

CHR	POS (hg18)	POS (hg19)	MAF	Type	REF
Stop Gain					
3	38714167	38739163	0.00011	stopgain	G
3	38718595	38743591	0.00023	stopgain	G
3	38728717	38753713	0.00011	stopgain	C
3	38730509	38755505	0.00011	stopgain	G
3	38768935	38793931	0.00011	stopgain	G
3	38787821	38812817	0.00011	stopgain	G
Splicing					
3	38730454	38755450	0.00226	splicing;nonsynonymous	C
3	38773365	38798361	0.00011	splicing;nonsynonymous	G
3	38787774	38812770	0.00011	splicing;nonsynonymous	G
3	38787901	38812897	0.00045	splicing;nonsynonymous	A
3	38718335	38743331	0.00011	splicing;synonymous	C
3	38805531	38830527	0.00011	splicing;synonymous	C
Nonsynonymous					
3	38713893	38738889	0.00011	nonsynonymous	T
3	38713928	38738924	0.00124	nonsynonymous	A
3	38714025	38739021	0.00011	nonsynonymous	A
3	38714058	38739054	0.00023	nonsynonymous	G
3	38714110	38739106	0.00124	nonsynonymous	G
3	38714121	38739117	0.00011	nonsynonymous	T
3	38714128	38739124	0.00011	nonsynonymous	G
3	38714134	38739130	0.00011	nonsynonymous	C
3	38714175	38739171	0.00034	nonsynonymous	C
3	38714236	38739232	0.00011	nonsynonymous	C
3	38714373	38739369	0.00011	nonsynonymous	T
3	38714421	38739417	0.00011	nonsynonymous	G
3	38714484	38739480	0.00011	nonsynonymous	A
3	38714515	38739511	0.00056	nonsynonymous	C
3	38714539	38739535	0.00011	nonsynonymous	T
3	38714626	38739622	0.01051	nonsynonymous	C
3	38714715	38739711	0.00034	nonsynonymous	A
3	38714837	38739833	0.00011	nonsynonymous	C
3	38714866	38739862	0.00034	nonsynonymous	C
3	38714884	38739880	0.00011	nonsynonymous	C
3	38714974	38739970	0.00011	nonsynonymous	C
3	38714977	38739973	0.00011	nonsynonymous	T
3	38714979	38739975	0.00011	nonsynonymous	C
3	38715040	38740036	0.00011	nonsynonymous	T
3	38718406	38743402	0.00011	nonsynonymous	C

3	38718410	38743406	0.00034	nonsynonymous	C
3	38718423	38743419	0.00305	nonsynonymous	C
3	38718424	38743420	0.00011	nonsynonymous	A
3	38718511	38743507	0.00045	nonsynonymous	T
3	38718522	38743518	0.00034	nonsynonymous	A
3	38718553	38743549	0.00011	nonsynonymous	T
3	38726043	38751039	0.00011	nonsynonymous	A
3	38726046	38751042	0.00023	nonsynonymous	A
3	38726054	38751050	0.00023	nonsynonymous	G
3	38726089	38751085	0.00011	nonsynonymous	C
3	38726098	38751094	0.00011	nonsynonymous	G
3	38727343	38752339	0.00023	nonsynonymous	C
3	38728736	38753732	0.00429	nonsynonymous	A
3	38728765	38753761	0.00011	nonsynonymous	T
3	38728838	38753834	0.00011	nonsynonymous	A
3	38728861	38753857	0.00011	nonsynonymous	A
3	38730469	38755465	0.00011	nonsynonymous	C
3	38730482	38755478	0.00011	nonsynonymous	G
3	38730508	38755504	0.00011	nonsynonymous	C
3	38730553	38755549	0.00023	nonsynonymous	G
3	38730566	38755562	0.00011	nonsynonymous	T
3	38735155	38760151	0.00045	nonsynonymous	A
3	38735183	38760179	0.00011	nonsynonymous	T
3	38738778	38763774	0.00011	nonsynonymous	A
3	38738820	38763816	0.00011	nonsynonymous	C
3	38738843	38763839	0.00034	nonsynonymous	C
3	38738866	38763862	0.00011	nonsynonymous	T
3	38738889	38763885	0.00011	nonsynonymous	G
3	38740002	38764998	0.23569	nonsynonymous	A
3	38741679	38766675	0.41667	nonsynonymous	A
3	38741764	38766760	0.02433	nonsynonymous	G
3	38741787	38766783	0.00011	nonsynonymous	T
3	38743121	38768117	0.00011	nonsynonymous	C
3	38743178	38768174	0.00011	nonsynonymous	A
3	38743216	38768212	0.00113	nonsynonymous	G
3	38743282	38768278	0.00011	nonsynonymous	C
3	38743304	38768300	0.25200	nonsynonymous	T
3	38743372	38768368	0.00011	nonsynonymous	G
3	38743417	38768413	0.00011	nonsynonymous	G
3	38743442	38768438	0.00011	nonsynonymous	G
3	38743501	38768497	0.00011	nonsynonymous	T

