR3	MMAB	NA	NA	NA	NA	NA
chr12	1.12E+08	1.12E+08	-	T	UTR3	SH2B3	NA	NA	NA	NA	NA
chr12	1.12E+08	1.12E+08	T	-	UTR3	ATXN2	NA	NA	NA	rs11348701	NA
chr12	1.13E+08	1.13E+08	T	C	UTR3	TRAFD1	NA	NA	NA	rs149284206	NA
chr12	1.13E+08	1.13E+08	T	G	exonic	HECTD4	nonsynonymous SNV	HECTD4:NM_001109662:exon61:c.A10030C:p.T3344P	NA	NA	NA
chr12	1.13E+08	1.13E+08	ACAC	-	UTR3	RPH3A	NA	NA	NA	rs67569142	NA
chr12	1.13E+08	1.13E+08	T	C	exonic	OAS3	synonymous SNV	OAS3:NM_006187:exon6:c.T1314C:p.I438I	NA	rs2285932	NA
chr12	1.14E+08	1.14E+08	G	A	UTR3	RBM19	NA	NA	NA	rs7312304	NA
chr12	1.14E+08	1.14E+08	G	C	exonic	RBM19	synonymous SNV	3G:p.T606T,RBM19:NM_001146699:exon15:c.C1818G:p.T606T,RBM19	NA	rs2290790	NA
chr12	1.18E+08	1.18E+08	A	G	exonic	NOS1	synonymous SNV	_001204214:exon12:c.T1194C:p.I398I,NOS1:NM_000620:exon13:c.T22	NA	rs2293054	NA
chr12	1.18E+08	1.18E+08	G	C	UTR3	KSR2	NA	NA	NA	NA	NA
chr12	1.18E+08	1.18E+08	C	G	UTR3	KSR2	NA	NA	NA	NA	NA
chr12	1.18E+08	1.18E+08	C	A	UTR3	KSR2	NA	NA	NA	rs201802824	NA
chr12	1.18E+08	1.18E+08	A	G	UTR3	KSR2	NA	NA	NA	rs11068502	NA
chr12	1.19E+08	1.19E+08	C	T	exonic	TAOK3	nonsynonymous SNV	TAOK3:NM_016281:exon4:c.G140A:p.S47N	NA	rs428073	B
chr12	1.19E+08	1.19E+08	C	T	UTR3	SUDS3	NA	NA	NA	NA	NA
chr12	1.2E+08	1.2E+08	A	-	UTR3	SRRM4	NA	NA	NA	rs11305482	NA
chr12	1.2E+08	1.2E+08	G	T	exonic	CCDC64	nonsynonymous SNV	CCDC64:NM_207311:exon2:c.G438T:p.E146D	NA	NA	D
chr12	1.21E+08	1.21E+08	A	-	UTR3	MSI1	NA	NA	NA	NA	NA
chr12	1.21E+08	1.21E+08	-	A	UTR3	GATC,SRSF9	NA	NA	NA	rs34136998	NA
chr12	1.21E+08	1.21E+08	T	G	UTR5	DYNLL1	NA	NA	NA	rs12857	NA
chr12	1.21E+08	1.21E+08	G	A	ncRNA_exonic	HNF1A-AS1	NA	NA	NA	rs2254779	NA
chr12	1.22E+08	1.22E+08	T	-	UTR3	TMEM120B	NA	NA	NA	NA	NA
chr12	1.22E+08	1.22E+08	C	A	UTR3	TMEM120B	NA	NA	NA	NA	NA
chr12	1.22E+08	1.22E+08	A	C	exonic	SETD1B	synonymous SNV	SETD1B:NM_015048:exon5:c.A1227C:p.P409P	NA	NA	NA
chr12	1.23E+08	1.23E+08	A	G	UTR3	HCAR1	NA	NA	NA	rs7313367	NA
chr12	1.23E+08	1.23E+08	C	A	exonic	ARL6IP4	nonsynonymous SNV	03A:p.Q335K,ARL6IP4:NM_016638:exon6:c.C970A:p.Q324K,ARL6IP4:1	NA	NA	D
chr12	1.24E+08	1.24E+08	T	C	UTR3	SETD8	NA	NA	NA	rs61955129	NA
chr12	1.24E+08	1.24E+08	G	A	UTR3	SETD8	NA	NA	NA	rs61953481	NA
chr12	1.24E+08	1.24E+08	A	G	UTR3	SETD8	NA	NA	NA	rs142906941	NA
chr12	1.25E+08	1.25E+08	T	C	exonic	NCOR2	synonymous SNV	:p.R1643R,NCOR2:NM_001206654:exon35:c.A4929G:p.R1643R,NCOR:	NA	rs2230942	NA
chr12	1.25E+08	1.25E+08	C	T	exonic	NCOR2	synonymous SNV	\:p.L1531L,NCOR2:NM_001206654:exon33:c.G4593A:p.L1531L,NCOR2	NA	rs1263992	NA
chr12	1.25E+08	1.25E+08	A	G	exonic	NCOR2	synonymous SNV	iC:p.A901A,NCOR2:NM_001206654:exon21:c.T2703C:p.A901A,NCOR2	NA	rs7961196	NA
chr12	1.29E+08	1.29E+08	G	A	exonic	TMEM132C	nonsynonymous SNV	TMEM132C:NM_001136103:exon5:c.G1330A:p.V444I	NA	rs4272850	NA
chr12	1.29E+08	1.29E+08	A	G	UTR3	TMEM132C	NA	NA	NA	NA	NA
chr12	1.31E+08	1.31E+08	-	T	ncRNA_exonic	LOC100190940	NA	NA	NA	NA	NA
chr12	1.31E+08	1.31E+08	G	T	UTR5	GPR133	NA	NA	NA	rs56090874	NA
chr12	1.32E+08	1.32E+08	G	T	exonic	ULK1	nonsynonymous SNV	ULK1:NM_003565:exon22:c.G2234T:p.G745V	NA	rs34936984	D
chr12	1.32E+08	1.32E+08	A	G	exonic	ULK1	nonsynonymous SNV	ULK1:NM_003565:exon23:c.A2446G:p.T816A	NA	rs11609348	NA
chr12	1.33E+08	1.33E+08	-	TT	UTR3	DDX51	NA	NA	NA	rs112928855	NA
chr12	1.33E+08	1.33E+08	T	C	exonic	P2RX2	synonymous SNV	1_016318:exon4:c.T396C:p.T132T,P2RX2:NM_170682:exon5:c.T468C:1	NA	rs7964634	NA
chr12	1.33E+08	1.33E+08	AA	-	UTR3	GOLGA3	NA	NA	NA	rs139681552	NA
chr12	1.33E+08	1.33E+08	T	G	exonic	GOLGA3	nonsynonymous SNV	GOLGA3:NM_005895:exon23:c.A4178C:p.N1393T	NA	NA	B
chr12	1.34E+08	1.34E+08	A	G	UTR3	ZNF605	NA	NA	NA	rs61951591	NA
chr12	1.34E+08	1.34E+08	G	T	UTR3	ZNF26	NA	NA	NA	NA	NA
chr12	1.34E+08	1.34E+08	G	A	UTR5	ZNF84	NA	NA	NA	rs10870574	NA
chr13	19409503	19409503	T	C	ncRNA_exonic	ANKRD20A9P	NA	NA	NA	rs141688139	NA
chr13	19409611	19409611	T	C	ncRNA_exonic	ANKRD20A9P	NA	NA	NA	rs200316004	NA

chr13	19418641	19418641	T	-	ncRNA_exonic	ANKRD20A9P	NA	NA	NA	NA	NA
chr13	19431858	19431858	T	-	ncRNA_exonic	ANKRD20A9P	NA	NA	NA	rs33949959	NA
chr13	19442031	19442031	C	A	ncRNA_exonic	ANKRD20A9P	NA	NA	NA	rs2997166	NA
chr13	21348028	21348028	A	C	UTR5	N6AMT2	NA	NA	NA	NA	NA
chr13	23755127	23755127	G	A	UTR5	SGCG	NA	NA	NA	rs4770403	NA
chr13	23808782	23808782	T	C	exonic	SGCG	synonymous SNV	SGCG:NM_000231:exon3:c.T228C:p.D76D	NA	rs1800350	NA
chr13	25161438	25161438	T	A	ncRNA_exonic	TPTE2P6	NA	NA	NA	rs3869320	NA
chr13	25356053	25356053	T	C	exonic	RNF17	synonymous SNV	I_001184993:exon6:c.T582C:p.F194F,RNF17:NM_031277:exon6:c.T58	NA	rs9707144	NA
chr13	25505593	25505593	T	G	ncRNA_exonic	TPTE2P1	NA	NA	NA	rs9553473	NA
chr13	26125490	26125490	G	A	exonic	ATP8A2	synonymous SNV	ATP8A2:NM_016529:exon11:c.G906A:p.A302A	NA	rs9581388	NA
chr13	27847807	27847807	G	T	UTR3	RASL11A	NA	NA	NA	NA	NA
chr13	28867525	28867529	TTTTT	-	UTR3	PAN3	NA	NA	NA	NA	NA
chr13	28867565	28867565	A	G	UTR3	PAN3	NA	NA	NA	NA	NA
chr13	28874659	28874666	CACACACA	-	UTR3	FLT1	NA	NA	NA	rs200186804	NA
chr13	28961961	28961961	G	A	UTR3	FLT1	NA	NA	NA	rs199630957	NA
chr13	30779887	30779887	-	TG	UTR3	KATNAL1	NA	NA	NA	NA	NA
chr13	31035091	31035091	T	-	UTR3	HMGB1	NA	NA	NA	rs138159768	NA
chr13	31735759	31735759	G	A	UTR5	HSPH1	NA	NA	NA	rs2280059	NA
chr13	32745397	32745397	G	A	exonic	FRY	nonsynonymous SNV	FRY:NM_023037:exon18:c.G2141A:p.R714K	NA	NA	B
chr13	32890572	32890572	G	A	UTR5	BRCA2	NA	NA	NA	rs1799943	NA
chr13	36744800	36744800	G	A	exonic	CCDC169-SOHLH2,SOHLH2	synonymous SNV	:6:exon10:c.C1125T:p.Y375Y,CCDC169-SOHLH2:NM_001198910:exon10)=COSM147666;OCCURENCE=1(stomac	NA	rs2296967	NA
chr13	36805290	36805290	A	-	UTR3	CCDC169	NA	NA	NA	rs67328439	NA
chr13	36920918	36920918	C	G	ncRNA_UTR5	SPG20	NA	NA	NA	rs9531842	NA
chr13	37271429	37271430	CA	-	UTR3	SERTM1	NA	NA	NA	rs58941896	NA
chr13	39623185	39623185	T	-	UTR3	NHLRC3	NA	NA	NA	NA	NA
chr13	40922821	40922821	A	-	ncRNA_exonic	LINC00598	NA	NA	NA	rs112830018	NA
chr13	41133064	41133064	-	T	UTR3	FOXO1	NA	NA	NA	NA	NA
chr13	41385658	41385658	C	A	ncRNA_UTR3	SLC25A15	NA	NA	NA	rs41515050	NA
chr13	41703785	41703785	C	T	UTR3	KBTBD6	NA	NA	NA	NA	NA
chr13	43148313	43148313	C	G	UTR5	TNFSF11	NA	NA	NA	rs9533157	NA
chr13	43639845	43639845	A	C	exonic	DNAJC15	synonymous SNV	DNAJC15:NM_013238:exon2:c.A132C:p.G44G	NA	rs3783044	NA
chr13	43681661	43681666	ACACAC	-	UTR3	DNAJC15	NA	NA	NA	rs72088427	NA
chr13	43787681	43787683	TTT	-	UTR3	ENOX1	NA	NA	NA	NA	NA
chr13	45915481	45915481	A	C	ncRNA_exonic	TPT1-AS1	NA	NA	NA	rs12872310	NA
chr13	45915500	45915500	C	T	ncRNA_exonic	TPT1-AS1	NA	NA	NA	rs12872567	NA
chr13	46537757	46537757	G	A	UTR3	ZC3H13	NA	NA	NA	rs17350833	NA
chr13	48669146	48669146	A	C	exonic	MED4	synonymous SNV	MED4:NM_014166:exon1:c.T69G:p.G23G	NA	NA	NA
chr13	50102992	50102992	T	C	UTR3	PHF11	NA	NA	NA	rs3033	NA
chr13	50466774	50466774	G	A	ncRNA_exonic	CTAGE10P	NA	NA	NA	rs58542163	NA
chr13	50466780	50466780	C	T	ncRNA_exonic	CTAGE10P	NA	NA	NA	rs189224500	NA
chr13	50588496	50588496	T	C	ncRNA_UTR3	TRIM13	NA	NA	NA	rs199807501	NA
chr13	52390790	52390791	TG	-	ncRNA_exonic	LINC00282	NA	NA	NA	rs151038091	NA
chr13	58302675	58302676	GC	-	UTR3	PCDH17	NA	NA	NA	NA	NA
chr13	58302684	58302684	T	A	UTR3	PCDH17	NA	NA	NA	NA	NA
chr13	60240491	60240491	-	A	UTR3	DIAPH3	NA	NA	NA	NA	NA
chr13	70713512	70713512	A	G	ncRNA_exonic	ATXN8OS	NA	NA	NA	rs2021426	NA
chr13	73329358	73329358	G	A	UTR3	BORA	NA	NA	NA	rs10887	NA
chr13	73369642	73369642	A	G	exonic	PIBF1	nonsynonymous SNV	PIBF1:NM_006346:exon4:c.A499G:p.I167V	NA	rs1372000	B
chr13	77458312	77458312	G	C	UTR3	KCTD12	NA	NA	NA	NA	NA
chr13	77619037	77619037	T	-	UTR3	MYCBP2	NA	NA	NA	rs56131306	NA
chr13	78216915	78216915	C	T	exonic	SCEL	synonymous SNV	396T:p.H632H,SCEL:NM_003843:exon31:c.C1962T:p.H654H,SCEL:NM_	NA	rs2813739	NA
chr13	79894106	79894106	G	-	UTR3	RBM26	NA	NA	NA	NA	NA
chr13	79894118	79894118	C	T	UTR3	RBM26	NA	NA	NA	NA	NA
chr13	79894162	79894162	A	T	UTR3	RBM26	NA	NA	NA	NA	NA
chr13	84451509	84451509	A	-	UTR3	SLITRK1	NA	NA	NA	rs66938370	NA
chr13	96230279	96230279	T	G	UTR3	CLDN10	NA	NA	NA	rs1325774	NA
chr13	96232591	96232591	A	-	UTR3	DZIP1	NA	NA	NA	NA	NA
chr13	98118464	98118464	A	-	UTR3	RAP2A	NA	NA	NA	rs61387793	NA
chr13	1.01E+08	1.01E+08	T	-	UTR3	CLYBL	NA	NA	NA	NA	NA
chr13	1.01E+08	1.01E+08	TATTTAT	-	UTR3	GGACT	NA	NA	NA	rs10581954	NA
chr13	1.03E+08	1.03E+08	TTTTTT	-	UTR3	TPP2	NA	NA	NA	rs202012610	NA
chr13	1.03E+08	1.03E+08	AA	-	UTR3	BIVM	NA	NA	NA	NA	NA
chr13	1.04E+08	1.04E+08	-	T	ncRNA_exonic	METTTL21EP	NA	NA	NA	NA	NA
chr13	1.04E+08	1.04E+08	CA	-	ncRNA_exonic	METTTL21EP	NA	NA	NA	NA	NA
chr13	1.09E+08	1.09E+08	CTCT	-	UTR5	FAM155A	NA	NA	NA	rs35028871	NA
chr13	1.1E+08	1.1E+08	T	C	exonic	MYO16	synonymous SNV	.001198950:exon12:c.T1413C:p.I471I,MYO16:NM_015011:exon12:c.T1	NA	rs9559428	NA

chr13	1.11E+08	1.11E+08	G	A	exonic	COL4A2	nonsynonymous SNV	COL4A2:NM_001846:exon22:c.G1550A:p.R517K	NA	rs7990383	B
chr13	1.11E+08	1.11E+08	T	C	exonic	CARS2	synonymous SNV	CARS2:NM_024537:exon8:c.A852G:p.E284E	NA	rs4628819	NA
chr13	1.12E+08	1.12E+08	C	T	exonic	ARHGFE7	synonymous SNV	C198T:p.S66S,ARHGFE7:NM_003899:exon4:c.C198T:p.S66S,ARHGFE7:I	NA	rs41275140	NA
chr13	1.12E+08	1.12E+08	AA	-	UTR3	ARHGFE7	NA	NA	NA	rs202074614	NA
chr13	1.14E+08	1.14E+08	ACAC	-	UTR3	ATP11A	NA	NA	NA	rs72007310	NA
chr13	1.14E+08	1.14E+08	AT	-	UTR3	ATP11A	NA	NA	NA	rs3832908	NA
chr13	1.14E+08	1.14E+08	C	A	UTR3	DCUN1D2	NA	NA	NA	rs9577553	NA
chr13	1.14E+08	1.14E+08	C	T	exonic	TMCO3	nonsynonymous SNV	TMCO3:NM_017905:exon9:c.C1414T:p.L472F	NA	rs77834374	P
chr13	1.14E+08	1.14E+08	A	T	exonic	TMCO3	nonsynonymous SNV	TMCO3:NM_017905:exon9:c.A1419T:p.L473F	NA	NA	P
chr13	1.14E+08	1.14E+08	-	GTGTGCAC	ncRNA_exonic	LINC00552	NA	NA	NA	NA	NA
chr14	20811332	20811332	C	T	ncRNA_exonic	RPPH1	NA	NA	NA	rs3093872	NA
chr14	20811476	20811476	-	A	ncRNA_exonic	RPPH1	NA	NA	NA	NA	NA
chr14	20822308	20822308	A	G	exonic	PARP2	nonsynonymous SNV	_001042618:exon8:c.A665G:p.D222G,PARP2:NM_005484:exon8:c.A70-	NA	rs3093921	P
chr14	21965670	21965670	G	T	UTR3	TOX4	NA	NA	NA	NA	NA
chr14	21965672	21965672	T	G	UTR3	TOX4	NA	NA	NA	rs28506904	NA
chr14	21965689	21965689	T	G	UTR3	TOX4	NA	NA	NA	NA	NA
chr14	23304057	23304057	A	-	UTR3	MRPL52	NA	NA	NA	rs56341631	NA
chr14	23352465	23352470	GCACAC	-	UTR5	REM2	NA	NA	NA	rs72363604	NA
chr14	23530622	23530622	T	C	exonic	ACIN1	synonymous SNV	3:p.S403S,ACIN1:NM_001164815:exon16:c.A3363G:p.S1121S,ACIN1:N	NA	rs60168438	NA
chr14	23652346	23652346	-	AA	UTR5	SLC7A8	NA	NA	NA	NA	NA
chr14	23795205	23795205	T	-	UTR3	BCL2L2-PABPN1,PABPN1	NA	NA	NA	rs71119016	NA
chr14	24408866	24408866	G	A	ncRNA_exonic	DHRS4-AS1	NA	NA	NA	rs1885810	NA
chr14	24409799	24409799	A	G	ncRNA_exonic	DHRS4-AS1	NA	NA	NA	rs113551151	NA
chr14	24410262	24410262	C	G	ncRNA_exonic	DHRS4-AS1	NA	NA	NA	rs58941536	NA
chr14	24837338	24837338	G	-	UTR5	NFATC4	NA	NA	NA	rs3215609	NA
chr14	24899194	24899194	C	T	UTR5	KHNYN	NA	NA	NA	rs10146759	NA
chr14	25103414	25103414	G	A	UTR5	GZMB	NA	NA	NA	rs2273844	NA
chr14	31344039	31344039	A	G	UTR5	COCH	NA	NA	NA	rs11555426	NA
chr14	31364292	31364292	G	A	UTR3	STRN3	NA	NA	NA	NA	NA
chr14	31364323	31364323	G	A	UTR3	STRN3	NA	NA	NA	NA	NA
chr14	31647241	31647241	G	A	exonic	HECTD1	synonymous SNV	HECTD1:NM_015382:exon3:c.C360T:p.A120A	NA	rs2274201	NA
chr14	34272917	34272919	AAA	-	UTR3	NPAS3	NA	NA	NA	rs146767978	NA
chr14	34394149	34394149	-	AA	UTR3	EGLN3	NA	NA	NA	NA	NA
chr14	38678356	38678356	G	A	UTR5	SSTR1	NA	NA	NA	rs12437095	NA
chr14	39867658	39867658	G	T	UTR3	FBXO33	NA	NA	NA	rs201516221	NA
chr14	39867669	39867669	C	T	UTR3	FBXO33	NA	NA	NA	rs202105812	NA
chr14	50092078	50092078	A	-	UTR3	DNAAF2	NA	NA	NA	NA	NA
chr14	50361154	50361154	G	T	UTR3	ARF6	NA	NA	NA	NA	NA
chr14	50361173	50361174	TT	-	UTR3	ARF6	NA	NA	NA	NA	NA
chr14	50448984	50448984	A	C	UTR3	C14orf182	NA	NA	NA	rs7161196	NA
chr14	53241309	53241309	-	T	UTR3	STYX	NA	NA	NA	NA	NA
chr14	54416602	54416602	T	A	UTR3	BMP4	NA	NA	NA	rs76335800	NA
chr14	55429883	55429883	C	A	exonic	WDHD1	nonsynonymous SNV	01008396:exon18:c.G1949T:p.C650F,WDHD1:NM_007086:exon19:c.G	NA	NA	D
chr14	55429886	55429886	G	A	exonic	WDHD1	nonsynonymous SNV	01008396:exon18:c.C1946T:p.S649F,WDHD1:NM_007086:exon19:c.C	NA	NA	D
chr14	55533924	55533925	TT	-	UTR3	MAPK1IP1L	NA	NA	NA	NA	NA
chr14	55864146	55864146	G	A	exonic	ATG14	synonymous SNV	ATG14:NM_014924:exon2:c.C228T:p.I76I	NA	rs61743178	NA
chr14	56249141	56249141	-	T	ncRNA_exonic	LINC00520	NA	NA	NA	NA	NA
chr14	56767165	56767165	T	-	UTR3	PELI2	NA	NA	NA	NA	NA
chr14	57396821	57396821	T	C	ncRNA_exonic	OTX2-AS1	NA	NA	NA	NA	NA
chr14	57396858	57396858	T	C	ncRNA_exonic	OTX2-AS1	NA	NA	NA	rs199531630	NA
chr14	57396873	57396873	T	C	ncRNA_exonic	OTX2-AS1	NA	NA	NA	rs12894513	NA
chr14	57396877	57396877	T	C	ncRNA_exonic	OTX2-AS1	NA	NA	NA	NA	NA
chr14	57396889	57396892	TTTC	-	ncRNA_exonic	OTX2-AS1	NA	NA	NA	rs150682540	NA
chr14	57396893	57396893	T	C	ncRNA_exonic	OTX2-AS1	NA	NA	NA	NA	NA
chr14	57396901	57396901	T	C	ncRNA_exonic	OTX2-AS1	NA	NA	NA	NA	NA
chr14	57396905	57396905	T	C	ncRNA_exonic	OTX2-AS1	NA	NA	NA	NA	NA
chr14	57396919	57396919	T	C	ncRNA_exonic	OTX2-AS1	NA	NA	NA	rs28595791	NA
chr14	57396928	57396929	TT	-	ncRNA_exonic	OTX2-AS1	NA	NA	NA	NA	NA
chr14	57396935	57396935	C	T	ncRNA_exonic	OTX2-AS1	NA	NA	NA	NA	NA
chr14	57396937	57396938	CC	-	ncRNA_exonic	OTX2-AS1	NA	NA	NA	NA	NA
chr14	60759367	60759367	-	T	UTR3	PPM1A	NA	NA	NA	NA	NA
chr14	61177729	61177729	-	TATATA	UTR3	SIX4	NA	NA	NA	rs142920801	NA
chr14	61190053	61190053	T	G	exonic	SIX4	nonsynonymous SNV	SIX4:NM_017420:exon1:c.A740C:p.Y247S	NA	NA	D
chr14	61745694	61745697	CACA	-	UTR3	TMEM30B	NA	NA	NA	NA	NA
chr14	64693058	64693058	C	G	UTR3	SYNE2	NA	NA	NA	NA	NA
chr14	64937308	64937317	AAAAAAA	-	UTR3	AKAP5	NA	NA	NA	NA	NA

chr14	64937889	64937889	G	T	UTR3	AKAP5	NA	NA	NA	rs75057565	NA
chr14	65213611	65213611	A	-	UTR3	SPTB	NA	NA	NA	NA	NA
chr14	65399263	65399263	A	G	UTR3	CHURC1	NA	NA	NA	rs8943	NA
chr14	65399306	65399306	G	A	UTR3	CHURC1	NA	NA	NA	rs8984	NA
chr14	65400265	65400265	C	T	UTR3	CHURC1	NA	NA	NA	rs1064108	NA
chr14	65400745	65400745	-	A	UTR3	CHURC1	NA	NA	NA	rs35743220	NA
chr14	65400785	65400786	GT	-	UTR3	CHURC1	NA	NA	NA	rs141703694	NA
chr14	68144049	68144049	G	A	UTR3	RDH11	NA	NA	NA	NA	NA
chr14	69255652	69255652	G	T	UTR3	ZFP36L1	NA	NA	NA	rs6739	NA
chr14	69255656	69255658	GGT	-	UTR3	ZFP36L1	NA	NA	NA	rs138429203	NA
chr14	69255660	69255660	G	C	UTR3	ZFP36L1	NA	NA	NA	rs10656	NA
chr14	69352230	69352230	G	A	exonic	ACTN1	synonymous SNV	p.L433L,ACTN1:NM_001130004:exon12:c.C1297T;p.L433L,ACTN1:NM_001130004:exon12:c.C1297T	NA	rs15993	NA
chr14	69926273	69926273	-	T	UTR3	SLC39A9	NA	NA	NA	NA	NA
chr14	70233152	70233152	-	A	ncRNA_exonic	LOC100289511	NA	NA	NA	rs138453813	NA
chr14	70546744	70546744	G	A	UTR5	SLC8A3	NA	NA	NA	rs72729857	NA
chr14	70834315	70834315	G	A	UTR3	SYNJ2BP	NA	NA	NA	NA	NA
chr14	70834325	70834325	C	T	UTR3	SYNJ2BP	NA	NA	NA	NA	NA
chr14	70834332	70834332	G	A	UTR3	SYNJ2BP	NA	NA	NA	NA	NA
chr14	73422350	73422350	T	G	exonic	DCAF4	synonymous SNV	.S2755,DCAF4:NM_001163508:exon12:c.T1107G;p.S369S,DCAF4:NM_001163508:exon12:c.T1107G	NA	rs2806034	NA
chr14	73459917	73459917	C	T	exonic	ZFYVE1	synonymous SNV	ZFYVE1:NM_021260:exon4:c.G1137A;p.E379E	NA	rs2333016	NA
chr14	73959703	73959703	-	T	UTR3	C14orf169	NA	NA	NA	NA	NA
chr14	74168648	74168649	AAA	-	UTR3	DNAL1	NA	NA	NA	rs147918155	NA
chr14	74183386	74183391	AAAAAA	-	UTR3	ELMSAN1	NA	NA	NA	NA	NA
chr14	74815239	74815239	C	T	UTR5	VRTN	NA	NA	NA	rs2286425	NA
chr14	75388803	75388803	G	A	UTR5	RPS6KL1	NA	NA	NA	rs7158047	NA
chr14	77491190	77491190	-	AG	UTR3	IRF2BPL	NA	NA	NA	rs200696373	NA
chr14	77599140	77599140	-	TCTCTCTC	UTR3	ZDHHC22	NA	NA	NA	NA	NA
chr14	77648238	77648240	GTG	-	splicing	TMEM63C	NA	NA	NA	rs35484514	NA
chr14	77973676	77973676	T	-	UTR3	SPTLC2	NA	NA	NA	NA	NA
chr14	78390839	78390839	T	G	exonic	ADCK1	nonsynonymous SNV	_001142545:exon7:c.T694G;p.F232V,ADCK1:NM_020421:exon8:c.T89G	NA	NA	D
chr14	78390880	78390880	T	C	exonic	ADCK1	synonymous SNV	_001142545:exon7:c.T735C;p.N245N,ADCK1:NM_020421:exon8:c.T93G	NA	rs2302944	NA
chr14	80678116	80678116	G	T	ncRNA_intronic	DIO2-AS1	NA	NA	NA	NA	NA
chr14	81940588	81940588	-	A	UTR3	SEL1L	NA	NA	NA	NA	NA
chr14	81942830	81942830	T	-	UTR3	SEL1L	NA	NA	NA	NA	NA
chr14	88647752	88647752	A	G	UTR3	KCNK10	NA	NA	NA	rs72698030	NA
chr14	88852166	88852166	G	A	exonic	SPATA7	nonsynonymous SNV	:NM_001040428:exon1:c.G4A;p.D2N,SPATA7:NM_018418:exon1:c.G4A	NA	rs4904448	P
chr14	89622979	89622979	-	T	UTR3	FOXN3	NA	NA	NA	NA	NA
chr14	89626561	89626561	G	A	UTR3	FOXN3	NA	NA	NA	rs11627037	NA
chr14	89627901	89627904	GTGT	-	UTR3	FOXN3	NA	NA	NA	NA	NA
chr14	92041294	92041294	A	G	intergenic	1(dist=64650),CATSPERB(dist=64650)	NA	NA	NA	rs1743066	NA
chr14	92582472	92582472	G	A	UTR3	NDUFB1	NA	NA	NA	rs13350	NA
chr14	94749972	94749972	A	G	UTR3	SERPINA10	NA	NA	NA	rs12793	NA
chr14	94776221	94776221	A	C	exonic	SERPINA6	nonsynonymous SNV	SERPINA6:NM_001756:exon3:c.T736G;p.S246A	NA	rs2228541	B
chr14	94912896	94912896	T	G	exonic	SERPINA11	nonsynonymous SNV	SERPINA11:NM_001080451:exon3:c.A689C;p.E230A	NA	rs57740714	D
chr14	94933709	94933709	C	T	exonic	SERPINA9	synonymous SNV	_175739:exon3:c.G693A;p.E231E,SERPINA9:NM_001042518:exon4:c.C693A	NA	rs6575433	NA
chr14	95107973	95107973	C	T	ncRNA_exonic	SERPINA13P	NA	NA	NA	rs4905226	NA
chr14	95655319	95655319	-	A	UTR3	CLMN	NA	NA	NA	NA	NA
chr14	95657743	95657743	-	A	UTR3	CLMN	NA	NA	NA	NA	NA
chr14	96000550	96000550	A	C	ncRNA_exonic	SNHG10	NA	NA	NA	NA	NA
chr14	96152836	96152836	T	G	exonic	TCL1B	nonsynonymous SNV	TCL1B:NM_004918:exon1:c.T32G;p.V11G	NA	NA	B
chr14	96871104	96871104	G	A	exonic	AK7	nonsynonymous SNV	AK7:NM_152327:exon3:c.G305A;p.R102Q	NA	rs2275554	P
chr14	1.01E+08	1.01E+08	A	T	UTR5	WARS	NA	NA	NA	rs7143006	NA
chr14	1.05E+08	1.05E+08	G	A	exonic	ASPG	nonsynonymous SNV	ASPG:NM_001080464:exon2:c.G161A;p.R54H	NA	rs201325717	NA
chr14	1.05E+08	1.05E+08	T	C	exonic	KIF26A	synonymous SNV	KIF26A:NM_015656:exon12:c.T2487C;p.G829G	NA	rs4906422	NA
chr14	1.05E+08	1.05E+08	C	T	UTR5	AKT1	NA	NA	NA	rs10138227	NA
chr14	1.05E+08	1.05E+08	A	G	UTR3	ZBTB42	NA	NA	NA	rs140954212	NA
chr14	1.05E+08	1.05E+08	C	T	ncRNA_exonic	LINC00638	NA	NA	NA	rs12894160	NA
chr14	1.05E+08	1.05E+08	C	G	exonic	AHNAK2	nonsynonymous SNV	AHNAK2:NM_138420:exon7:c.G9625C;p.V3209L	NA	rs201181175	NA
chr14	1.05E+08	1.05E+08	T	C	exonic	AHNAK2	nonsynonymous SNV	AHNAK2:NM_138420:exon7:c.A6509G;p.K2170R	NA	rs201127689	NA
chr14	1.05E+08	1.05E+08	G	C	exonic	AHNAK2	synonymous SNV	AHNAK2:NM_138420:exon7:c.C6507G;p.G2169G	NA	rs146449084	NA
chr14	1.05E+08	1.05E+08	T	C	exonic	AHNAK2	synonymous SNV	AHNAK2:NM_138420:exon7:c.A6291G;p.K2097K	NA	rs201263008	NA
chr14	1.05E+08	1.05E+08	G	C	exonic	AHNAK2	nonsynonymous SNV	AHNAK2:NM_138420:exon7:c.C6133G;p.L2045V	NA	rs11850885	NA
chr14	1.06E+08	1.06E+08	T	G	exonic	JAG2	nonsynonymous SNV	_145159:exon22:c.A2755C;p.T919P,JAG2:NM_002226:exon23:c.A2869G	NA	NA	D
chr14	1.06E+08	1.06E+08	C	A	UTR3	BRF1	NA	NA	NA	rs8270	NA
chr14	1.07E+08	1.07E+08	G	C	ncRNA_exonic	LINC00221	NA	NA	NA	rs10873578	NA
chr14	1.07E+08	1.07E+08	C	G	ncRNA_exonic	LINC00221	NA	NA	ID=COSN393151;OCCURENCE=1(lung)	rs11160980	NA

