

Chromosome	Position	REF	ALT	Allele Frequency	AF (Chinese)	AF (Indian)	Gene Id	Gene	Predicted Effect
chr01	7103314	G	T	0.024	N/A	0.033	54206	ERRFI1	STOP_GAINED
chr01	11889929	C	T	0.048	0.167	N/A	343066	AADACL4	STOP_GAINED
chr01	12018500	C	A	0.024	0.083	N/A	440560	PRAMEF11	SPLICE_SITE_ACCEPTOR
chr01	15566773	T	C	0.024	0.083	N/A	9696	CROCC	SPLICE_SITE_DONOR
chr01	15981286	T	A	0.619	0.583	0.633	23569	PADI4	STOP_GAINED
chr01	17960619	G	A	0.024	N/A	0.033	22977	AKR7A3	STOP_GAINED
chr01	20506040	C	A	0.024	0.083	N/A	3339	HSPG2	SPLICE_SITE_ACCEPTOR
chr01	22467846	C	T	0.048	N/A	0.067	3155	HMGCL	STOP_GAINED
chr01	26040789	G	A	0.024	0.083	N/A	9064	MAP3K6	STOP_GAINED
chr01	30663397	G	A	0.095	0.333	N/A	90853	SPOCD1	STOP_GAINED
chr01	31051220	C	T	0.286	N/A	0.4	55721	IQCC	STOP_GAINED
chr01	39728859	A	G	0.425	0.667	0.321	4802	NFYC	SPLICE_SITE_DONOR
chr01	44091952	G	A	0.025	0.083	N/A	343521	TCTEX1D4	STOP_GAINED
chr01	47814563	G	A	0.024	N/A	0.033	84871	AGBL4	STOP_GAINED
chr01	52799026	C	A	0.025	N/A	0.036	63948	DMRTB1	STOP_GAINED
chr01	54342876	A	G	0.025	0.083	N/A	199964	TMEM61	START_LOST
chr01	54348164	C	T	0.075	N/A	0.107	199964	TMEM61	STOP_GAINED
chr01	62921840	T	C	0.024	0.083	N/A	84455	EFCAB7	SPLICE_SITE_DONOR
chr01	69926113	G	T	0.024	N/A	0.033	1491	CTH	STOP_GAINED
chr01	77694216	T	A	0.024	N/A	0.033	8880	FUBP1	SPLICE_SITE_ACCEPTOR
chr01	86293264	C	T	0.048	N/A	0.067	9635	CLCA2	STOP_GAINED
chr01	86408706	A	T	0.548	0.667	0.5	22802	CLCA4	STOP_GAINED
chr01	104046100	G	T	0.024	0.083	N/A	280	AMY2B	SPLICE_SITE_DONOR
chr01	109817946	G	A	0.024	0.083	N/A	57535	KIAA1324	STOP_GAINED
chr01	110173116	C	T	0.024	N/A	0.033	83873	GPR61	STOP_GAINED
chr01	113326930	T	C	0.071	0.25	N/A	284467	FAM19A3	SPLICE_SITE_DONOR
chr01	117763632	C	T	0.024	0.083	N/A	8458	TTF2	SPLICE_SITE_ACCEPTOR
chr01	120606067	G	C	0.024	0.083	N/A	83998	REG4	STOP_GAINED
chr01	123100544	T	C	0.786	0.667	0.833	200035	NUDT17	SPLICE_SITE_DONOR
chr01	125107452	C	T	0.024	N/A	0.033	149428	BNIPL	STOP_GAINED
chr01	126235123	G	C	0.024	0.083	N/A	126637	TCHHL1	STOP_GAINED
chr01	126745117	G	A	0.119	0.333	0.033	353142	LCE3A	STOP_GAINED
chr01	129487313	C	T	0.5	0.5	0.5	2629	GBA	SPLICE_SITE_DONOR

chr01	129488252	G	A	0.5	0.5	0.5	2629	GBA	STOP_GAINED
chr01	129488531	G	A	0.5	0.5	0.5	2629	GBA	STOP_GAINED
chr01	129489563	C	T	0.5	0.5	0.5	2629	GBA	SPLICE_SITE_DONOR
chr01	129873571	C	T	0.275	0.25	0.286	7818	DAP3	STOP_GAINED
chr01	132580392	G	A	0.024	0.083	N/A	913	CD1E	STOP_GAINED
chr01	132831212	G	A	0.143	0.083	0.167	128366	OR6P1	STOP_GAINED
chr01	132987011	G	A	0.024	0.083	N/A	391114	OR6K3	STOP_GAINED
chr01	133057316	G	A	0.048	0.167	N/A	81442	OR6N2	STOP_GAINED
chr01	134208949	G	A	0.119	N/A	0.167	57549	IGSF9	STOP_GAINED
chr01	135134092	G	A	0.214	0.083	0.267	51744	CD244	STOP_GAINED
chr01	138822523	G	A	0.19	N/A	0.267	84033	OBSCN	STOP_GAINED
chr01	139990513	C	T	0.024	N/A	0.033	2052	EPHX1	STOP_GAINED
chr01	156238930	A	G	0.071	N/A	0.1	148304	C1orf74	START_LOST
chr01	161170940	T	C	0.167	0.417	0.067	23114	NFASC	SPLICE_SITE_ACCEPTOR
chr01	167750602	G	T	0.024	0.083	N/A	127124	ATP6V1G3	SPLICE_SITE_DONOR
chr01	184268143	C	T	0.024	0.083	N/A	6041	RNASEL	STOP_GAINED
chr01	195749432	C	T	0.024	0.083	N/A	2329	FMO4	STOP_GAINED
chr01	210900710	C	G	0.071	N/A	0.1	23029	RBM34	START_LOST
chr01	211984534	T	G	0.024	0.083	N/A	7107	GPR137B	STOP_GAINED
chr01	224290694	T	C	0.238	0.25	0.233	127064	OR2T12	START_LOST
chr01	224521195	G	A	0.31	0.083	0.4	401994	OR14I1	STOP_GAINED
chr02a	3585714	C	T	0.071	0.083	0.067	78989	COLEC11	STOP_GAINED
chr02a	10160188	G	A	0.167	N/A	0.333	192668	CYS1	STOP_GAINED
chr02a	27437486	C	T	0.083	N/A	0.125	10669	CGREF1	SPLICE_SITE_DONOR
chr02a	27446137	C	T	0.071	0.167	0.033	84696	ABHD1	STOP_GAINED
chr02a	27446903	G	C	0.071	0.083	0.067	84696	ABHD1	SPLICE_SITE_ACCEPTOR
chr02a	31646409	C	T	0.119	N/A	0.167	440854	CAPN14	SPLICE_SITE_DONOR
chr02a	31667056	G	A	0.024	0.083	N/A	440854	CAPN14	STOP_GAINED
chr02a	38568042	C	T	0.119	0.167	0.1	1545	CYP1B1	SPLICE_SITE_DONOR
chr02a	39751302	C	A	0.024	0.083	N/A	344387	CDKL4	SPLICE_SITE_DONOR
chr02a	39771909	G	A	0.024	N/A	0.033	344387	CDKL4	STOP_GAINED
chr02a	42997896	A	G	0.024	0.083	N/A	9167	COX7A2L	STOP_LOST
chr02a	62063425	G	T	0.024	0.083	N/A	130872	AHSA2	SPLICE_SITE_DONOR
chr02a	69622054	C	T	0.024	0.083	N/A	200558	APLF	STOP_GAINED

