

**Table S1.** *ERMAP* primers

Name	Sequence (5'→3')	Orientation	Use		
			Primary amplicon	Nested PCR allele-specific	Sequencing
ScF3	GTGCTCCATGAGTCAAGCGATTAC	Sense	Yes	No	Yes
SCSEQ_1	CCGCCTGTCTTGCTTTCATA	Anti-sense	No	No	Yes
SCSEQ_2	TTCTCGCTGTCCCTGTAAA	Anti-sense	No	No	Yes
SCSEQ_3	CAGGGTGTAGCTGGAGATAAAG	Sense	No	No	Yes
SCSEQ_4	CCATCACCAAGGATAGCAGATAA	Anti-sense	No	No	Yes
SCSEQ_5	CAGAGCAAGACCCTGTCTTAAA	Anti-sense	No	No	Yes
SCSEQ_6	GCAAATGACCACCACACTTAC	Anti-sense	No	No	Yes
SCSEQ_7	TGCACCAGATGCTGGAAATAA	Anti-sense	No	No	Yes
SCSEQ_8	GGTACCCTGAAGTGTGTATGAT	Sense	No	No	Yes
SCSEQ_9	GGAGACTGGGAAACTGAAGATG	Anti-sense	No	No	Yes
SCSEQ_10	GTCCTAGGAAGGTTGCATAAC	Anti-sense	No	No	Yes
SCSEQ_11	CAATCCCAGCTCTGCTACTTAC	Anti-sense	No	No	Yes
SCSEQ_12	GGAAGGGATGAGGAAGAGGATA	Anti-sense	No	No	Yes
SCSEQ_13	AATGGACATGGCTGGGTAAG	Anti-sense	No	No	Yes
SCSEQ_14	TGCCCAAGAGGGAAGTGTCT	Sense	No	No	Yes
SCSEQ_15	CCCAAACCATGTCTTTGCATT	Sense	No	No	Yes
SCSEQ_16	GTTGTGGTGTAGCCCAGATAG	Anti-sense	No	No	Yes
SCSEQ_17	CTTGTCTCTCTCCACTCTCT	Anti-sense	No	No	Yes
SCSEQ_18	CCTCCCGAGTAGCTGGATTA	Sense	No	No	Yes
SCSEQ_19	AGGACCATAACCCTGGCAGAG	Sense	No	No	Yes
SCSEQ_20	CTTTGCCCATGTCCCTAAGTAA	Sense	No	No	Yes
SCSEQ_21	CGGCTACTTAGGAGACTGAATG	Sense	No	No	Yes
SCSEQ_22	AGGACCATCCAAACCATTC	Sense	No	No	Yes
SCSEQ_23	TTAGACATCTCCCTGAGGT	Sense	No	No	Yes
SCSEQ_24	TCCAACACTCCTGCCCTTAT	Sense	No	No	Yes
SCSEQ_25	GGAGTCGAGTAGCTTGAACAT	Sense	No	No	Yes
SCSEQ_26	GCAGTGGTAAAGCAAGGAATG	Sense	No	No	Yes
SCSEQ_27	GGAAAGGCTAATGAAGGGAGTT	Anti-sense	No	No	Yes
SCSEQ_28	GGAGGTGGAGGTGAAGATAGA	Sense	No	No	Yes
SCSEQ_29	GTCAGTGACACCTCAGATCATT	Sense	No	No	Yes
SCSEQ_30	GAGAGGATTCAGTGCTACTTC	Sense	No	No	Yes
SCSEQ_31	GCCGACAGCAGAAATGAAAC	Sense	No	No	Yes
SCSEQ_32	ACGTTTCACCAGGAAGAGATAG	Sense	No	No	Yes
SCSEQ_33	GTGAGCCGAGATTGCACTATT	Sense	No	No	Yes
SCSEQ_34	CTTCCGTACCAACTTATCTCCTG	Sense	No	No	Yes
SCSEQ_35	GTGACTTGTCTGTTCTGTTCTA	Sense	No	No	Yes
SCSEQ_36	CCTTCAGGCAGAGTACAACAA	Sense	No	No	Yes
SCSEQ_37	GTTTCATCAAGTCTGCACAATAGC	Sense	No	No	Yes
SCSEQ_38	ACTTCCCACTAAGCCCTACCT	Sense	No	No	Yes
SCSEQ_39	GCAGTGGCAGTGACCCTGGAC	Sense	No	No	Yes
SCSEQ_40	GGAGGAAGTGCTCTGAGATATG	Anti-sense	No	No	Yes
SCSEQ_41	CCAGTCCCTGACTTCTTACTTATC	Sense	No	No	Yes