chr14	1.07E+08	1.07E+08	T	G	ncRNA_exonic	LINC00221	NA	NA	NA	rs11160981	NA
chr14	1.07E+08	1.07E+08	A	-	ncRNA_exonic	LINC00221	NA	NA	NA	rs140975989	NA
chr15	20740129	20740129	G	A	exonic	GOLGA6L6	nonsynonymous SNV	GOLGA6L6:NM_001145004:exon8:c.C1621T:p.R541W	NA	rs199932545	NA
chr15	21127120	21127120	C	T	ncRNA_exonic	NF1P2	NA	NA	NA	rs2672341	NA
chr15	21134563	21134563	A	G	ncRNA_exonic	NF1P2	NA	NA	NA	rs145897182	NA
chr15	21938564	21938564	A	G	ncRNA_exonic	LOC646214	NA	NA	NA	rs4383099	NA
chr15	21939417	21939417	T	C	ncRNA_exonic	LOC646214	NA	NA	NA	rs28478588	NA
chr15	21940430	21940430	-	TTGTTTATC	ncRNA_exonic	LOC646214	NA	NA	NA	rs6145499	NA
chr15	22703218	22703218	A	G	ncRNA_exonic	GOLGA8DP	NA	NA	NA	rs1822555	NA
chr15	22743252	22743252	T	C	exonic	GOLGA6L1	nonsynonymous SNV	GOLGA6L1:NM_001001413:exon8:c.T1637C:p.M546T	NA	NA	NA
chr15	23005380	23005380	-	C	UTR3	NIPA2	NA	NA	NA	rs35420735	NA
chr15	23441131	23441131	C	A	ncRNA_exonic	GOLGA8EP	NA	NA	NA	rs112118972	B
chr15	23446011	23446011	C	T	ncRNA_exonic	GOLGA8EP	NA	NA	NA	rs2120419	NA
chr15	24414994	24414994	T	C	ncRNA_exonic	PWRN2	NA	NA	NA	rs4029933	NA
chr15	24415020	24415020	T	C	ncRNA_exonic	PWRN2	NA	NA	NA	rs3950711	NA
chr15	24813154	24813154	T	C	ncRNA_exonic	PWRN1	NA	NA	NA	rs28574764	NA
chr15	28096538	28096538	A	G	exonic	OCA2	synonymous SNV	OCA2:NM_000275:exon22:c.T2328C:p.A776A	NA	rs1800419	NA
chr15	28502279	28502279	A	G	exonic	HERC2	synonymous SNV	HERC2:NM_004667:exon17:c.T2445C:p.G815G	NA	rs11631797	NA
chr15	28566548	28566548	T	C	exonic	HERC2	nonsynonymous SNV	HERC2:NM_004667:exon2:c.A32G:p.Q11R	NA	rs201990459	P
chr15	29002606	29002606	C	T	ncRNA_exonic	WHAMMP2	NA	NA	NA	rs200451851	NA
chr15	29992941	29992941	G	A	UTR3	TJP1	NA	NA	NA	NA	NA
chr15	30664453	30664453	C	T	exonic	CHRFAM7A	synonymous SNV	M_148911:exon6:c.G147A:p.T49T,CHRFAM7A:NM_139320:exon7:c.G	NA	rs1042722	NA
chr15	31669511	31669511	-	AG	UTR3	KLF13	NA	NA	NA	rs138437319	NA
chr15	33261185	33261185	G	A	exonic	FMN1	nonsynonymous SNV	01103184:exon4:c.C2048T:p.P683L,FMN1:NM_001277313:exon8:c.C2	NA	rs117804335	NA
chr15	34523794	34523794	T	-	UTR3	SLC12A6	NA	NA	NA	NA	NA
chr15	34525152	34525152	T	A	UTR3	SLC12A6	NA	NA	NA	NA	NA
chr15	34525170	34525170	T	G	UTR3	SLC12A6	NA	NA	NA	NA	NA
chr15	37102239	37102239	-	AC	ncRNA_UTR3	C15orf41	NA	NA	NA	NA	NA
chr15	39889456	39889456	G	T	UTR3	THBS1	NA	NA	NA	NA	NA
chr15	39889476	39889476	G	T	UTR3	THBS1	NA	NA	NA	rs202242472	NA
chr15	40711933	40711933	G	A	UTR3	IVD	NA	NA	NA	rs4923865	NA
chr15	41024303	41024303	T	C	UTR3	RAD51	NA	NA	NA	rs11855560	NA
chr15	41099899	41099899	-	GGGGC	exonic	ZFYVE19	frameshift insertion	con1:c.112_113insGGGGC:p.W38fs,ZFYVE19:NM_001258420:exon1:c.	NA	rs142730574	NA
chr15	41192602	41192602	G	C	exonic	VPS18	nonsynonymous SNV	VPS18:NM_020857:exon4:c.G1586C:p.S529T	NA	NA	B
chr15	41231084	41231084	A	C	UTR3	DLL4	NA	NA	NA	NA	NA
chr15	41590298	41590298	-	T	ncRNA_exonic	OIP5-AS1	NA	NA	NA	rs34536592	NA
chr15	41591315	41591318	TTTA	-	ncRNA_exonic	OIP5-AS1	NA	NA	NA	rs139720436	NA
chr15	41773443	41773444	GG	-	UTR3	RTF1	NA	NA	NA	rs10593971	NA
chr15	42159290	42159290	C	T	exonic	SPTBN5	nonsynonymous SNV	SPTBN5:NM_016642:exon36:c.G6347A:p.R2116Q	NA	rs2290553	NA
chr15	42707911	42707911	-	T	UTR3	ZNF106	NA	NA	NA	rs145603791	NA
chr15	42707938	42707941	TTTT	-	UTR3	ZNF106	NA	NA	NA	NA	NA
chr15	42834962	42834962	C	T	UTR3	LRRC57	NA	NA	NA	rs75705010	NA
chr15	42861496	42861496	T	-	UTR3	HAUS2	NA	NA	NA	NA	NA
chr15	43652542	43652542	-	A	UTR3	ZSCAN29	NA	NA	NA	rs35479272	NA
chr15	43707808	43707808	A	T	exonic	TP53BP1	synonymous SNV	:p.S1691S,TP53BP1:NM_001141980:exon23:c.T5073A:p.S1691S,TP53B	NA	rs2230451	NA
chr15	45694579	45694579	C	T	UTR5	SPATA5L1	NA	NA	NA	rs1820518	NA
chr15	45694610	45694610	C	T	UTR5	SPATA5L1	NA	NA	NA	rs1365610	NA
chr15	45848231	45848231	T	-	ncRNA_exonic	HMG20A	NA	NA	NA	NA	NA
chr15	50888568	50888568	A	G	exonic	TRPM7	synonymous SNV	TRPM7:NM_017672:exon23:c.T3174C:p.N1058N	NA	rs543821	NA
chr15	51697575	51697575	T	-	UTR3	GLDN	NA	NA	NA	rs5812554	NA
chr15	51914662	51914662	G	A	exonic	DMXL2	synonymous SNV	:c.C81T:p.P27P,DMXL2:NM_001174117:exon1:c.C81T:p.P27P,DMXL2:N	NA	rs2278990	NA
chr15	51914716	51914716	T	C	exonic	DMXL2	synonymous SNV	:c.A27G:p.G9G,DMXL2:NM_001174117:exon1:c.A27G:p.G9G,DMXL2:N	NA	rs2278989	NA
chr15	51988178	51988178	T	A	exonic	SCG3	synonymous SNV	I_001165257:exon7:c.T279A:p.V93V,SCG3:NM_013243:exon8:c.T975A	NA	NA	NA
chr15	52485512	52485514	AAA	-	UTR3	MYO5C	NA	NA	NA	rs143753379	NA
chr15	53807252	53807252	-	TA	UTR3	WDR72	NA	NA	NA	rs141109063	NA
chr15	55495963	55495963	T	C	UTR3	RAB27A	NA	NA	NA	rs1061824	NA
chr15	55496043	55496043	T	A	UTR3	RAB27A	NA	NA	NA	rs1061823	NA
chr15	55496058	55496058	A	C	UTR3	RAB27A	NA	NA	NA	rs1061822	NA
chr15	56032872	56032872	G	A	exonic	PRTG	synonymous SNV	PRTG:NM_173814:exon2:c.C105T:p.C35C	NA	rs77118243	NA
chr15	56757188	56757188	A	C	UTR5	MNS1	NA	NA	NA	NA	NA
chr15	58476533	58476533	A	C	UTR3	AQP9	NA	NA	NA	NA	NA
chr15	59149732	59149732	C	A	UTR3	FAM63B	NA	NA	NA	NA	NA
chr15	60714879	60714879	-	A	UTR3	NARG2	NA	NA	NA	NA	NA
chr15	62146078	62146078	A	-	UTR3	VPS13C	NA	NA	NA	rs5813123	NA
chr15	62146252	62146252	-	C	UTR3	VPS13C	NA	NA	NA	NA	NA
chr15	63362505	63362505	A	G	UTR3	TPM1	NA	NA	NA	rs77963487	NA

chr15	63950887	63950887	G	A	exonic	HERC1	nonsynonymous SNV	HERC1:NM_003922:exon48:c.C9455T;p.S3152F	NA	rs2228513	NA
chr15	64433178	64433178	-	ATAT	UTR3	SNX1	NA	NA	NA	rs10678400	NA
chr15	64433233	64433236	ATAG	-	UTR3	SNX1	NA	NA	NA	rs150403479	NA
chr15	64447710	64447717	AAAAAAAA	-	UTR3	SNX22	NA	NA	NA	rs200256434	NA
chr15	64458282	64458282	A	-	UTR3	CSNK1G1	NA	NA	NA	rs143314613	NA
chr15	65674738	65674738	A	C	UTR3	IGDCC4	NA	NA	NA	rs79447611	NA
chr15	65684533	65684533	A	G	exonic	IGDCC4	synonymous SNV	IGDCC4:NM_020962:exon11:c.T2061C;p.A687A	NA	rs2277582	NA
chr15	65738042	65738042	-	A	UTR3	DPP8	NA	NA	NA	NA	NA
chr15	65738954	65738954	-	T	UTR3	DPP8	NA	NA	NA	NA	NA
chr15	66626067	66626075	AAAAAAAA	-	UTR3	DIS3L	NA	NA	NA	NA	NA
chr15	67493516	67493516	T	-	UTR3	AAGAB	NA	NA	NA	NA	NA
chr15	68124665	68124665	C	A	exonic	SKOR1	synonymous SNV	SKOR1:NM_001258024:exon12:c.C2350A;p.R784R	NA	rs72751453	NA
chr15	69113060	69113060	G	T	exonic	ANP32A	nonsynonymous SNV	ANP32A:NM_006305:exon1:c.C31A;p.L11M	NA	NA	NA
chr15	69113063	69113063	C	T	exonic	ANP32A	nonsynonymous SNV	ANP32A:NM_006305:exon1:c.G28A;p.E10K	NA	NA	NA
chr15	69113065	69113065	A	G	exonic	ANP32A	nonsynonymous SNV	ANP32A:NM_006305:exon1:c.T26C;p.L9S	NA	NA	NA
chr15	69113067	69113067	A	T	exonic	ANP32A	nonsynonymous SNV	ANP32A:NM_006305:exon1:c.T24A;p.H8Q	NA	NA	NA
chr15	69699209	69699209	A	-	UTR3	PAQR5	NA	NA	NA	NA	NA
chr15	71276491	71276491	G	A	exonic	LRRRC49	nonsynonymous SNV	IA:p.R360Q,LRRRC49:NM_017691:exon11:c.G1064A;p.R355Q,LRRRC49:N	NA	NA	B
chr15	72452675	72452676	AA	-	UTR3	GRAMD2	NA	NA	NA	NA	NA
chr15	73614703	73614704	GT	-	UTR3	HCN4	NA	NA	NA	rs35177144	NA
chr15	74419238	74419241	TGTG	-	ncRNA_exonic	LOC283731	NA	NA	NA	NA	NA
chr15	75047699	75047699	A	C	UTR3	CYP1A2	NA	NA	NA	rs58661304	NA
chr15	75095027	75095027	T	G	UTR3	CSK	NA	NA	NA	NA	NA
chr15	75581791	75581791	G	A	exonic	GOLGA6D	synonymous SNV	GOLGA6D:NM_001145224:exon8:c.G618A;p.K206K	NA	NA	NA
chr15	76029269	76029269	G	A	ncRNA_intronic	DNM1P35	NA	NA	NA	rs199786499	NA
chr15	76552478	76552478	T	A	ncRNA_exonic	TYRO3P	NA	NA	NA	NA	NA
chr15	76552480	76552480	T	C	ncRNA_exonic	TYRO3P	NA	NA	NA	NA	NA
chr15	76552485	76552485	A	G	ncRNA_exonic	TYRO3P	NA	NA	NA	NA	NA
chr15	77228049	77228049	G	A	exonic	RCN2	nonsynonymous SNV	_001271837:exon3:c.G433A;p.E145K,RCN2:NM_002902:exon3:c.G433	NA	NA	B
chr15	77228050	77228050	A	G	exonic	RCN2	nonsynonymous SNV	_001271837:exon3:c.A434G;p.E145G,RCN2:NM_002902:exon3:c.A434	NA	NA	B
chr15	77905661	77905661	A	G	UTR3	LINGO1	NA	NA	NA	rs1058129	NA
chr15	78792881	78792883	AAA	-	UTR3	IREB2	NA	NA	NA	NA	NA
chr15	79054900	79054900	C	G	exonic	ADAMTS7	nonsynonymous SNV	ADAMTS7:NM_014272:exon23:c.G4748C;p.G1583A	NA	rs7495616	B
chr15	79237247	79237247	C	G	exonic	CTSH	nonsynonymous SNV	CTSH:NM_004390:exon1:c.G77C;p.C26S	NA	rs1036938	B
chr15	79237324	79237324	C	A	UTR5	CTSH	NA	NA	NA	rs1036939	NA
chr15	79575294	79575294	C	T	ncRNA_UTR5	ANKRD34C	NA	NA	NA	rs35531114	NA
chr15	79575486	79575486	G	A	ncRNA_UTR5	ANKRD34C	NA	NA	NA	rs62025009	NA
chr15	83013936	83013936	T	C	intergenic	:97(dist=27509),UBE2Q2P3(di	NA	NA	NA	rs202104598	NA
chr15	83659296	83659296	T	-	UTR3	FAM103A1	NA	NA	NA	NA	NA
chr15	85053254	85053254	T	C	ncRNA_exonic	GOLGA6L5	NA	NA	NA	NA	NA
chr15	85055683	85055683	C	T	ncRNA_exonic	GOLGA6L5	NA	NA	NA	rs199636264	NA
chr15	85185577	85185583	AAAAAAA	-	ncRNA_exonic	SCAND2P	NA	NA	NA	rs201991585	NA
chr15	89398997	89398997	A	T	exonic	ACAN	nonsynonymous SNV	001135:exon12:c.A3181T;p.T1061S,ACAN:NM_013227:exon12:c.A318	NA	NA	NA
chr15	89399054	89399054	A	T	exonic	ACAN	nonsynonymous SNV	001135:exon12:c.A3238T;p.T1080S,ACAN:NM_013227:exon12:c.A323	NA	NA	NA
chr15	89399453	89399453	G	T	exonic	ACAN	nonsynonymous SNV	001135:exon12:c.G3637T;p.A1213S,ACAN:NM_013227:exon12:c.G363	NA	NA	NA
chr15	89400097	89400097	T	G	exonic	ACAN	nonsynonymous SNV	001135:exon12:c.T4281G;p.D1427E,ACAN:NM_013227:exon12:c.T428	NA	NA	NA
chr15	89400100	89400100	G	C	exonic	ACAN	nonsynonymous SNV	001135:exon12:c.G4284C;p.E1428D,ACAN:NM_013227:exon12:c.G428	NA	NA	NA
chr15	89400106	89400106	T	C	exonic	ACAN	synonymous SNV	001135:exon12:c.T4290C;p.S1430S,ACAN:NM_013227:exon12:c.T429	NA	rs78806382	NA
chr15	89442606	89442606	C	T	UTR3	MFE2A	NA	NA	NA	rs2280214	NA
chr15	93008848	93008848	A	C	UTR3	ST8SIA2	NA	NA	NA	NA	NA
chr15	93114612	93114612	G	A	ncRNA_exonic	LOC100144604	NA	NA	NA	NA	NA
chr15	93616283	93616283	-	AGG	UTR5	RGMA	NA	NA	NA	rs112633977	NA
chr15	98981199	98981199	A	T	UTR3	FAM169B	NA	NA	NA	NA	NA
chr15	98981248	98981248	A	G	UTR3	FAM169B	NA	NA	NA	NA	NA
chr15	1E+08	1E+08	A	C	exonic	MEF2A	nonsynonymous SNV	C:p.Q420P,MEF2A:NM_001130927:exon10:c.A1079C;p.Q360P,MEF2A:	NA	rs199811207	NA
chr15	1E+08	1E+08	T	A	ncRNA_exonic	DNM1P46	NA	NA	NA	rs200691929	NA
chr15	1E+08	1E+08	A	G	ncRNA_exonic	DNM1P46	NA	NA	NA	rs2458579	NA
chr15	1.02E+08	1.02E+08	G	A	ncRNA_exonic	FAM138E	NA	NA	NA	NA	NA
chr15	1.03E+08	1.03E+08	C	G	ncRNA_exonic	WASH3P	NA	NA	NA	rs7350147	NA
chr15	1.03E+08	1.03E+08	C	T	ncRNA_exonic	WASH3P	NA	NA	NA	rs1045862	NA
chr16	332904	332912	CCCTGCTC	-	UTR3	ARHGDI3	NA	NA	NA	rs147027565	NA
chr16	332992	332992	T	C	UTR3	ARHGDI3	NA	NA	NA	rs443338	NA
chr16	442014	442014	G	A	ncRNA_exonic	LOC100134368	NA	NA	NA	rs57899228	NA
chr16	678121	678121	A	C	UTR3	RAB40C	NA	NA	NA	NA	NA
chr16	678133	678133	A	G	UTR3	RAB40C	NA	NA	NA	NA	NA
chr16	781633	781633	G	A	exonic	NARFL	synonymous SNV	NARFL:NM_022493:exon9:c.C966T;p.H322H =COSM1178439;OCCURENCE=1(prostat	rs3829492	NA	NA

chr16	1036768	1036768	G	A	UTR3	SOX8	NA	NA	NA	NA	NA
chr16	1036795	1036795	A	T	UTR3	SOX8	NA	NA	NA	NA	NA
chr16	1115843	1115846	GGCA	-	ncRNA_exonic	SSTR5-AS1	NA	NA	NA	rs143173222	NA
chr16	1116220	1116220	-	G	ncRNA_exonic	SSTR5-AS1	NA	NA	NA	rs113450650	NA
chr16	1139446	1139446	G	T	UTR3	C1QTNF8	NA	NA	NA	rs183188	NA
chr16	1290700	1290700	A	G	UTR5	TPSAB1	NA	NA	NA	rs202022651	NA
chr16	1291454	1291454	G	A	exonic	TPSAB1	nonsynonymous SNV	TPSAB1:NM_003294:exon4:c.G253A:p.A85T	NA	rs1141968	B
chr16	1292425	1292425	T	C	UTR3	TPSAB1	NA	NA	NA	rs67723611	NA
chr16	1448690	1448690	A	C	UTR3	UNKL	NA	NA	NA	NA	NA
chr16	1608082	1608082	A	G	exonic	IFT140	synonymous SNV	IFT140:NM_014714:exon19:c.T2253C:p.P751P	rs2076436	rs148006;OCCURENCE=1(stomac	NA
chr16	1843672	1843672	T	C	UTR5	IGFALS	NA	NA	NA	rs3817902	NA
chr16	1912021	1912021	T	G	exonic	MEIOB	nonsynonymous SNV	MEIOB:NM_001163560:exon4:c.A224C:p.K75T,MEIOB:NM_152764:exon4:c.A22	NA	rs1657125	NA
chr16	1962132	1962132	G	A	exonic	HS3ST6	nonsynonymous SNV	HS3ST6:NM_001009606:exon2:c.C395T:p.A132V	NA	rs8055325	NA
chr16	2004119	2004119	C	T	exonic	RPL3L	nonsynonymous SNV	RPL3L:NM_005061:exon2:c.G34A:p.G12R	NA	rs146294352	P
chr16	2031405	2031405	T	C	UTR5	NOXO1	NA	NA	NA	rs56268858	NA
chr16	2088407	2088417	CCCTTCCCC	-	UTR3	SLC9A3R2	NA	NA	NA	NA	NA
chr16	2391186	2391186	C	G	ncRNA_exonic	ABCA17P	NA	NA	NA	NA	NA
chr16	2508255	2508255	T	-	UTR3	CCNF	NA	NA	NA	NA	NA
chr16	2821114	2821114	T	C	UTR3	SRRM2	NA	NA	NA	NA	NA
chr16	2902840	2902840	-	G	UTR3	PRSS22	NA	NA	NA	rs145631527	NA
chr16	3078416	3078416	-	G	exonic	CCDC64B	frameshift insertion	CCDC64B:NM_001103175:exon8:c.1292_1293insC:p.L431fs	NA	NA	NA
chr16	3304654	3304654	T	C	exonic	MEFV	synonymous SNV	MEFV:NM_000243:exon2:c.A414G:p.G138G	NA	rs224224	NA
chr16	3726074	3726074	G	C	exonic	TRAP1	synonymous SNV	TRAP1:NM_001272049:exon6:c.C618G:p.S206S,TRAP1:NM_016292:exon7:c.C77	NA	rs61753377	NA
chr16	3726075	3726075	G	A	exonic	TRAP1	nonsynonymous SNV	TRAP1:NM_001272049:exon6:c.C617T:p.S206F,TRAP1:NM_016292:exon7:c.C77	NA	rs61753378	B
chr16	4626026	4626026	G	A	exonic	C16orf96	synonymous SNV	C16orf96:NM_001145011:exon5:c.G1545A:p.K515K	NA	NA	NA
chr16	4626031	4626031	T	G	exonic	C16orf96	nonsynonymous SNV	C16orf96:NM_001145011:exon5:c.T1550G:p.V517G	NA	NA	NA
chr16	4751045	4751045	C	T	exonic	ANKS3	nonsynonymous SNV	ANKS3:NM_001242929:exon8:c.G889A:p.A297T,ANKS3:NM_133450:exon11:c.G12	rs863980	rs148013;OCCURENCE=1(stomac	B
chr16	4752134	4752134	A	G	exonic	ANKS3	synonymous SNV	ANKS3:NM_001242929:exon6:c.T657C:p.D219D,ANKS3:NM_133450:exon9:c.T97	NA	rs841210	NA
chr16	4777071	4777071	A	C	exonic	ANKS3	nonsynonymous SNV	ANKS3:NM_133450:exon4:c.T278G:p.V93G	NA	NA	D
chr16	5067196	5067196	A	G	UTR3	SEC14L5	NA	NA	NA	NA	NA
chr16	5067198	5067198	T	G	UTR3	SEC14L5	NA	NA	NA	NA	NA
chr16	5068586	5068586	T	C	UTR3	SEC14L5	NA	NA	NA	rs2270257	NA
chr16	7761230	7761231	AA	-	UTR3	RBFOX1	NA	NA	NA	NA	NA
chr16	8889470	8889470	T	C	UTR3	TMEM186	NA	NA	NA	NA	NA
chr16	9211118	9211118	T	-	UTR3	C16orf72	NA	NA	NA	rs34120073	NA
chr16	9916204	9916204	C	G	exonic	GRIN2A	synonymous SNV	GRIN2A:NM_001134408:exon10:c.G2085C:p.R695R,GRIN2	NA	rs9806806	NA
chr16	10524657	10524659	GAC	-	exonic	ATF7IP2	nonframeshift deletion	ATF7IP2:NM_001256160:exon4:c.18	NA	rs56252625	NA
chr16	10565979	10565981	TGT	-	exonic	ATF7IP2	nonframeshift deletion	ATF7IP2:NM_001256160:exon9:c.13	NA	NA	NA
chr16	10625175	10625175	G	A	UTR3	EMP2	NA	NA	NA	rs10459782	NA
chr16	10625606	10625613	ATGAATGA	-	UTR3	EMP2	NA	NA	NA	rs149380057	NA
chr16	10626608	10626608	C	T	UTR3	EMP2	NA	NA	NA	rs12930183	NA
chr16	10626615	10626615	C	T	UTR3	EMP2	NA	NA	NA	rs12930185	NA
chr16	12897610	12897610	A	C	exonic	CPPED1	synonymous SNV	CPPED1:NM_001099455:exon1:c.T24G:p.G8G,CPPED1:NM_018340:exon1:c.T2	NA	NA	NA
chr16	13333322	13333322	T	A	UTR3	SHISA9	NA	NA	NA	rs202142648	NA
chr16	14529754	14529755	CA	-	UTR3	PARN	NA	NA	NA	NA	NA
chr16	15166891	15166891	T	C	exonic	RRN3	nonsynonymous SNV	RRN3:NM_018427:exon12:c.A1044G:p.I348M	NA	rs2941256	B
chr16	16367678	16367678	T	C	exonic	NOMO3	synonymous SNV	NOMO3:NM_001004067:exon19:c.T2187C:p.G729G	NA	rs11554237	NA
chr16	18839362	18839362	T	C	exonic	SMG1	synonymous SNV	SMG1:NM_015092:exon55:c.A9732G:p.A3244A	NA	rs12445870	NA
chr16	19278429	19278429	-	A	UTR3	SYT17	NA	NA	NA	rs11379176	NA
chr16	19563849	19563850	AA	-	UTR3	CCP110	NA	NA	NA	rs148157558	NA
chr16	20746239	20746239	G	C	UTR3	THUMPD1	NA	NA	NA	rs67088894	NA
chr16	20748331	20748331	C	A	exonic	THUMPD1	nonsynonymous SNV	THUMPD1:NM_017736:exon4:c.G933T:p.E311D	NA	rs11074471	NA
chr16	21078693	21078693	T	G	exonic	DNAH3	synonymous SNV	DNAH3:NM_017539:exon24:c.A3429C:p.A1143A	NA	rs861424	NA
chr16	21191548	21191548	C	T	UTR3	TMEM159	NA	NA	NA	NA	NA
chr16	21329340	21329351	CACACACA	-	ncRNA_exonic	CRYM-AS1	NA	NA	NA	rs147884336	NA
chr16	21513228	21513228	G	A	ncRNA_exonic	LOC100271836	NA	NA	NA	rs62047609	NA
chr16	22299310	22299313	TTTT	-	UTR3	EEF2K	NA	NA	NA	NA	NA
chr16	22546421	22546421	A	G	exonic	LOC100132247	nonsynonymous SNV	LOC100132247:NM_001135865:exon7:c.A2117G:p.Q706R	NA	NA	NA
chr16	23598584	23598584	C	T	exonic	NDUFAB1	synonymous SNV	NDUFAB1:NM_005003:exon2:c.G225A:p.T75T	NA	rs139679834	NA
chr16	24230566	24230566	-	TTTTG	UTR3	PRKCB	NA	NA	NA	NA	NA
chr16	24230976	24230976	A	-	UTR3	PRKCB	NA	NA	NA	rs200055220	NA
chr16	24230979	24230983	ACACA	-	UTR3	PRKCB	NA	NA	NA	NA	NA
chr16	24836091	24836091	A	-	UTR3	TNRC6A	NA	NA	NA	NA	NA
chr16	25250586	25250587	AA	-	UTR3	ZKSCAN2	NA	NA	NA	NA	NA
chr16	28332504	28332521	CACACACA	-	UTR3	SBK1	NA	NA	NA	rs67770198	NA
chr16	28875215	28875223	CCGCCGCC	-	UTR5	SH2B1	NA	NA	NA	rs138146565	NA