chr02a	71955783	C	T	0.167	N/A	0.233	165530	CLEC4F	STOP_GAINED
chr02a	76833172	A	G	0.119	0.333	0.033	6936	GCFC2	STOP_LOST
chr02a	88118465	A	G	0.024	0.083	N/A	65055	REEP1	SPLICE_SITE_DONOR
chr02a	96339891	G	A	0.024	N/A	0.033	11138	TBC1D8	STOP_GAINED
chr02a	107988402	T	C	0.095	0.25	0.033	27179	IL36A	SPLICE_SITE_DONOR
chr02b	263751	G	A	0.053	N/A	0.077	55997	CFC1	STOP_GAINED
chr02b	12200354	T	G	0.024	N/A	0.033	8685	MARCO	SPLICE_SITE_ACCEPTOR
chr02b	20448895	C	T	0.024	0.083	N/A	80122	MAP3K19	START_LOST
chr02b	24594351	C	T	0.238	0.417	0.167	339745	SPOPL	STOP_GAINED
chr02b	24595942	G	A	0.357	0.5	0.3	339745	SPOPL	STOP_GAINED
chr02b	34368825	A	G	0.095	0.333	N/A	5000	ORC4	SPLICE_SITE_DONOR
chr02b	38198171	T	A	0.357	0.417	0.333	26225	ARL5A	STOP_GAINED
chr02b	44726836	T	G	0.024	0.083	N/A	151531	UPP2	STOP_GAINED
chr02b	45244258	C	T	0.19	N/A	0.267	8502	PKP4	SPLICE_SITE_DONOR
chr02b	77000595	C	T	0.024	0.083	N/A	54529	ASNSD1	STOP_GAINED
chr02b	94579645	C	A	0.167	N/A	0.233	391475	DYTN	STOP_GAINED
chr02b	103097083	T	A	0.024	N/A	0.033	26154	ABCA12	STOP_GAINED
chr02b	109717234	G	A	0.024	0.083	N/A	2043	EPHA4	STOP_GAINED
chr02b	121111612	C	T	0.024	0.083	N/A	1146	CHRNA1	STOP_GAINED
chr02b	122256190	T	A	0.048	N/A	0.067	54577	UGT1A7	STOP_GAINED
chr03	1403067	T	C	0.071	0.083	0.067	84984	CEP19	START_LOST
chr03	3336662	G	T	0.071	N/A	0.1	93109	TMEM44	SPLICE_SITE_ACCEPTOR
chr03	4627304	G	A	0.024	N/A	0.033	344905	ATP13A5	STOP_GAINED
chr03	28504839	A	G	0.071	N/A	0.1	79750	ZNF385D	START_LOST
chr03	31737667	C	T	0.119	0.083	0.133	23180	RFTN1	STOP_GAINED
chr03	31793906	G	C	0.024	N/A	0.033	285381	DPH3	SPLICE_SITE_ACCEPTOR
chr03	31838771	C	A	0.214	0.083	0.267	117248	GALNTL2	SPLICE_SITE_ACCEPTOR
chr03	31849753	C	A	0.19	0.083	0.233	117248	GALNTL2	SPLICE_SITE_ACCEPTOR
chr03	31857203	C	A	0.214	0.083	0.267	117248	GALNTL2	STOP_GAINED
chr03	31862524	C	T	0.19	0.083	0.233	117248	GALNTL2	SPLICE_SITE_ACCEPTOR
chr03	31906873	G	A	0.19	0.083	0.233	117248	GALNTL2	STOP_GAINED
chr03	49493774	C	A	0.048	0.167	N/A	389158	PLSCR5	SPLICE_SITE_ACCEPTOR
chr03	61765662	C	T	0.024	0.083	N/A	389161	ANKUB1	STOP_GAINED
chr03	71756792	T	G	0.024	0.083	N/A	151790	WDR49	SPLICE_SITE_ACCEPTOR

chr03	77195091	G	A	0.048	0.167	N/A	57552	NCEH1	STOP_GAINED
chr03	84552406	G	T	0.025	N/A	0.036	86	ACTL6A	SPLICE_SITE_DONOR
chr03	88447148	C	T	0.143	N/A	0.2	23101	MCF2L2	SPLICE_SITE_ACCEPTOR
chr03	89499798	C	T	0.381	0.417	0.367	1981	EIF4G1	STOP_GAINED
chr03	91979027	G	A	0.024	N/A	0.033	26998	FETUB	STOP_GAINED
chr03	93577289	G	T	0.119	N/A	0.167	9940	DLEC1	SPLICE_SITE_ACCEPTOR
chr03	93988930	C	T	0.024	0.083	N/A	9941	EXOG	STOP_GAINED
chr03	94016237	A	G	0.024	N/A	0.033	9941	EXOG	SPLICE_SITE_ACCEPTOR
chr03	98527155	C	T	0.048	N/A	0.067	100506243	KRBOX1	STOP_GAINED
chr03	107966546	C	A	0.048	0.167	N/A	95	ACY1	STOP_GAINED
chr03	126200442	C	T	0.071	0.25	N/A	51372	TMA7	START_LOST
chr03	140495649	C	T	0.024	0.083	N/A	5021	OXTR	STOP_GAINED
chr03	144300189	T	C	0.405	0.5	0.367	5894	RAF1	STOP_LOST
chr03	144306892	C	T	0.095	0.333	N/A	5894	RAF1	STOP_GAINED
chr03	153760789	G	A	0.024	0.083	N/A	10954	PDIA5	STOP_GAINED
chr03	155355017	A	G	0.19	0.25	0.167	503582	ARGFX	STOP_LOST
chr03	155418613	T	C	0.024	0.083	N/A	10721	POLQ	SPLICE_SITE_DONOR
chr03	155433168	C	T	0.024	0.083	N/A	10721	POLQ	STOP_GAINED
chr03	157149638	A	G	0.071	0.083	0.067	8856	NR1I2	START_LOST
chr03	163256134	A	G	0.048	0.083	0.033	523	ATP6V1A	SPLICE_SITE_DONOR
chr03	165390802	C	T	0.024	0.083	N/A	10225	CD96	SPLICE_SITE_DONOR
chr03	168248569	T	C	0.214	N/A	0.3	84666	RETNLB	SPLICE_SITE_DONOR
chr03	168248569	T	*	0.024	N/A	0.033	84666	RETNLB	SPLICE_SITE_DONOR
chr03	178520595	C	A	0.024	0.083	N/A	10402	ST3GAL6	SPLICE_SITE_DONOR
chr03	178951181	A	G	0.357	0.333	0.367	79310	OR5H2	START_LOST
chr03	182910752	T	A	0.071	0.25	N/A	63899	NSUN3	STOP_GAINED
chr04	1752514	T	C	0.024	0.083	N/A	152877	FAM53A	SPLICE_SITE_ACCEPTOR
chr04	5897465	A	G	0.024	0.083	N/A	132884	EVC2	START_LOST
chr04	24716429	T	C	0.095	N/A	0.133	29063	ZCCHC4	STOP_LOST
chr04	38389078	C	T	0.262	0.167	0.3	7096	TLR1	STOP_GAINED
chr04	48106178	C	T	0.024	N/A	0.033	7006	TEC	SPLICE_SITE_ACCEPTOR
chr04	58188236	C	A	0.048	0.167	N/A	100129583	FAM47E	STOP_GAINED
chr04	58514153	C	T	0.071	N/A	0.1	27163	NAAA	STOP_GAINED
chr04	58529083	T	G	0.024	0.083	N/A	27163	NAAA	STOP_GAINED

chr04	60733650	C	A	0.024	0.083	N/A	5197	PF4V1	STOP_GAINED
chr04	80553653	G	T	0.024	0.083	N/A	170825	GSX2	STOP_GAINED
chr04	97548813	C	T	0.048	0.083	0.033	1977	EIF4E	START_LOST
chr04	97928915	A	G	0.024	N/A	0.033	440567	UQCRHL	START_LOST
chr04	98290933	G	T	0.024	0.083	N/A	4547	MTTP	SPLICE_SITE_DONOR
chr04	107478179	G	C	0.095	0.167	0.067	6164	RPL34	SPLICE_SITE_DONOR
chr04	118212241	G	T	0.024	0.083	N/A	54532	USP53	STOP_GAINED
chr04	153396560	G	A	0.071	N/A	0.1	23240	KIAA0922	SPLICE_SITE_ACCEPTOR
chr04	153526389	C	T	0.024	0.083	N/A	285533	RNF175	SPLICE_SITE_DONOR
chr04	154296963	T	C	0.024	0.083	N/A	54798	DCHS2	STOP_LOST
chr04	154400171	T	A	0.024	N/A	0.033	2243	FGA	STOP_GAINED
chr05	189006	A	T	0.19	N/A	0.267	133957	CCDC127	STOP_GAINED
chr05	196787	G	A	0.357	0.417	0.333	6389	SDHA	STOP_GAINED
chr05	4985013	G	A	0.048	N/A	0.067	170690	ADAMTS16	STOP_GAINED
chr05	7771466	T	A	0.048	0.083	0.033	4552	MTRR	START_LOST
chr05	24071650	C	T	0.75	N/A	0.75	56979	PRDM9	STOP_GAINED
chr05	35363501	G	T	0.381	0.5	0.333	64902	AGXT2	STOP_GAINED
chr05	41737652	C	G	0.024	0.083	N/A	729	C6	SPLICE_SITE_DONOR
chr05	43691109	C	T	0.048	N/A	0.067	389289	ANXA2R	STOP_GAINED
chr05	55917023	G	A	0.024	0.083	N/A	166979	CDC20B	STOP_GAINED
chr05	59470976	C	A	0.143	N/A	0.2	285668	C5orf64	STOP_GAINED
chr05	67674133	A	G	0.048	0.167	N/A	4671	NAIP	SPLICE_SITE_ACCEPTOR
chr05	75619419	C	T	0.024	N/A	0.033	23743	BHMT2	STOP_GAINED
chr05	84951846	G	A	0.5	0.5	0.5	153396	TMEM161B	STOP_GAINED
chr05	133440123	C	A	0.024	0.083	N/A	26223	FBXL21	STOP_GAINED
chr05	138754648	C	T	0.024	0.083	N/A	56122	PCDHB14	STOP_GAINED
chr05	155528501	C	A	0.048	N/A	0.067	11063	SOX30	STOP_GAINED
chr05	179582864	T	A	0.024	0.083	N/A	285659	OR2V2	STOP_GAINED
chr05	179583121	C	T	0.024	0.083	N/A	285659	OR2V2	STOP_GAINED
chr05	179583585	G	C	0.024	0.083	N/A	285659	OR2V2	STOP_LOST
chr06	26309245	A	G	0.048	N/A	0.067	10050	SLC17A4	SPLICE_SITE_ACCEPTOR
chr06	26728417	G	T	0.048	N/A	0.067	8343	HIST1H2BF	START_LOST
chr06	27036908	A	T	0.143	0.167	0.133	11120	BTN2A1	STOP_GAINED
chr06	28689750	G	A	0.024	N/A	0.033	64288	ZSCAN31	STOP_GAINED