3	38745123	38770119	0.00011 nonsynonymous	C
3	38745201	38770197	0.00011 nonsynonymous	C
3	38745202	38770198	0.00147 nonsynonymous	T
3	38745212	38770208	0.00023 nonsynonymous	G
3	38745236	38770232	0.00045 nonsynonymous	C
3	38745249	38770245	0.00034 nonsynonymous	C
3	38745263	38770259	0.00011 nonsynonymous	C
3	38745336	38770332	0.00011 nonsynonymous	C
3	38756015	38781011	0.00023 nonsynonymous	G
3	38756135	38781131	0.00011 nonsynonymous	A
3	38756176	38781172	0.00011 nonsynonymous	G
3	38758839	38783835	0.00011 nonsynonymous	C
3	38758840	38783836	0.00011 nonsynonymous	C
3	38758846	38783842	0.00011 nonsynonymous	C
3	38758847	38783843	0.00011 nonsynonymous	A
3	38758943	38783939	0.00023 nonsynonymous	A
3	38759014	38784010	0.00011 nonsynonymous	C
3	38766591	38791587	0.00011 nonsynonymous	C
3	38766667	38791663	0.00034 nonsynonymous	C
3	38768722	38793718	0.00011 nonsynonymous	C
3	38768757	38793753	0.00011 nonsynonymous	G
3	38768801	38793797	0.00045 nonsynonymous	T
3	38768811	38793807	0.00011 nonsynonymous	G
3	38768869	38793865	0.00011 nonsynonymous	G
3	38768877	38793873	0.00011 nonsynonymous	T
3	38768944	38793940	0.02673 nonsynonymous	A
3	38768946	38793942	0.00011 nonsynonymous	C
3	38768977	38793973	0.00011 nonsynonymous	G
3	38768980	38793976	0.00023 nonsynonymous	G
3	38772312	38797308	0.00011 nonsynonymous	G
3	38772314	38797310	0.00045 nonsynonymous	G
3	38772374	38797370	0.00045 nonsynonymous	T
3	38772407	38797403	0.00011 nonsynonymous	T
3	38773173	38798169	0.00011 nonsynonymous	T
3	38773179	38798175	0.00011 nonsynonymous	T
3	38773198	38798194	0.00011 nonsynonymous	C
3	38773263	38798259	0.00011 nonsynonymous	G
3	38773318	38798314	0.00034 nonsynonymous	T
3	38773321	38798317	0.00158 nonsynonymous	C
3	38773601	38798597	0.00011 nonsynonymous	T
3	38773624	38798620	0.00011 nonsynonymous	T

3	38777221	38802217	0.00056 nonsynonymous	C
3	38777717	38802713	0.00079 nonsynonymous	C
3	38777763	38802759	0.00011 nonsynonymous	C
3	38777797	38802793	0.00011 nonsynonymous	C
3	38777846	38802842	0.00011 nonsynonymous	A
3	38780009	38805005	0.00011 nonsynonymous	C
3	38780065	38805061	0.00023 nonsynonymous	C
3	38780073	38805069	0.01343 nonsynonymous	T
3	38787786	38812782	0.00011 nonsynonymous	A
3	38787811	38812807	0.00011 nonsynonymous	G
3	38805475	38830471	0.00023 nonsynonymous	C
3	38805515	38830511	0.00011 nonsynonymous	T
3	38808560	38833556	0.00011 nonsynonymous	T
3	38808611	38833607	0.00011 nonsynonymous	C
3	38808626	38833622	0.00011 nonsynonymous	C
3	38810274	38835270	0.00011 nonsynonymous	G
3	38810405	38835401	0.00011 nonsynonymous	G
3	38810435	38835431	0.00011 nonsynonymous	A
3	38810436	38835432	0.00011 nonsynonymous	T
3	38810465	38835461	0.00271 nonsynonymous	C
3	38810492	38835488	0.00011 nonsynonymous	A