chr16	28877938	28877938	A	G	exonic	SH2B1	nonsynonymous SNV	:p.T175A,SH2B1:NM_001145796:exon2:c.A523G;p.T175A,SH2B1:NM_001145796:exon2:c.A523G	NA	rs181294111	B
chr16	28877949	28877949	T	C	exonic	SH2B1	synonymous SNV	:p.P178P,SH2B1:NM_001145796:exon2:c.T534C;p.P178P,SH2B1:NM_001145796:exon2:c.T534C	NA	NA	NA
chr16	28877991	28877991	A	C	exonic	SH2B1	synonymous SNV	:p.P192P,SH2B1:NM_001145796:exon2:c.A576C;p.P192P,SH2B1:NM_001145796:exon2:c.A576C	NA	NA	NA
chr16	29562570	29562570	C	A	ncRNA_exonic	LOC440354	NA	NA	NA	rs200496369	NA
chr16	29576811	29576811	A	G	ncRNA_exonic	LOC440354	NA	NA	NA	rs201149124	NA
chr16	29679738	29679741	TGAA	-	UTR3	SPN	NA	NA	NA	rs10537821	NA
chr16	29681197	29681197	-	A	UTR3	SPN	NA	NA	NA	rs112370778	NA
chr16	29706379	29706379	C	T	exonic	QPRT	synonymous SNV	QPRT:NM_014298:exon2:c.C408T;p.G136G	NA	rs113148463	NA
chr16	29819087	29819087	C	G	exonic	MAZ	synonymous SNV	MAZ:NM_002383:exon2:c.C981G;p.R327R,MAZ:NM_002383:exon2:c.C981G	NA	NA	NA
chr16	29827029	29827029	C	G	UTR3	PRRT2	NA	NA	NA	NA	NA
chr16	30581031	30581031	C	A	UTR3	ZNF688	NA	NA	NA	NA	NA
chr16	30581051	30581051	T	G	UTR3	ZNF688	NA	NA	NA	NA	NA
chr16	30592781	30592781	A	-	UTR3	ZNF785	NA	NA	NA	NA	NA
chr16	30593451	30593451	G	T	UTR3	ZNF785	NA	NA	NA	NA	NA
chr16	31003963	31003963	G	-	UTR3	STX1B	NA	NA	NA	rs67009097	NA
chr16	31092888	31092888	A	G	exonic	ZNF646	nonsynonymous SNV	ZNF646:NM_014699:exon2:c.A5243G;p.E1748G	NA	NA	P
chr16	31092899	31092899	C	G	exonic	ZNF646	nonsynonymous SNV	ZNF646:NM_014699:exon2:c.C5254G;p.R1752G	NA	NA	D
chr16	31092933	31092933	G	C	exonic	ZNF646	nonsynonymous SNV	ZNF646:NM_014699:exon2:c.G5288C;p.C1763S	NA	NA	D
chr16	46602819	46602819	C	T	ncRNA_exonic	ANKRD26P1	NA	NA	NA	rs12934443	NA
chr16	46693621	46693621	-	A	UTR3	VPS35	NA	NA	NA	rs34926621	NA
chr16	46694101	46694101	G	T	UTR3	VPS35	NA	NA	NA	rs199765664	NA
chr16	46694103	46694103	G	T	UTR3	VPS35	NA	NA	NA	rs808078	NA
chr16	46773999	46773999	C	A	exonic	MYLK3	nonsynonymous SNV	MYLK3:NM_182493:exon2:c.G538T;p.V180L	4148070,COSM148071;OCCURENCE=1(	rs28407821	D
chr16	46836143	46836143	T	-	UTR3	C16orf87	NA	NA	NA	NA	NA
chr16	47732497	47732497	C	A	exonic	PHKB	nonsynonymous SNV	PHKB:NM_001031835:exon31:c.C31293:exon30:c.C3142A;p.Q1048K,PHKB:NM_001031835:exon31:c.C31293:exon30:c.C3142A	NA	NA	P
chr16	48258198	48258198	C	T	exonic	ABCC11	nonsynonymous SNV	ABCC11:NM_032583:exon5:c.G538A;p.G180R,ABCC11:NM_032583:exon5:c.G538A	NA	rs17822931	D
chr16	50264211	50264211	-	A	UTR3	PAPD5	NA	NA	NA	rs34413257	NA
chr16	53504029	53504029	C	T	exonic	RBL2	nonsynonymous SNV	RBL2:NM_005611:exon15:c.C2177T;p.T726I	NA	NA	D
chr16	55794514	55794514	C	T	ncRNA_exonic	CES1P1	NA	NA	NA	rs7199449	NA
chr16	55862691	55862691	G	A	exonic	CES1	nonsynonymous SNV	CES1:NM_001025195:exon2:c.C248T;p.S83L,CES1:NM_001025195:exon2:c.C248T	NA	rs62028647	D
chr16	55862717	55862717	T	C	exonic	CES1	synonymous SNV	CES1:NM_001025195:exon2:c.A222G;p.P74P,CES1:NM_001025195:exon2:c.A222G	NA	rs76828834	NA
chr16	55862720	55862720	T	C	exonic	CES1	synonymous SNV	CES1:NM_001025195:exon2:c.A219G;p.E73E,CES1:NM_001025195:exon2:c.A219G	NA	rs74019278	NA
chr16	55862762	55862762	C	G	exonic	CES1	synonymous SNV	CES1:NM_001025195:exon2:c.G177C;p.P59P,CES1:NM_001025195:exon2:c.G177C	NA	rs35384853	NA
chr16	56509445	56509445	A	T	exonic	OGFOD1	nonsynonymous SNV	OGFOD1:NM_018233:exon12:c.A1435T;p.T479S	NA	NA	D
chr16	56509452	56509452	A	T	exonic	OGFOD1	nonsynonymous SNV	OGFOD1:NM_018233:exon12:c.A1442T;p.Y481F	NA	NA	D
chr16	56510842	56510842	G	C	UTR3	OGFOD1	NA	NA	NA	rs111625702	NA
chr16	56691866	56691866	T	C	UTR5	MT1F	NA	NA	NA	NA	NA
chr16	56966071	56966071	T	G	UTR5	HERPUD1	NA	NA	NA	rs37024	NA
chr16	57398718	57398718	-	T	UTR3	CCL22	NA	NA	NA	rs34460030	NA
chr16	58054465	58054465	-	CTCT	UTR3	USB1	NA	NA	NA	rs112874007	NA
chr16	58315899	58315899	A	C	UTR3	CCDC113	NA	NA	NA	NA	NA
chr16	58546850	58546850	C	T	UTR3	NDRG4	NA	NA	NA	NA	NA
chr16	58553551	58553551	A	-	UTR3	SETD6	NA	NA	NA	NA	NA
chr16	67200249	67200249	T	G	exonic	HSF4	nonsynonymous SNV	HSF4:NM_001040667:exon7:c.T512G;p.V171G,HSF4:NM_001040667:exon7:c.T512G	NA	rs201403716	D
chr16	67200252	67200252	T	G	exonic	HSF4	nonsynonymous SNV	HSF4:NM_001040667:exon7:c.T515G;p.V172G,HSF4:NM_001040667:exon7:c.T515G	NA	NA	D
chr16	68599864	68599864	-	A	UTR3	ZFP90	NA	NA	NA	NA	NA
chr16	68849519	68849519	C	A	exonic	CDH1	synonymous SNV	CDH1:NM_004360:exon10:c.C1422A;p.T474T	NA	NA	NA
chr16	69341282	69341282	T	-	UTR3	SNTB2	NA	NA	NA	rs71752949	NA
chr16	69341695	69341695	A	-	UTR3	SNTB2	NA	NA	NA	rs200699081	NA
chr16	69385641	69385641	A	G	exonic	TMED6	nonsynonymous SNV	TMED6:NM_144676:exon1:c.T16C;p.F6L	NA	rs76116020	B
chr16	69599088	69599088	-	\AAAAAAA	upstream;downstream	NFAT5;MIR1538	NA	NA	NA	NA	NA
chr16	70164334	70164334	A	G	exonic	PDPR	nonsynonymous SNV	PDPR:NM_017990:exon7:c.A616G;p.I206V	NA	rs10852462	NA
chr16	70182375	70182375	T	C	exonic	PDPR	synonymous SNV	PDPR:NM_017990:exon17:c.T1971C;p.S657S	NA	rs11548413	NA
chr16	70182390	70182390	T	G	exonic	PDPR	nonsynonymous SNV	PDPR:NM_017990:exon17:c.T1986G;p.N662K	NA	rs62050978	NA
chr16	70506907	70506907	T	C	exonic	FUK	synonymous SNV	FUK:NM_145059:exon15:c.T1428C;p.P476P	NA	rs7192865	NA
chr16	70569215	70569215	A	T	exonic	SF3B3	synonymous SNV	SF3B3:NM_012426:exon6:c.A717T;p.P239P	NA	rs33910368	NA
chr16	70609852	70609852	T	C	UTR3	SF3B3	NA	NA	NA	rs2168606	NA
chr16	70609997	70609997	A	T	UTR3	SF3B3	NA	NA	NA	rs79714557	NA
chr16	70721428	70721429	AC	-	UTR3	VAC14	NA	NA	NA	rs3833084	NA
chr16	71981414	71981414	-	TTTG	exonic	PKD1L3	unknown	UNKNOWN	NA	rs149635567	NA
chr16	72820141	72820141	T	-	UTR3	ZFH3	NA	NA	NA	NA	NA
chr16	72820315	72820315	T	-	UTR3	ZFH3	NA	NA	NA	rs199690302	NA
chr16	72820938	72820938	-	T	UTR3	ZFH3	NA	NA	NA	NA	NA
chr16	74452071	74452071	G	A	exonic	CLEC18B	synonymous SNV	CLEC18B:NM_001011880:exon3:c.C342T;p.P114P	NA	rs62056016	NA
chr16	74655597	74655597	-	T	UTR3	RFWD3	NA	NA	NA	NA	NA
chr16	74907485	74907485	T	-	UTR3	WDR59	NA	NA	NA	rs34150235	NA

chr16	74920191	74920191	G	A	exonic	WDR59	synonymous SNV	WDR59:NM_030581:exon24:c.C2523T:p.R841R	NA	rs14308	NA
chr16	75327916	75327916	A	G	exonic	CFDP1	synonymous SNV	CFDP1:NM_006324:exon7:c.T834C:p.L278L	NA	rs6624	NA
chr16	75565219	75565219	A	-	UTR5	CHST5	NA	NA	NA	NA	NA
chr16	77228764	77228764	C	T	exonic	MON1B	synonymous SNV	MON1B:NM_014940:exon4:c.C1008T:p.F336F	NA	NA	NA
chr16	77316803	77316803	C	T	UTR3	ADAMTS18	NA	NA	NA	rs28385461	NA
chr16	77316803	77316803	-	TCTT	UTR3	ADAMTS18	NA	NA	NA	NA	NA
chr16	81253759	81253759	A	G	exonic	PKD1L2	nonsynonymous SNV	PKD1L2:NM_001076780:exon1:c.T217C:p.W73R	NA	rs9924371	B
chr16	81253917	81253917	A	G	exonic	PKD1L2	nonsynonymous SNV	PKD1L2:NM_001076780:exon1:c.T59C:p.V20A	NA	rs9924530	B
chr16	82203742	82203742	T	C	exonic	MPHOSPH6	synonymous SNV	MPHOSPH6:NM_005792:exon1:c.A39G:p.L13L	NA	rs1134847	NA
chr16	82203758	82203758	C	T	exonic	MPHOSPH6	nonsynonymous SNV	MPHOSPH6:NM_005792:exon1:c.G23A:p.R8K	NA	rs2303262	B
chr16	82203768	82203768	G	T	exonic	MPHOSPH6	synonymous SNV	MPHOSPH6:NM_005792:exon1:c.C13A:p.R5R	NA	rs2303261	NA
chr16	82203786	82203786	C	G	UTR5	MPHOSPH6	NA	NA	NA	rs2303260	NA
chr16	84203833	84203833	A	C	exonic	DNAAF1	nonsynonymous SNV	DNAAF1:NM_178452:exon8:c.A1399C:p.T467P	NA	NA	P
chr16	84203862	84203862	A	G	exonic	DNAAF1	synonymous SNV	DNAAF1:NM_178452:exon8:c.A1428G:p.S476S	NA	NA	NA
chr16	84522897	84522897	G	C	exonic	TLDC1	nonsynonymous SNV	TLDC1:NM_020947:exon4:c.C516G:p.D172E	=COSM1128850;OCCURENCE=1(prostat	rs436278	B
chr16	85125545	85125546	TT	-	UTR3	KIAA0513	NA	NA	NA	NA	NA
chr16	85707085	85707085	A	-	UTR3	GSE1	NA	NA	NA	NA	NA
chr16	87493737	87493737	T	C	exonic	ZCCHC14	nonsynonymous SNV	ZCCHC14:NM_015144:exon2:c.A160G:p.I54V	NA	rs11648852	NA
chr16	87723838	87723838	T	C	exonic	JPH3	synonymous SNV	JPH3:NM_020655:exon4:c.T1872C:p.H624H	NA	rs34767155	NA
chr16	88497394	88497394	T	C	exonic	ZNF469	synonymous SNV	ZNF469:NM_001127464:exon2:c.T3432C:p.R1144R	NA	rs111557381	NA
chr16	88947735	88947735	G	A	exonic	CBFA2T3	nonsynonymous SNV	1_175931:exon8:c.C1108T:p.R370C, CBFA2T3:NM_005187:exon9:c.C13	NA	rs202023439	P
chr16	89259993	89259993	A	G	exonic	CDH15	synonymous SNV	CDH15:NM_004933:exon12:c.A1971G:p.Q657Q	NA	rs3815615	NA
chr16	89777761	89777761	C	T	exonic	VPS9D1	synonymous SNV	VPS9D1:NM_004913:exon9:c.G807A:p.V269V	NA	rs12920315	NA
chr16	90061629	90061629	T	C	ncRNA_exonic	AFG3L1P	NA	NA	NA	NA	NA
chr16	90095573	90095573	C	T	exonic	C16orf3	nonsynonymous SNV	C16orf3:NM_001214:exon1:c.G178A:p.V60I	NA	rs77382359	NA
chr16	90095582	90095582	T	C	exonic	C16orf3	nonsynonymous SNV	C16orf3:NM_001214:exon1:c.A169G:p.S57G	NA	rs62640380	NA
chr16	90095596	90095596	A	G	exonic	C16orf3	nonsynonymous SNV	C16orf3:NM_001214:exon1:c.T155C:p.I52T	NA	rs55742939	NA
chr16	90095597	90095597	T	C	exonic	C16orf3	nonsynonymous SNV	C16orf3:NM_001214:exon1:c.A154G:p.I52V	NA	rs61118444	NA
chr16	90095620	90095620	A	G	exonic	C16orf3	nonsynonymous SNV	C16orf3:NM_001214:exon1:c.T131C:p.V44A	NA	rs61740023	NA
chr17	263367	263367	A	T	exonic	C17orf97	nonsynonymous SNV	C17orf97:NM_001013672:exon2:c.A733T:p.I245F	NA	rs35400518	B
chr17	263387	263387	T	C	exonic	C17orf97	synonymous SNV	C17orf97:NM_001013672:exon2:c.T753C:p.A251A	NA	rs34825436	NA
chr17	292322	292324	AAA	-	UTR3	FAM101B	NA	NA	NA	NA	NA
chr17	1326755	1326755	A	-	UTR3	CRK	NA	NA	NA	NA	NA
chr17	1373612	1373612	C	T	exonic	MYO1C	nonsynonymous SNV	3A:p.V795I, MYO1C:NM_001080950:exon24:c.G2326A:p.V776I, MYO1C	NA	rs8081370	NA
chr17	1606883	1606883	T	G	UTR3	TLCD2	NA	NA	NA	rs8068949	NA
chr17	1607517	1607517	-	A	UTR3	TLCD2	NA	NA	NA	NA	NA
chr17	1609930	1609930	G	A	UTR3	TLCD2	NA	NA	NA	rs4790808	NA
chr17	1960044	1960044	C	A	exonic	HIC1	nonsynonymous SNV	v1_001098202:exon2:c.C117A:p.N39K, HIC1:NM_006497:exon2:c.C60A	NA	NA	B
chr17	2287891	2287891	-	GTGTGT	UTR3	MNT	NA	NA	NA	NA	NA
chr17	2310332	2310332	G	A	ncRNA_exonic	LOC284009	NA	NA	NA	rs74415860	NA
chr17	2883588	2883588	C	A	exonic	RAP1GAP2	nonsynonymous SNV	_001100398:exon8:c.C559A:p.L187M, RAP1GAP2:NM_015085:exon9:c.	NA	rs17762452	NA
chr17	2929392	2929392	G	A	exonic	RAP1GAP2	synonymous SNV	01100398:exon19:c.G1797A:p.P599P, RAP1GAP2:NM_015085:exon20:c.C117A:p.N39K, HIC1:NM_006497:exon2:c.C60A	NA	rs55904912	NA
chr17	2940848	2940851	AGTG	-	UTR3	RAP1GAP2	NA	NA	NA	NA	NA
chr17	3343406	3343406	G	A	UTR3	SPATA22	NA	NA	NA	rs2257732	NA
chr17	3352294	3352294	A	G	exonic	SPATA22	nonsynonymous SNV	4_001170697:exon6:c.T479C:p.I160T, SPATA22:NM_001170698:exon6:c.	NA	rs1488689	B
chr17	3352331	3352331	C	T	exonic	SPATA22	nonsynonymous SNV	001170697:exon6:c.G442A:p.V148M, SPATA22:NM_001170698:exon6:c.	NA	rs1488690	B
chr17	3445901	3445901	T	G	exonic	TRPV3	synonymous SNV	4_001258205:exon6:c.A558C:p.I186I, TRPV3:NM_145068:exon6:c.A55I	NA	rs11078458	NA
chr17	3627473	3627473	C	T	exonic	GSG2	nonsynonymous SNV	GSG2:NM_031965:exon1:c.C244T:p.R82C	NA	rs9907144	D
chr17	4066687	4066687	G	-	UTR3	ANKFY1	NA	NA	NA	rs11307002	NA
chr17	5037195	5037195	G	A	exonic	USP6	nonsynonymous SNV	USP6:NM_004505:exon7:c.G398A:p.R133K	NA	rs74900103	NA
chr17	5288983	5288983	T	C	UTR3	RABEP1	NA	NA	NA	rs7426	NA
chr17	6328628	6328628	T	-	UTR3	AIPL1	NA	NA	NA	NA	NA
chr17	6350949	6350949	A	C	exonic	FAM64A	nonsynonymous SNV	_001195228:exon3:c.A461C:p.D154A, FAM64A:NM_019013:exon3:c.A4	NA	NA	B
chr17	6355187	6355187	A	C	UTR3	PITPNM3	NA	NA	NA	NA	NA
chr17	6355210	6355210	G	C	UTR3	PITPNM3	NA	NA	NA	NA	NA
chr17	6556194	6556194	-	AGAAG	UTR3	C17orf100	NA	NA	NA	rs144808411	NA
chr17	6690858	6690858	-	T	UTR3	FBXO39	NA	NA	NA	NA	NA
chr17	6983433	6983433	C	T	UTR5	CLEC10A	NA	NA	NA	rs148814818	NA
chr17	7093397	7093397	A	-	UTR3	DLG4	NA	NA	NA	rs5819149	NA
chr17	7097648	7097648	T	G	exonic	DLG4	nonsynonymous SNV	01128827:exon12:c.A1459C:p.S487R, DLG4:NM_001365:exon14:c.A15	NA	NA	NA
chr17	7215397	7215397	A	G	UTR3	EIF5A	NA	NA	NA	NA	NA
chr17	7475159	7475159	A	T	ncRNA_UTR3	SEN3	NA	NA	NA	rs1133249	NA
chr17	7482019	7482019	A	-	ncRNA_exonic	SEN3-EIF4A1	NA	NA	NA	NA	NA
chr17	7658285	7658285	A	-	ncRNA_exonic	RPL29P2	NA	NA	NA	NA	NA
chr17	7750178	7750183	ACCACC	-	exonic	KDM6B	nonframeshift deletion	KDM6B:NM_001080424:exon9:c.753_758del:p.251_253del	NA	NA	NA
chr17	7751859	7751864	CACCAC	-	exonic	KDM6B	nonframeshift deletion	KDM6B:NM_001080424:exon11:c.2253_2258del:p.751_753del	NA	NA	NA

chr17	7757725	7757725	-	A	UTR3	KDM6B	NA	NA	NA	rs112843870	NA
chr17	7942901	7942901	C	G	exonic	ALOX15B	synonymous SNV	5G:p.T115T,ALOX15B:NM_001039131:exon2:c.C345G:p.T115T,ALOX15	NA	rs76589243	NA
chr17	8064081	8064081	-	G	UTR3	VAMP2	NA	NA	NA	NA	NA
chr17	8173199	8173199	T	-	UTR3	PFAS	NA	NA	NA	NA	NA
chr17	8173767	8173767	C	T	UTR3	PFAS	NA	NA	NA	rs1132554	NA
chr17	8215408	8215408	T	C	exonic	ARHGEF15	synonymous SNV	:NM_025014:exon2:c.T51C:p.P17P,ARHGEF15:NM_173728:exon2:c.T5	NA	NA	NA
chr17	8215425	8215425	G	C	exonic	ARHGEF15	nonsynonymous SNV	:NM_025014:exon2:c.G68C:p.R23P,ARHGEF15:NM_173728:exon2:c.G	NA	NA	P
chr17	8633310	8633310	C	T	UTR3	CCDC42	NA	NA	NA	rs1971773	NA
chr17	10618236	10618236	-	AA	UTR3	TMEM220	NA	NA	NA	NA	NA
chr17	12668632	12668632	A	-	UTR3	MYOCD	NA	NA	NA	rs200654104	NA
chr17	15531723	15531723	A	-	UTR3	TRIM16	NA	NA	NA	NA	NA
chr17	15622453	15622453	A	-	UTR3	ZNF286A	NA	NA	NA	NA	NA
chr17	16285320	16285320	G	A	exonic	UBB	synonymous SNV	UBB:NM_018955:exon2:c.G99A:p.K33K	NA	NA	NA
chr17	16842912	16842912	A	G	exonic	TNFRSF13B	synonymous SNV	TNFRSF13B:NM_012452:exon5:c.T831C:p.S277S	NA	rs11078355	NA
chr17	16979078	16979078	G	T	exonic	MPRIP	nonsynonymous SNV	IM_015134:exon2:c.G178T:p.D60Y,MPRIP:NM_201274:exon2:c.G178T	NA	NA	NA
chr17	17115873	17115873	T	G	UTR3	FLCN	NA	NA	NA	NA	NA
chr17	18024013	18024013	A	G	exonic	MYO15A	synonymous SNV	MYO15A:NM_016239:exon2:c.A1899G:p.P633P	NA	rs2955366	NA
chr17	18327352	18327352	C	T	ncRNA_exonic	LOC339240	NA	NA	NA	rs3869522	NA
chr17	18573286	18573288	TTG	-	ncRNA_exonic	FOXO3B	NA	NA	NA	rs200452589	NA
chr17	18682505	18682505	T	C	exonic	FBXW10	nonsynonymous SNV	267586:exon13:c.T2894C:p.V965A,FBXW10:NM_001267585:exon14:c.)=COSM436168;OCCURENCE=1(prostat	rs1024657	B	
chr17	18682632	18682632	A	G	UTR3	FBXW10	NA	NA	NA	rs2014354	NA
chr17	18694277	18694277	G	A	exonic	TVP23B	nonsynonymous SNV	TVP23B:NM_016078:exon3:c.G164A:p.G55E	NA	rs61075345	B
chr17	20163529	20163529	A	G	exonic	SPECC1	synonymous SNV	p.A873A,SPECC1:NM_001033553:exon12:c.A2862G:p.A954A,SPECC1:l	NA	rs2703791	NA
chr17	20768134	20768134	C	T	UTR3	CCDC144NL	NA	NA	NA	rs201667905	NA
chr17	20768143	20768143	G	A	UTR3	CCDC144NL	NA	NA	NA	NA	NA
chr17	20768314	20768314	A	G	UTR3	CCDC144NL	NA	NA	NA	rs77283162	NA
chr17	20768333	20768333	G	A	UTR3	CCDC144NL	NA	NA	NA	rs113358321	NA
chr17	20768342	20768342	A	C	UTR3	CCDC144NL	NA	NA	NA	rs75123357	NA
chr17	20768390	20768390	C	A	UTR3	CCDC144NL	NA	NA	NA	rs146578750	NA
chr17	20768608	20768608	G	A	UTR3	CCDC144NL	NA	NA	NA	rs4347684	NA
chr17	21117837	21117837	T	C	UTR5	TMEM11	NA	NA	NA	rs4985988	NA
chr17	21203964	21203964	C	G	exonic	MAP2K3	synonymous SNV	IM_002756:exon4:c.C186G:p.A62A,MAP2K3:NM_145109:exon4:c.C27;OCCURENCE=1(haematopoietic_and_l	rs34458870	NA	
chr17	21204290	21204290	G	C	exonic	MAP2K3	synonymous SNV	V_002756:exon5:c.G297C:p.G99G,MAP2K3:NM_145109:exon5:c.G384;OCCURENCE=2(haematopoietic_and_l	rs2305872	NA	
chr17	21207834	21207834	C	T	exonic	MAP2K3	nonsynonymous SNV	V_002756:exon8:c.C578T:p.T193M,MAP2K3:NM_145109:exon8:c.C66	NA	rs58609466	D
chr17	21217727	21217727	T	C	UTR3	MAP2K3	NA	NA	NA	rs2363370	NA
chr17	21217764	21217764	G	A	UTR3	MAP2K3	NA	NA	NA	rs2363192	NA
chr17	21311916	21311916	C	T	UTR5	KCNJ12,KCNJ18	NA	NA	NA	rs1657716	NA
chr17	21311940	21311940	T	C	UTR5	KCNJ12,KCNJ18	NA	NA	NA	rs1714903	NA
chr17	21319407	21319407	C	T	exonic	KCNJ12,KCNJ18	synonymous SNV	V_001194958:exon3:c.C753T:p.I251I,KCNJ12:NM_021012:exon3:c.C75	NA	rs16962951	NA
chr17	21319436	21319436	G	A	exonic	KCNJ12,KCNJ18	nonsynonymous SNV	_001194958:exon3:c.G782A:p.R261H,KCNJ12:NM_021012:exon3:c.G75 ID=COSM312197;OCCURENCE=1(lung)	rs77270326	P	
chr17	21319439	21319439	T	G	exonic	KCNJ12,KCNJ18	nonsynonymous SNV	1_001194958:exon3:c.T785G:p.I262S,KCNJ12:NM_021012:exon3:c.T75 ID=COSM312198;OCCURENCE=1(lung)	rs76684759	P	
chr17	21319452	21319452	G	A	exonic	KCNJ12,KCNJ18	synonymous SNV	_001194958:exon3:c.G798A:p.S266S,KCNJ12:NM_021012:exon3:c.G75	NA	rs73313929	NA
chr17	21319465	21319465	T	C	exonic	KCNJ12,KCNJ18	synonymous SNV	1_001194958:exon3:c.T811C:p.L271L,KCNJ12:NM_021012:exon3:c.T81 ID=COSM312199;OCCURENCE=1(lung)	rs77724065	NA	
chr17	21322607	21322607	-	GT	UTR3	KCNJ12	NA	NA	NA	NA	NA
chr17	21323033	21323033	C	T	UTR3	KCNJ12	NA	NA	NA	rs72842126	NA
chr17	21323034	21323034	G	A	UTR3	KCNJ12	NA	NA	NA	rs72842128	NA
chr17	21323049	21323049	C	T	UTR3	KCNJ12	NA	NA	NA	rs75724776	NA
chr17	25640280	25640280	-	T	UTR3	WSB1	NA	NA	NA	NA	NA
chr17	26206414	26206414	C	A	UTR3	LYRM9	NA	NA	NA	rs3751972	NA
chr17	26522009	26522009	-	CA	UTR3	NLK	NA	NA	NA	NA	NA
chr17	26653991	26653991	T	-	UTR3	TMEM97	NA	NA	NA	rs71748594	NA
chr17	27187789	27187789	C	T	UTR3	ERAL1	NA	NA	NA	rs6803	NA
chr17	28523383	28523383	T	-	UTR3	SLC6A4	NA	NA	NA	NA	NA
chr17	29302644	29302644	C	A	ncRNA_exonic	DPRXP4	NA	NA	NA	NA	NA
chr17	29644387	29644388	AC	-	UTR3	EVI2A	NA	NA	NA	rs111459872	NA
chr17	29862282	29862282	A	-	UTR3	RAB11FIP4	NA	NA	NA	rs35637322	NA
chr17	33307586	33307586	G	A	UTR5	LIG3	NA	NA	NA	rs12945428	NA
chr17	33448818	33448818	T	C	exonic	FNDC8	nonsynonymous SNV	FNDC8:NM_017559:exon1:c.T106C:p.S36P	NA	rs1871892	B
chr17	33881718	33881718	G	A	exonic	SLFN14	nonsynonymous SNV	SLFN14:NM_001129820:exon2:c.C1066T:p.P356S	NA	rs321613	NA
chr17	34151149	34151149	T	G	exonic	TAF15	synonymous SNV	V_003487:exon7:c.T543G:p.G181G,TAF15:NM_139215:exon7:c.T552G	NA	NA	NA
chr17	34151164	34151164	A	G	exonic	TAF15	synonymous SNV	V_003487:exon7:c.A558G:p.G186G,TAF15:NM_139215:exon7:c.A567C	NA	NA	NA
chr17	34195864	34195864	G	T	UTR5	C17orf66	NA	NA	NA	NA	NA
chr17	36715976	36715976	T	G	exonic	SRCIN1	nonsynonymous SNV	SRCIN1:NM_025248:exon10:c.A1870C:p.T624P	NA	NA	NA
chr17	36896661	36896661	C	T	UTR5	PCGF2	NA	NA	NA	rs182900980	NA
chr17	37366899	37366899	-	G	UTR3	STAC2	NA	NA	NA	rs35966204	NA
chr17	37367542	37367542	-	T	UTR3	STAC2	NA	NA	NA	NA	NA