chr06	29875280	C	T	0.024	0.083	N/A	26531	OR11A1	START_LOST
chr06	30116639	G	T	0.095	N/A	0.133	3134	MAMU-F	STOP_GAINED
chr06	31003006	C	T	0.071	N/A	0.1	202658	TRIM39-RPP21	STOP_GAINED
chr06	32270485	C	T	0.571	0.667	0.533	4277	MICB	STOP_GAINED
chr06	32785380	G	A	0.19	0.167	0.2	1589	CYP21A2	STOP_GAINED
chr06	32787939	C	T	0.024	N/A	0.033	1589	CYP21A2	STOP_GAINED
chr06	32789599	C	G	0.048	N/A	0.067	7148	TNXB	SPLICE_SITE_DONOR
chr06	32792225	C	T	0.048	N/A	0.067	7148	TNXB	SPLICE_SITE_ACCEPTOR
chr06	33547051	C	T	0.048	N/A	0.067	6891	TAP2	SPLICE_SITE_DONOR
chr06	33571596	G	C	0.024	0.083	N/A	6890	TAP1	STOP_GAINED
chr06	33571624	T	C	0.024	0.083	N/A	6890	TAP1	START_LOST
chr06	33664118	G	A	0.095	N/A	0.133	3109	MAMU-DMB	STOP_GAINED
chr06	34212117	T	C	0.175	0.25	0.143	221504	ZBTB9	SPLICE_SITE_DONOR
chr06	37153866	G	C	0.571	0.583	0.567	389384	C6orf222	SPLICE_SITE_ACCEPTOR
chr06	43819797	C	T	0.048	0.167	N/A	171558	PTCRA	STOP_GAINED
chr06	50911867	T	C	0.476	0.417	0.5	245927	DEFB113	START_LOST
chr06	53720746	C	T	0.452	0.5	0.433	221357	GSTA5	SPLICE_SITE_ACCEPTOR
chr06	57962298	C	T	0.071	N/A	0.1	57691	KIAA1586	STOP_GAINED
chr06	73925049	G	A	0.024	0.083	N/A	4646	MYO6	SPLICE_SITE_DONOR
chr06	102918730	C	A	0.048	N/A	0.067	57673	BEND3	SPLICE_SITE_ACCEPTOR
chr06	107080532	T	C	0.048	N/A	0.067	94120	SYTL3	SPLICE_SITE_ACCEPTOR
chr06	122001861	G	A	0.024	0.083	N/A	7402	UTRN	STOP_GAINED
chr06	134452537	C	G	0.024	0.083	N/A	116843	SLC18B1	STOP_GAINED
chr06	134624136	G	A	0.024	0.083	N/A	9287	TAAR2	STOP_GAINED
chr06	137393385	A	G	0.167	N/A	0.233	253582	TMEM244	START_LOST
chr06	150812988	G	A	0.071	0.25	N/A	221303	FAM162B	STOP_GAINED
chr06	155636720	T	C	0.025	N/A	0.036	8838	WISP3	SPLICE_SITE_ACCEPTOR
chr06	158652747	T	C	0.024	0.083	N/A	27244	SESN1	SPLICE_SITE_DONOR
chr06	161010861	C	T	0.071	N/A	0.1	6580	SLC22A1	STOP_GAINED
chr06	168598679	T	C	0.643	0.75	0.6	83887	TLL2	STOP_LOST
chr06	171483955	G	A	0.024	0.083	N/A	84498	FAM120B	STOP_GAINED
chr07	4353095	T	C	0.048	0.167	N/A	7033	TFF3	START_LOST
chr07	7847520	G	A	0.024	0.083	N/A	2114	ETS2	STOP_GAINED
chr07	10501680	A	G	0.024	0.083	N/A	9980	DOPEY2	SPLICE_SITE_DONOR

chr07	13052407	C	T	0.5	0.5	0.5	29980	DONSON	STOP_GAINED
chr07	40582609	A	G	0.024	N/A	0.033	27102	EIF2AK1	SPLICE_SITE_ACCEPTOR
chr07	40643537	C	T	0.024	0.083	N/A	5395	PMS2	STOP_GAINED
chr07	40693818	G	A	0.143	N/A	0.2	222967	RSPH10B	SPLICE_SITE_ACCEPTOR
chr07	40842686	G	A	0.024	0.083	N/A	7784	ZP3	STOP_GAINED
chr07	41600110	A	C	0.048	N/A	0.067	3092	HIP1	SPLICE_SITE_ACCEPTOR
chr07	41732862	C	T	0.024	0.083	N/A	55695	NSUN5	SPLICE_SITE_DONOR
chr07	60173571	G	A	0.19	N/A	0.267	154664	ABCA13	STOP_GAINED
chr07	64039919	A	G	0.071	N/A	0.1	29881	NPC1L1	SPLICE_SITE_ACCEPTOR
chr07	68928617	G	A	0.048	0.083	0.033	57002	YAE1D1	STOP_GAINED
chr07	100206286	A	G	0.167	N/A	0.233	3382	ICA1	SPLICE_SITE_ACCEPTOR
chr07	116901700	G	A	0.024	N/A	0.033	57639	CCDC146	STOP_GAINED
chr07	118103364	A	C	0.048	0.167	N/A	54809	SAMD9	STOP_GAINED
chr07	122969450	G	C	0.475	0.5	0.467	440	ASNS	STOP_GAINED
chr07	132633234	G	A	0.048	N/A	0.067	10466	COG5	STOP_GAINED
chr07	133138323	C	G	0.024	0.083	N/A	22798	LAMB4	SPLICE_SITE_ACCEPTOR
chr07	133625083	G	A	0.048	0.083	0.033	168451	THAP5	STOP_GAINED
chr07	141942769	G	A	0.333	0.167	0.4	4233	MET	STOP_GAINED
chr07	141942772	G	A	0.024	0.083	N/A	4233	MET	STOP_GAINED
chr07	142074111	G	T	0.238	0.333	0.2	830	CAPZA2	STOP_GAINED
chr07	147682387	G	A	0.095	N/A	0.133	10157	AASS	SPLICE_SITE_DONOR
chr07	160386626	G	T	0.048	0.167	N/A	57016	AKR1B10	SPLICE_SITE_ACCEPTOR
chr07	160392900	G	A	0.262	0.417	0.2	57016	AKR1B10	SPLICE_SITE_ACCEPTOR
chr07	161047675	A	G	0.095	N/A	0.133	55281	TMEM140	SPLICE_SITE_ACCEPTOR
chr07	164571189	T	C	0.143	N/A	0.2	136306	SVOPL	SPLICE_SITE_ACCEPTOR
chr07	166629826	C	T	0.024	0.083	N/A	90956	ADCK2	STOP_GAINED
chr07	167727379	T	G	0.024	N/A	0.033	54429	TAS2R5	STOP_GAINED
chr07	167727584	G	A	0.024	0.083	N/A	54429	TAS2R5	STOP_GAINED
chr07	170020913	C	T	0.024	0.083	N/A	202865	C7orf33	SPLICE_SITE_DONOR
chr07	174394687	C	A	0.024	0.083	N/A	7984	ARHGEF5	STOP_GAINED
chr07	174572688	G	A	0.048	0.167	N/A	442361	OR2A2	STOP_GAINED
chr07	174898594	C	T	0.071	N/A	0.1	285966	FAM115C	STOP_GAINED
chr07	176760788	C	T	0.024	N/A	0.033	285973	ATG9B	SPLICE_SITE_DONOR
chr07	176800324	G	C	0.024	N/A	0.033	6522	SLC4A2	SPLICE_SITE_ACCEPTOR