Synonymous

3	38714270	38739266	0.00011 synonymous	G
3	38714279	38739275	0.00011 synonymous	T
3	38714312	38739308	0.00011 synonymous	C
3	38714345	38739341	0.00011 synonymous	C
3	38714357	38739353	0.00068 synonymous	G
3	38714420	38739416	0.00214 synonymous	C
3	38714459	38739455	0.00011 synonymous	G
3	38714498	38739494	0.03167 synonymous	G
3	38714570	38739566	0.00011 synonymous	G
3	38714738	38739734	0.00011 synonymous	C
3	38714849	38739845	0.09452 synonymous	A
3	38714885	38739881	0.00034 synonymous	G
3	38714986	38739982	0.00011 synonymous	G
3	38715005	38740001	0.01119 synonymous	C
3	38718503	38743499	0.00011 synonymous	C
3	38718575	38743571	0.00090 synonymous	G
3	38726009	38751005	0.00011 synonymous	C
3	38726042	38751038	0.00011 synonymous	A
3	38730504	38755500	0.00034 synonymous	G

3	38735250	38760246	0.00011	synonymous	G
3	38738867	38763863	0.26009	synonymous	G
3	38741705	38766701	0.13611	synonymous	C
3	38741765	38766761	0.00011	synonymous	T
3	38741798	38766794	0.00011	synonymous	C
3	38743191	38768187	0.00011	synonymous	A
3	38743215	38768211	0.00011	synonymous	C
3	38743251	38768247	0.25149	synonymous	G
3	38743254	38768250	0.00011	synonymous	T
3	38743338	38768334	0.04194	synonymous	T
3	38743374	38768370	0.00011	synonymous	G
3	38743479	38768475	0.00011	synonymous	G
3	38745052	38770048	0.00011	synonymous	C
3	38745124	38770120	0.00011	synonymous	A
3	38745270	38770266	0.00011	synonymous	G
3	38745304	38770300	0.00011	synonymous	G
3	38745310	38770306	0.00011	synonymous	G
3	38745382	38770378	0.00011	synonymous	C
3	38756055	38781051	0.00011	synonymous	G
3	38756061	38781057	0.00011	synonymous	C
3	38758875	38783871	0.00011	synonymous	A
3	38758984	38783980	0.00023	synonymous	G
3	38759002	38783998	0.00011	synonymous	C
3	38759020	38784016	0.00034	synonymous	G
3	38766632	38791628	0.00011	synonymous	T
3	38766674	38791670	0.00011	synonymous	G
3	38768756	38793752	0.00113	synonymous	C
3	38768807	38793803	0.00011	synonymous	A
3	38768993	38793989	0.24680	synonymous	G
3	38773175	38798171	0.24921	synonymous	C
3	38773358	38798354	0.00011	synonymous	C
3	38773636	38798632	0.00011	synonymous	A
3	38777223	38802219	0.00011	synonymous	C
3	38777784	38802780	0.00011	synonymous	C
3	38777862	38802858	0.00011	synonymous	C
3	38777876	38802872	0.00034	synonymous	G
3	38780043	38805039	0.00079	synonymous	T
3	38780055	38805051	0.00023	synonymous	T
3	38780061	38805057	0.00011	synonymous	C
3	38780079	38805075	0.00011	synonymous	T
3	38805456	38830452	0.00011	synonymous	T

3	38810272	38835268	0.00011 synonymous	G
3	38810337	38835333	0.00011 synonymous	A
3	38810344	38835340	0.00011 synonymous	C
3	38810461	38835457	0.01070 synonymous	G