chr17	37562812	37562812	-	T	UTR3	MED1	NA	NA	NA	rs11443056	NA
chr17	37761057	37761057	G	T	UTR3	NEUROD2	NA	NA	NA	NA	NA
chr17	37761061	37761061	G	T	UTR3	NEUROD2	NA	NA	NA	NA	NA
chr17	38028634	38028634	G	T	exonic	ZBP2	nonsynonymous SNV	IM_198844:exon4:c.G452T;p.S151I,ZBP2:NM_199321:exon5:c.G518T	NA	rs11557467	P
chr17	38133914	38133914	-	A	UTR3	GSDMA	NA	NA	NA	NA	NA
chr17	38175428	38175428	-	ACACAC	UTR3	MED24	NA	NA	NA	NA	NA
chr17	38510712	38510712	T	A	exonic	RARA	nonsynonymous SNV	_001024809:exon6:c.T951A;p.D317E,RARA:NM_000964:exon7:c.T966	NA	NA	D
chr17	38510716	38510716	G	C	exonic	RARA	nonsynonymous SNV	_001024809:exon6:c.G955C;p.A319P,RARA:NM_000964:exon7:c.G970	NA	NA	P
chr17	38510717	38510717	C	G	exonic	RARA	nonsynonymous SNV	_001024809:exon6:c.C956G;p.A319G,RARA:NM_000964:exon7:c.C971	NA	NA	P
chr17	38510719	38510719	G	A	exonic	RARA	nonsynonymous SNV	_001024809:exon6:c.G958A;p.E320K,RARA:NM_000964:exon7:c.G973	NA	NA	D
chr17	38974612	38974612	T	C	UTR3	KRT10	NA	NA	NA	rs1132367	NA
chr17	39211189	39211189	C	G	exonic	KRTAP2-2	nonsynonymous SNV	KRTAP2-2:NM_033032:exon1:c.G275C;p.C92S	NA	NA	NA
chr17	39240641	39240641	A	G	exonic	KRTAP4-7	synonymous SNV	KRTAP4-7:NM_033061:exon1:c.A183G;p.Q61Q	NA	NA	NA
chr17	39240653	39240653	T	C	exonic	KRTAP4-7	synonymous SNV	KRTAP4-7:NM_033061:exon1:c.T195C;p.C65C	NA	NA	NA
chr17	39395019	39395019	G	T	UTR3	KRTAP9-8	NA	NA	NA	rs74975222	NA
chr17	39727816	39727816	T	G	exonic	KRT9	synonymous SNV	KRT9:NM_000226:exon1:c.A429C;p.G143G	NA	rs8075921	NA
chr17	39728050	39728050	G	A	exonic	KRT9	synonymous SNV	KRT9:NM_000226:exon1:c.C195T;p.G65G	NA	rs8070680	NA
chr17	39958344	39958344	T	C	UTR3	LEPREL4	NA	NA	NA	rs1061843	NA
chr17	40023618	40023618	A	-	UTR3	ACLY	NA	NA	NA	NA	NA
chr17	40465437	40465437	T	A	UTR3	STAT3	NA	NA	NA	NA	NA
chr17	41031195	41031195	-	A	ncRNA_exonic	LINC00671	NA	NA	NA	NA	NA
chr17	41064988	41064995	TTTTAGAA	-	UTR3	G6PC	NA	NA	NA	rs71157674	NA
chr17	41120550	41120550	A	-	UTR3	PTGES3L	NA	NA	NA	rs71690436	NA
chr17	41133071	41133071	T	C	exonic	RUNDC1	nonsynonymous SNV	RUNDC1:NM_173079:exon1:c.T478C;p.W160R	NA	rs1708875	B
chr17	41181922	41181924	AAA	-	UTR3	RND2	NA	NA	NA	NA	NA
chr17	42266722	42266722	A	G	exonic	TMUB2	nonsynonymous SNV	3:p.E103G,TMUB2:NM_177441:exon2:c.A308G;p.E103G,TMUB2:NM_(	NA	NA	D
chr17	42266741	42266741	T	G	exonic	TMUB2	synonymous SNV	5:p.G109G,TMUB2:NM_177441:exon2:c.T327G;p.G109G,TMUB2:NM_(	NA	NA	NA
chr17	42747647	42747647	G	A	intronic	C17orf104	NA	NA	NA	rs199529649	NA
chr17	42747657	42747657	G	A	intronic	C17orf104	NA	NA	NA	NA	NA
chr17	42747947	42747947	A	C	intronic	C17orf104	NA	NA	NA	NA	NA
chr17	42876925	42876925	-	A	UTR3	GJC1	NA	NA	NA	NA	NA
chr17	42878302	42878302	A	-	UTR3	GJC1	NA	NA	NA	NA	NA
chr17	44412780	44412780	A	G	UTR3	ARL17A	NA	NA	NA	rs62073354	NA
chr17	44950122	44950122	T	C	exonic	WNT9B	nonsynonymous SNV	WNT9B:NM_003396:exon2:c.T317C;p.M106T	NA	rs4968281	NA
chr17	45214604	45214604	A	T	exonic	CDC27	nonsynonymous SNV	1114091:exon14:c.T1845A;p.H615Q,CDC27:NM_001256:exon14:c.T1	NA	rs75661039	NA
chr17	45214605	45214605	T	C	exonic	CDC27	nonsynonymous SNV	1114091:exon14:c.A1844G;p.H615R,CDC27:NM_001256:exon14:c.A1	NA	rs76926116	NA
chr17	45214643	45214643	A	C	exonic	CDC27	synonymous SNV	1114091:exon14:c.T1806G;p.V602V,CDC27:NM_001256:exon14:c.T1	NA	rs138020641	NA
chr17	45214682	45214682	A	G	exonic	CDC27	synonymous SNV	1114091:exon14:c.T1767C;p.H589H,CDC27:NM_001256:exon14:c.T1	NA	rs62075622	NA
chr17	45214690	45214690	G	A	exonic	CDC27	nonsynonymous SNV	1114091:exon14:c.C1759T;p.R587W,CDC27:NM_001256:exon14:c.C1	NA	rs74390782	NA
chr17	46669247	46669247	T	-	ncRNA_UTR3	HOXB5	NA	NA	NA	NA	NA
chr17	46802286	46802286	T	C	UTR3	HOXB13	NA	NA	NA	NA	NA
chr17	46802323	46802323	G	C	UTR3	HOXB13	NA	NA	NA	NA	NA
chr17	46802341	46802341	T	C	UTR3	HOXB13	NA	NA	NA	NA	NA
chr17	46941419	46941419	G	T	UTR3	CALCOCO2	NA	NA	NA	rs6504584	NA
chr17	47132505	47132505	A	-	UTR3	IGF2BP1	NA	NA	NA	NA	NA
chr17	47132517	47132517	A	C	UTR3	IGF2BP1	NA	NA	NA	rs56112814	NA
chr17	47132531	47132531	T	A	UTR3	IGF2BP1	NA	NA	NA	NA	NA
chr17	47133198	47133198	-	T	UTR3	IGF2BP1	NA	NA	NA	NA	NA
chr17	47373328	47373330	CAG	-	UTR3	ZNF652	NA	NA	NA	NA	NA
chr17	48046626	48046626	-	G	UTR5	DLX4	NA	NA	NA	rs71352544	NA
chr17	48046963	48046963	A	G	exonic	DLX4	nonsynonymous SNV	DLX4:NM_138281:exon1:c.A131G;p.N44S	NA	rs61749026	B
chr17	48151353	48151353	T	C	exonic	ITGA3	synonymous SNV	1_002204:exon8:c.T1230C;p.L410L,ITGA3:NM_005501:exon8:c.T1230C	NA	rs2285524	NA
chr17	48262615	48262615	A	T	UTR3	COL1A1	NA	NA	NA	NA	NA
chr17	48267226	48267226	A	G	exonic	COL1A1	synonymous SNV	COL1A1:NM_000088:exon37:c.T2607C;p.G869G	NA	NA	NA
chr17	48768770	48768770	C	A	UTR3	ABCC3	NA	NA	NA	NA	NA
chr17	48772571	48772571	C	G	UTR3	ANKRD40	NA	NA	NA	NA	NA
chr17	49197932	49197932	C	A	exonic	SPAG9	nonsynonymous SNV	.G86T;p.G29V,SPAG9:NM_001130528:exon1:c.G86T;p.G29V,SPAG9:NM	NA	NA	P
chr17	49350802	49350802	A	C	exonic	UTP18	synonymous SNV	UTP18:NM_016001:exon5:c.A702C;p.G234G	NA	rs2318789	NA
chr17	53241197	53241197	-	A	UTR3	STXBP4	NA	NA	NA	rs11387036	NA
chr17	53828706	53828706	C	G	UTR5	PCTP	NA	NA	NA	rs890488	NA
chr17	54450134	54450134	G	A	exonic	ANKFN1	synonymous SNV	ANKFN1:NM_153228:exon6:c.G738A;p.K246K	NA	rs8069322	NA
chr17	54672363	54672363	A	C	UTR3	NOG	NA	NA	NA	rs1442829	NA
chr17	54672366	54672366	A	C	UTR3	NOG	NA	NA	NA	NA	NA
chr17	54672393	54672394	TT	-	UTR3	NOG	NA	NA	NA	NA	NA
chr17	54912339	54912339	G	A	exonic	DGKE	synonymous SNV	DGKE:NM_003647:exon2:c.G183A;p.G61G	NA	rs1048159	NA
chr17	55940421	55940421	A	-	UTR3	CUEDC1	NA	NA	NA	rs11335586	NA

chr17	59943721	59943721	A	-	UTR3	INTS2	NA	NA	NA	NA	NA
chr17	60020017	60020017	-	T	UTR3	MED13	NA	NA	NA	NA	NA
chr17	60342186	60342186	T	C	ncRNA_exonic	TBC1D3P2	NA	NA	NA	rs11550753	NA
chr17	62122727	62122727	A	G	exonic	ERN1	nonsynonymous SNV	ERN1:NM_001433:exon20:c.T2645C:p.L882P	NA	NA	NA
chr17	62399872	62399872	C	T	UTR3	PECAM1	NA	NA	NA	rs9902260	NA
chr17	62892413	62892413	G	A	exonic	LRRC37A3	synonymous SNV	LRRC37A3:NM_199340:exon3:c.C963T:p.A321A	NA	rs3894937	NA
chr17	62892442	62892442	G	C	exonic	LRRC37A3	nonsynonymous SNV	LRRC37A3:NM_199340:exon3:c.C934G:p.P312A	NA	rs201370086	P
chr17	64208285	64208285	C	G	exonic	APOH	nonsynonymous SNV	APOH:NM_000042:exon8:c.G1004C:p.W335S	NA	rs1801690	D
chr17	65070977	65070977	A	-	UTR3	HELZ	NA	NA	NA	rs199909135	NA
chr17	65073836	65073836	A	-	UTR3	HELZ	NA	NA	NA	NA	NA
chr17	65074050	65074050	T	-	UTR3	HELZ	NA	NA	NA	NA	NA
chr17	66129341	66129341	T	-	ncRNA_exonic	LINC00674	NA	NA	NA	NA	NA
chr17	66196220	66196220	C	A	ncRNA_exonic	LOC440461	NA	NA	NA	NA	NA
chr17	67017930	67017930	T	C	exonic	ABCA9	nonsynonymous SNV	ABCA9:NM_080283:exon18:c.A2354G:p.N785S	NA	rs17684521	D
chr17	68131149	68131149	T	-	UTR3	KCNJ16	NA	NA	NA	NA	NA
chr17	71745520	71745520	A	G	ncRNA_exonic	LINC00469	NA	NA	NA	rs12450057	NA
chr17	72270424	72270433	GCCGCGAC	-	UTR5	DNAI2	NA	NA	NA	rs140867882	NA
chr17	72350362	72350362	G	A	exonic	KIF19	synonymous SNV	KIF19:NM_153209:exon18:c.G2370A:p.S790S	NA	rs72852235	NA
chr17	72443258	72443258	T	C	UTR3	GPRC5C	NA	NA	NA	NA	NA
chr17	72521897	72521897	G	A	exonic	CD300LB	synonymous SNV	CD300LB:NM_174892:exon2:c.C471T:p.I157I	NA	rs17553512	NA
chr17	72869078	72869078	A	G	UTR5	FDXR	NA	NA	NA	rs492095	NA
chr17	72875677	72875677	G	T	exonic	FADS6	nonsynonymous SNV	FADS6:NM_178128:exon5:c.C763A:p.P255T	NA	NA	NA
chr17	73234012	73234012	C	T	UTR3	GGA3	NA	NA	NA	rs113574403	NA
chr17	73498623	73498623	A	G	exonic	CASKIN2	synonymous SNV	01142643:exon17:c.T2286C:p.S762S,CASKIN2:NM_020753:exon18:c.T	NA	rs7502835	NA
chr17	73498796	73498796	T	G	exonic	CASKIN2	nonsynonymous SNV	01142643:exon17:c.A2113C:p.T705P,CASKIN2:NM_020753:exon18:c./	NA	NA	B
chr17	73498833	73498833	T	G	exonic	CASKIN2	synonymous SNV	01142643:exon17:c.A2076C:p.A692A,CASKIN2:NM_020753:exon18:c./	NA	NA	NA
chr17	73926121	73926121	C	A	exonic	FBF1	nonsynonymous SNV	FBF1:NM_001080542:exon6:c.G194T:p.G65V	NA	rs1135889	NA
chr17	73949540	73949540	G	C	exonic	ACOX1	nonsynonymous SNV	822G:p.I274M,ACOX1:NM_004035:exon7:c.C936G:p.I312M,ACOX1:NM	NA	rs1135640	B
chr17	74288298	74288298	A	T	exonic	QRICH2	nonsynonymous SNV	QRICH2:NM_032134:exon4:c.T2012A:p.V671D	NA	NA	B
chr17	74288943	74288943	C	T	exonic	QRICH2	stopgain SNV	QRICH2:NM_032134:exon4:c.G1367A:p.W456X	NA	NA	NA
chr17	74288944	74288944	A	G	exonic	QRICH2	nonsynonymous SNV	QRICH2:NM_032134:exon4:c.T1366C:p.W456R	NA	rs11869057	B
chr17	74675810	74675810	G	A	UTR3	MXRA7	NA	NA	NA	rs1065604	NA
chr17	74922706	74922706	C	T	exonic	MGAT5B	synonymous SNV	p.F406F,MGAT5B:NM_001199172:exon10:c.C1185T:p.F395F,MGAT5B	NA	rs33966966	NA
chr17	74928758	74928758	C	T	exonic	MGAT5B	synonymous SNV	:p.F452F,MGAT5B:NM_001199172:exon11:c.C1323T:p.F441F,MGAT5E	NA	rs79286496	NA
chr17	75494705	75494705	A	G	exonic	9-Sep	nonsynonymous SNV	:p.M569V,SEPT9:NM_001113494:exon11:c.A1234G:p.M412V,SEPT9:M	NA	rs2627223	NA
chr17	75494746	75494746	A	G	UTR3	9-Sep	NA	NA	NA	rs1059485	NA
chr17	75494761	75494761	G	C	UTR3	9-Sep	NA	NA	NA	NA	NA
chr17	76102136	76102136	-	A	UTR3	TNRC6C	NA	NA	NA	NA	NA
chr17	76102618	76102618	C	-	UTR3	TNRC6C	NA	NA	NA	NA	NA
chr17	76102966	76102966	A	-	UTR3	TNRC6C	NA	NA	NA	rs72217904	NA
chr17	76497920	76497920	C	A	exonic	DNAH17	nonsynonymous SNV	DNAH17:NM_173628:exon34:c.G5226T:p.M1742I	NA	rs690844	NA
chr17	76525759	76525759	G	C	exonic	DNAH17	nonsynonymous SNV	DNAH17:NM_173628:exon22:c.C3302G:p.A1101G	NA	rs61741523	NA
chr17	76670610	76670610	T	G	UTR3	CYTH1	NA	NA	NA	NA	NA
chr17	76670626	76670626	T	C	UTR3	CYTH1	NA	NA	NA	NA	NA
chr17	76993546	76993546	A	G	exonic	CANT1	synonymous SNV	C:p.A53A,CANT1:NM_001159773:exon3:c.T159C:p.A53A,CANT1:NM_(	NA	rs8077024	NA
chr17	77807074	77807074	T	-	UTR3	CBX4	NA	NA	NA	rs11350225	NA
chr17	79083194	79083196	AAG	-	UTR3	BAIAP2	NA	NA	NA	NA	NA
chr17	79140505	79140505	C	G	ncRNA_exonic	AATK-AS1	NA	NA	NA	rs12946891	NA
chr17	79612161	79612161	C	T	exonic	TSPAN10	unknown	UNKNOWN	NA	rs6565616	NA
chr17	79615604	79615604	A	C	UTR3	TSPAN10	NA	NA	NA	NA	NA
chr17	79878961	79878961	T	G	UTR3	MAFG	NA	NA	NA	NA	NA
chr17	79879436	79879436	T	-	UTR3	MAFG	NA	NA	NA	NA	NA
chr17	79888377	79888377	A	-	ncRNA_exonic	MAFG-AS1	NA	NA	NA	NA	NA
chr17	80086386	80086386	C	T	exonic	CCDC57	nonsynonymous SNV	CCDC57:NM_198082:exon15:c.G2329A:p.A777T	NA	rs7406162	NA
chr17	80086389	80086389	C	T	exonic	CCDC57	nonsynonymous SNV	CCDC57:NM_198082:exon15:c.G2326A:p.D776N	NA	rs7406163	NA
chr17	80279412	80279412	T	A	UTR3	SECTM1	NA	NA	NA	rs1132115	NA
chr17	80279428	80279428	G	A	UTR3	SECTM1	NA	NA	NA	rs1132114	NA
chr17	80561596	80561599	TTTT	-	UTR3	FOXK2	NA	NA	NA	NA	NA
chr17	81177461	81177461	A	G	ncRNA_exonic	FLJ43681	NA	NA	NA	rs3897846	NA
chr18	319513	319514	AA	-	UTR3	COLEC12	NA	NA	NA	NA	NA
chr18	334742	334742	C	T	exonic	COLEC12	nonsynonymous SNV	COLEC12:NM_130386:exon6:c.G1816A:p.G606S	NA	rs2305027	D
chr18	2943456	2943456	-	TGTGTT	ncRNA_exonic	LOC727896	NA	NA	NA	NA	NA
chr18	3168816	3168816	G	A	exonic	MYOM1	synonymous SNV	_003803:exon9:c.C1338T:p.N446N,MYOM1:NM_019856:exon9:c.C13:	NA	rs2230167	NA
chr18	5244962	5244962	-	TG	ncRNA_exonic	LINC00667	NA	NA	NA	rs202003428	NA
chr18	5244995	5244995	T	C	ncRNA_exonic	LINC00667	NA	NA	NA	rs15920	NA
chr18	6943348	6943348	G	T	exonic	LAMA1	synonymous SNV	LAMA1:NM_005559:exon62:c.C8898A:p.P2966P	NA	NA	NA

chr18	6986227	6986227	G	A	exonic	LAMA1	nonsynonymous SNV	LAMA1:NM_005559:exon37:c.C5288T:p.A1763V	NA	rs12607841	B
chr18	8069868	8069868	C	T	exonic	PTPRM	synonymous SNV	J01105244:exon8:c.C1317T:p.N439N,PTPRM:NM_002845:exon8:c.C13	NA	rs2230601	NA
chr18	8387219	8387219	G	C	exonic	PTPRM	synonymous SNV	2845:exon29:c.G4155C:p.T1385T,PTPRM:NM_001105244:exon31:c.G4	NA	rs593950	NA
chr18	9959719	9959722	AAAA	-	UTR3	VAPA	NA	NA	NA	NA	NA
chr18	12986727	12986727	T	-	UTR3	SEH1L	NA	NA	NA	rs199544910	NA
chr18	13612545	13612546	CC	-	UTR5	LDLRAD4	NA	NA	NA	NA	NA
chr18	13665381	13665385	AAAAA	-	UTR3	FAM210A	NA	NA	NA	rs71174180	NA
chr18	14542867	14542867	C	T	exonic	POTEC	synonymous SNV	POTEC:NM_001137671:exon1:c.G279A:p.T93T	NA	rs200779556	NA
chr18	14779969	14779969	C	G	exonic	ANKRD30B	nonsynonymous SNV	ANKRD30B:NM_001145029:exon11:c.C1431G:p.F477L	1130088,COSM1130087;OCCURENCE=1	rs9675365	NA
chr18	20577669	20577669	G	A	exonic	RBBP8	synonymous SNV	5A:p.K705K,RBBP8:NM_203291:exon14:c.G2115A:p.K705K,RBBP8:NM	NA	rs17852769	NA
chr18	21390368	21390368	T	C	exonic	LAMA3	nonsynonymous SNV	01127717:exon13:c.T1642C:p.C548R,LAMA3:NM_198129:exon13:c.T1	NA	NA	D
chr18	24442392	24442392	C	A	exonic	AQP4	synonymous SNV	∕M_004028:exon1:c.G135T:p.P45P,AQP4:NM_001650:exon2:c.G201T:	NA	rs35248760	NA
chr18	24492336	24492336	-	ACAC	ncRNA_intronic	AQP4-AS1	NA	NA	NA	NA	NA
chr18	24492338	24492338	T	C	ncRNA_intronic	AQP4-AS1	NA	NA	NA	rs76675133	NA
chr18	29649164	29649164	A	-	UTR3	RNF125	NA	NA	NA	rs11340446	NA
chr18	31327378	31327378	A	-	UTR3	ASXL3	NA	NA	NA	NA	NA
chr18	32826672	32826672	A	-	UTR3	ZNF397	NA	NA	NA	NA	NA
chr18	32888397	32888397	G	A	ncRNA_exonic	ZNF271	NA	NA	NA	rs63352060	NA
chr18	33848663	33848663	-	TACAT	UTR3	MOCOS	NA	NA	NA	rs111317566	NA
chr18	42644774	42644774	A	-	UTR3	SETBP1	NA	NA	NA	rs57937684	NA
chr18	43331751	43331751	A	T	UTR3	SLC14A1	NA	NA	NA	rs544373	NA
chr18	43844698	43844698	-	T	UTR3	C18orf25	NA	NA	NA	NA	NA
chr18	44229149	44229149	C	T	exonic	LOXHD1	nonsynonymous SNV	LOXHD1:NM_144612:exon2:c.G214A:p.G72R	NA	NA	NA
chr18	47088655	47088655	T	G	UTR5	LIPG	NA	NA	NA	rs34474737	NA
chr18	47349245	47349245	A	C	UTR3	MYO5B	NA	NA	NA	NA	NA
chr18	47349683	47349683	C	T	UTR3	MYO5B	NA	NA	NA	NA	NA
chr18	47349684	47349684	C	G	UTR3	MYO5B	NA	NA	NA	NA	NA
chr18	47349692	47349692	T	G	UTR3	MYO5B	NA	NA	NA	NA	NA
chr18	47350330	47350330	C	A	UTR3	MYO5B	NA	NA	NA	NA	NA
chr18	47350346	47350346	G	C	UTR3	MYO5B	NA	NA	NA	NA	NA
chr18	47350353	47350353	C	T	UTR3	MYO5B	NA	NA	NA	NA	NA
chr18	47350357	47350357	T	A	UTR3	MYO5B	NA	NA	NA	NA	NA
chr18	47350373	47350373	A	C	UTR3	MYO5B	NA	NA	NA	NA	NA
chr18	47350377	47350377	G	A	UTR3	MYO5B	NA	NA	NA	NA	NA
chr18	47350394	47350394	A	G	UTR3	MYO5B	NA	NA	NA	NA	NA
chr18	47350395	47350395	A	G	UTR3	MYO5B	NA	NA	NA	NA	NA
chr18	47350400	47350400	A	G	UTR3	MYO5B	NA	NA	NA	NA	NA
chr18	47350406	47350406	A	T	UTR3	MYO5B	NA	NA	NA	NA	NA
chr18	47350683	47350683	C	T	UTR3	MYO5B	NA	NA	NA	rs74651470	NA
chr18	47908556	47908556	G	A	exonic	SKA1	nonsynonymous SNV	∕_001039535:exon4:c.G271A:p.V91I,SKA1:NM_145060:exon4:c.G271,	NA	rs6507992	B
chr18	48325302	48325302	C	A	UTR3	MRO	NA	NA	NA	rs2849256	NA
chr18	48584791	48584791	A	C	exonic	SMAD4	nonsynonymous SNV	SMAD4:NM_005359:exon7:c.A869C:p.H290P	NA	NA	D
chr18	48584794	48584794	A	C	exonic	SMAD4	nonsynonymous SNV	SMAD4:NM_005359:exon7:c.A872C:p.H291P	NA	NA	P
chr18	48610371	48610372	CA	-	UTR3	SMAD4	NA	NA	NA	NA	NA
chr18	48610377	48610388	CGCGCACA	-	UTR3	SMAD4	NA	NA	NA	NA	NA
chr18	51822710	51822710	C	T	UTR3	POLI	NA	NA	NA	rs518069	NA
chr18	51887123	51887123	C	T	exonic	C18orf54	synonymous SNV	C18orf54:NM_173529:exon2:c.C181T:p.L61L	NA	rs1657904	NA
chr18	51905870	51905870	T	-	UTR3	C18orf54	NA	NA	NA	NA	NA
chr18	52890959	52890961	TTT	-	UTR3	TCF4	NA	NA	NA	NA	NA
chr18	55215119	55215119	T	C	UTR3	FECH	NA	NA	NA	rs8090261	NA
chr18	55216655	55216655	-	T	UTR3	FECH	NA	NA	NA	NA	NA
chr18	55216771	55216771	T	G	UTR3	FECH	NA	NA	NA	NA	NA
chr18	55216772	55216772	T	A	UTR3	FECH	NA	NA	NA	NA	NA
chr18	55216773	55216773	T	G	UTR3	FECH	NA	NA	NA	NA	NA
chr18	55862847	55862847	G	A	UTR5	NEDD4L	NA	NA	NA	rs1008899	NA
chr18	56415902	56415902	G	A	UTR3	MALT1	NA	NA	NA	rs62093496	NA
chr18	56962800	56962801	AA	-	UTR3	CPLX4	NA	NA	NA	rs61050481	NA
chr18	56963852	56963852	T	G	UTR3	CPLX4	NA	NA	NA	rs17696504	NA
chr18	59712463	59712463	G	A	UTR3	PIGN	NA	NA	NA	rs28375341	NA
chr18	59780393	59780393	T	A	exonic	PIGN	nonsynonymous SNV	_012327:exon15:c.A1408T:p.I470L,PIGN:NM_176787:exon16:c.A1408	NA	rs3862712	NA
chr18	59814268	59814268	G	A	exonic	PIGN	synonymous SNV	∕_012327:exon8:c.C741T:p.H247H,PIGN:NM_176787:exon9:c.C741T:∕	NA	rs9320000	NA
chr18	60052586	60052586	G	T	UTR3	TNFRSF11A	NA	NA	NA	NA	NA
chr18	60052587	60052587	G	C	UTR3	TNFRSF11A	NA	NA	NA	NA	NA
chr18	60237388	60237388	A	G	exonic	ZCCHC2	synonymous SNV	ZCCHC2:NM_017742:exon12:c.A1899G:p.S633S	NA	rs8096750	NA
chr18	60995589	60995589	T	-	UTR3	KDSR	NA	NA	NA	rs11349419	NA
chr18	61377579	61377579	A	C	exonic	SERPINB1	unknown	UNKNOWN	NA	rs1395268	NA