chr07	182712308	G	A	0.024	0.083	N/A	64327	LMBR1	SPLICE_SITE_DONOR
chr08	7354134	C	A	0.048	0.167	N/A	653423	SPAG11A	STOP_GAINED
chr08	11968044	T	C	0.5	0.5	0.5	10395	DLC1	SPLICE_SITE_ACCEPTOR
chr08	11972676	G	A	0.5	0.5	0.5	10395	DLC1	STOP_GAINED
chr08	11974854	C	A	0.5	0.5	0.5	10395	DLC1	SPLICE_SITE_DONOR
chr08	11974991	G	A	0.5	0.5	0.5	10395	DLC1	STOP_GAINED
chr08	11977065	G	A	0.5	0.5	0.5	10395	DLC1	STOP_GAINED
chr08	28823618	A	G	0.167	N/A	0.233	79618	HMBX1	SPLICE_SITE_ACCEPTOR
chr08	31137399	C	T	0.024	0.083	N/A	7486	WRN	STOP_GAINED
chr08	40463678	C	T	0.024	0.083	N/A	169355	IDO2	STOP_GAINED
chr08	41377120	C	T	0.19	0.167	0.2	138050	HGSNAT	STOP_GAINED
chr08	41377178	G	A	0.25	0.333	0.214	138050	HGSNAT	STOP_GAINED
chr08	50242018	T	C	0.262	0.333	0.233	137902	PXDNL	STOP_LOST
chr08	56308306	C	T	0.024	0.083	N/A	137886	UBXN2B	STOP_GAINED
chr08	56457376	G	T	0.024	N/A	0.033	8439	NSMAF	STOP_GAINED
chr08	59483773	C	A	0.143	N/A	0.2	444	ASPH	STOP_GAINED
chr08	64421373	C	G	0.024	0.083	N/A	137872	ADHFE1	STOP_GAINED
chr08	72060947	A	G	0.2	N/A	0.286	6921	TCEB1	SPLICE_SITE_DONOR
chr08	78107804	G	A	0.024	N/A	0.033	7163	TPD52	STOP_GAINED
chr08	96495063	T	A	0.024	0.083	N/A	203111	C8orf47	STOP_GAINED
chr08	99127485	T	C	0.025	0.083	N/A	169166	SNX31	START_LOST
chr08	107975833	T	A	0.024	N/A	0.033	93035	PKHD1L1	STOP_GAINED
chr08	108018062	G	A	0.024	0.083	N/A	93035	PKHD1L1	SPLICE_SITE_ACCEPTOR
chr08	108051741	C	A	0.071	0.083	0.067	93035	PKHD1L1	STOP_GAINED
chr08	108051741	C	T	0.048	0	0.067	93035	PKHD1L1	STOP_GAINED
chr08	108103459	G	A	0.095	N/A	0.133	93035	PKHD1L1	STOP_GAINED
chr08	131614241	G	A	0.071	N/A	0.1	23639	LRRC6	STOP_GAINED
chr08	140467832	C	T	0.024	0.083	N/A	389690	MROH5	STOP_GAINED
chr08	141760880	G	A	0.024	N/A	0.033	137797	LYPD2	STOP_GAINED
chr09	2953879	T	C	0.048	0.167	N/A	8789	FBP2	STOP_LOST
chr09	5630331	A	G	0.024	N/A	0.033	10507	SEMA4D	SPLICE_SITE_ACCEPTOR
chr09	8818750	T	G	0.405	0.5	0.367	389766	C9orf153	SPLICE_SITE_DONOR
chr09	17001983	T	A	0.024	N/A	0.033	2776	GNAQ	SPLICE_SITE_DONOR
chr09	48576036	T	C	0.048	N/A	0.067	3448	IFNA14	START_LOST



chr09	59742858	C	A	0.024	0.083	N/A	23586	DDX58	STOP_GAINED
chr09	61311683	G	C	0.024	0.083	N/A	57462	KIAA1161	STOP_GAINED
chr09	62680876	C	A	0.143	0.417	0.033	10488	CREB3	STOP_GAINED
chr09	62692858	A	C	0.071	0.167	0.033	57704	GBA2	START_LOST
chr09	66423597	A	G	0.119	N/A	0.167	83744	ZNF484	SPLICE_SITE_ACCEPTOR
chr09	68489826	T	C	0.095	0.333	N/A	54829	ASPN	STOP_LOST
chr09	68582048	G	T	0.048	N/A	0.067	4958	OMD	STOP_LOST
chr09	70580271	T	C	0.024	N/A	0.033	1306	COL15A1	SPLICE_SITE_DONOR
chr09	76157460	A	C	0.333	0.333	0.333	138804	OR13C4	STOP_GAINED
chr09	76204503	G	T	0.024	0.083	N/A	138802	OR13C8	STOP_GAINED
chr09	82632332	A	G	0.024	N/A	0.033	1902	LPAR1	SPLICE_SITE_DONOR
chr09	87199365	T	C	0.024	N/A	0.033	50514	DEC1	SPLICE_SITE_DONOR
chr09	93164492	G	A	0.024	0.083	N/A	2934	GSN	SPLICE_SITE_DONOR
chr09	94634779	C	T	0.024	0.083	N/A	158131	OR1Q1	STOP_GAINED
chr09	100976963	A	G	0.024	0.083	N/A	29941	PKN3	SPLICE_SITE_ACCEPTOR
chr09	105891178	G	C	0.024	0.083	N/A	28	ABO	STOP_GAINED
chr10	12108340	C	T	0.024	N/A	0.033	55526	DHTKD1	STOP_GAINED
chr10	12224965	A	T	0.024	N/A	0.033	8872	CDC123	SPLICE_SITE_ACCEPTOR
chr10	12224966	G	T	0.024	N/A	0.033	8872	CDC123	SPLICE_SITE_ACCEPTOR
chr10	15073712	T	C	0.214	N/A	0.3	414149	ACBD7	STOP_LOST
chr10	16969042	C	T	0.5	0.5	N/A	8029	CUBN	SPLICE_SITE_DONOR
chr10	16976199	G	A	0.5	0.5	0.5	8029	CUBN	STOP_GAINED
chr10	16979822	G	A	0.214	N/A	0.3	8029	CUBN	STOP_GAINED
chr10	21735638	T	G	0.024	N/A	0.033	8028	MLLT10	STOP_GAINED
chr10	21757949	C	T	0.024	N/A	0.033	8028	MLLT10	STOP_GAINED
chr10	25989213	A	G	0.667	0.583	0.708	53904	MYO3A	SPLICE_SITE_DONOR
chr10	43062554	G	T	0.143	N/A	0.2	57705	WDFY4	STOP_GAINED
chr10	44409005	T	C	0.143	0.5	N/A	83849	SYT15	SPLICE_SITE_DONOR
chr10	53166469	C	A	0.048	N/A	0.067	57178	ZMIZ1	SPLICE_SITE_DONOR
chr10	61986507	G	A	0.025	N/A	0.036	55222	LRRC20	SPLICE_SITE_DONOR
chr10	62735559	A	C	0.024	0.083	N/A	219738	C10orf35	SPLICE_SITE_DONOR
chr10	63693573	G	A	0.405	0.417	0.4	55749	CCAR1	STOP_GAINED
chr10	63695068	C	T	0.476	0.5	0.467	55749	CCAR1	SPLICE_SITE_DONOR
chr10	63697521	C	T	0.476	0.5	0.467	55749	CCAR1	SPLICE_SITE_DONOR