ALT	rs	Polyphen2	SIFT	PlyloP	LRT	Ancestral_allele
A		NA	NA	C	N	G
A		NA	NA	C	D	G
T		NA	NA	C	D	C
A		NA	NA	C	D	G
A		NA	NA	C	N	G
C		NA	NA	C	D	G
T		D	D	C	D	C
T		D	D	C	D	G
A		D	D	C	N	G
C		D	D	N	D	A
T						
T						
C		B	T	C	N	T
T		D	T	N	D	A
T		B	T	C	N	A
A		B	D	N	N	G
A		D	D	C	D	G
G		D	D	C	D	T
A		D	D	C	D	G
T		P	D	C	D	C
T		D	T	C	U	C
T		D	D	C	D	C
C		D	D	C	D	T
A		D	D	C	D	G
G		D	D	C	N	A
T		D	D	C	D	C
G		D	D	C	D	T
T	rs77804526	B	T	N	N	C
G		D	D	C	D	A
T		D	D	C	D	C
A		D	D	C	D	C
T		D	D	C	D	C
T		P	D	C	D	C
A		P	D	C	D	T
T		D	D	C	D	C
C		D	T	N	N	T
T		D	D	C	D	C

T		B	T	C	N	C
T		D	D	C	D	C
G		D	D	C	D	A
A		D	D	C	D	T
T		D	T	N	D	A
C		B	D	C	D	T
G		D	D	C	D	A
G		D	D	C	D	A
C		B	D	C	N	G
T		D	D	C	D	C
T		D	D	C	D	G
T	rs11711062	D	T	C	N	C
A		B	T	N	N	A
G		D	D	N	NA	T
C		D	D	C	D	A
T		D	D	C	D	A
A		D	D	N	D	C
T		D	D	C	D	G
A		D	D	C	U	C
A		P	T	N	N	T
G		D	D	C	D	A
C		D	T	C	D	T
G		D	D	C	D	A
T		B	T	C	D	C
G		D	D	C	D	C
G		B	T	C	U	T
A		D	T	C	D	G
G	rs12632942	B	T	N	N	G
G	rs6795970	B	T	N	N	G
T	rs73062575	B	T	N	N	G
A		B	T	N	N	T
T		B	T	C	N	C
C		D	D	C	N	A
A		D	D	C	N	G
T		B	T	C	N	C
C	rs57326399	B	T	N	N	t
A		B	T	N	N	G
T		P	D	N	N	G
A		D	D	C	D	G
G		D	D	C	D	T



T		D	D	C	D	C
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G		B	T	N	N	T
A		B	T	N	N	G
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A		D	D	C	D	C
A		D	D	C	D	C
T		D	D	C	D	C
C		D	D	C	D	G
G		B	T	C	N	A
C		P	D	C	D	G
G		P	D	C	D	C
T		D	D	C	D	C
T		D	D	C	D	C
G		D	D	C	D	A
T		B	T	N	N	A
A		P	T	N	D	C
T	rs35332705	D	D	C	D	C
T		B	T	C	N	C
A		B	T	N	N	C
A		P	T	N	N	g
A		B	T	C	N	T
A		D	D	C	N	G
C		P	T	C	N	G
G	rs7630989	B	T	N	N	T
T		B	D	C	N	A
A		D	D	N	N	C
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A		P	D	C	NA	G
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C		P	D	C	N	T
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C		D	T	C	D	T
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A		D	D	C	D	C
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A		D	D	N	D	C
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T		D	D	C	D	C
T		D	D	C	N	C
C	rs74717885	B	T	N	N	T
G		D	D	C	D	A
A		D	D	C	D	G
T		B	T	N	N	C
C		D	T	C	D	T
C		P	T	C	D	T
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T		D	D	C	D	C
C		D	T	C	D	G
C		B	T	C	N	G
G		B	D	C	N	A
A		B	T	C	D	T
A		D	D	N	D	C
G		B	T	N	N	A

A	rs111535651
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A	rs116353929
A	
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G	rs6599242
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T	rs78425180
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rs6771157

rs6791171

rs59468016

rs7374804

rs7617919

rs62244070

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rs34314583

AA REF      AA ALT

Q            X  
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Y            X

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