chr18	67509199	67509199	-	GTGTGTGT	UTR3	DOK6	NA	NA	NA	rs143503551	NA
chr18	67515008	67515008	-	T	UTR3	DOK6	NA	NA	NA	NA	NA
chr18	72168608	72168608	G	A	exonic	CNDP2	synonymous SNV	1_001168499:exon2:c.G105A:p.P35P,CNDP2:NM_018235:exon3:c.G10=COSM148444;OCCURENCE=1(stomac	rs2303463	NA	NA
chr18	72234635	72234635	C	T	exonic	CNDP1	synonymous SNV	CNDP1:NM_032649:exon6:c.C723T:p.Y241Y	rs12960862	NA	NA
chr18	72260399	72260399	G	A	ncRNA_exonic	LOC400657	NA	NA	NA	rs10782060	NA
chr18	72593032	72593032	C	G	exonic	ZNF407	synonymous SNV	1146189:exon5:c.C5085G;p.G1695G,ZNF407:NM_017757:exon5:c.C5(	NA	NA	NA
chr18	72922851	72922851	-	GG	UTR5	TSHZ1	NA	NA	NA	NA	NA
chr18	74728109	74728109	-	TT	UTR3	MBP	NA	NA	NA	NA	NA
chr18	77473127	77473127	C	T	exonic	CTDP1	nonsynonymous SNV	52T:p.T221M,CTDP1:NM_004715:exon7:c.C1019T:p.T340M,CTDP1:NM	rs2279103	B	NA
chr18	77916875	77916875	T	-	ncRNA_UTR3	PAR6G	NA	NA	NA	rs145797175	NA
chr18	77917479	77917479	G	A	ncRNA_UTR3	PAR6G	NA	NA	NA	rs62101564	NA
chr18	77936214	77936214	G	A	ncRNA_exonic	PAR6G-AS1	NA	NA	NA	rs11660391	NA
chr19	199636	199636	G	T	ncRNA_exonic	FLJ45445	NA	NA	NA	rs4897924	NA
chr19	199880	199880	T	G	ncRNA_exonic	FLJ45445	NA	NA	ID=COSN394552;OCCURENCE=1(lung)	rs11878357	NA
chr19	536265	536265	T	C	exonic	CDC34	nonsynonymous SNV	CDC34:NM_004359:exon3:c.T287C:p.I96T	NA	NA	D
chr19	536268	536268	T	C	exonic	CDC34	nonsynonymous SNV	CDC34:NM_004359:exon3:c.T290C:p.L97P	NA	NA	D
chr19	583453	583453	A	C	UTR3	BSG	NA	NA	NA	NA	NA
chr19	682259	682259	A	G	UTR3	FSTL3	NA	NA	NA	NA	NA
chr19	863548	863548	G	T	UTR3	CFD	NA	NA	NA	NA	NA
chr19	1008683	1008683	G	A	exonic	GRIN3B	nonsynonymous SNV	GRIN3B:NM_138690:exon7:c.G2533A:p.A845T	rs2285906	P	NA
chr19	1037969	1037971	TTT	-	UTR3	CNN2	NA	NA	NA	rs150855033	NA
chr19	1047161	1047161	A	G	exonic	ABCA7	synonymous SNV	ABCA7:NM_019112:exon15:c.A1851G:p.G617G	rs3752237	NA	NA
chr19	1049269	1049269	G	A	exonic	ABCA7	synonymous SNV	ABCA7:NM_019112:exon18:c.G2385A:p.L795L	rs4147914	NA	NA
chr19	1398611	1398611	T	-	UTR3	GAMT	NA	NA	NA	rs61684562	NA
chr19	1472595	1472595	A	C	UTR3	APC2	NA	NA	NA	NA	NA
chr19	1554912	1554912	-	A	UTR3	MEX3D	NA	NA	NA	NA	NA
chr19	1954126	1954126	-	A	ncRNA_exonic	CSNK1G2-AS1	NA	NA	NA	rs34622118	NA
chr19	1954128	1954128	T	C	ncRNA_exonic	CSNK1G2-AS1	NA	NA	NA	rs62129474	NA
chr19	2072038	2072038	T	C	UTR3	MOB3A	NA	NA	NA	rs8102231	NA
chr19	2072746	2072746	A	-	UTR3	MOB3A	NA	NA	NA	NA	NA
chr19	2226847	2226847	G	T	exonic	DOT1L	nonsynonymous SNV	DOT1L:NM_032482:exon27:c.G4327T:p.G1443C	rs113842228	D	NA
chr19	3198841	3198841	G	C	exonic	NCLN	nonsynonymous SNV	NCLN:NM_020170:exon5:c.G642C:p.E214D	rs11671067	B	NA
chr19	3593004	3593004	A	G	UTR3	GIPC3	NA	NA	NA	rs17433775	NA
chr19	3767265	3767265	C	T	exonic	MRPL54	synonymous SNV	MRPL54:NM_172251:exon3:c.C291T:p.F97F	rs7239	NA	NA
chr19	3823292	3823292	G	A	exonic	ZFR2	synonymous SNV	ZFR2:NM_015174:exon8:c.C1323T:p.P441P	rs61744821	NA	NA
chr19	4045564	4045564	C	A	UTR3	ZBTB7A	NA	NA	NA	NA	NA
chr19	4045639	4045639	A	C	UTR3	ZBTB7A	NA	NA	NA	NA	NA
chr19	4046431	4046432	TT	-	UTR3	ZBTB7A	NA	NA	NA	NA	NA
chr19	4153655	4153655	G	T	UTR5	CREB3L3	NA	NA	NA	NA	NA
chr19	4280186	4280186	C	T	exonic	SHD	synonymous SNV	SHD:NM_020209:exon1:c.C126T:p.F42F	rs10419363	NA	NA
chr19	4442999	4442999	T	G	exonic	CHAF1A	nonsynonymous SNV	CHAF1A:NM_005483:exon15:c.T2848G:p.S950A	rs243383	B	NA
chr19	4502937	4502937	A	C	UTR3	PLIN4	NA	NA	NA	NA	NA
chr19	4511680	4511680	A	G	exonic	PLIN4	synonymous SNV	PLIN4:NM_001080400:exon3:c.T2250C:p.D750D	NA	NA	NA
chr19	4512877	4512877	G	A	exonic	PLIN4	synonymous SNV	PLIN4:NM_001080400:exon3:c.C1053T:p.G351G	rs61730751	NA	NA
chr19	4513006	4513006	G	A	exonic	PLIN4	synonymous SNV	PLIN4:NM_001080400:exon3:c.C924T:p.G308G	rs73920831	NA	NA
chr19	4675418	4675418	A	G	UTR3	DPP9	NA	NA	NA	NA	NA
chr19	4867690	4867690	A	G	UTR5	PLIN3	NA	NA	NA	rs262559	NA
chr19	5153606	5153606	G	A	UTR3	KDM4B	NA	NA	NA	rs11514	NA
chr19	5206072	5206072	A	-	UTR3	PTPRS	NA	NA	NA	NA	NA
chr19	5206246	5206249	TTTG	-	UTR3	PTPRS	NA	NA	NA	rs138275722	NA
chr19	5206261	5206261	-	A	UTR3	PTPRS	NA	NA	NA	rs199687996	NA
chr19	5206276	5206276	A	-	UTR3	PTPRS	NA	NA	NA	rs141036801	NA
chr19	5587299	5587299	T	G	exonic	SAFB2	synonymous SNV	SAFB2:NM_014649:exon21:c.A2817C:p.P939P	NA	NA	NA
chr19	5587303	5587303	T	G	exonic	SAFB2	nonsynonymous SNV	SAFB2:NM_014649:exon21:c.A2813C:p.H938P	NA	NA	NA
chr19	5622905	5622905	-	C	UTR5	SAFB2	NA	NA	NA	NA	NA
chr19	5910015	5910015	-	G	UTR3	VMAC	NA	NA	NA	rs76336657	NA
chr19	6312290	6312290	T	C	exonic	ACER1	nonsynonymous SNV	ACER1:NM_133492:exon3:c.A220G:p.M74V	rs72981971	D	NA
chr19	6535372	6535373	GG	-	UTR3	TNFSF9	NA	NA	NA	NA	NA
chr19	6718387	6718387	G	C	exonic	C3	nonsynonymous SNV	C3:NM_000064:exon3:c.C304G:p.R102G	rs2230199	B	NA
chr19	7051376	7051376	G	A	exonic	MBD3L2	nonsynonymous SNV	MBD3L2:NM_144614:exon2:c.G370A:p.G124S	rs200081225	B	NA
chr19	7056553	7056553	C	T	exonic	MBD3L3	nonsynonymous SNV	MBD3L3:NM_001164425:exon2:c.G407A:p.R136H	rs199680919	NA	NA
chr19	7086367	7086367	C	T	UTR3	ZNF557	NA	NA	NA	NA	NA
chr19	7087549	7087549	A	-	UTR3	ZNF557	NA	NA	NA	rs11287183	NA
chr19	7114059	7114060	AA	-	UTR3	INSR	NA	NA	NA	NA	NA
chr19	7116712	7116713	AA	-	UTR3	INSR	NA	NA	NA	rs71177157	NA
chr19	7116733	7116733	G	A	UTR3	INSR	NA	NA	NA	NA	NA

chr19	7528734	7528734	A	G	exonic	ARHGEF18	nonsynonymous SNV	1130955:exon12:c.A2102G:p.Q701R,ARHGEF18:NM_015318:exon13:c.	NA	rs2287918	B
chr19	7536477	7536477	C	G	UTR3	ARHGEF18	NA	NA	NA	NA	NA
chr19	7536507	7536507	T	G	UTR3	ARHGEF18	NA	NA	NA	NA	NA
chr19	7547074	7547074	A	C	exonic	PEX11G	nonsynonymous SNV	_001270539:exon3:c.T273G:p.C91W,PEX11G:NM_080662:exon3:c.T2:	NA	rs2303146	B
chr19	7571030	7571030	T	A	exonic	C19orf45	nonsynonymous SNV	C19orf45:NM_198534:exon7:c.T1186A:p.Y396N	NA	rs3826736	B
chr19	7744076	7744076	C	-	UTR3	C19orf59	NA	NA	NA	NA	NA
chr19	7855113	7855114	GT	-	ncRNA_exonic	CLEC4GP1	NA	NA	NA	NA	NA
chr19	7977929	7977929	C	-	UTR3	MAP2K7	NA	NA	NA	NA	NA
chr19	7977931	7977933	CTC	-	UTR3	MAP2K7	NA	NA	NA	NA	NA
chr19	7978407	7978407	G	A	UTR3	MAP2K7	NA	NA	NA	rs4804835	NA
chr19	7989578	7989578	G	T	UTR3	CTXN1	NA	NA	NA	NA	NA
chr19	8176569	8176569	G	A	exonic	FBN3	synonymous SNV	FBN3:NM_032447:exon31:c.C4047T:p.C1349C	NA	rs35306870	NA
chr19	9878987	9878987	G	-	UTR5	ZNF846	NA	NA	NA	rs147535386	NA
chr19	10089262	10089262	G	A	exonic	COL5A3	synonymous SNV	COL5A3:NM_015719:exon41:c.C3006T:p.P1002P	NA	rs12610207	NA
chr19	10179657	10179657	G	A	ncRNA_exonic	C3P1	NA	NA	NA	rs897803	NA
chr19	10267077	10267077	T	C	exonic	DNMT1	synonymous SNV	101379:exon17:c.A1341G:p.P447P,DNMT1:NM_001130823:exon18:c.A:	NA	rs2228611	NA
chr19	10397238	10397238	C	T	UTR3	ICAM1	NA	NA	NA	rs281437	NA
chr19	10449358	10449358	T	C	exonic	ICAM3	nonsynonymous SNV	ICAM3:NM_002162:exon2:c.A343G:p.R115G	NA	rs7258015	B
chr19	10556897	10556897	C	T	exonic	PDE4A	synonymous SNV	1_001111308:exon2:c.C246T:p.F82F,PDE4A:NM_001111309:exon2:c.C	NA	rs118115488	NA
chr19	10579165	10579165	G	C	UTR3	PDE4A	NA	NA	NA	NA	NA
chr19	10664256	10664256	-	TAA	UTR3	KRI1	NA	NA	NA	rs201847069	NA
chr19	11406839	11406839	C	G	UTR5	TSPAN16	NA	NA	NA	rs453766	NA
chr19	11562302	11562302	G	T	UTR3	ELAVL3	NA	NA	NA	NA	NA
chr19	11564606	11564606	A	C	UTR3	ELAVL3	NA	NA	NA	NA	NA
chr19	11708361	11708361	C	T	UTR5	ZNF627	NA	NA	NA	rs11551815	NA
chr19	12091196	12091196	-	A	UTR3	ZNF763	NA	NA	NA	NA	NA
chr19	12405552	12405552	T	C	UTR5	ZNF44	NA	NA	NA	rs386901	NA
chr19	12428307	12428307	T	G	UTR3	ZNF563	NA	NA	NA	rs78023129	NA
chr19	12572300	12572300	G	A	UTR3	ZNF709	NA	NA	NA	rs4804194	NA
chr19	12574741	12574741	A	-	UTR3	ZNF709	NA	NA	NA	NA	NA
chr19	12774537	12774537	G	A	exonic	MAN2B1	nonsynonymous SNV	1_000528:exon5:c.C743T:p.P248L,MAN2B1:NM_001173498:exon5:c.C:	NA	rs117843968	D
chr19	12958697	12958697	T	C	exonic	MAST1	synonymous SNV	MAST1:NM_014975:exon7:c.T600C:p.F200F	NA	rs2290688	NA
chr19	12996740	12996740	A	G	exonic	KLF1	nonsynonymous SNV	KLF1:NM_006563:exon2:c.T304C:p.S102P	NA	rs2072597	B
chr19	13054781	13054781	G	T	UTR3	CALR	NA	NA	NA	rs1049481	NA
chr19	13942986	13942986	A	T	UTR3	ZSWIM4	NA	NA	NA	NA	NA
chr19	13943034	13943034	G	T	UTR3	ZSWIM4	NA	NA	NA	NA	NA
chr19	14627776	14627776	A	G	exonic	DNAJB1	synonymous SNV	DNAJB1:NM_006145:exon2:c.T294C:p.P98P	NA	NA	NA
chr19	14627800	14627800	G	A	exonic	DNAJB1	synonymous SNV	DNAJB1:NM_006145:exon2:c.C270T:p.F90F	NA	NA	NA
chr19	14627816	14627816	-	C	exonic	DNAJB1	frameshift insertion	DNAJB1:NM_006145:exon2:c.254_255insG:p.A85fs	NA	NA	NA
chr19	14627818	14627818	A	C	exonic	DNAJB1	synonymous SNV	DNAJB1:NM_006145:exon2:c.T252G:p.G84G	NA	NA	NA
chr19	14627821	14627821	A	C	exonic	DNAJB1	synonymous SNV	DNAJB1:NM_006145:exon2:c.T249G:p.G83G	NA	NA	NA
chr19	14682804	14682804	G	C	exonic	NDUFB7	synonymous SNV	NDUFB7:NM_004146:exon1:c.C9G:p.A3A	NA	rs9543	NA
chr19	14769339	14769339	C	G	exonic	EMR3	nonsynonymous SNV	EMR3:NM_032571:exon5:c.G379C:p.E127Q	NA	rs4606855	B
chr19	14862430	14862430	C	G	exonic	EMR2	nonsynonymous SNV	101271052:exon14:c.G1668C:p.L556F,EMR2:NM_013447:exon16:c.G1&	NA	rs2524383	B
chr19	15292605	15292605	G	T	exonic	NOTCH3	stopgain SNV	NOTCH3:NM_000435:exon17:c.C2574A:p.C858X	NA	NA	NA
chr19	15575174	15575174	G	-	UTR5	RASAL3	NA	NA	NA	NA	NA
chr19	15996820	15996820	G	A	exonic	CYP4F2	synonymous SNV	CYP4F2:NM_001082:exon9:c.C1029T:p.H343H	NA	rs2074900	NA
chr19	16023492	16023492	T	A	UTR3	CYP4F11	NA	NA	NA	NA	NA
chr19	16040292	16040292	A	G	exonic	CYP4F11	synonymous SNV	v1_021187:exon2:c.T318C:p.I106I,CYP4F11:NM_001128932:exon3:c.T3	NA	rs3765070	NA
chr19	16662564	16662565	TT	-	UTR3	SLC35E1	NA	NA	NA	NA	NA
chr19	16902167	16902167	G	T	exonic	NWD1	nonsynonymous SNV	NWD1:NM_001007525:exon14:c.G2947T:p.A983S	NA	NA	B
chr19	17434120	17434120	-	TGTG	UTR3	ANO8	NA	NA	NA	NA	NA
chr19	17660300	17660300	G	A	exonic	FAM129C	nonsynonymous SNV	101098524:exon15:c.G1807A:p.G603S,FAM129C:NM_173544:exon15:c.)=COSM148530;OCCURENCE=1(stomac	rs11666267	B	
chr19	17692719	17692719	T	-	UTR3	COLGALT1	NA	NA	NA	rs34244232	NA
chr19	17716794	17716794	C	T	UTR3	UNC13A	NA	NA	NA	rs12974304	NA
chr19	17932190	17932190	T	C	exonic	INSL3	synonymous SNV	v1_001265587:exon1:c.A126G:p.L42L,INSL3:NM_005543:exon1:c.A126	NA	rs1047233	NA
chr19	18054643	18054643	C	T	UTR3	CCDC124	NA	NA	NA	rs1052564	NA
chr19	18260786	18260789	TTTT	-	UTR3	MAST3	NA	NA	NA	rs71872759	NA
chr19	18260796	18260797	TT	-	UTR3	MAST3	NA	NA	NA	NA	NA
chr19	18479249	18479252	AAAA	-	UTR3	PGPEP1	NA	NA	NA	NA	NA
chr19	18499815	18499815	G	C	UTR3	GDF15	NA	NA	NA	rs1054564	NA
chr19	18499858	18499858	T	C	UTR3	GDF15	NA	NA	NA	rs1054221	NA
chr19	19023853	19023853	T	C	exonic	COPE	synonymous SNV	A129G:p.L43L,COPE:NM_199442:exon2:c.A129G:p.L43L,COPE:NM_19=COSM1178458;OCCURENCE=1(prostat	rs3177137	NA	
chr19	19618060	19618060	-	A	UTR3	GATAD2A	NA	NA	NA	rs35542121	NA
chr19	20115647	20115647	-	AC	UTR3	ZNF682	NA	NA	NA	rs201489153	NA
chr19	20575357	20575357	T	C	intergenic	'0-1(dist=65194),ZNF826P(dis	NA	NA	NA	rs10425673	NA

chr19	20722725	20722725	A	G	UTR3	ZNF737	NA	NA	NA	NA	NA
chr19	20722726	20722726	C	T	UTR3	ZNF737	NA	NA	NA	rs73924681	NA
chr19	20722727	20722727	T	A	UTR3	ZNF737	NA	NA	NA	NA	NA
chr19	20722743	20722743	T	A	UTR3	ZNF737	NA	NA	NA	rs73924682	NA
chr19	20722787	20722787	A	T	UTR3	ZNF737	NA	NA	NA	rs138165402	NA
chr19	21306251	21306251	G	A	UTR3	ZNF714	NA	NA	NA	rs10413226	NA
chr19	21368412	21368412	A	G	UTR3	ZNF431	NA	NA	NA	rs113635752	NA
chr19	21561326	21561327	CA	-	ncRNA_exonic	ZNF738	NA	NA	NA	NA	NA
chr19	21561509	21561511	CTC	-	ncRNA_exonic	ZNF738	NA	NA	NA	rs145776873	NA
chr19	21561863	21561863	T	-	ncRNA_exonic	ZNF738	NA	NA	NA	rs35081700	NA
chr19	21564868	21564868	C	T	ncRNA_exonic	ZNF738	NA	NA	NA	NA	NA
chr19	21564868	21564868	-	T	ncRNA_exonic	ZNF738	NA	NA	NA	NA	NA
chr19	21565050	21565050	-	T	ncRNA_exonic	ZNF738	NA	NA	NA	NA	NA
chr19	21566249	21566249	T	A	ncRNA_exonic	ZNF738	NA	NA	NA	NA	NA
chr19	21590636	21590636	C	T	UTR3	ZNF493	NA	NA	NA	rs2359144	NA
chr19	22156855	22156855	G	A	exonic	ZNF208	synonymous SNV	ZNF208:NM_007153:exon4:c.C981T:p.T327T	NA	rs200969060	NA
chr19	22156858	22156858	T	C	exonic	ZNF208	synonymous SNV	ZNF208:NM_007153:exon4:c.A978G:p.S326S	NA	rs200113618	NA
chr19	22156863	22156863	C	A	exonic	ZNF208	nonsynonymous SNV	ZNF208:NM_007153:exon4:c.G973T:p.V325F	ID=COSM230374;OCCURENCE=1(NS)	rs202200782	NA
chr19	22363413	22363413	C	T	exonic	ZNF676	nonsynonymous SNV	ZNF676:NM_001001411:exon3:c.G1106A:p.G369E	NA	rs75690456	B
chr19	22363826	22363826	G	C	exonic	ZNF676	synonymous SNV	ZNF676:NM_001001411:exon3:c.C693G:p.G231G	NA	rs7252593	NA
chr19	22363869	22363869	A	C	exonic	ZNF676	nonsynonymous SNV	ZNF676:NM_001001411:exon3:c.T650G:p.V217G	NA	NA	B
chr19	22363893	22363893	A	G	exonic	ZNF676	nonsynonymous SNV	ZNF676:NM_001001411:exon3:c.T626C:p.F209S	NA	NA	B
chr19	22363896	22363896	T	C	exonic	ZNF676	nonsynonymous SNV	ZNF676:NM_001001411:exon3:c.A623G:p.K208R	NA	NA	B
chr19	22375868	22375868	C	T	exonic	ZNF676	nonsynonymous SNV	ZNF676:NM_001001411:exon2:c.G80A:p.G27E	NA	rs8104929	B
chr19	22379587	22379587	G	T	UTR5	ZNF676	NA	NA	NA	rs2360001	NA
chr19	22848991	22848991	T	-	UTR3	ZNF492	NA	NA	NA	rs202104125	NA
chr19	23556605	23556605	A	G	exonic	ZNF91	synonymous SNV	ZNF91:NM_003430:exon3:c.T192C:p.Y64Y	OSM288088;OCCURENCE=1(large_intes	rs34740519	NA
chr19	31766336	31766336	T	-	UTR3	TSHZ3	NA	NA	NA	rs57983390	NA
chr19	33088072	33088072	-	ATCA	UTR3	ANKRD27	NA	NA	NA	rs143829091	NA
chr19	33169172	33169172	-	C	UTR3	RGS9BP	NA	NA	NA	NA	NA
chr19	33467620	33467620	T	C	UTR3	C19orf40	NA	NA	NA	rs7247715	NA
chr19	34718608	34718608	T	-	UTR3	LSM14A	NA	NA	NA	NA	NA
chr19	34718735	34718735	A	G	UTR3	LSM14A	NA	NA	NA	rs201090664	NA
chr19	35175179	35175179	C	A	exonic	ZNF302	nonsynonymous SNV	1_001012320:exon5:c.C237A:p.N79K,ZNF302:NM_018443:exon5:c.C237A:p.N79K	NA	NA	NA
chr19	35577870	35577870	G	A	ncRNA_exonic	HPN-AS1	NA	NA	NA	rs7250814	NA
chr19	35612159	35612159	C	G	exonic	FXYD3	nonsynonymous SNV	001136010:exon5:c.C107G:p.P36R,FXYD3:NM_001136009:exon6:c.C107G:p.P36R	NA	rs2290649	NA
chr19	35617639	35617639	C	G	exonic	LGI4	synonymous SNV	LGI4:NM_139284:exon8:c.G834C:p.P278P	NA	rs1687998	NA
chr19	35739702	35739702	G	A	UTR5	LSR	NA	NA	NA	rs16970163	NA
chr19	35942122	35942122	T	A	UTR3	FFAR2	NA	NA	NA	NA	NA
chr19	35942146	35942146	G	A	UTR3	FFAR2	NA	NA	NA	NA	NA
chr19	36164350	36164350	A	C	exonic	UPK1A	nonsynonymous SNV	UPK1A:NM_007000:exon4:c.A371C:p.N124T	NA	NA	D
chr19	36430384	36430384	A	C	exonic	LRFN3	synonymous SNV	LRFN3:NM_024509:exon2:c.A57C:p.P19P	NA	NA	NA
chr19	36523759	36523759	G	T	UTR5	CLIP3	NA	NA	NA	rs62109714	NA
chr19	36546015	36546015	C	T	exonic	WDR62	nonsynonymous SNV	M_001083961:exon1:c.C142T:p.L48F,WDR62:NM_173636:exon1:c.C142T:p.L48F	NA	rs62109744	B
chr19	36606379	36606379	-	CAG	UTR5	TBCB	NA	NA	NA	rs199646187	NA
chr19	36643433	36643438	GGGGCT	-	UTR5	COX7A1	NA	NA	NA	rs139129236	NA
chr19	36827322	36827322	A	G	UTR3	ZFP14	NA	NA	NA	rs2967502	NA
chr19	36827856	36827856	A	T	UTR3	ZFP14	NA	NA	NA	NA	NA
chr19	36827857	36827857	T	A	UTR3	ZFP14	NA	NA	NA	NA	NA
chr19	36827859	36827859	A	T	UTR3	ZFP14	NA	NA	NA	NA	NA
chr19	36830726	36830731	TATAAT	-	UTR3	ZFP14	NA	NA	NA	rs75308843	NA
chr19	36937172	36937173	TT	-	UTR3	ZNF566	NA	NA	NA	NA	NA
chr19	37620610	37620610	A	-	UTR3	ZNF420	NA	NA	NA	NA	NA
chr19	37759202	37759202	T	-	ncRNA_exonic	LOC284412	NA	NA	NA	NA	NA
chr19	38031167	38031167	-	A	UTR3	ZNF793	NA	NA	NA	NA	NA
chr19	39359607	39359607	T	-	UTR3	RINL	NA	NA	NA	NA	NA
chr19	39980412	39980412	C	T	exonic	TIMM50	synonymous SNV	TIMM50:NM_001001563:exon11:c.C1323T:p.F441F	NA	rs114194716	NA
chr19	40021719	40021719	A	-	UTR3	EID2B	NA	NA	NA	rs34833151	NA
chr19	40376662	40376662	G	C	exonic	FCGBP	nonsynonymous SNV	FCGBP:NM_003890:exon24:c.C11760G:p.H3920Q	NA	rs2542318	NA
chr19	40389741	40389741	A	G	exonic	FCGBP	nonsynonymous SNV	FCGBP:NM_003890:exon18:c.T8441C:p.V2814A	NA	rs141158749	NA
chr19	40946794	40946794	A	-	UTR3	SERTAD3	NA	NA	NA	NA	NA
chr19	41082868	41082868	T	C	exonic	SHKBP1	synonymous SNV	SHKBP1:NM_138392:exon1:c.T63C:p.I21I	NA	rs16974365	NA
chr19	41524087	41524087	A	G	UTR3	CYP2B6	NA	NA	NA	rs707265	NA
chr19	41903220	41903220	G	A	exonic	EXOSC5	nonsynonymous SNV	EXOSC5:NM_020158:exon1:c.C14T:p.T5M	NA	rs10853751	B
chr19	42470853	42470853	A	G	UTR3	ATP1A3	NA	NA	NA	rs199854166	NA
chr19	42595123	42595123	T	-	UTR3	POU2F2	NA	NA	NA	NA	NA