chr10	63697606	T	C	0.357	0.167	0.433	55749	CCAR1	SPLICE_SITE_ACCEPTOR
chr10	64091506	C	T	0.048	N/A	0.067	1763	DNA2	STOP_GAINED
chr10	83862948	T	C	0.024	0.083	N/A	340654	LIPM	START_LOST
chr10	84433771	C	A	0.024	0.083	N/A	439996	IFIT1B	STOP_GAINED
chr10	88483299	G	A	0.024	N/A	0.033	26509	MYOF	STOP_GAINED
chr10	89777826	C	T	0.381	0.417	0.367	1562	CYP2C18	STOP_GAINED
chr10	89777866	T	C	0.381	0.417	0.367	1562	CYP2C18	SPLICE_SITE_DONOR
chr10	89786083	C	T	0.381	0.417	0.367	1562	CYP2C18	STOP_GAINED
chr10	91488380	C	A	0.024	0.083	N/A	9849	ZNF518A	STOP_GAINED
chr10	97046465	C	G	0.024	0.083	N/A	8945	BTRC	STOP_GAINED
chr10	108029214	T	C	0.024	N/A	0.033	6975	TECTB	STOP_LOST
chr10	121610294	G	A	0.048	0.167	N/A	7390	UROS	SPLICE_SITE_DONOR
chr10	121837848	A	C	0.024	0.083	N/A	8038	ADAM12	STOP_LOST
chr10	129412692	C	T	0.024	0.083	N/A	196743	PAOX	STOP_GAINED
chr11	1697997	C	T	0.167	0.083	0.2	4046	LSP1	STOP_GAINED
chr11	1725257	T	C	0.238	0.083	0.3	7140	TNNT3	SPLICE_SITE_DONOR
chr11	1726971	A	T	0.1	N/A	0.143	7140	TNNT3	SPLICE_SITE_ACCEPTOR
chr11	1729574	G	A	0.095	0.083	0.1	7140	TNNT3	SPLICE_SITE_DONOR
chr11	3136425	C	G	0.024	0.083	N/A	440051	KRTAP5-11	SPLICE_SITE_ACCEPTOR
chr11	6675552	C	T	0.214	N/A	0.3	347853	TBX10	STOP_GAINED
chr11	6856884	C	T	0.025	0.083	N/A	390212	GPR152	STOP_GAINED
chr11	8470639	G	A	0.025	0.083	N/A	11007	CCDC85B	STOP_GAINED
chr11	8479890	T	C	0.024	0.083	N/A	1521	CTSW	SPLICE_SITE_ACCEPTOR
chr11	12140433	T	C	0.024	0.083	N/A	7439	BEST1	SPLICE_SITE_ACCEPTOR
chr11	12322604	C	T	0.026	0.083	N/A	3992	FADS1	STOP_GAINED
chr11	13271784	A	G	0.048	0.167	N/A	79080	CCDC86	STOP_LOST
chr11	14430439	C	T	0.024	N/A	0.033	219983	OR4D6	STOP_GAINED
chr11	14444570	G	A	0.024	N/A	0.033	219982	OR5A1	STOP_GAINED
chr11	14735027	C	T	0.357	0.5	0.3	374393	FAM111B	STOP_GAINED
chr11	15096751	C	A	0.048	N/A	0.067	219968	OR5B21	STOP_GAINED
chr11	15315193	A	G	0.071	0.083	0.067	219959	OR1S1	START_LOST
chr11	15315936	G	A	0.024	0.083	N/A	219959	OR1S1	STOP_GAINED
chr11	15454897	C	T	0.024	0.083	N/A	219952	OR6Q1	STOP_GAINED
chr11	16619152	C	T	0.095	0.167	0.067	338675	OR5AP2	STOP_GAINED

chr11	17061564	C	G	0.143	0.083	0.167	10798	OR5I1	STOP_GAINED
chr11	17988195	G	T	0.05	0.167	N/A	23279	NUP160	START_LOST
chr11	32699815	G	A	0.095	0.333	N/A	91614	DEPDC7	STOP_GAINED
chr11	35504512	C	T	0.31	0.25	0.333	2488	FSHB	SPLICE_SITE_ACCEPTOR
chr11	55735384	C	T	0.024	N/A	0.033	10894	LYVE1	STOP_GAINED
chr11	58268722	T	C	0.143	N/A	0.2	7275	TUB	START_LOST
chr11	58513197	C	T	0.524	0.25	0.633	120065	OR5P2	STOP_GAINED
chr11	60760876	G	T	0.048	N/A	0.067	85363	TRIM5	SPLICE_SITE_ACCEPTOR
chr11	61275328	C	A	0.071	0.167	0.033	283111	OR51V1	STOP_GAINED
chr11	61793376	C	T	0.024	0.083	N/A	401666	OR51A4	STOP_GAINED
chr11	66383886	G	T	0.524	0.667	0.467	10825	NEU3	START_LOST
chr11	69584839	C	T	0.024	0.083	N/A	79053	ALG8	SPLICE_SITE_DONOR
chr11	81502835	G	A	0.024	0.083	N/A	390231	TRIM77	SPLICE_SITE_DONOR
chr11	84892033	C	T	0.024	0.083	N/A	4544	MTNR1B	STOP_GAINED
chr11	94060576	G	A	0.024	0.083	N/A	253935	ANGPTL5	STOP_GAINED
chr11	95296767	C	T	0.024	N/A	0.033	79659	DYNC2H1	SPLICE_SITE_DONOR
chr11	97216698	A	C	0.048	0.167	N/A	440068	CARD17	SPLICE_SITE_DONOR
chr11	97217967	G	A	0.095	N/A	0.133	440068	CARD17	STOP_GAINED
chr11	99497064	G	A	0.5	0.5	0.5	143884	CWF19L2	STOP_GAINED
chr11	100622296	C	A	0.024	0.083	N/A	143888	KDEL2	SPLICE_SITE_DONOR
chr11	103661060	C	T	0.024	0.083	N/A	143903	LAYN	STOP_GAINED
chr11	109474026	A	G	0.405	0.917	0.2	22897	CEP164	SPLICE_SITE_DONOR
chr11	120934553	G	T	0.071	0.083	0.067	63970	TP53AIP1	STOP_GAINED
chr11	122862219	G	A	0.25	0.167	0.286	399979	SNX19	STOP_GAINED
chr12	7494154	C	T	0.476	0.583	0.433	9746	CLSTN3	SPLICE_SITE_DONOR
chr12	7734066	G	A	0.024	0.083	N/A	283316	CD163L1	STOP_GAINED
chr12	10242311	C	A	0.143	N/A	0.2	387836	CLEC2A	STOP_GAINED
chr12	11157377	G	A	0.024	0.083	N/A	50837	TAS2R7	STOP_GAINED
chr12	11868381	A	G	0.69	0.917	0.6	5542	PRB1	STOP_LOST
chr12	13312918	C	A	0.143	N/A	0.2	2842	GPR19	SPLICE_SITE_DONOR
chr12	26415961	G	A	0.024	N/A	0.033	160492	IFLTD1	STOP_GAINED
chr12	41314069	C	T	0.119	N/A	0.167	80070	ADAMTS20	SPLICE_SITE_DONOR
chr12	42355896	T	G	0.167	N/A	0.233	84216	TMEM117	STOP_LOST
chr12	45295813	C	T	0.143	N/A	0.2	91523	PCED1B	STOP_GAINED