SCSEQ_42	CTAGCTGGACCTCTCTGAATCT	Anti-sense	No	No	Yes
SCSEQ_43	CTGCTCACTGACTCACTACATAC	Anti-sense	No	No	Yes
SCSEQ_44	GAGATAGGGCCTTGCTCT	Sense	No	No	Yes
SCSEQ_45	GAGACAGAGTCTCGCTCCGT	Anti-sense	No	No	Yes
SCSEQ_46	GAGACAGAGTTTCACTCTGC	Anti-sense	No	No	Yes
ScR3	TACCTTCCCACAACCTCCTCATTC	Anti-sense	Yes	No	Yes
SCAS_1	GGGCGGATCACAAGGTCA	Sense	No	Yes	No
SCAS_2	GGGCGGATCACAAGGTCG	Sense	No	Yes	No
SCAS_3	CCAAATGTGGGCGGGCCTT	Anti-sense	No	Yes	No
SCAS_4	CCAAATGTGGGCGGGCCTC	Anti-sense	No	Yes	No
SCAS_5	ACCAAAACACAAATACCAAACCTTC	Anti-sense	No	Yes	No
SCAS_6	ACCAAAACACAAATACCAAACCTTTT	Anti-sense	No	Yes	No
SCAS_7	AATGCACATAATGTAGCACTTGGTG	Sense	No	Yes	No
SCAS_8	AATGCACATAATGTAGCACTTGGTA	Sense	No	Yes	No
SCAS_9	GGTGTTAGCTTTGGTGAACCTT	Sense	No	Yes	No
SCAS_10	GGTGTTAGCTTTGGTGAACCTC	Sense	No	Yes	No

**Table S2.** Genetic variations detected in the *ERMAP* gene

Location	Nucleotide Change *	dbSNP reference no.	Protein residue change †	Donor observations (N=50)			HWE <i>p</i> value	Global VAF‡	Observed in the present study	Position in Table 1 and Table S4
				Homozygous	Heterozygous	VAF				
Intron 1	-121-1490A>G	rs7538928	NA	1	10	0.12	0.707	0.131	Yes	1
	-121-1257T>C	rs12126596	NA	10	22	0.42	0.493	0.382	Yes	2
	-121-795T>C	rs6600425	NA	50	0	1.00	NA	0.989	No	NA
	-121-522T>C	rs6691307	NA	0	2	0.02	0.885	0.020	Yes	3
Intron 2	-121-452G>A	Novel	NA	0	1	0.01	0.943	NA	Yes	4
	-6+634G>T	Novel	NA	0	1	0.01	0.943	NA	Yes	5
	-6+798C>T	rs190962346	NA	0	1	0.01	0.943	0.002	Yes	6
	-6+1397G>A	rs6658001	NA	5	19	0.29	0.585	0.286	Yes	7
	-6+1466C>T	Novel	NA	0	1	0.01	0.943	NA	Yes	8
	-6+1835C>A	rs1471747	NA	50	0	1.00	NA	0.989	No	NA
	-6+1993C>T	rs183580459	NA	0	1	0.01	0.943	0.001	Yes	9
	-6+2239A>G	rs35531445	NA	0	1	0.01	0.943	0.029	Yes	10
	-5-1676G>A	rs35245962	NA	1	11	0.13	0.846	0.132	Yes	11
	-5-1479G>A	rs114193579	NA	0	2	0.02	0.885	0.008	Yes	12
	-5-1374C>G	rs6703396	NA	0	2	0.02	0.885	0.017	Yes	13
	-5-1072C>T	rs529383471	NA	0	1	0.01	0.943	0.001	Yes	14
	-5-477G>C	rs551984772	NA	0	1	0.01	0.943	0.001	Yes	15
	-5-297C>T	rs35568889	NA	0	1	0.01	0.943	0.010	Yes	16
	Exon 3	-3C>T	rs543001910	NA	0	1	0.01	0.943	0.000	Yes
-2G>A		rs12124733	NA	7	28	0.42	0.290	0.335	Yes	18
11C>T		rs35757049	Ala4Val	0	2	0.02	0.885	0.017	Yes	19
54C>T		rs33950227	Leu18Leu	1	11	0.13	0.846	0.146	Yes	20
76C>T		rs33953680	His26Tyr	2	11	0.15	0.331	0.142	Yes	21
Intron 3	86-85G>T	rs12727498	NA	4	19	0.27	0.798	NA	Yes	22
	86-79G>A	Novel	NA	0	1	0.01	0.943	NA	Yes	23
	86-60C>A	rs138466210	NA	0	1	0.01	0.943	0.000	Yes	24
Exon 4	103G>A	rs146429994	Gly35 Ser	0	0	0.00	NA	0.002	No	NA
	139G>A	rs56047316	Glu47Lys	0	0	0.00	NA	0.001	No	NA
	169G>A	rs56025238	Gly57Arg	0	0	0.00	NA	0.001	No	NA
	178C>G	rs56136737	Pro60Ala	0	0	0.00	NA	NA	No	NA
	242G>A	rs368064875	Arg81Gln	0	0	0.00	NA	NA	No	NA
	307_308delGA	rs387906265	Asp103Cysfs	0	0	0.00	NA	NA	No	NA
Intron 4	433+296T>G	rs17386017	NA	2	11	0.15	0.331	0.158	Yes	25
	433+436T>G	rs115186448	NA	0	9	0.09	0.484	0.03	Yes	26
	433+792A>T	rs12123271	NA	6	18	0.30	0.312	0.266	Yes	27
	433+1097A>G	rs12028144	NA	2	10	0.14	0.230	0.158	Yes	28
	433+1162G>A	rs34052572	NA	0	4	0.04	0.768	0.007	Yes	29
	433+1225C>T	rs191545157	NA	0	1	0.01	0.943	0.002	Yes	30
	433+1239A>G	rs11210725	NA	50	0	1.00	NA	0.989	No	NA
	433+1281T>C	rs11580112	NA	6	29	0.41	0.159	0.445	Yes	31
	433+1345C>G	rs34496324	NA	0	4	0.04	0.768	0.035	Yes	32
	433+1492T>C	rs11802698	NA	0	4	0.04	0.768	0.044	Yes	33
	433+1548A>G	rs10789427	NA	50	0	1.00	NA	0.988	No	NA
	433+1577G>A	rs35837615	NA	0	1	0.01	0.943	0.002	Yes	34
	433+1763A>G	rs56161641	NA	17	29	0.63	0.084	0.679	Yes	35
434-1838C>T	rs4660671	NA	0	12	0.12	0.334	0.157	Yes	36	