chr19	42595247	42595247	T	-	UTR3	POU2F2	NA	NA	NA	NA	NA
chr19	42728379	42728379	T	G	UTR5	ZNF526	NA	NA	NA	NA	NA
chr19	42730237	42730237	G	C	exonic	ZNF526	nonsynonymous SNV	ZNF526:NM_133444:exon3:c.G1682C:p.R561P	NA	NA	D
chr19	43697229	43697229	G	A	UTR3	PSG4	NA	NA	NA	rs8603	NA
chr19	44126738	44126738	G	A	UTR3	CADM4	NA	NA	NA	rs433226	NA
chr19	44127125	44127125	A	C	UTR3	CADM4	NA	NA	NA	NA	NA
chr19	44127129	44127129	T	C	UTR3	CADM4	NA	NA	NA	NA	NA
chr19	44127153	44127153	A	C	UTR3	CADM4	NA	NA	NA	NA	NA
chr19	44174249	44174249	C	T	exonic	PLAUR	synonymous SNV	:c.G24A:p.P8P,PLAUR:NM_001005377:exon1:c.G24A:p.P8P,PLAUR:NM	NA	rs62639324	NA
chr19	45001346	45001346	G	A	exonic	ZNF180	nonsynonymous SNV	ZNF180:NM_013256:exon2:c.C122T:p.A41V	NA	rs2571108	B
chr19	45004305	45004305	G	C	UTR5	ZNF180	NA	NA	NA	rs12977470	NA
chr19	45161174	45161174	C	A	exonic	PVR	synonymous SNV	_001135769:exon5:c.C987A:p.V329V,PVR:NM_001135770:exon5:c.C98	NA	NA	NA
chr19	45452694	45452694	-	T	ncRNA_exonic	APOC4-APOC2	NA	NA	NA	rs150448996	NA
chr19	45683494	45683494	T	-	UTR3	BLOC1S3	NA	NA	NA	rs60498449	NA
chr19	45806163	45806163	G	-	UTR3	MARK4	NA	NA	NA	rs34473699	NA
chr19	45911330	45911330	T	A	UTR3	ERCC1	NA	NA	NA	rs2013521	NA
chr19	45976591	45976591	A	G	UTR3	FOSB	NA	NA	NA	NA	NA
chr19	45976636	45976636	T	G	UTR3	FOSB	NA	NA	NA	rs10424098	NA
chr19	45977630	45977630	A	C	UTR3	FOSB	NA	NA	NA	NA	NA
chr19	46005564	46005564	T	A	UTR3	PPM1N	NA	NA	NA	rs73568912	NA
chr19	46093211	46093211	T	C	UTR3	GPR4	NA	NA	NA	rs1045217	NA
chr19	46214291	46214291	G	T	UTR3	FBXO46	NA	NA	NA	rs66535058	NA
chr19	46272195	46272195	A	C	UTR5	SIX5	NA	NA	NA	NA	NA
chr19	46286273	46286273	A	G	UTR3	DMWD	NA	NA	NA	NA	NA
chr19	46442775	46442775	G	A	UTR3	NOVA2	NA	NA	NA	NA	NA
chr19	46893943	46893943	A	G	UTR3	PPP5C	NA	NA	NA	NA	NA
chr19	46974652	46974652	G	C	UTR5	PNMAL1	NA	NA	NA	rs3826855	NA
chr19	46974678	46974678	C	G	UTR5	PNMAL1	NA	NA	NA	rs8103767	NA
chr19	47333843	47333843	A	T	ncRNA_exonic	SNAR-E	NA	NA	NA	rs59789527	NA
chr19	47724683	47724683	-	C	UTR3	BBC3	NA	NA	NA	NA	NA
chr19	47724692	47724692	T	C	UTR3	BBC3	NA	NA	NA	rs2862236	NA
chr19	47768128	47768128	G	C	exonic	CCDC9	nonsynonymous SNV	CCDC9:NM_015603:exon7:c.G645C:p.E215D	NA	rs2032811	NA
chr19	47824788	47824788	-	C	UTR3	C5AR1	NA	NA	NA	rs35042977	NA
chr19	48182787	48182787	C	T	exonic	GLTSCR1	synonymous SNV	GLTSCR1:NM_015711:exon6:c.C360T:p.A120A	NA	rs4802382	NA
chr19	48305566	48305566	C	T	exonic	TPRX1	synonymous SNV	TPRX1:NM_198479:exon2:c.G702A:p.P234P	:OSM998808;OCCURENCE=1(endometr	rs12463317	NA
chr19	48305622	48305622	A	G	exonic	TPRX1	nonsynonymous SNV	TPRX1:NM_198479:exon2:c.T646C:p.S216P	NA	rs201007421	NA
chr19	48305634	48305634	A	G	exonic	TPRX1	nonsynonymous SNV	TPRX1:NM_198479:exon2:c.T634C:p.S212P	NA	rs201640420	NA
chr19	48305670	48305670	A	G	exonic	TPRX1	nonsynonymous SNV	TPRX1:NM_198479:exon2:c.T598C:p.S200P	NA	rs201483839	NA
chr19	48305694	48305694	A	G	exonic	TPRX1	nonsynonymous SNV	TPRX1:NM_198479:exon2:c.T574C:p.S192P	NA	rs200053895	NA
chr19	48343993	48343993	G	A	UTR3	CRX	NA	NA	NA	rs55835533	NA
chr19	48344829	48344830	TT	-	UTR3	CRX	NA	NA	NA	NA	NA
chr19	48374415	48374415	G	T	UTR3	SULT2A1	NA	NA	NA	rs296367	NA
chr19	48711375	48711375	-	T	UTR3	CARD8	NA	NA	NA	NA	NA
chr19	48964622	48964622	-	A	intronic	KCNJ14	NA	NA	NA	rs35350309	NA
chr19	48969339	48969339	T	-	UTR3	KCNJ14	NA	NA	NA	rs72206497	NA
chr19	48984059	48984059	C	G	UTR3	CYTH2	NA	NA	NA	NA	NA
chr19	49132198	49132198	A	C	exonic	SPHK2	nonsynonymous SNV	15C:p.Y172S,SPHK2:NM_001204158:exon7:c.A956C:p.Y319S,SPHK2:NM	NA	rs200347384	D
chr19	49132201	49132201	T	C	exonic	SPHK2	nonsynonymous SNV	18C:p.L173P,SPHK2:NM_001204158:exon7:c.T959C:p.L320P,SPHK2:NM	NA	rs201628054	D
chr19	49185082	49185082	A	-	ncRNA_exonic	SEC1P	NA	NA	NA	NA	NA
chr19	49207689	49207699 \AAAAAAA/	-	-	UTR3	FUT2	NA	NA	NA	NA	NA
chr19	49209139	49209139	C	A	UTR3	FUT2	NA	NA	NA	NA	NA
chr19	49571148	49571148	-	TTTTTC	UTR3	KCNA7	NA	NA	NA	rs113434270	NA
chr19	49571425	49571425	G	C	UTR3	KCNA7	NA	NA	NA	rs62127899	NA
chr19	51412666	51412666	C	A	exonic	KLK4	synonymous SNV	KLK4:NM_004917:exon2:c.G66T:p.S22S	NA	rs1654552	NA
chr19	51841417	51841417	C	T	exonic	VSIG10L	nonsynonymous SNV	VSIG10L:NM_001163922:exon6:c.G1775A:p.R592Q	NA	rs34380065	NA
chr19	51843808	51843808	C	T	exonic	VSIG10L	nonsynonymous SNV	VSIG10L:NM_001163922:exon3:c.G1068A:p.M356I	NA	rs7259266	NA
chr19	51850290	51850290	G	A	exonic	ETFB	nonsynonymous SNV	_001014763:exon4:c.C734T:p.T245M,ETFB:NM_001985:exon5:c.C461T	NA	rs1130426	P
chr19	52132668	52132668	T	C	exonic	SIGLEC5	nonsynonymous SNV	SIGLEC5:NM_003830:exon3:c.A643G:p.M215V	=COSM1129737;OCCURENCE=1(prostat	rs1807124	B
chr19	52197556	52197556	-	AGACTCAC	ncRNA_exonic	LINC00085	NA	NA	NA	rs150736418	NA
chr19	53381429	53381429	G	T	UTR3	ZNF320	NA	NA	NA	rs2162919	NA
chr19	53381495	53381507 TTTTTTTT	-	-	UTR3	ZNF320	NA	NA	NA	rs71183850	NA
chr19	53431516	53431516	T	C	ncRNA_exonic	ZNF321P	NA	NA	NA	rs12984436	NA
chr19	53667387	53667387	T	-	UTR3	ZNF665	NA	NA	NA	rs35735454	NA
chr19	53761591	53761591	T	G	UTR5	VN1R2	NA	NA	NA	rs61576844	NA
chr19	53914545	53914545	-	T	UTR3	ZNF765	NA	NA	NA	NA	NA
chr19	53945959	53945959	T	C	ncRNA_exonic	TPM3P9	NA	NA	NA	rs113488663	NA

chr19	54378026	54378026	T	-	UTR3	MYADM	NA	NA	NA	rs67727940	NA
chr19	54378030	54378030	T	C	UTR3	MYADM	NA	NA	NA	rs200046918	NA
chr19	54378454	54378467	TGTGTGTG	-	UTR3	MYADM	NA	NA	NA	NA	NA
chr19	54693602	54693602	C	T	UTR5	MBOAT7	NA	NA	NA	NA	NA
chr19	54698196	54698198	GGA	-	UTR3	TSEN34	NA	NA	NA	rs146122151	NA
chr19	54724407	54724407	C	T	exonic	LILRB3	nonsynonymous SNV	01081450:exon6:c.G1249A:p.V417M,LILRB3:NM_006864:exon6:c.G12	NA	rs1132608	B
chr19	54724411	54724411	C	T	exonic	LILRB3	synonymous SNV	001081450:exon6:c.G1245A:p.E415E,LILRB3:NM_006864:exon6:c.G12	NA	rs1132607	NA
chr19	54724430	54724430	T	A	exonic	LILRB3	nonsynonymous SNV	001081450:exon6:c.A1226T:p.H409L,LILRB3:NM_006864:exon6:c.A12	NA	rs1132606	B
chr19	54725745	54725745	A	G	exonic	LILRB3	nonsynonymous SNV	_001081450:exon4:c.T613C:p.W205R,LILRB3:NM_006864:exon4:c.T61:	NA	rs1052973	B
chr19	54725755	54725755	T	C	exonic	LILRB3	synonymous SNV	_001081450:exon4:c.A603G:p.T201T,LILRB3:NM_006864:exon4:c.A60:	NA	rs1052971	NA
chr19	54725756	54725756	G	A	exonic	LILRB3	nonsynonymous SNV	4_001081450:exon4:c.C602T:p.T201I,LILRB3:NM_006864:exon4:c.C60:	NA	rs1052970	B
chr19	54726870	54726870	C	G	UTR5	LILRB3	NA	NA	NA	rs117942579	NA
chr19	54745978	54745978	T	C	exonic	LILRA6	synonymous SNV	LILRA6:NM_024318:exon3:c.A279G:p.A93A	NA	rs1052964	NA
chr19	54745989	54745989	G	C	exonic	LILRA6	nonsynonymous SNV	LILRA6:NM_024318:exon3:c.C268G:p.Q90E	NA	rs1052963	NA
chr19	54948053	54948053	A	-	downstream	TTYH1	NA	NA	NA	NA	NA
chr19	54962467	54962467	G	A	UTR5	LENG8	NA	NA	NA	rs1035451	NA
chr19	54974167	54974167	A	C	exonic	LENG9	synonymous SNV	LENG9:NM_198988:exon1:c.T609G:p.G203G	NA	NA	NA
chr19	55241209	55241209	C	T	exonic	KIR3DL3	synonymous SNV	KIR3DL3:NM_153443:exon5:c.C906T:p.H302H	NA	rs34847288	NA
chr19	55247987	55247987	-	:CTTTCCTC/	UTR3	KIR3DL3	NA	NA	NA	NA	NA
chr19	55253465	55253465	C	G	exonic	KIR2DL3	nonsynonymous SNV	KIR2DL3:NM_015868:exon3:c.C110G:p.P37R	NA	rs201272358	NA
chr19	55253544	55253544	A	G	exonic	KIR2DL3	synonymous SNV	KIR2DL3:NM_015868:exon3:c.A189G:p.E63E	NA	rs34790392	NA
chr19	55253552	55253552	T	A	exonic	KIR2DL3	nonsynonymous SNV	KIR2DL3:NM_015868:exon3:c.T197A:p.F66Y	ID=COSM321259;OCCURENCE=1(lung)	rs673568	NA
chr19	55253601	55253601	G	A	exonic	KIR2DL3	synonymous SNV	KIR2DL3:NM_015868:exon3:c.G246A:p.K82K	NA	rs201337670	NA
chr19	55294454	55294454	C	T	exonic	KIR2DL1	nonsynonymous SNV	KIR2DL1:NM_014218:exon6:c.C796T:p.R266C	NA	rs151328241	NA
chr19	55330019	55330019	C	T	exonic	KIR3DL1	nonsynonymous SNV	KIR3DL1:NM_013289:exon3:c.C320T:p.S107L	NA	rs143159382	NA
chr19	55358681	55358681	T	A	exonic	KIR2DS4	unknown	UNKNOWN	NA	NA	NA
chr19	55359227	55359227	A	G	exonic	KIR2DS4	unknown	UNKNOWN	NA	rs199738147	NA
chr19	55359654	55359654	C	G	UTR3	KIR2DS4	NA	NA	NA	rs1743310	NA
chr19	55359891	55359891	A	G	UTR3	KIR2DS4	NA	NA	NA	NA	NA
chr19	55359921	55359921	-	TGTTTCAC/	UTR3	KIR2DS4	NA	NA	NA	NA	NA
chr19	55359931	55359931	C	T	UTR3	KIR2DS4	NA	NA	NA	NA	NA
chr19	55359934	55359934	T	C	UTR3	KIR2DS4	NA	NA	NA	NA	NA
chr19	55359996	55359996	C	T	UTR3	KIR2DS4	NA	NA	NA	NA	NA
chr19	55401412	55401412	T	C	UTR3	FCAR	NA	NA	NA	rs59103589	NA
chr19	55401447	55401447	G	T	UTR3	FCAR	NA	NA	NA	rs58560391	NA
chr19	55401474	55401474	T	C	UTR3	FCAR	NA	NA	NA	rs60304316	NA
chr19	55401481	55401481	A	G	UTR3	FCAR	NA	NA	NA	rs59309328	NA
chr19	55424424	55424426	TTT	-	UTR3	NCR1	NA	NA	NA	rs200857637	NA
chr19	55435140	55435140	T	C	exonic	NLRP7	nonsynonymous SNV	p.T971A,NLRP7:NM_001127255:exon11:c.A3082G:p.T1028A,NLRP7:NI	NA	rs7256020	B
chr19	55441995	55441995	A	G	exonic	NLRP7	synonymous SNV	:682C:p.Y894Y,NLRP7:NM_139176:exon9:c.T2598C:p.Y866Y,NLRP7:NM	NA	rs269951	NA
chr19	55715309	55715309	C	T	exonic	PTPRH	nonsynonymous SNV	PTPRH:NM_002842:exon5:c.G727A:p.V243I	NA	rs45535035	B
chr19	55715319	55715319	C	G	exonic	PTPRH	synonymous SNV	PTPRH:NM_002842:exon5:c.G717C:p.S239S	NA	rs9304763	NA
chr19	55873642	55873642	C	T	exonic	FAM71E2	nonsynonymous SNV	FAM71E2:NM_001145402:exon3:c.G535A:p.E179K	NA	rs4252574	NA
chr19	55987871	55987871	A	C	UTR5	ZNF628	NA	NA	NA	rs11667987	NA
chr19	56029616	56029616	-	CCA	exonic	SSC5D	nonframeshift insertion	SSC5D:NM_001144950:exon14:c.3973_3974insCCA:p.P1325delinsPT	NA	rs150781976	NA
chr19	56047448	56047448	A	G	exonic	SBK2	nonsynonymous SNV	SBK2:NM_001101401:exon2:c.T214C:p.C72R	NA	rs310453	B
chr19	56162776	56162776	C	T	exonic	CCDC106	synonymous SNV	CCDC106:NM_013301:exon5:c.C441T:p.S147S	NA	rs2287791	NA
chr19	56171893	56171893	G	C	exonic	U2AF2	nonsynonymous SNV	4_001012478:exon4:c.G242C:p.R81P,U2AF2:NM_007279:exon4:c.G24	NA	NA	B
chr19	56388364	56388364	T	A	exonic	NLRP4	stopgain SNV	NLRP4:NM_134444:exon8:c.T2528A:p.L843X	NA	NA	NA
chr19	56499769	56499769	A	G	UTR3	NLRP8	NA	NA	NA	rs76087581	NA
chr19	57019251	57019253	CTT	-	UTR5	ZNF471	NA	NA	NA	rs202156180	NA
chr19	57039314	57039314	A	G	UTR3	ZNF471	NA	NA	NA	rs960996	NA
chr19	57039791	57039791	A	-	UTR3	ZNF471	NA	NA	NA	rs5828685	NA
chr19	57050515	57050515	C	G	exonic	ZFP28	nonsynonymous SNV	ZFP28:NM_020828:exon1:c.C128G:p.A43G	NA	rs7258088	B
chr19	57079083	57079083	T	C	UTR5	ZNF470	NA	NA	NA	rs62124111	NA
chr19	57091966	57091966	-	TT	UTR3	ZNF470	NA	NA	NA	NA	NA
chr19	57135240	57135240	A	G	UTR3	ZNF71	NA	NA	NA	rs76311202	NA
chr19	57703077	57703077	T	G	UTR5	ZNF264	NA	NA	NA	rs2302058	NA
chr19	57733715	57733719	AAAAA	-	UTR3	ZNF264	NA	NA	NA	NA	NA
chr19	57841082	57841082	G	A	UTR3	ZNF543	NA	NA	NA	rs78764250	NA
chr19	57890360	57890360	T	C	UTR3	ZNF547	NA	NA	NA	rs8100747	NA
chr19	57922664	57922664	T	C	UTR5	ZNF17	NA	NA	NA	rs4801480	NA
chr19	58220579	58220579	-	C	UTR5	ZNF154	NA	NA	NA	rs112786452	NA
chr19	58231745	58231745	A	G	UTR3	ZNF671	NA	NA	NA	NA	NA
chr19	58638852	58638852	A	-	UTR3	ZNF329	NA	NA	NA	NA	NA
chr19	58790359	58790359	C	A	UTR5	ZNF8	NA	NA	NA	rs11666156	NA

chr19	58968875	58968875	A	C	UTR3	ZNF324B	NA	NA	NA	rs1077420	NA
chr19	59028629	59028629	T	G	exonic	ZBTB45	nonsynonymous SNV	ZBTB45:NM_032792:exon2:c.A412C:p.T138P	NA	NA	B
chr19	59085786	59085786	-	C	ncRNA_exonic	LOC100131691	NA	NA	NA	rs201939924	NA
chr19	59093604	59093604	A	-	ncRNA_exonic	MGC2752	NA	NA	NA	NA	NA
chr20	309162	309162	T	-	UTR3	SOX12	NA	NA	NA	rs5839854	NA
chr20	361316	361316	A	G	UTR5	TRIB3	NA	NA	NA	rs7261666	NA
chr20	361323	361323	T	C	UTR5	TRIB3	NA	NA	NA	rs7263534	NA
chr20	825318	825318	-	T	UTR5	FAM110A	NA	NA	NA	NA	NA
chr20	939130	939130	T	A	UTR3	RSPO4	NA	NA	NA	rs480012	NA
chr20	1286474	1286474	T	G	exonic	SNPH	nonsynonymous SNV	SNPH:NM_014723:exon6:c.T1261G:p.W421G	NA	NA	D
chr20	1551485	1551485	C	T	exonic	SIRPB1	synonymous SNV	SIRPB1:NM_006065:exon4:c.G1050A:p.A350A	NA	rs2254458	NA
chr20	1615959	1615959	T	C	exonic	SIRPG	synonymous SNV	SIRPG:NM_018556:exon4:c.A1035G:p.L345L	NA	rs9305125	NA
chr20	1895950	1895950	C	G	exonic	SIRPA	nonsynonymous SNV	:285G:p.D95E,SIRPA:NM_001040022:exon3:c.C285G:p.D95E,SIRPA:NM	NA	rs1135200	B
chr20	1895951	1895951	C	T	exonic	SIRPA	nonsynonymous SNV	.C286T:p.L96F,SIRPA:NM_001040022:exon3:c.C286T:p.L96F,SIRPA:NM	NA	rs149634649	B
chr20	1895952	1895952	T	C	exonic	SIRPA	nonsynonymous SNV	T287C:p.L96P,SIRPA:NM_001040022:exon3:c.T287C:p.L96P,SIRPA:NM	NA	rs146163282	B
chr20	1895963	1895963	A	G	exonic	SIRPA	nonsynonymous SNV	18G:p.N100D,SIRPA:NM_001040022:exon3:c.A298G:p.N100D,SIRPA:NI	NA	rs17855613	B
chr20	1895965	1895965	C	A	exonic	SIRPA	nonsynonymous SNV	30A:p.N100K,SIRPA:NM_001040022:exon3:c.C300A:p.N100K,SIRPA:NI	NA	rs17855614	B
chr20	1895984	1895984	C	A	exonic	SIRPA	nonsynonymous SNV	:19A:p.R107S,SIRPA:NM_001040022:exon3:c.C319A:p.R107S,SIRPA:NM	NA	rs17855615	P
chr20	1895990	1895990	G	A	exonic	SIRPA	nonsynonymous SNV	25A:p.G109S,SIRPA:NM_001040022:exon3:c.G325A:p.G109S,SIRPA:NI	NA	rs1135202	B
chr20	2945759	2945759	C	T	exonic	PTPRA	nonsynonymous SNV	326T:p.P109L,PTPRA:NM_080841:exon5:c.C326T:p.P109L,PTPRA:NM_0=	COSM149129;OCCURENCE=1(stomacl	rs1178027	D
chr20	3089363	3089363	GA	-	ncRNA_UTR3	UBOX5	NA	NA	NA	rs142269465	NA
chr20	3204434	3204434	G	T	UTR3	ITPA	NA	NA	NA	NA	NA
chr20	3515924	3515924	G	A	exonic	ATRN	synonymous SNV	G87A:p.V29V,ATRN:NM_139321:exon2:c.G435A:p.V145V,ATRN:NM_1	NA	rs151518	NA
chr20	3515951	3515951	C	T	exonic	ATRN	synonymous SNV	:C114T:p.Y38Y,ATRN:NM_139321:exon2:c.C462T:p.Y154Y,ATRN:NM_1	NA	rs151519	NA
chr20	3564672	3564672	C	T	exonic	ATRN	synonymous SNV	:544T:p.Y848Y,ATRN:NM_139321:exon17:c.C2892T:p.Y964Y,ATRN:NM	NA	rs235540	NA
chr20	3677736	3677736	T	G	exonic	SIGLEC1	synonymous SNV	SIGLEC1:NM_023068:exon9:c.A2376C:p.V792V	NA	rs673114	NA
chr20	3762095	3762095	T	C	UTR5	SPEF1	NA	NA	NA	rs2281479	NA
chr20	4666924	4666924	C	G	UTR5	PRNP	NA	NA	NA	rs13040327	NA
chr20	4708730	4708730	T	C	UTR3	PRND	NA	NA	NA	rs186333650	NA
chr20	5454400	5454400	A	T	ncRNA_exonic	LOC643406	NA	NA	NA	rs56059321	NA
chr20	5481480	5481480	C	T	ncRNA_exonic	LINC00654	NA	NA	NA	NA	NA
chr20	5482058	5482058	C	T	ncRNA_exonic	LINC00654	NA	NA	NA	rs201872341	NA
chr20	5482103	5482103	T	C	ncRNA_exonic	LINC00654	NA	NA	NA	rs200323153	NA
chr20	5482155	5482155	T	C	ncRNA_exonic	LINC00654	NA	NA	NA	rs113305726	NA
chr20	6104068	6104068	C	T	UTR5	FERMT1	NA	NA	NA	rs2295433	NA
chr20	10037110	10037110	-	GATA	ncRNA_UTR3	ANKEF1	NA	NA	NA	rs5840352	NA
chr20	10654563	10654563	A	C	UTR5	JAG1	NA	NA	NA	rs1051412	NA
chr20	13695607	13695607	T	G	exonic	ESF1	nonsynonymous SNV	:01276380:exon14:c.A2470C:p.I824L,ESF1:NM_016649:exon14:c.A247	NA	rs34414644	B
chr20	13747441	13747441	A	G	exonic	ESF1	nonsynonymous SNV	_001276380:exon8:c.T1649C:p.I550T,ESF1:NM_016649:exon8:c.T1649	NA	rs3180370	B
chr20	17932210	17932210	C	T	exonic	SNX5	synonymous SNV	V_014426:exon6:c.G543A:p.E181E,SNX5:NM_152227:exon7:c.G543A:	NA	rs2273448	NA
chr20	17971053	17971053	-	G	UTR3	MGME1	NA	NA	NA	NA	NA
chr20	19982007	19982011	TTTTT	-	UTR3	RIN2	NA	NA	NA	NA	NA
chr20	22542568	22542575	GAAAGAAA	-	ncRNA_exonic	LINC00261	NA	NA	NA	NA	NA
chr20	23966378	23966378	A	G	exonic	GGTLC1	nonsynonymous SNV	1_178311:exon5:c.T457C:p.W153R,GGTLC1:NM_178312:exon5:c.T457	NA	rs3954815	B
chr20	23966384	23966384	C	T	exonic	GGTLC1	nonsynonymous SNV	1_178311:exon5:c.G451A:p.V151M,GGTLC1:NM_178312:exon5:c.G451	NA	rs140956367	B
chr20	25124088	25124088	G	A	ncRNA_exonic	LOC284798	NA	NA	NA	rs6050363	NA
chr20	25754574	25754581	ATATATAT	-	ncRNA_exonic	FAM182B	NA	NA	NA	NA	NA
chr20	25755940	25755940	G	T	ncRNA_exonic	FAM182B	NA	NA	NA	rs79936808	NA
chr20	26061803	26061803	C	A	ncRNA_exonic	FAM182A	NA	NA	NA	rs78281752	NA
chr20	26063547	26063547	G	T	ncRNA_exonic	FAM182A	NA	NA	NA	NA	NA
chr20	26063560	26063560	G	A	ncRNA_exonic	FAM182A	NA	NA	NA	rs5742261	NA
chr20	26063577	26063577	C	T	ncRNA_exonic	FAM182A	NA	NA	NA	rs201158839	NA
chr20	26063579	26063579	C	A	ncRNA_exonic	FAM182A	NA	NA	NA	rs201752002	NA
chr20	26063612	26063612	C	T	ncRNA_exonic	FAM182A	NA	NA	NA	NA	NA
chr20	26063665	26063665	G	A	ncRNA_exonic	FAM182A	NA	NA	NA	NA	NA
chr20	26063726	26063726	T	C	ncRNA_exonic	FAM182A	NA	NA	NA	rs199551690	NA
chr20	26063729	26063729	G	T	ncRNA_exonic	FAM182A	NA	NA	NA	NA	NA
chr20	26063752	26063752	T	C	ncRNA_exonic	FAM182A	NA	NA	NA	rs78544920	NA
chr20	26063805	26063805	A	G	ncRNA_exonic	FAM182A	NA	NA	NA	rs78113344	NA
chr20	26064303	26064303	G	C	ncRNA_exonic	FAM182A	NA	NA	NA	rs200946927	NA
chr20	26064305	26064305	A	G	ncRNA_exonic	FAM182A	NA	NA	NA	rs201971148	NA
chr20	26064328	26064328	G	T	ncRNA_exonic	FAM182A	NA	NA	NA	rs140014678	NA
chr20	26064330	26064330	C	T	ncRNA_exonic	FAM182A	NA	NA	NA	rs151022794	NA
chr20	26064408	26064408	T	A	ncRNA_exonic	FAM182A	NA	NA	NA	NA	NA
chr20	29623156	29623156	G	A	ncRNA_exonic	FRG1B	NA	NA	NA	rs62198335	NA
chr20	29625984	29625984	T	C	ncRNA_exonic	FRG1B	NA	NA	NA	rs80066412	NA