chr12	46704663	G	A	0.214	0.167	0.233	341568	OR8S1	SPLICE_SITE_ACCEPTOR
chr12	51352811	G	A	0.238	0.083	0.3	5916	RARG	STOP_GAINED
chr12	54628870	T	A	0.024	0.083	N/A	319	APOF	STOP_GAINED
chr12	54749725	A	C	0.024	0.083	N/A	27165	GLS2	STOP_GAINED
chr12	55026183	G	C	0.143	0.083	0.167	8630	HSD17B6	SPLICE_SITE_DONOR
chr12	56034610	G	A	0.214	N/A	0.3	1019	CDK4	STOP_GAINED
chr12	62007152	G	A	0.048	0.167	N/A	10329	TMEM5	STOP_GAINED
chr12	80759668	G	A	0.286	0.417	0.233	29080	CCDC59	STOP_GAINED
chr12	89992747	A	T	0.071	N/A	0.1	196477	CCER1	STOP_GAINED
chr12	99421222	A	G	0.119	N/A	0.167	23074	UHRF1BP1L	SPLICE_SITE_DONOR
chr12	100830824	G	A	0.024	0.083	N/A	121599	SPIC	SPLICE_SITE_DONOR
chr12	100837594	G	A	0.405	0.5	0.367	121599	SPIC	STOP_GAINED
chr12	101542950	A	T	0.024	0.083	N/A	55010	PARPBP	STOP_GAINED
chr12	106281595	C	A	0.048	N/A	0.067	80298	MTERFD3	STOP_GAINED
chr12	109889898	T	A	0.024	N/A	0.033	144715	RAD9B	START_LOST
chr12	110110700	G	A	0.238	0.083	0.3	5501	PPP1CC	STOP_GAINED
chr12	110118434	G	T	0.238	0.083	0.3	5501	PPP1CC	STOP_GAINED
chr12	110759892	T	C	0.025	0.083	N/A	144717	FAM109A	SPLICE_SITE_ACCEPTOR
chr12	112299196	C	T	0.262	0.167	0.3	22895	RPH3A	SPLICE_SITE_DONOR
chr12	112344727	G	A	0.095	0.333	N/A	4938	OAS1	STOP_GAINED
chr12	112344751	G	A	0.095	0.333	N/A	4938	OAS1	STOP_GAINED
chr12	119741797	A	G	0.024	0.083	N/A	10985	GCN1L1	SPLICE_SITE_DONOR
chr12	120641487	A	G	0.048	N/A	0.067	8638	OASL	SPLICE_SITE_DONOR
chr12	120823088	G	A	0.024	0.083	N/A	5027	P2RX7	SPLICE_SITE_DONOR
chr12	124117709	T	C	0.024	0.083	N/A	144347	FAM101A	SPLICE_SITE_DONOR
chr12	125170772	C	A	0.024	0.083	N/A	114795	TMEM132B	STOP_GAINED
chr12	125170784	T	C	0.024	0.083	N/A	114795	TMEM132B	SPLICE_SITE_DONOR
chr12	132259608	A	*	0.75	0.5	0.818	57634	EP400	SPLICE_SITE_DONOR
chr12	132259608	A	G	0.071	0.333	0	57634	EP400	SPLICE_SITE_DONOR
chr13	55521	C	A	0.375	0.3	0.409	7278	TUBA3C	STOP_GAINED
chr13	351063	G	A	0.5	0.5	0.5	55269	PSPC1	STOP_GAINED
chr13	362489	T	A	0.5	0.5	0.5	55269	PSPC1	STOP_GAINED
chr13	10504773	G	T	0.024	0.083	N/A	122046	TEX26	SPLICE_SITE_DONOR
chr13	16430870	C	T	0.024	0.083	N/A	11340	EXOSC8	SPLICE_SITE_DONOR

chr13	31393313	A	T	0.071	0.25	N/A	341676	NEK5	SPLICE_SITE_DONOR
chr14	5310217	G	A	0.238	0.333	0.2	8924	HERC2	STOP_GAINED
chr14	11020943	C	G	0.048	N/A	0.067	54989	ZNF770	START_LOST
chr14	17081192	T	C	0.45	0.167	0.571	55177	RMDN3	SPLICE_SITE_ACCEPTOR
chr14	17200744	T	A	0.5	0.5	0.5	6692	SPINT1	SPLICE_SITE_DONOR
chr14	17877408	C	T	0.024	0.083	N/A	26015	RPAP1	SPLICE_SITE_ACCEPTOR
chr14	18068084	A	C	0.024	0.083	N/A	23269	MGA	SPLICE_SITE_ACCEPTOR
chr14	18356703	G	A	0.024	0.083	N/A	123745	PLA2G4E	SPLICE_SITE_DONOR
chr14	19960485	G	A	0.024	0.083	N/A	9677	PPIP5K1	STOP_GAINED
chr14	19961401	G	A	0.19	0.333	0.133	9677	PPIP5K1	STOP_GAINED
chr14	19961620	G	A	0.024	0.083	N/A	9677	PPIP5K1	STOP_GAINED
chr14	21533089	G	T	0.333	0.167	0.4	9153	SLC28A2	SPLICE_SITE_ACCEPTOR
chr14	21536722	C	T	0.024	0.083	N/A	9153	SLC28A2	STOP_GAINED
chr14	21537499	A	G	0.024	0.083	N/A	9153	SLC28A2	SPLICE_SITE_DONOR
chr14	21539494	G	A	0.31	0.167	0.367	9153	SLC28A2	SPLICE_SITE_ACCEPTOR
chr14	28724841	G	A	0.238	0.417	0.167	4644	MYO5A	SPLICE_SITE_DONOR
chr14	38606189	G	C	0.024	0.083	N/A	145741	C2CD4A	SPLICE_SITE_ACCEPTOR
chr14	40158373	G	A	0.214	N/A	0.3	8925	HERC1	SPLICE_SITE_DONOR
chr14	59955654	C	A	0.5	0.5	0.5	79631	EFTUD1	SPLICE_SITE_DONOR
chr14	59955777	G	A	0.5	0.5	0.5	79631	EFTUD1	STOP_GAINED
chr14	66980202	C	T	0.31	0.417	0.267	11057	ABHD2	SPLICE_SITE_DONOR
chr14	80742383	G	A	0.024	0.083	N/A	390437	OR4N5	STOP_GAINED
chr14	80913202	A	T	0.048	N/A	0.067	81127	OR4K15	STOP_GAINED
chr14	80945575	T	G	0.024	0.083	N/A	79544	OR4K1	STOP_LOST
chr14	81042946	A	C	0.024	0.083	N/A	390429	OR4N2	STOP_GAINED
chr14	81043311	G	A	0.119	0.417	N/A	390429	OR4N2	STOP_GAINED
chr14	81069204	G	A	0.071	0.25	N/A	283694	OR4N4	STOP_GAINED
chr14	81088559	G	A	0.071	N/A	0.1	390538	OR4M2	STOP_GAINED
chr14	81361896	C	A	0.024	0.083	N/A	57820	CCNB1IP1	SPLICE_SITE_DONOR
chr14	84815770	C	T	0.19	0.25	0.167	10202	DHRS2	STOP_GAINED
chr14	107015310	C	A	0.024	0.083	N/A	55320	MIS18BP1	SPLICE_SITE_ACCEPTOR
chr14	112746037	G	A	0.024	0.083	N/A	5836	PYGL	SPLICE_SITE_DONOR
chr14	116929106	G	A	0.143	0.5	N/A	3958	LGALS3	SPLICE_SITE_ACCEPTOR
chr14	119238401	A	G	0.119	0.417	N/A	55195	C14orf105	STOP_LOST