	434-1588A>G	rs11210726	NA	16	28	0.60	0.238	0.662	Yes	37
	434-1479T>C	rs747148476	NA	0	1	0.01	0.943	NA	Yes	38
	434-1474G>A	rs12073215	NA	0	4	0.04	0.768	0.044	Yes	39
	434-1409G>A	rs58724795	NA	0	2	0.02	0.885	0.027	Yes	40
	434-1173T>C	rs7540312	NA	4	24	0.32	0.466	0.276	Yes	41
	434-1061G>A	rs7548186	NA	44	5	0.93	0.100	0.877	Yes	42
	434-874T>C	rs7540604	NA	20	24	0.64	0.768	0.660	Yes	43
	434-456T>C	rs35805842	NA	0	8	0.08	0.538	0.140	Yes	44
	434-46T>C	rs4660672	NA	16	20	0.52	0.159	0.418	Yes	45
Intron 5	550+96C>G	rs4660673	NA	22	23	0.67	0.775	0.748	Yes	46
	551-12T>C	rs149950197	NA	0	1	0.01	0.943	0.018	Yes	47
Intron 6	583+253C>T	Novel	NA	0	2	0.02	0.885	NA	Yes	48
	584-314A>T	rs11581978	NA	1	8	0.10	0.432	0.114	Yes	49
Intron 7	616+110C>G	rs1466548	NA	17	21	0.55	0.284	0.446	Yes	50
	616+504G>C	rs17386162	NA	1	8	0.10	0.432	0.114	Yes	51
	616+675G>A	rs11210727	NA	2	18	0.22	0.729	0.186	Yes	52
	616+719C>T	rs7522285	NA	47	3	0.97	0.826	0.971	Yes	53
	617-498C>T	rs35932223	NA	0	3	0.03	0.826	0.012	Yes	54
	617-485C>T	rs35828903	NA	0	3	0.03	0.826	0.012	Yes	55
	617-398C>A	rs11210728	NA	50	0	1.00	NA	0.976	No	NA
	617-336G>C	rs34391768	NA	0	3	0.03	0.826	0.012	Yes	56
	617-204C>A	rs35761132	NA	1	8	0.10	0.432	0.114	Yes	57
Intron 8	c.637+33C>G	rs34228099	NA	0	1	0.01	0.943	0.009	Yes	58
Intron 9	658+29G>A	rs12034000	NA	7	25	0.39	0.719	0.260	Yes	59
Intron 11	712+161G>A	rs11210729	NA	3	17	0.23	0.776	0.186	Yes	60
	712+250G>A	rs1466549	NA	50	0	1.00	NA	0.996	No	NA
	713-1097G>A	Novel	NA	0	1	0.01	0.943	NA	Yes	61
	713-606A>G	rs11210730	NA	50	0	1.00	NA	0.004	No	NA
	713-556G>A	rs12078281	NA	3	26	0.32	0.168	0.267	Yes	62
	713-364C>G	rs35303774	NA	0	1	0.01	0.943	0.017	Yes	63
	713-34C>G	rs34993626	NA	0	3	0.03	0.826	0.018	Yes	64
Exon 12	888G>A	rs35972628	Glu296Glu	0	1	0.01	0.943	0.001	Yes	65
	936G>A	rs140414272	Glu312Glu	0	1	0.01	0.943	0.000	Yes	66
	994C>T	NA	Arg332Ter	0	0	0.00	NA	NA	No	NA
Exon 12 (3' UTR)	c.*484 *485insT	rs55986603	NA	0	0	0.00	NA	NA	No	NA
	*645G>A	rs1484324	NA	47	3	0.97	0.826	0.0940	Yes	67
	*939G>C	rs10789428	NA	50	0	1.00	NA	0.989	No	NA
	*1122T>C	rs36098574	NA	0	3	0.03	0.826	0.012	Yes	68
	*1129T>C	rs148274743	NA	0	1	0.01	0.943	0.001	Yes	69
	*1424A>G	rs34137903	NA	0	3	0.03	0.826	0.012	Yes	70
	*1526A>G	rs34423918	NA	0	3	0.03	0.826	0.012	Yes	71
	*1736A>G	rs12406279	NA	1	8	0.10	0.432	0.115	Yes	72