chr20	29631613	29631613	T	C	ncRNA_exonic	FRG1B	NA	NA	NA	rs199635479	NA
chr20	29631614	29631614	G	A	ncRNA_exonic	FRG1B	NA	NA	NA	rs200793872	NA
chr20	29632638	29632638	C	A	ncRNA_exonic	FRG1B	NA	NA	NA	rs9647043	NA
chr20	29632674	29632674	-	A	ncRNA_exonic	FRG1B	NA	NA	NA	rs138867112	NA
chr20	29633915	29633915	C	T	ncRNA_exonic	FRG1B	NA	NA	NA	rs4066495	NA
chr20	30433228	30433228	T	G	exonic	FOXS1	nonsynonymous SNV	FOXS1:NM_004118:exon1:c.A118C:p.T40P	NA	NA	D
chr20	31505189	31505189	C	T	intergenic	RE1(dist=66978),SUN5(dist=66978)	NA	NA	NA	rs13043425	NA
chr20	31627291	31627291	A	G	exonic	BPIFB6	nonsynonymous SNV	BPIFB6:NM_174897:exon10:c.A1039G:p.S347G	NA	rs4911287	B
chr20	31656632	31656632	C	G	exonic	BPIFB3	nonsynonymous SNV	BPIFB3:NM_182658:exon10:c.C1002G:p.H334Q	NA	rs6057717	P
chr20	31676804	31676804	A	C	exonic	BPIFB4	nonsynonymous SNV	BPIFB4:NM_182519:exon6:c.A959C:p.N320T	NA	rs2889732	D
chr20	31790318	31790318	G	T	ncRNA_exonic	BPIFA4P	NA	NA	NA	NA	NA
chr20	32378915	32378915	C	T	exonic	ZNF341	synonymous SNV	ZNF341:NM_032819:exon15:c.C2136T:p.G712G	NA	NA	NA
chr20	33470694	33470694	C	T	exonic	ACSS2	synonymous SNV	VI_001076552:exon2:c.C276T:p.F92F,ACSS2:NM_018677:exon2:c.C276T:p.F92F	NA	rs4911163	NA
chr20	33872109	33872109	A	C	exonic	EIF6	nonsynonymous SNV	EIF6:NM_181466:exon2:c.T182G:p.V61G	NA	NA	NA
chr20	33873827	33873827	T	-	UTR3	FAM83C	NA	NA	NA	rs11346452	NA
chr20	34633828	34633828	A	-	ncRNA_exonic	LINC00657	NA	NA	NA	NA	NA
chr20	35740794	35740794	T	C	exonic	MROH8	unknown	UNKNOWN	NA	rs1744760	NA
chr20	35807790	35807790	-	GGCCCGC	exonic	MROH8	unknown	UNKNOWN	NA	NA	NA
chr20	36033692	36033692	A	C	UTR3	SRC	NA	NA	NA	NA	NA
chr20	36033745	36033745	C	G	UTR3	SRC	NA	NA	NA	NA	NA
chr20	42170327	42170327	C	T	UTR3	L3MBTL1	NA	NA	NA	rs1062943	NA
chr20	43707209	43707209	T	-	UTR3	STK4	NA	NA	NA	rs34932056	NA
chr20	43933163	43933163	T	C	exonic	MATN4	synonymous SNV	8G:p.A116A,MATN4:NM_030590:exon3:c.A348G:p.A116A,MATN4:NM_030590:exon3:c.A348G:p.A116A	NA	rs2233094	NA
chr20	43954939	43954939	A	-	UTR3	SDC4	NA	NA	NA	rs3091706	NA
chr20	44141202	44141202	CACACA	-	UTR3	SPINT3	NA	NA	NA	rs201209920	NA
chr20	44512996	44512996	C	T	UTR3	ZSWIM1	NA	NA	NA	NA	NA
chr20	46284869	46284869	-	T	UTR3	NCOA3	NA	NA	NA	NA	NA
chr20	46998794	46998794	-	A	ncRNA_exonic	LINC00494	NA	NA	NA	NA	NA
chr20	48570261	48570261	A	G	UTR3	RNF114	NA	NA	NA	rs141239729	NA
chr20	48604985	48604985	A	C	UTR3	SNAI1	NA	NA	NA	rs1063211	NA
chr20	50214746	50214746	T	G	UTR3	ATP9A	NA	NA	NA	NA	NA
chr20	50768400	50768400	A	C	UTR3	ZFP64	NA	NA	NA	NA	NA
chr20	52184384	52184384	T	A	UTR3	ZNF217	NA	NA	NA	rs718889	NA
chr20	52560856	52560856	TT	-	UTR3	BCAS1	NA	NA	NA	NA	NA
chr20	52836074	52836074	T	C	UTR3	PFDN4	NA	NA	NA	rs6023044	NA
chr20	55940426	55940426	G	A	exonic	RAE1	synonymous SNV	_001015885:exon5:c.G303A:p.V101V,RAE1:NM_003610:exon5:c.G303A:p.V101V	NA	rs6099582	NA
chr20	56141218	56141218	TG	-	UTR3	PCK1	NA	NA	NA	rs59710283	NA
chr20	56141291	56141291	T	C	UTR3	PCK1	NA	NA	NA	rs28359554	NA
chr20	57253695	57253695	-	AA	ncRNA_UTR3	STX16	NA	NA	NA	NA	NA
chr20	57415823	57415823	C	A	exonic	GNAS	nonsynonymous SNV	GNAS:NM_016592:exon1:c.C662A:p.P221Q	NA	NA	D
chr20	57429696	57429696	C	G	exonic	GNAS	nonsynonymous SNV	001077490:exon1:c.C1189G:p.L397V,GNAS:NM_080425:exon1:c.C137G:p.L397V	NA	rs148033592	NA
chr20	57429715	57429715	A	C	exonic	GNAS	nonsynonymous SNV	GNAS:NM_001077490:exon1:c.A1208C:p.Q403P	NA	rs56213454	NA
chr20	57429718	57429718	T	C	exonic	GNAS	nonsynonymous SNV	GNAS:NM_001077490:exon1:c.T1211C:p.M404T	NA	NA	NA
chr20	57429719	57429719	G	T	exonic	GNAS	nonsynonymous SNV	001077490:exon1:c.G1212T:p.M404I,GNAS:NM_080425:exon1:c.G139C:p.M404I	NA	rs56371919	NA
chr20	57571763	57571763	A	G	exonic	CTSZ	synonymous SNV	CTSZ:NM_001336:exon5:c.T732C:p.S244S	NA	rs9760	NA
chr20	57609945	57609945	C	A	ncRNA_UTR3	SLMO2	NA	NA	NA	NA	NA
chr20	57609945	57609945	-	A	ncRNA_UTR3	SLMO2	NA	NA	NA	NA	NA
chr20	58442826	58442826	C	A	exonic	SYCP2	synonymous SNV	SYCP2:NM_014258:exon38:c.G4065T:p.G1355G	NA	rs6070981	NA
chr20	60709531	60709531	T	-	UTR3	LSM14B	NA	NA	NA	rs11477488	NA
chr20	60897487	60897487	C	T	exonic	LAMA5	nonsynonymous SNV	LAMA5:NM_005560:exon47:c.G6184A:p.D2062N	NA	rs2274934	P
chr20	60908279	60908279	A	G	exonic	LAMA5	nonsynonymous SNV	LAMA5:NM_005560:exon26:c.T3149C:p.L1050P	NA	NA	D
chr20	60908282	60908282	T	G	exonic	LAMA5	nonsynonymous SNV	LAMA5:NM_005560:exon26:c.A3146C:p.H1049P	NA	NA	D
chr20	61040453	61040453	C	G	exonic	GATA5	synonymous SNV	GATA5:NM_080473:exon6:c.G981C:p.S327S	NA	rs6061243	NA
chr20	61431557	61431557	A	C	UTR3	MRGBP	NA	NA	NA	rs7397	NA
chr20	61732917	61732917	-	CTCC	ncRNA_exonic	HAR1A	NA	NA	NA	rs111489452	NA
chr20	61733058	61733058	C	T	ncRNA_exonic	HAR1A	NA	NA	NA	rs199531153	NA
chr20	61733262	61733262	C	A	ncRNA_exonic	HAR1A	NA	NA	NA	rs6122371	NA
chr20	61888814	61888814	G	C	ncRNA_exonic	FLJ16779	NA	NA	NA	NA	NA
chr20	62037879	62037879	A	C	UTR3	KCNQ2	NA	NA	NA	NA	NA
chr20	62037884	62037884	T	C	UTR3	KCNQ2	NA	NA	NA	NA	NA
chr20	62038277	62038277	T	G	exonic	KCNQ2	nonsynonymous SNV	_172106:exon16:c.A2285C:p.N762T,KCNQ2:NM_172108:exon16:c.A2285C:p.N762T	NA	rs1801475	B
chr20	62370295	62370295	T	C	UTR3	LIME1	NA	NA	NA	NA	NA
chr20	62378121	62378121	C	T	UTR3	ZBTB46	NA	NA	NA	rs35982738	NA
chr20	62591140	62591140	T	G	UTR3	ZNF512B	NA	NA	NA	NA	NA
chr21	9907345	9907345	C	T	ncRNA_exonic	TEKT4P2	NA	NA	NA	rs3694	NA
chr21	9968544	9968544	C	G	ncRNA_exonic	TEKT4P2	NA	NA	NA	rs14244	NA

chr21	14424534	14424534	A	C	ncRNA_exonic	ANKRD30BP2	NA	NA	NA	NA	NA
chr21	14439197	14439197	G	C	ncRNA_exonic	ANKRD30BP2	NA	NA	NA	rs184573568	NA
chr21	15558346	15558346	G	A	exonic	LIPI	synonymous SNV	LIPI:NM_198996:exon3:c.C540T:p.S180S	NA	rs397517	NA
chr21	15646405	15646405	C	A	ncRNA_exonic	ABCC13	NA	NA	NA	rs2236001	NA
chr21	26969703	26969703	T	C	exonic	MRPL39	synonymous SNV	M_017446:exon6:c.A612G:p.K204K,MRPL39:NM_080794:exon6:c.A61:	NA	rs1135618	NA
chr21	27253248	27253248	T	C	UTR3	APP	NA	NA	NA	NA	NA
chr21	27253253	27253253	A	C	UTR3	APP	NA	NA	NA	NA	NA
chr21	27253262	27253262	G	C	UTR3	APP	NA	NA	NA	NA	NA
chr21	28338997	28338997	T	G	UTR5	ADAMTS5	NA	NA	NA	NA	NA
chr21	29912452	29912452	C	A	ncRNA_exonic	LINC00161	NA	NA	NA	rs2150392	NA
chr21	31964885	31964885	T	G	exonic	KRTAP6-3	nonsynonymous SNV	KRTAP6-3:NM_181605:exon1:c.T121G:p.C41G	NA	NA	NA
chr21	33043422	33043422	A	-	UTR3	SCAF4	NA	NA	NA	rs71772238	NA
chr21	34164046	34164046	A	-	ncRNA_UTR3	C21orf62	NA	NA	NA	NA	NA
chr21	34443831	34443831	T	G	UTR3	OLIG1	NA	NA	NA	NA	NA
chr21	34669259	34669259	A	-	UTR3	IL10RB	NA	NA	NA	NA	NA
chr21	34923934	34923934	T	C	exonic	SON	synonymous SNV	M_032195:exon3:c.T2397C:p.S799S,SON:NM_138927:exon3:c.T2397C:30344,COSM1030343;OCCURENCE=2(er	rs200724919	NA	NA
chr21	35237608	35237608	T	C	exonic	ITSN1	synonymous SNV	ITSN1:NM_003024:exon32:c.T4044C:p.D1348D	NA	rs9976801	NA
chr21	35561665	35561665	A	G	ncRNA_exonic	LINC00310	NA	NA	NA	rs6517211	NA
chr21	35736384	35736384	G	A	UTR5	KCNE2	NA	NA	NA	rs41260744	NA
chr21	36089160	36089160	-	CACACA	UTR3	CLIC6	NA	NA	NA	NA	NA
chr21	37518850	37518850	G	A	ncRNA_UTR3	CBR3	NA	NA	NA	rs34911362	NA
chr21	38121746	38121750	TGACT	-	UTR3	SIM2	NA	NA	NA	rs113168269	NA
chr21	38121750	38121750	T	-	UTR3	SIM2	NA	NA	NA	rs61018468	NA
chr21	38885228	38885229	TT	-	UTR3	DYRK1A	NA	NA	NA	NA	NA
chr21	40557441	40557442	CT	-	UTR3	BRWD1	NA	NA	NA	rs202009663	NA
chr21	42551109	42551109	T	G	exonic	PLAC4	synonymous SNV	PLAC4:NM_182832:exon1:c.A447C:p.S149S	NA	NA	NA
chr21	43131734	43131734	T	A	ncRNA_exonic	LINC00479	NA	NA	NA	rs2838094	NA
chr21	43306769	43306769	T	-	UTR3	C2CD2	NA	NA	NA	rs11347156	NA
chr21	44438244	44438244	T	G	exonic	PKNOX1	synonymous SNV	PKNOX1:NM_004571:exon7:c.T624G:p.G208G	NA	NA	NA
chr21	44451935	44451935	-	A	UTR3	PKNOX1	NA	NA	NA	rs138842830	NA
chr21	44838948	44838948	T	G	exonic	SIK1	nonsynonymous SNV	SIK1:NM_173354:exon11:c.A1415C:p.H472P	NA	NA	NA
chr21	45177868	45177868	T	-	UTR3	PDXK	NA	NA	NA	NA	NA
chr21	45230317	45230317	T	C	ncRNA_exonic	LOC284837	NA	NA	NA	NA	NA
chr21	45230318	45230318	G	C	ncRNA_exonic	LOC284837	NA	NA	NA	NA	NA
chr21	45230345	45230345	G	C	ncRNA_exonic	LOC284837	NA	NA	NA	NA	NA
chr21	45538647	45538647	T	C	exonic	PWP2	synonymous SNV	PWP2:NM_005049:exon9:c.T984C:p.I328I	NA	rs756553	NA
chr21	45647837	45647853	ACCACCCC	-	UTR3	ICOSLG	NA	NA	NA	rs67226187	NA
chr21	45732175	45732175	A	G	exonic	PFKL	nonsynonymous SNV	PFKL:NM_002626:exon4:c.A425G:p.E142G	NA	NA	B
chr21	45811294	45811294	A	C	exonic	TRPM2	nonsynonymous SNV	TRPM2:NM_003307:exon11:c.A1580C:p.D527A	NA	NA	B
chr21	46058252	46058252	C	A	UTR3	KRTAP10-10	NA	NA	NA	rs142579519	NA
chr21	46058255	46058255	T	A	UTR3	KRTAP10-10	NA	NA	NA	rs117595201	NA
chr21	46058257	46058257	G	A	UTR3	KRTAP10-10	NA	NA	NA	rs112728315	NA
chr21	47603591	47603591	A	G	UTR5	SPATC1L	NA	NA	NA	NA	NA
chr21	47603676	47603676	C	G	UTR5	SPATC1L	NA	NA	NA	NA	NA
chr21	47670633	47670633	C	G	ncRNA_exonic	MCM3AP-AS1	NA	NA	NA	rs4818829	NA
chr21	47671275	47671275	-	AAT	ncRNA_exonic	MCM3AP-AS1	NA	NA	NA	rs17176758	NA
chr21	47855876	47855876	A	G	exonic	PCNT	synonymous SNV	PCNT:NM_006031:exon39:c.A8811G:p.T2937T	NA	rs17371795	NA
chr22	17469049	17469049	C	A	exonic	GAB4	stopgain SNV	GAB4:NM_001037814:exon3:c.G487T:p.G163X	NA	rs28502153	NA
chr22	18300879	18300879	G	A	exonic	MICAL3	synonymous SNV	MICAL3:NM_015241:exon26:c.C4548T:p.S1516S	NA	rs11704809	NA
chr22	18519998	18519998	T	C	ncRNA_exonic	FLJ41941	NA	NA	NA	rs465508	NA
chr22	18520582	18520582	G	A	ncRNA_exonic	FLJ41941	NA	NA	NA	rs975826	NA
chr22	18775061	18775061	G	A	ncRNA_exonic	GGT3P	NA	NA	NA	rs189425726	NA
chr22	18779428	18779428	A	G	ncRNA_exonic	GGT3P	NA	NA	NA	rs111623219	NA
chr22	19025396	19025396	T	G	UTR3	DGCR2	NA	NA	NA	NA	NA
chr22	19025446	19025446	T	C	UTR3	DGCR2	NA	NA	NA	NA	NA
chr22	19511925	19511925	G	A	exonic	CLDN5	stopgain SNV	M_001130861:exon1:c.C109T:p.Q37X,CLDN5:NM_003277:exon2:c.C10	NA	rs885985	NA
chr22	20098887	20098887	C	T	UTR3	DGCR8	NA	NA	NA	NA	NA
chr22	20387276	20387276	A	G	ncRNA_exonic	PI4KAP1	NA	NA	NA	rs2629350	NA
chr22	20390444	20390444	A	G	ncRNA_exonic	PI4KAP1	NA	NA	NA	rs1892850	NA
chr22	20394526	20394526	C	T	ncRNA_exonic	PI4KAP1	NA	NA	NA	rs201289136	NA
chr22	21242600	21242603	CACA	-	UTR3	SNAP29	NA	NA	NA	rs34474453	NA
chr22	21244940	21244940	A	G	UTR3	SNAP29	NA	NA	NA	rs165739	NA
chr22	21327589	21327589	C	T	exonic	AIFM3	nonsynonymous SNV	AIFM3:NM_001146288:exon3:c.C43T:p.P15S	NA	rs178264	NA
chr22	21369454	21369454	A	G	UTR5	P2RX6	NA	NA	NA	rs71314758	NA
chr22	21638109	21638109	A	G	ncRNA_exonic	POM121L8P	NA	NA	NA	rs199883726	NA
chr22	21641886	21641886	G	A	ncRNA_exonic	POM121L8P	NA	NA	NA	rs60992581	NA

chr22	21649456	21649456	G	A	ncRNA_exonic	POM121L8P	NA	NA	NA	rs111255493	NA
chr22	21649845	21649845	A	-	ncRNA_exonic	POM121L8P	NA	NA	NA	NA	NA
chr22	21650235	21650235	G	A	ncRNA_exonic	POM121L8P	NA	NA	NA	rs478288	NA
chr22	21650770	21650770	C	T	ncRNA_exonic	POM121L8P	NA	NA	NA	rs680955	NA
chr22	21802007	21802007	T	G	UTR3	HIC2	NA	NA	NA	NA	NA
chr22	21802070	21802070	-	GT	UTR3	HIC2	NA	NA	NA	rs142556171	NA
chr22	22054753	22054753	A	C	UTR3	YPEL1	NA	NA	NA	NA	NA
chr22	22054764	22054764	-	T	UTR3	YPEL1	NA	NA	NA	NA	NA
chr22	23733547	23733547	T	-	ncRNA_exonic	ZDHC8P1	NA	NA	NA	rs11326923	NA
chr22	23736180	23736180	C	T	ncRNA_exonic	ZDHC8P1	NA	NA	NA	rs5759766	NA
chr22	24084365	24084365	G	T	UTR3	ZNF70	NA	NA	NA	NA	NA
chr22	24314006	24314006	G	T	UTR3	DDTL	NA	NA	NA	rs1006771	NA
chr22	24314132	24314132	T	C	UTR3	DDTL	NA	NA	NA	NA	NA
chr22	24314182	24314182	A	G	UTR3	DDTL	NA	NA	NA	NA	NA
chr22	24657678	24657678	T	C	ncRNA_exonic	POM121L9P	NA	NA	NA	NA	NA
chr22	24657714	24657714	C	G	ncRNA_exonic	POM121L9P	NA	NA	NA	rs80002636	NA
chr22	24660060	24660060	C	A	ncRNA_exonic	POM121L9P	NA	NA	NA	NA	NA
chr22	24981608	24981608	T	G	UTR3	FAM211B	NA	NA	NA	NA	NA
chr22	24981657	24981657	A	C	UTR3	FAM211B	NA	NA	NA	NA	NA
chr22	25016442	25016442	C	T	exonic	GGT1	nonsynonymous SNV	V_001032365:exon8:c.C530T;p.A177V,GGT1:NM_005265:exon8:c.C530T;COSM1130481;OCCURENCE=1(prostat	rs3895576	B	
chr22	25023441	25023441	C	T	exonic	GGT1	nonsynonymous SNV	001032365:exon12:c.C1063T;p.R355W,GGT1:NM_005265:exon12:c.C1063T;COSM1130481;OCCURENCE=1(prostat	rs200419006	B	
chr22	25023459	25023459	G	A	exonic	GGT1	nonsynonymous SNV	001032365:exon12:c.G1081A;p.D361N,GGT1:NM_005265:exon12:c.G1081A;COSM1130481;OCCURENCE=1(prostat	rs138813205	B	
chr22	25041202	25041202	T	A	ncRNA_exonic	POM121L10P	NA	NA	NA	rs1055003	NA
chr22	25042640	25042640	G	T	ncRNA_exonic	POM121L10P	NA	NA	NA	rs62231246	NA
chr22	25043061	25043061	-	CCGG	ncRNA_exonic	POM121L10P	NA	NA	NA	NA	NA
chr22	25603245	25603245	C	G	UTR3	CRYBB3	NA	NA	NA	rs79515519	NA
chr22	26120084	26120084	-	AC	UTR3	ADRBK2	NA	NA	NA	NA	NA
chr22	26122880	26122880	GT	-	UTR3	ADRBK2	NA	NA	NA	NA	NA
chr22	26839586	26839586	A	-	UTR3	ASPHD2	NA	NA	NA	NA	NA
chr22	26840194	26840194	T	-	UTR3	ASPHD2	NA	NA	NA	NA	NA
chr22	26847961	26847972	CGCGCGCG	-	UTR3	HPS4	NA	NA	NA	NA	NA
chr22	27066566	27066569	AAAA	-	ncRNA_exonic	MIAT	NA	NA	NA	NA	NA
chr22	27067794	27067794	A	-	ncRNA_exonic	MIAT	NA	NA	NA	NA	NA
chr22	28146770	28146770	A	G	UTR3	MN1	NA	NA	NA	rs28501997	NA
chr22	29754944	29754944	T	G	exonic	AP1B1	nonsynonymous SNV	36C:p.N99T,AP1B1:NM_001166019:exon5:c.A296C;p.N99T,AP1B1:NM_001166019:exon5:c.A296C;COSM1130481;OCCURENCE=1(prostat	NA	D	
chr22	30092040	30092040	A	C	UTR3	NF2	NA	NA	NA	NA	NA
chr22	30092785	30092785	T	-	UTR3	NF2	NA	NA	NA	NA	NA
chr22	30093556	30093556	T	-	UTR3	NF2	NA	NA	NA	rs113760386	NA
chr22	30422037	30422037	-	T	UTR3	MTMR3	NA	NA	NA	NA	NA
chr22	30951320	30951320	T	G	exonic	GAL3ST1	nonsynonymous SNV	GAL3ST1:NM_004861:exon4:c.A892C;p.T298P	NA	D	
chr22	31043406	31043406	T	G	UTR3	SLC35E4	NA	NA	NA	NA	NA
chr22	31303442	31303442	C	A	UTR3	OSBP2	NA	NA	NA	NA	NA
chr22	31322642	31322642	G	A	UTR3	MORC2	NA	NA	NA	NA	NA
chr22	32875190	32875190	G	A	exonic	FBXO7	nonsynonymous SNV	G108A:p.M36I,FBXO7:NM_001257990:exon2:c.G3A;p.M1I,FBXO7:NM_001257990:exon2:c.G3A;COSM1130481;OCCURENCE=1(prostat	rs11107	B	
chr22	33256901	33256902	TT	-	UTR3	TIMP3	NA	NA	NA	rs60978089	NA
chr22	36139978	36139978	T	-	UTR3	RBFOX2	NA	NA	NA	rs71658610	NA
chr22	36623362	36623362	A	-	UTR3	APOL2	NA	NA	NA	NA	NA
chr22	37769479	37769479	A	C	exonic	ELFN2	nonsynonymous SNV	ELFN2:NM_052906:exon3:c.T2096G;p.V699G	NA	D	
chr22	37769491	37769491	T	G	exonic	ELFN2	nonsynonymous SNV	ELFN2:NM_052906:exon3:c.A2084C;p.H695P	NA	D	
chr22	37962312	37962312	G	C	UTR5	CDC42EP1	NA	NA	NA	NA	NA
chr22	38120176	38120178	CCT	-	exonic	TRIOBP	nonframeshift deletion	TRIOBP:NM_001039141:exon7:c.1613_1615del:p.538_539del	ID=COSM111672;OCCURENCE=1(ovary)	rs146565844	NA
chr22	38121740	38121740	A	C	exonic	TRIOBP	synonymous SNV	TRIOBP:NM_001039141:exon7:c.A3177C;p.I1059I	NA	NA	
chr22	38170309	38170309	A	C	UTR3	TRIOBP	NA	NA	NA	NA	NA
chr22	38170313	38170313	T	C	UTR3	TRIOBP	NA	NA	NA	NA	NA
chr22	38482353	38482394	5CCATCCCA	-	exonic	BAIAP2L2	nonframeshift deletion	BAIAP2L2:NM_025045:exon12:c.1322_1363del:p.441_455del	NA	NA	NA
chr22	38687872	38687872	G	T	UTR3	CSNK1E	NA	NA	NA	NA	NA
chr22	38881822	38881822	-	A	UTR3	DDX17	NA	NA	NA	rs35742916	NA
chr22	39214774	39214774	G	T	UTR3	NPTXR	NA	NA	NA	rs7288826	NA
chr22	39428595	39428596	TT	-	UTR3	APOBEC3D	NA	NA	NA	NA	NA
chr22	39428750	39428750	A	C	UTR3	APOBEC3D	NA	NA	NA	NA	NA
chr22	40719728	40719728	T	G	UTR3	TNRC6B	NA	NA	NA	NA	NA
chr22	40720294	40720294	-	T	UTR3	TNRC6B	NA	NA	NA	NA	NA
chr22	40727650	40727652	TTT	-	UTR3	TNRC6B	NA	NA	NA	NA	NA
chr22	41855923	41855923	A	C	UTR3	PHF5A	NA	NA	NA	rs61211718	NA
chr22	42470317	42470317	T	C	UTR5	FAM109B	NA	NA	NA	rs13057094	NA
chr22	42524323	42524323	A	G	exonic	CYP2D6	synonymous SNV	_001025161:exon4:c.T543C;p.H181H,CYP2D6:NM_000106:exon5:c.T61C;COSM1130481;OCCURENCE=1(prostat	rs150518553	NA	