chr14	125334050	A	T	0.5	0.5	0.5	112840	WDR89	STOP_GAINED
chr14	125334499	G	A	0.5	0.5	0.5	112840	WDR89	STOP_GAINED
chr14	132784131	C	A	0.024	0.083	N/A	4293	MAP3K9	STOP_GAINED
chr14	135385353	C	G	0.025	N/A	0.036	89932	PAPLN	STOP_GAINED
chr14	135711217	C	T	0.143	N/A	0.2	122970	ACOT4	STOP_GAINED
chr14	137116017	G	A	0.048	0.167	N/A	27030	MLH3	STOP_GAINED
chr14	137149230	T	C	0.024	N/A	0.033	27030	MLH3	START_LOST
chr14	154396250	C	T	0.024	0.083	N/A	9321	TRIP11	SPLICE_SITE_ACCEPTOR
chr14	156913933	A	C	0.381	0.5	0.333	327657	SERPINA9	STOP_GAINED
chr14	164720532	A	G	0.095	N/A	0.133	55778	ZNF839	START_LOST
chr15	6895378	C	T	0.235	0.417	0.136	140690	CTCF	SPLICE_SITE_DONOR
chr15	18754912	A	T	0.024	0.083	N/A	391253	SPINT4	STOP_LOST
chr15	25677420	G	C	0.143	0.167	0.133	3929	LBP	STOP_GAINED
chr15	26978591	G	A	0.024	0.083	N/A	5933	RBL1	SPLICE_SITE_ACCEPTOR
chr15	27406104	C	T	0.024	0.083	N/A	84174	SLA2	SPLICE_SITE_DONOR
chr15	30465218	C	T	0.024	0.083	N/A	170487	ACTL10	STOP_GAINED
chr15	31007262	T	C	0.571	0.833	0.467	359710	BPIFB3	SPLICE_SITE_DONOR
chr15	31023012	T	C	0.786	0.833	0.767	359710	BPIFB3	START_LOST
chr15	34012380	G	T	0.071	N/A	0.1	642636	RAD21L1	SPLICE_SITE_ACCEPTOR
chr15	34389698	C	T	0.024	0.083	N/A	10326	SIRPB1	SPLICE_SITE_ACCEPTOR
chr15	35789783	T	G	0.024	0.083	N/A	5786	PTPRA	STOP_GAINED
chr15	37649263	A	G	0.881	0.917	0.867	9770	RASSF2	SPLICE_SITE_DONOR
chr15	56710557	C	T	0.5	0.5	0.5	128822	CST9	STOP_GAINED
chr15	56828212	G	A	0.071	N/A	0.1	1473	CST5	STOP_GAINED
chr15	58093290	G	A	0.024	0.083	N/A	30813	VSX1	STOP_GAINED
chr15	58225497	T	A	0.119	0.333	0.033	955	ENTPD6	STOP_GAINED
chr15	58335505	G	A	0.024	0.083	N/A	26090	ABHD12	SPLICE_SITE_DONOR
chr15	61095013	C	T	0.048	0.167	N/A	128977	C22orf39	START_LOST
chr15	61510621	C	A	0.048	0.083	0.033	54584	GNB1L	SPLICE_SITE_DONOR
chr15	61819466	C	G	0.471	0.5	0.467	29801	ZDHHC8	STOP_GAINED
chr15	66668341	C	T	0.5	0.5	0.5	2678	GGT1	STOP_GAINED
chr15	66673963	C	T	0.476	0.417	0.5	2678	GGT1	STOP_GAINED
chr15	66762820	A	C	0.595	0.417	0.667	440822	PIWIL3	SPLICE_SITE_ACCEPTOR
chr15	74207461	C	T	0.048	0.167	N/A	254240	BPIFC	STOP_GAINED

chr15	77158869	A	G	0.048	N/A	0.067	10043	TOM1	START_LOST
chr15	82795937	C	A	0.024	0.083	N/A	150353	DNAJB7	STOP_GAINED
chr15	85931042	G	A	0.025	0.083	N/A	150379	PNPLA5	STOP_GAINED
chr15	86868074	C	T	0.024	0.083	N/A	23779	ARHGAP8	STOP_GAINED
chr16	668181	C	G	0.025	0.083	N/A	339123	JMJD8	START_LOST
chr16	1946621	G	A	0.048	N/A	0.067	10607	TBL3	STOP_GAINED
chr16	12706019	G	A	0.024	0.083	N/A	55313	CPPED1	STOP_GAINED
chr16	19784209	C	T	0.024	N/A	0.033	6296	ACSM3	STOP_GAINED
chr16	25764853	C	T	0.095	N/A	0.133	162083	C16orf82	STOP_GAINED
chr16	26186354	T	C	0.071	N/A	0.1	50615	IL21R	STOP_LOST
chr16	27578956	C	T	0.024	0.083	N/A	26471	NUPR1	STOP_GAINED
chr16	27659709	T	C	0.024	N/A	0.033	728689	EIF3CL	SPLICE_SITE_DONOR
chr16	27886013	G	A	0.048	N/A	0.067	1731	SEPT1	STOP_GAINED
chr16	27886172	C	T	0.048	N/A	0.067	1731	SEPT1	SPLICE_SITE_DONOR
chr16	28914280	G	A	0.024	0.083	N/A	146547	PRSS36	SPLICE_SITE_DONOR
chr16	30288337	A	C	0.5	0.5	0.5	79801	SHCBP1	STOP_GAINED
chr16	30288342	C	A	0.5	0.5	0.5	79801	SHCBP1	SPLICE_SITE_ACCEPTOR
chr16	30304022	G	A	0.024	0.083	N/A	79801	SHCBP1	STOP_GAINED
chr16	30305628	C	T	0.071	0.167	0.033	79801	SHCBP1	STOP_GAINED
chr16	30359305	T	C	0.5	0.5	0.5	55737	VPS35	SPLICE_SITE_ACCEPTOR
chr16	30361791	A	T	0.5	0.5	0.5	55737	VPS35	STOP_GAINED
chr16	30362517	C	A	0.5	0.5	0.5	55737	VPS35	SPLICE_SITE_ACCEPTOR
chr16	30364204	C	T	0.143	N/A	0.2	55737	VPS35	STOP_GAINED
chr16	30365783	C	T	0.5	0.5	0.5	55737	VPS35	SPLICE_SITE_DONOR
chr16	30368907	T	A	0.5	0.5	0.5	55737	VPS35	STOP_GAINED
chr16	50993194	G	A	0.119	0.083	0.133	8883	NAE1	STOP_GAINED
chr16	51352346	G	A	0.375	0.333	0.393	653319	KIAA0895L	STOP_GAINED
chr16	51352661	C	A	0.024	0.083	N/A	653319	KIAA0895L	STOP_GAINED
chr16	51918942	T	C	0.024	0.083	N/A	81577	GFOD2	START_LOST
chr16	52139717	A	C	0.024	0.083	N/A	123904	NRN1L	STOP_LOST
chr16	59708717	G	T	0.05	0.167	N/A	79583	TMEM231	STOP_GAINED
chr16	70259337	A	T	0.048	N/A	0.067	23199	GSE1	STOP_GAINED
chr17	4901030	C	G	0.024	N/A	0.033	10749	KIF1C	STOP_GAINED
chr17	6545128	C	T	0.048	0.167	N/A	388327	C17orf100	STOP_GAINED

chr17	8079645	A	G	0.095	N/A	0.133	5187	PER1	SPLICE_SITE_DONOR
chr17	8288147	T	C	0.333	0.5	0.267	124751	KRBA2	START_LOST
chr17	8288147	T	A	0.024	0.083	0	124751	KRBA2	START_LOST
chr17	10623226	G	A	0.214	0.083	0.267	6341	SCO1	STOP_GAINED
chr17	12950811	T	A	0.024	N/A	0.033	9912	ARHGAP44	SPLICE_SITE_DONOR
chr17	22219900	G	T	0.024	N/A	0.033	645832	SEBOX	STOP_GAINED
chr17	22628543	G	A	0.19	0.25	0.167	284086	NEK8	SPLICE_SITE_ACCEPTOR
chr17	25137137	C	T	0.024	N/A	0.033	4763	NF1	STOP_GAINED
chr17	25162878	A	T	0.024	N/A	0.033	4763	NF1	STOP_GAINED
chr17	25163250	G	C	0.024	N/A	0.033	4763	NF1	SPLICE_SITE_DONOR
chr17	29235341	C	A	0.095	0.25	0.033	146857	SLFN13	STOP_GAINED
chr17	29238703	C	G	0.024	N/A	0.033	146857	SLFN13	SPLICE_SITE_DONOR
chr17	34015648	G	A	0.024	N/A	0.033	55771	PRR11	STOP_GAINED
chr17	36282355	G	A	0.048	0.083	0.033	8161	COIL	STOP_GAINED
chr17	36282504	C	T	0.048	0.083	0.033	8161	COIL	STOP_GAINED
chr17	36282510	C	T	0.048	0.083	0.033	8161	COIL	STOP_GAINED
chr17	42432643	A	G	0.048	0.167	N/A	8714	ABCC3	SPLICE_SITE_DONOR
chr17	44151473	T	C	0.048	0.167	N/A	2695	GIP	STOP_LOST
chr17	44349988	G	C	0.19	0.417	0.1	124989	EFCAB13	STOP_GAINED
chr17	48498329	A	G	0.024	0.083	N/A	125113	KRT222	SPLICE_SITE_DONOR
chr17	48632540	G	T	0.024	0.083	N/A	162605	KRT28	STOP_GAINED
chr17	50866291	T	A	0.132	0.625	N/A	146923	RUNDC1	SPLICE_SITE_DONOR
chr17	55580568	C	T	0.333	0.083	0.433	63897	HEATR6	STOP_GAINED
chr17	55582592	A	T	0.405	0.167	0.5	63897	HEATR6	SPLICE_SITE_ACCEPTOR
chr17	56871723	G	A	0.19	N/A	0.267	81033	KCNH6	STOP_GAINED
chr17	59307282	T	C	0.024	0.083	N/A	201134	CEP112	SPLICE_SITE_ACCEPTOR
chr17	62156840	C	T	0.095	N/A	0.133	10350	ABCA9	STOP_GAINED
chr17	67943939	C	T	0.071	N/A	0.1	100131439	CD300LD	STOP_GAINED
chr17	69557934	G	A	0.024	0.083	N/A	23265	EXOC7	STOP_GAINED
chr18	6040273	C	T	0.024	0.083	N/A	7050	TGIF1	SPLICE_SITE_DONOR
chr18	12532276	G	A	0.024	N/A	0.033	125488	TTC39C	SPLICE_SITE_DONOR
chr18	12940791	C	A	0.024	N/A	0.033	59340	HRH4	STOP_GAINED
chr18	35910524	C	T	0.024	N/A	0.033	51224	TCEB3B	STOP_GAINED
chr18	58759817	T	C	0.048	0.083	0.033	79839	CCDC102B	SPLICE_SITE_DONOR



chr19	128724	G	A	0.024	0.083	N/A	51298	THEG	STOP_GAINED
chr19	1259004	G	A	0.325	0.583	0.214	54760	PCSK4	STOP_GAINED
chr19	3059593	C	A	0.024	0.083	N/A	8698	S1PR4	STOP_GAINED
chr19	6745161	G	A	0.119	0.333	0.033	718	C3	SPLICE_SITE_DONOR
chr19	9037114	G	C	0.048	0.083	0.033	162998	OR7D2	STOP_LOST
chr19	9305075	G	A	0.024	N/A	0.033	147741	ZNF560	STOP_GAINED
chr19	9833179	T	C	0.333	N/A	0.467	50700	RDH8	START_LOST
chr19	10164601	C	A	0.048	0.167	N/A	3385	ICAM3	STOP_GAINED
chr19	11243422	C	A	0.024	0.083	N/A	115948	CCDC151	STOP_GAINED
chr19	11316414	G	A	0.024	N/A	0.033	51295	ECSIT	STOP_GAINED
chr19	11534783	G	A	0.024	N/A	0.033	55552	ZNF823	STOP_GAINED
chr19	11664421	C	A	0.048	0.083	0.033	7620	ZNF69	STOP_GAINED
chr19	11813146	G	A	0.024	0.083	N/A	729747	ZNF878	STOP_GAINED
chr19	12161244	G	A	0.024	0.083	N/A	79973	ZNF442	STOP_GAINED
chr19	14512550	C	A	0.024	0.083	N/A	84449	ZNF333	STOP_GAINED
chr19	16100208	C	G	0.45	0.417	0.464	58513	EPS15L1	SPLICE_SITE_ACCEPTOR
chr19	17055934	T	C	0.071	0.167	0.033	684	BST2	SPLICE_SITE_ACCEPTOR
chr19	18976408	A	C	0.214	N/A	0.3	8625	RFXANK	SPLICE_SITE_ACCEPTOR
chr19	25426284	C	T	0.167	0.333	0.083	8725	URI1	STOP_GAINED
chr19	30652565	C	T	0.048	0.167	N/A	5349	FXYD3	STOP_GAINED
chr19	30654659	G	A	0.048	N/A	0.067	5349	FXYD3	STOP_GAINED
chr19	31293736	G	A	0.071	0.25	N/A	55851	PSENE1	SPLICE_SITE_DONOR
chr19	32134517	G	C	0.225	N/A	0.321	84911	ZNF382	SPLICE_SITE_DONOR
chr19	33135517	C	T	0.048	0.083	0.033	84775	ZNF607	SPLICE_SITE_ACCEPTOR
chr19	35798813	G	A	0.024	0.083	N/A	645	BLVRB	STOP_GAINED
chr19	36270325	G	C	0.024	0.083	N/A	1548	CYP2A6	STOP_GAINED
chr19	36993359	A	G	0.119	N/A	0.167	1089	CEACAM4	SPLICE_SITE_DONOR
chr19	36994826	C	G	0.024	0.083	N/A	1089	CEACAM4	SPLICE_SITE_DONOR
chr19	36998898	G	A	0.476	0.083	0.633	1089	CEACAM4	STOP_GAINED
chr19	38786447	G	A	0.143	0.333	0.067	7638	ZNF221	STOP_GAINED
chr19	40460423	T	G	0.024	0.083	N/A	80207	OPA3	STOP_LOST
chr19	43121184	C	T	0.024	0.083	N/A	22900	CARD8	STOP_GAINED
chr19	44823094	C	T	0.119	0.333	0.033	259307	IL4I1	STOP_GAINED
chr19	45724302	A	T	0.024	0.083	N/A	3817	KLK2	SPLICE_SITE_ACCEPTOR

chr19	45724422	C	T	0.119	N/A	0.167	3817	KLK2	STOP_GAINED
chr19	45724591	G	A	0.024	0.083	N/A	3817	KLK2	SPLICE_SITE_DONOR
chr19	45827914	G	A	0.167	0.083	0.2	5650	KLK7	SPLICE_SITE_DONOR
chr19	45840966	G	A	0.024	0.083	N/A	11202	KLK8	STOP_GAINED
chr19	46484442	T	C	0.024	0.083	N/A	2358	FPR2	START_LOST
chr19	47389999	A	T	0.024	0.083	N/A	81856	ZNF611	START_LOST
chr19	48373171	G	A	0.024	0.083	N/A	55422	ZNF331	SPLICE_SITE_ACCEPTOR
chr19	48964413	G	C	0.048	0.083	0.033	79165	LENG1	STOP_GAINED
chr19	48964550	G	A	0.048	0.083	0.033	79165	LENG1	STOP_GAINED
chr19	51307630	G	A	0.048	N/A	0.067	400720	ZNF772	STOP_GAINED
chr19	52582793	C	T	0.024	0.083	N/A	126206	NLRP5	SPLICE_SITE_DONOR
chr19	52809490	G	A	0.048	N/A	0.067	204801	NLRP11	SPLICE_SITE_ACCEPTOR
chrX	7536966	C	T	0.238	0.083	0.3	3730	KAL1	STOP_GAINED
chrX	7552185	G	A	0.238	0.083	0.3	3730	KAL1	STOP_GAINED
chrX	7552215	G	A	0.238	0.083	0.3	3730	KAL1	STOP_GAINED
chrX	7552230	G	A	0.238	0.083	0.3	3730	KAL1	STOP_GAINED
chrX	7554835	G	A	0.214	0.083	0.267	3730	KAL1	STOP_GAINED
chrX	7563295	A	G	0.238	0.083	0.3	3730	KAL1	SPLICE_SITE_DONOR
chrX	7708716	G	A	0.211	0.083	0.269	3730	KAL1	STOP_GAINED
chrX	12153303	C	T	0.048	0.167	N/A	171484	FAM9C	START_LOST
chrX	12874814	T	A	0.024	N/A	0.033	8481	OFD1	SPLICE_SITE_DONOR
chrX	14505564	G	A	0.024	0.083	N/A	140456	ASB11	STOP_GAINED
chrX	38005722	G	A	0.024	0.083	N/A	6103	RPGR	STOP_GAINED
chrX	38028256	C	A	0.143	0.25	0.1	6103	RPGR	SPLICE_SITE_DONOR
chrX	49235463	C	A	0.071	0.25	N/A	27238	GPKOW	STOP_GAINED
chrX	51841809	G	T	0.024	0.083	N/A	9500	MAGED1	SPLICE_SITE_ACCEPTOR
chrX	54608399	T	A	0.024	0.083	N/A	90737	PAGE5	SPLICE_SITE_DONOR
chrX	95175602	A	G	0.5	0.5	0.5	2491	CENPI	SPLICE_SITE_ACCEPTOR
chrX	97844927	C	T	0.238	0.083	0.3	139231	FAM199X	STOP_GAINED
chrX	105147896	C	A	0.19	0.083	0.233	827	CAPN6	STOP_GAINED
chrX	135472241	C	T	0.476	0.5	0.467	51438	MAGEC2	STOP_GAINED
chrX	135473018	G	T	0.5	0.5	0.5	51438	MAGEC2	STOP_GAINED
chrX	143133666	G	T	0.143	0.167	0.133	4107	MAGEA8	STOP_GAINED
chrX	143344446	G	A	0.024	0.083	N/A	4110	MAGEA11	STOP_GAINED

chrX	146804588	C	T	0.5	0.5	0.5	492	ATP2B3	STOP_GAINED
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