chr22	44276171	44276171	T	G	UTR3	PNPLA5	NA	NA	NA	rs470093	NA
chr22	44708655	44708655	T	C	UTR5	KIAA1644	NA	NA	NA	rs7510924	NA
chr22	45583065	45583065	A	-	UTR3	NUP50	NA	NA	NA	rs201638442	NA
chr22	45592689	45592689	T	G	UTR3	KIAA0930	NA	NA	NA	NA	NA
chr22	45996713	45996713	T	-	UTR3	FBLN1	NA	NA	NA	NA	NA
chr22	46436144	46436144	T	-	ncRNA_exonic	LOC100271722	NA	NA	NA	NA	NA
chr22	46633508	46633508	A	-	UTR3	PPARA	NA	NA	NA	NA	NA
chr22	46638629	46638630	CA	-	UTR3	PPARA	NA	NA	NA	NA	NA
chr22	50659471	50659471	A	G	exonic	TUBGCP6	nonsynonymous SNV	TUBGCP6:NM_020461:exon16:c.T3317C:p.I1106T	NA	NA	B
chr22	50882753	50882753	T	-	UTR3	PPP6R2	NA	NA	NA	rs59017944	NA
chr22	50884801	50884801	G	-	UTR3	SBF1	NA	NA	NA	NA	NA
chr22	50884814	50884814	A	C	UTR3	SBF1	NA	NA	NA	NA	NA
chr22	50969668	50969668	T	A	exonic	ODF3B	nonsynonymous SNV	ODF3B:NM_001014440:exon4:c.A370T:p.T124S	NA	NA	B
chr22	50969670	50969670	T	A	exonic	ODF3B	nonsynonymous SNV	ODF3B:NM_001014440:exon4:c.A368T:p.H123L	NA	NA	D
chr22	51020668	51020668	C	A	ncRNA_intronic	CHKB-CPT1B	NA	NA	NA	rs86337	NA
chrX	2822945	2822945	T	-	UTR3	ARSD	NA	NA	NA	rs60974016	NA
chrX	2824178	2824178	T	-	UTR3	ARSD	NA	NA	NA	rs71883506	NA
chrX	3523054	3523055	AC	-	UTR3	PRKX	NA	NA	NA	NA	NA
chrX	6145855	6145855	C	G	UTR5	NLGN4X	NA	NA	NA	rs2290488	NA
chrX	7023835	7023835	G	A	exonic	HDHD1	nonsynonymous SNV	4_001178136:exon2:c.C106T:p.R36C,HDHD1:NM_012080:exon2:c.C10	NA	NA	NA
chrX	7867727	7867727	T	C	UTR3	PNPLA4	NA	NA	NA	rs191932908	NA
chrX	7867732	7867732	A	G	UTR3	PNPLA4	NA	NA	NA	rs6639976	NA
chrX	8433461	8433461	T	C	UTR5	VCX3B	NA	NA	COSN414126;OCCURENCE=1(urinary_tr	rs200308612	NA
chrX	11129475	11129475	-	GGC	UTR5	HCCS	NA	NA	NA	rs35297358	NA
chrX	13731474	13731474	A	G	UTR3	TRAPPC2	NA	NA	NA	rs5979952	NA
chrX	16859628	16859628	G	A	exonic	TXLNG	synonymous SNV	01168683:exon8:c.G930A:p.Q310Q,TXLNG:NM_018360:exon10:c.G13	NA	rs5924530	NA
chrX	18910862	18910862	T	-	ncRNA_UTR3	PHKA2	NA	NA	NA	NA	NA
chrX	20005366	20005366	G	A	ncRNA_exonic	LOC729609	NA	NA	NA	NA	NA
chrX	20145719	20145719	G	A	UTR3	EIF1AX	NA	NA	NA	rs6527969	NA
chrX	23801311	23801311	C	T	UTR5	SAT1	NA	NA	NA	rs11550721	NA
chrX	24095043	24095043	C	-	UTR3	EIF2S3	NA	NA	NA	NA	NA
chrX	24382429	24382429	C	G	exonic	SUPT20HL1	nonsynonymous SNV	SUPT20HL1:NM_001136234:exon1:c.C1552G:p.P518A	NA	rs113091397	NA
chrX	24382435	24382435	C	G	exonic	SUPT20HL1	nonsynonymous SNV	SUPT20HL1:NM_001136234:exon1:c.C1558G:p.P520A	NA	NA	NA
chrX	24577435	24577435	A	-	UTR3	PCYT1B	NA	NA	NA	rs56367400	NA
chrX	24577537	24577537	-	AGAA	UTR3	PCYT1B	NA	NA	NA	NA	NA
chrX	24577574	24577574	A	G	UTR3	PCYT1B	NA	NA	NA	rs55732431	NA
chrX	28807442	28807442	G	A	UTR5	IL1RAPL1	NA	NA	14057,COSN414056;OCCURENCE=2(urin	rs6526806	NA
chrX	34148841	34148841	A	G	exonic	FAM47A	nonsynonymous SNV	FAM47A:NM_203408:exon1:c.T1555C:p.S519P	NA	NA	B
chrX	34148844	34148844	G	C	exonic	FAM47A	nonsynonymous SNV	FAM47A:NM_203408:exon1:c.C1552G:p.R518G	NA	rs17855514	B
chrX	34148877	34148877	C	G	exonic	FAM47A	nonsynonymous SNV	FAM47A:NM_203408:exon1:c.G1519C:p.E507Q	rs5973088	P	
chrX	34148882	34148882	C	T	exonic	FAM47A	nonsynonymous SNV	FAM47A:NM_203408:exon1:c.G1514A:p.R505H	rs5973089	B	
chrX	37027745	37027745	T	C	exonic	FAM47C	nonsynonymous SNV	FAM47C:NM_001013736:exon1:c.T1262C:p.I421T	NA	NA	NA
chrX	37028026	37028026	T	C	exonic	FAM47C	nonsynonymous SNV	FAM47C:NM_001013736:exon1:c.T1543C:p.S515P	rs141294322	NA	NA
chrX	37028094	37028094	A	G	exonic	FAM47C	synonymous SNV	FAM47C:NM_001013736:exon1:c.A1611G:p.A537A	NA	NA	NA
chrX	37028645	37028645	G	C	exonic	FAM47C	nonsynonymous SNV	FAM47C:NM_001013736:exon1:c.G2162C:p.S721T	NA	NA	NA
chrX	37672462	37672462	T	-	UTR3	CYBB	NA	NA	NA	rs11338914	NA
chrX	46407207	46407207	A	G	ncRNA_exonic	ZNF674-AS1	NA	NA	NA	rs5905550	NA
chrX	46940123	46940123	A	G	UTR5	RGN	NA	NA	NA	NA	NA
chrX	47341999	47341999	-	CGTGCGCG	UTR5	ZNF41	NA	NA	NA	NA	NA
chrX	48206014	48206023	iTGTTGTGTC	-	UTR3	SSX3	NA	NA	NA	rs72172699	NA
chrX	48382099	48382099	-	T	UTR5	EBP	NA	NA	NA	NA	NA
chrX	48567295	48567295	A	G	UTR3	SUV39H1	NA	NA	NA	rs3373	NA
chrX	48770831	48770831	-	A	UTR3	PIM2	NA	NA	NA	NA	NA
chrX	48770852	48770852	G	A	UTR3	PIM2	NA	NA	NA	NA	NA
chrX	48847497	48847497	T	C	exonic	GRIPAP1	synonymous SNV	V_207672:exon6:c.A324G;p.E108E,GRIPAP1:NM_020137:exon7:c.A48	NA	rs11545861	NA
chrX	48922629	48922629	G	A	exonic	CCDC120	nonsynonymous SNV	_001163323:exon7:c.G646A;p.E216K,CCDC120:NM_001271835:exon7	NA	NA	P
chrX	49107557	49107557	C	G	UTR3	FOXP3	NA	NA	NA	NA	NA
chrX	49107563	49107563	T	G	UTR3	FOXP3	NA	NA	NA	NA	NA
chrX	49113939	49113939	T	G	exonic	FOXP3	synonymous SNV	I_001114377:exon3:c.A294C:p.P98P,FOXP3:NM_014009:exon4:c.A39C	NA	NA	NA
chrX	49113976	49113976	T	G	exonic	FOXP3	nonsynonymous SNV	_001114377:exon3:c.A257C:p.H86P,FOXP3:NM_014009:exon4:c.A362	NA	NA	P
chrX	51150629	51150629	A	C	intergenic	l0(dist=70252),NUDT11(dist=	NA	NA	NA	NA	D
chrX	53222050	53222050	T	C	UTR3	KDM5C	NA	NA	NA	NA	NA
chrX	53279837	53279837	C	G	exonic	IQSEC2	nonsynonymous SNV	001111125:exon5:c.G1921C:p.A641P,IQSEC2:NM_015075:exon5:c.G15	NA	NA	P
chrX	54224161	54224161	A	-	UTR3	WNK3	NA	NA	NA	NA	NA
chrX	54466901	54466901	T	G	exonic	TSR2	nonsynonymous SNV	TSR2:NM_058163:exon1:c.T47G:p.V16G	NA	NA	D
chrX	54497147	54497147	T	G	exonic	FGD1	synonymous SNV	FGD1:NM_004463:exon3:c.A528C:p.P176P	NA	NA	NA

chrX	54587505	54587505	A	-	UTR3	GNL3L	NA	NA	NA	NA	NA
chrX	62857727	62857728	TG	-	UTR3	ARHGEF9	NA	NA	NA	rs10542660	NA
chrX	68061228	68061228	-	C	UTR3	EFNB1	NA	NA	NA	NA	NA
chrX	69260733	69260733	A	G	UTR3	AWAT2	NA	NA	NA	rs151003736	NA
chrX	70798076	70798076	A	G	ncRNA_UTR5	ACRC	NA	NA	NA	NA	NA
chrX	71347480	71347480	-	AGAATAGC	UTR3	RGAG4	NA	NA	NA	NA	NA
chrX	73014138	73014142	AAGGT	-	ncRNA_exonic	TSIX	NA	NA	NA	rs201154934	NA
chrX	73037456	73037456	G	A	ncRNA_exonic	TSIX	NA	NA	NA	NA	NA
chrX	73289498	73289498	G	A	ncRNA_exonic	JPX	NA	NA	NA	NA	NA
chrX	73641221	73641221	T	G	upstream	SLC16A2	NA	NA	NA	NA	NA
chrX	75648999	75648999	G	C	exonic	MAGEE1	nonsynonymous SNV	MAGEE1:NM_020932:exon1:c.G676C:p.A226P	NA	NA	B
chrX	83591866	83591866	C	T	exonic	HDX	synonymous SNV	09A:p.P503P,HDX:NM_144657:exon7:c.G1683A:p.P561P,HDX:NM_00	NA	rs5922966	NA
chrX	84343158	84343161	ATAC	-	UTR3	APOOL	NA	NA	NA	NA	NA
chrX	85118101	85118101	T	-	UTR3	CHM	NA	NA	NA	NA	NA
chrX	85225107	85225107	-	A	UTR3	CHM	NA	NA	NA	rs199510529	NA
chrX	91089881	91089881	C	G	UTR5	PCDH11X	NA	NA	NA	rs3795211	NA
chrX	1E+08	1E+08	-	A	UTR3	TMEM35	NA	NA	NA	NA	NA
chrX	1.01E+08	1.01E+08	G	C	exonic	ARMCX2	nonsynonymous SNV	NM_014782:exon5:c.C53G:p.A18G,ARMCX2:NM_177949:exon6:c.C53	NA	NA	B
chrX	1.01E+08	1.01E+08	T	C	exonic	ARMCX2	nonsynonymous SNV	:NM_014782:exon5:c.A40G:p.I14V,ARMCX2:NM_177949:exon6:c.A40	NA	rs200580160	B
chrX	1.01E+08	1.01E+08	-	T	UTR5	BEX5	NA	NA	NA	NA	NA
chrX	1.03E+08	1.03E+08	G	T	UTR3	TCEAL7	NA	NA	NA	NA	NA
chrX	1.03E+08	1.03E+08	G	C	exonic	ESX1	nonsynonymous SNV	ESX1:NM_153448:exon4:c.C1042G:p.L348V	ID=COSM226883;OCCURENCE=1(skin)	rs76090537	NA
chrX	1.03E+08	1.03E+08	C	G	exonic	ESX1	nonsynonymous SNV	ESX1:NM_153448:exon4:c.G907C:p.V303L	NA	NA	NA
chrX	1.03E+08	1.03E+08	A	C	exonic	ESX1	nonsynonymous SNV	ESX1:NM_153448:exon4:c.T889G:p.W297G	NA	NA	NA
chrX	1.06E+08	1.06E+08	-	GA	UTR3	MORC4	NA	NA	NA	NA	NA
chrX	1.1E+08	1.1E+08	GAGG	-	UTR3	CHRD1	NA	NA	NA	rs71931043	NA
chrX	1.11E+08	1.11E+08	T	-	UTR3	DCX	NA	NA	NA	NA	NA
chrX	1.14E+08	1.14E+08	G	A	exonic	RBMXL3	nonsynonymous SNV	RBMXL3:NM_001145346:exon1:c.G1192A:p.D398N	NA	rs12399211	NA
chrX	1.16E+08	1.16E+08	T	-	UTR3	SLC6A14	NA	NA	NA	rs202199898	NA
chrX	1.19E+08	1.19E+08	G	A	exonic	CXorf56	synonymous SNV	3T:p.G111G,CXorf56:NM_001170569:exon4:c.C228T:p.G76G,CXorf56:	NA	rs5910611	NA
chrX	1.19E+08	1.19E+08	GT	-	UTR3	6-Sep	NA	NA	NA	NA	NA
chrX	1.19E+08	1.19E+08	TT	-	UTR3	6-Sep	NA	NA	NA	NA	NA
chrX	1.19E+08	1.19E+08	T	-	UTR3	ZBTB33	NA	NA	NA	NA	NA
chrX	1.2E+08	1.2E+08	GTGT	-	UTR3	MCTS1	NA	NA	NA	NA	NA
chrX	1.23E+08	1.23E+08	T	G	UTR3	XIAP	NA	NA	NA	rs28382747	NA
chrX	1.23E+08	1.23E+08	C	A	UTR3	XIAP	NA	NA	NA	rs28382751	NA
chrX	1.23E+08	1.23E+08	-	T	UTR3	XIAP	NA	NA	NA	rs58114044	NA
chrX	1.23E+08	1.23E+08	A	T	exonic	STAG2	nonsynonymous SNV	42749:exon22:c.A2124T:p.L708F,STAG2:NM_001042750:exon22:c.A2	NA	NA	B
chrX	1.31E+08	1.31E+08	GA	-	UTR3	RAP2C	NA	NA	NA	NA	NA
chrX	1.34E+08	1.34E+08	T	-	ncRNA_exonic	LINC00087	NA	NA	NA	NA	NA
chrX	1.35E+08	1.35E+08	C	A	UTR3	CT45A1	NA	NA	NA	rs1064036	NA
chrX	1.35E+08	1.35E+08	G	A	UTR3	CT45A1	NA	NA	NA	rs1064037	NA
chrX	1.35E+08	1.35E+08	GAT	-	exonic	GPR112	nonframeshift deletion	GPR112:NM_153834:exon17:c.7966_7968del:p.2656_2656del	NA	rs34255702	NA
chrX	1.36E+08	1.36E+08	G	A	UTR3	RBMX	NA	NA	NA	rs850	NA
chrX	1.4E+08	1.4E+08	G	C	UTR5	LDOC1	NA	NA	NA	rs2038375	NA
chrX	1.41E+08	1.41E+08	C	G	exonic	MAGEC1	synonymous SNV	MAGEC1:NM_005462:exon4:c.C513G:p.S171S	NA	rs75782140	NA
chrX	1.41E+08	1.41E+08	G	C	exonic	MAGEC1	nonsynonymous SNV	MAGEC1:NM_005462:exon4:c.G841C:p.V281L	NA	rs176044	NA
chrX	1.41E+08	1.41E+08	G	T	exonic	MAGEC1	nonsynonymous SNV	MAGEC1:NM_005462:exon4:c.G1130T:p.G377V	NA	rs7063168	NA
chrX	1.41E+08	1.41E+08	A	C	exonic	MAGEC1	nonsynonymous SNV	MAGEC1:NM_005462:exon4:c.A1272C:p.L424F	NA	rs56675069	NA
chrX	1.41E+08	1.41E+08	A	C	exonic	MAGEC1	nonsynonymous SNV	MAGEC1:NM_005462:exon4:c.A1358C:p.Y453S	NA	rs58117541	NA
chrX	1.45E+08	1.45E+08	A	T	UTR3	SLITRK2	NA	NA	NA	NA	NA
chrX	1.48E+08	1.48E+08	G	A	UTR3	AFF2	NA	NA	NA	rs144890448	NA
chrX	1.52E+08	1.52E+08	G	C	ncRNA_UTR5	MAGEA12	NA	NA	NA	rs73639100	NA
chrX	1.52E+08	1.52E+08	T	C	ncRNA_UTR5	MAGEA12	NA	NA	NA	rs2515675	NA
chrX	1.52E+08	1.52E+08	C	T	UTR3	PNMA5	NA	NA	NA	NA	NA
chrX	1.52E+08	1.52E+08	C	T	UTR3	PNMA5	NA	NA	NA	NA	NA
chrX	1.52E+08	1.52E+08	C	T	UTR3	PNMA5	NA	NA	NA	NA	NA
chrX	1.52E+08	1.52E+08	A	G	UTR3	PNMA5	NA	NA	NA	NA	NA
chrX	1.52E+08	1.52E+08	A	G	UTR3	PNMA5	NA	NA	NA	NA	NA
chrX	1.52E+08	1.52E+08	T	C	UTR5	PNMA5	NA	NA	NA	rs67383647	NA
chrX	1.53E+08	1.53E+08	TCTCTCTC	-	UTR3	BGN	NA	NA	NA	rs36205859	NA
chrX	1.53E+08	1.53E+08	-	G	UTR3	ATP2B3	NA	NA	NA	rs144678509	NA
chrX	1.53E+08	1.53E+08	T	G	UTR3	ATP2B3	NA	NA	NA	rs28706355	NA
chrX	1.53E+08	1.53E+08	A	C	exonic	PLXNB3	synonymous SNV	5393:exon20:c.A3453C:p.A1151A,PLXNB3:NM_001163257:exon21:c.A	NA	NA	NA
chrX	1.53E+08	1.53E+08	C	G	exonic	AVPR2	synonymous SNV	I_000054:exon2:c.C207G:p.G69G,AVPR2:NM_001146151:exon2:c.C20	NA	NA	NA
chrY	5606261	5606261	C	G	UTR3	PCDH11Y	NA	NA	NA	rs12559026	NA

chrY	5607230	5607230	G	C	UTR3	PCDH11Y	NA	NA	NA	rs2556910	NA
chrY	5607799	5607799	A	T	UTR3	PCDH11Y	NA	NA	NA	NA	NA

Transversion												
Chr	Start	End	Ref	Alt	Func.refGene	Gene.refGene	ExonicFunc.refGene	AAChange.refGene	cosmic64	snp137	PolyPhen2	Pred
chr1	65901244	65901244	G	T	UTR3	LEPROT	NA	NA	NA	NA	NA	NA
chr1	1.15E+08	1.15E+08	G	T	exonic	AMPD1	synonymous SNV	exon3:c.C322A:p.R108R,AMPD1:NM_000036:	NA	NA	NA	NA
chr1	1.21E+08	1.21E+08	G	T	UTR5	NOTCH2	NA	NA	NA	rs57122008	NA	NA
chr1	2.37E+08	2.37E+08	G	T	UTR3	MTR	NA	NA	NA	NA	NA	NA
chr2	46852206	46852206	G	T	UTR3	CRIP1	NA	NA	NA	NA	NA	NA
chr2	92129614	92129614	G	T	ncRNA_exonic	ACTR3BP2	NA	NA	NA	NA	NA	NA
chr2	1.13E+08	1.13E+08	G	T	UTR3	ZC3H6	NA	NA	NA	NA	NA	NA
chr2	2.2E+08	2.2E+08	G	T	UTR3	FAM134A	NA	NA	NA	NA	NA	NA
chr3	67049615	67049615	G	T	exonic	KBTBD8	nonsynonymous SNV	KBTBD8:NM_032505:exon2:c.G227T:p.R76I	NA	NA	NA	D
chr3	1.05E+08	1.05E+08	G	T	exonic	CBLB	nonsynonymous SNV	CBLB:NM_170662:exon12:c.C1618A:p.Q540K	NA	NA	NA	D
chr3	1.5E+08	1.5E+08	G	T	UTR3	TSC22D2	NA	NA	NA	s20149715	NA	NA
chr3	1.7E+08	1.7E+08	G	T	UTR3	CLDN11	NA	NA	NA	NA	NA	NA
chr4	87567	87567	G	T	UTR3	ZNF595	NA	NA	NA	NA	NA	NA
chr4	87574	87574	G	T	UTR3	ZNF595	NA	NA	NA	NA	NA	NA
chr4	2087366	2087366	G	T	exonic	POLN	nonsynonymous SNV	POLN:NM_181808:exon19:c.C2171A:p.A724E	NA	NA	NA	B
chr4	1.39E+08	1.39E+08	G	T	ncRNA_UTR3	SLC7A11	NA	NA	NA	NA	NA	NA
chr5	23521146	23521146	G	T	exonic	PRDM9	synonymous SNV	PRDM9:NM_020227:exon6:c.G366T:p.A122A	NA	NA	NA	NA
chr5	55168106	55168106	G	T	exonic	IL31RA	nonsynonymous SNV	7:exon4:c.G281T:p.G94V,IL31RA:NM_139017:c	NA	NA	NA	B
chr5	71503811	71503811	G	T	UTR3	MAP1B	NA	NA	NA	NA	NA	NA
chr5	80738520	80738520	G	T	exonic	SSBP2	nonsynonymous SNV	exon12:c.C711A:p.N237K,SSBP2:NM_00125675:	NA	NA	NA	D
chr5	1.41E+08	1.41E+08	G	T	UTR3	PCDHB9	NA	NA	NA	NA	NA	NA
chr6	24775181	24775181	G	T	UTR5	GMNN	NA	NA	NA	rs2754775	NA	NA
chr6	31324528	31324528	G	T	exonic	HLA-B	nonsynonymous SNV	HLA-B:NM_005514:exon2:c.C280A:p.Q94K	NA	rs1071817	NA	NA
chr6	49460762	49460762	G	T	UTR3	CENPQ	NA	NA	NA	NA	NA	NA
chr6	57398207	57398207	G	T	exonic	PRIM2	unknown	UNKNOWN	NA	rs71214816	NA	NA
chr6	1.6E+08	1.6E+08	G	T	UTR3	WTAP	NA	NA	NA	NA	NA	NA
chr6	1.6E+08	1.6E+08	G	T	UTR3	WTAP	NA	NA	NA	NA	NA	NA
chr6	1.6E+08	1.6E+08	G	T	UTR3	WTAP	NA	NA	NA	NA	NA	NA
chr6	1.6E+08	1.6E+08	G	T	UTR3	WTAP	NA	NA	NA	NA	NA	NA
chr7	44258943	44258943	G	T	UTR3	CAMK2B	NA	NA	NA	rs74582205	NA	NA
chr7	66774667	66774667	G	T	ncRNA_exonic	STAG3L4	NA	NA	NA	NA	NA	NA
chr7	77558429	77558429	G	T	exonic	PHTF2	nonsynonymous SNV	F2:NM_001127357:exon10:c.G1021T:p.A341S,	NA	NA	NA	NA
chr9	117998	117998	G	T	exonic	FOXD4	nonsynonymous SNV	FOXD4:NM_207305:exon1:c.C122A:p.A41E	ID=COSM226644;OCCURENCE=1(skin)	rs66612967	B	NA
chr9	1.02E+08	1.02E+08	G	T	UTR3	TGFBR1	NA	NA	NA	s19954527	NA	NA
chr9	1.16E+08	1.16E+08	G	T	UTR3	SNX30	NA	NA	NA	s11341690	NA	NA
chr9	1.36E+08	1.36E+08	G	T	UTR5	ADAMTSL2	NA	NA	NA	NA	NA	NA
chr10	62544601	62544601	G	T	exonic	CDK1	nonsynonymous SNV	407:exon3:c.G176T:p.R59L,CDK1:NM_001786:	NA	NA	NA	B
chr10	71267385	71267385	G	T	UTR3	TSPAN15	NA	NA	NA	NA	NA	NA
chr10	1.02E+08	1.02E+08	G	T	UTR3	HIF1AN	NA	NA	NA	rs75780010	NA	NA
chr10	1.02E+08	1.02E+08	G	T	UTR3	HIF1AN	NA	NA	NA	NA	NA	NA
chr11	1.12E+08	1.12E+08	G	T	UTR3	C11orf57	NA	NA	NA	NA	NA	NA
chr12	5021439	5021439	G	T	exonic	KCNA1	nonsynonymous SNV	KCNA1:NM_000217:exon2:c.G895T:p.V299F	NA	NA	NA	D
chr12	8927164	8927164	G	T	UTR3	RIMKLB	NA	NA	NA	NA	NA	NA
chr12	11546258	11546258	G	T	exonic	PRB2	nonsynonymous SNV	PRB2:NM_006248:exon3:c.C754A:p.Q252K	NA	NA	NA	NA
chr12	52845665	52845665	G	T	exonic	KRT6B	synonymous SNV	KRT6B:NM_005555:exon1:c.C198A:p.G66G	NA	s14111418	NA	NA
chr12	56810470	56810470	G	T	UTR3	TIMELESS	NA	NA	NA	NA	NA	NA
chr12	58146158	58146158	G	T	UTR5	CDK4	NA	NA	NA	NA	NA	NA
chr12	58146161	58146161	G	T	UTR5	CDK4	NA	NA	NA	NA	NA	NA
chr12	70214497	70214497	G	T	UTR3	RAB3IP	NA	NA	NA	rs11177881	NA	NA
chr12	96361580	96361580	G	T	exonic	AMDHD1	stopgain SNV	AMDHD1:NM_152435:exon9:c.G1240T:p.E414)	NA	NA	NA	NA
chr13	49852512	49852512	G	T	exonic	CDADC1	nonsynonymous SNV	exon7:c.G1077T:p.M359I,CDADC1:NM_030911	NA	NA	NA	D
chr16	68678505	68678505	G	T	UTR5	CDH3	NA	NA	NA	NA	NA	NA
chr17	11513845	11513845	G	T	exonic	DNAH9	nonsynonymous SNV	DNAH9:NM_001372:exon3:c.G747T:p.K249N	NA	NA	NA	B
chr17	45214606	45214606	G	T	exonic	CDC27	nonsynonymous SNV	con14:c.C1843A:p.H615N,CDC27:NM_001256:c	NA	rs79260965	NA	NA
chr17	77807715	77807715	G	T	UTR3	CBX4	NA	NA	NA	NA	NA	NA

chr19	199442	199442	G	T	ncRNA_exonic	FLJ45445	NA	NA	NA	rs57399907	NA
chr19	1597572	1597572	G	T	UTR3	UQCR11	NA	NA	NA	NA	NA
chr19	43376101	43376101	G	T	exonic	PSG1	nonsynonymous SNV	PSG1:NM_001184826:exon3:c.C527A:p.A176	NA	NA	NA
chr19	54725798	54725798	G	T	exonic	LILRB3	nonsynonymous SNV	LILRB3:NM_006864:exon4:c.C560A:p.T187N,LILRB3:NM_006864:exon4:c.C560A:p.T187N	ID=COSM1158374;OCCURENCE=1(pancreas)	rs1052968	B
chr20	25754782	25754782	G	T	ncRNA_exonic	FAM182B	NA	NA	NA	NA	NA
chr20	33098244	33098244	G	T	UTR3	ITCH	NA	NA	NA	NA	NA
chr20	49367490	49367490	G	T	UTR3	PARD6B	NA	NA	NA	NA	NA
chrX	19552343	19552343	G	T	UTR3	SH3KBP1	NA	NA	NA	NA	NA
chrX	55478566	55478566	G	T	UTR5	MAGEH1	NA	NA	NA	NA	NA
chr1	22357549	22357549	G	T	ncRNA_exonic	LINC00339	NA	NA	NA	rs2473291	NA
chr1	22418256	22418256	G	T	UTR3	CDC42	NA	NA	NA	NA	NA
chr1	28087457	28087457	G	T	UTR3	FAM76A	NA	NA	NA	rs74422309	NA
chr1	1.45E+08	1.45E+08	G	T	exonic	SEC22B	unknown	UNKNOWN	NA	rs2596331	NA
chr1	1.53E+08	1.53E+08	G	T	UTR3	LCE1E	NA	NA	NA	s11447009	NA
chr1	1.71E+08	1.71E+08	G	T	ncRNA_exonic	FMO6P	NA	NA	NA	rs11812061	NA
chr3	18427924	18427924	G	T	exonic	SATB1	synonymous SNV	SATB1:NM_001195470:exon8:c.C1386A:p.P46	NA	rs2229261	NA
chr3	75787202	75787202	G	T	exonic	ZNF717	synonymous SNV	ZNF717:NM_001128223:exon5:c.C1572A:p.V524	NA	rs76713735	NA
chr3	1.96E+08	1.96E+08	G	T	exonic	MUC4	nonsynonymous SNV	MUC4:NM_018406:exon2:c.C11200A:p.P3734T	NA	s20145660	NA
chr4	1.76E+08	1.76E+08	G	T	UTR5	ADAM29	NA	NA	NA	rs7689299	NA
chr4	1.84E+08	1.84E+08	G	T	exonic	WWC2	nonsynonymous SNV	WWC2:NM_024949:exon16:c.G2446T:p.V816F	NA	rs11734376	NA
chr5	1.31E+08	1.31E+08	G	T	UTR3	CDC42SE2	NA	NA	NA	NA	NA
chr6	29912087	29912087	G	T	exonic	HLA-A	nonsynonymous SNV	HLA-A:NM_002116:exon4:c.G808T:p.A270S,HLA-A:NM_002116:exon4:c.G808T:p.A270S	NA	rs1059632	B
chr6	30232538	30232538	G	T	ncRNA_exonic	HLA-L	NA	NA	NA	rs28780091	NA
chr6	57512779	57512779	G	T	UTR3	PRIM2	NA	NA	NA	rs76296076	NA
chr6	1.62E+08	1.62E+08	G	T	UTR3	PARK2	NA	NA	NA	rs68121389	NA
chr8	1.45E+08	1.45E+08	G	T	UTR3	GRINA	NA	NA	NA	rs9100	NA
chr9	14993419	14993419	G	T	ncRNA_exonic	LOC389705	NA	NA	NA	rs4548277	NA
chr9	41960898	41960898	G	T	ncRNA_exonic	KGFLP2	NA	NA	NA	s20176116	NA
chr9	1.35E+08	1.35E+08	G	T	UTR3	SETX	NA	NA	NA	rs11787894	NA
chr10	1228330	1228330	G	T	UTR3	ADARB2	NA	NA	NA	rs1129226	NA
chr11	1017317	1017317	G	T	exonic	MUC6	synonymous SNV	MUC6:NM_005961:exon31:c.C5484A:p.T1828T	NA	rs33943903	NA
chr11	1018300	1018300	G	T	exonic	MUC6	nonsynonymous SNV	MUC6:NM_005961:exon31:c.C4501A:p.P1501T	NA	s11374499	NA
chr11	43940644	43940644	G	T	exonic	ALKBH3	synonymous SNV	ALKBH3:NM_139178:exon9:c.G726T:p.G242G	NA	rs1048928	NA
chr11	1.17E+08	1.17E+08	G	T	exonic	DSCAML1	nonsynonymous SNV	DSCAML1:NM_020693:exon4:c.C694A:p.H232M	ID=COSM147330;OCCURENCE=1(stomach)	rs3741280	NA
chr12	7945640	7945640	G	T	exonic	NANOG	nonsynonymous SNV	NANOG:NM_024865:exon2:c.G246T:p.K82N	NA	rs2889551	B
chr12	64538324	64538324	G	T	UTR3	SRGAP1	NA	NA	NA	rs789736	NA
chr12	1.31E+08	1.31E+08	G	T	UTR5	GPR133	NA	NA	NA	rs56090874	NA
chr15	23448270	23448270	G	T	ncRNA_exonic	GOLGA8EP	NA	NA	NA	s20023585	NA
chr16	1139446	1139446	G	T	UTR3	C1QTNF8	NA	NA	NA	rs183188	NA
chr17	37223344	37223344	G	T	ncRNA_UTR3	PLXDC1	NA	NA	NA	rs72821577	NA
chr17	39395019	39395019	G	T	UTR3	KRTAP9-8	NA	NA	NA	rs74975222	NA
chr17	46941419	46941419	G	T	UTR3	CALCOCO2	NA	NA	NA	rs6504584	NA
chr19	4153655	4153655	G	T	UTR5	CREB3L3	NA	NA	NA	NA	NA
chr19	13054781	13054781	G	T	UTR3	CALR	NA	NA	NA	rs1049481	NA
chr19	22379587	22379587	G	T	UTR5	ZNF676	NA	NA	NA	rs2360001	NA
chr19	53381429	53381429	G	T	UTR3	ZNF320	NA	NA	NA	rs2162919	NA
chr19	55401447	55401447	G	T	UTR3	FCAR	NA	NA	NA	rs58560391	NA
chr22	24314006	24314006	G	T	UTR3	DDTL	NA	NA	NA	rs1006771	NA
chr22	25024072	25024072	G	T	exonic	GGT1	nonsynonymous SNV	GGT1:NM_005265:exon14:c.G1361T:p.C454F,GGT1:NM_005265:exon14:c.G1361T:p.C454F	NA	s19968146	D