\* relative to NCBI Reference Sequence NM\_001017922.1

† relative to NCBI Reference Sequence NP\_001017922.1

‡ global VAF from 1000Genome phase 1 genotype data from 1094 worldwide individuals

VAF-variant allele frequency

NA- Not available

**Table S3.** *ERMAP* genotypes observed in the 50 individuals

Genotype number	Genotype															Total
1	A/A	T/C	C/C	T/T	G/G	G/G	C/C	G/A	C/C	A/A	C/C	A/A	G/G	G/G	C/C	2
	C/C	G/G	C/C	C/C	G/A	C/C	C/C	C/C	G/T	G/G	C/C	T/T	T/T	A/T	A/A	
	G/G	C/C	G/G	T/C	C/C	T/T	G/G	G/G	G/A	C/C	G/A	T/T	G/G	G/G	T/C	
	A/A	C/T	T/T	C/T	G/C	T/T	C/C	A/A	G/G	G/G	G/A	T/T	C/C	C/C	A/A	
	G/G	C/C	C/C	G/A	G/A	A/A	G/G	G/G	G/A	C/C	C/C	G/G	G/G	A/A	C/C	
2	T/T	T/T	A/A	A/A	A/A											1
	A/A	C/C	C/C	T/T	G/G	G/G	C/C	G/G	C/C	A/A	C/C	A/A	G/G	G/G	C/C	
	C/C	G/G	C/C	C/C	A/A	C/C	C/C	C/C	G/G	G/G	C/C	A/A	T/T	T/T	A/A	
	G/G	C/C	G/G	T/T	C/C	T/T	G/G	G/G	A/A	C/C	A/A	T/T	G/G	G/G	C/C	
	A/A	T/T	T/T	T/T	C/C	T/T	C/C	A/A	G/C	G/G	G/A	T/T	C/C	C/C	A/A	
3	G/G	C/C	C/C	G/G	G/A	A/A	G/G	G/G	G/G	C/C	C/C	G/G	G/G	A/A	C/C	1
	A/A	C/C	T/T	C/C	G/G	T/T	C/C	A/A	C/C	G/G	G/G	T/T	C/C	C/C	A/A	
	G/G	C/C	C/C	G/G	G/G	A/A	G/G	G/G	G/G	C/C	C/C	G/G	G/G	A/A	C/C	
	T/T	T/T	A/A	A/A	A/A											
	A/A	T/T	C/C	T/T	G/G	G/G	C/C	G/A	C/C	A/A	C/C	A/A	G/G	G/G	C/C	
4	C/C	G/G	C/C	C/C	G/G	C/C	C/C	C/C	G/T	G/G	C/C	T/T	T/T	A/A	A/A	1
	G/G	C/C	G/G	T/T	C/C	T/T	G/G	G/G	A/A	C/C	A/A	T/T	G/G	G/G	C/C	
	A/A	T/T	T/T	T/T	C/C	T/T	C/C	A/A	G/G	G/G	G/G	T/T	C/C	C/C	A/A	
	G/G	C/C	C/C	A/A	G/G	A/A	G/G	G/G	A/A	C/C	C/C	G/G	G/G	A/A	C/C	
	T/T	T/T	A/A	A/A	A/A											
5	A/A	T/C	C/C	T/T	G/A	G/G	C/C	G/A	C/C	A/A	C/C	A/A	G/G	G/G	C/C	1
	C/C	G/G	C/C	C/C	G/A	C/C	C/C	C/C	G/T	G/G	C/C	T/T	T/T	T/T	A/A	
	G/G	C/C	G/G	T/C	C/C	T/T	G/G	G/G	G/A	C/C	G/A	T/T	G/G	G/G	T/C	
	A/A	C/T	T/T	C/T	G/C	T/C	C/C	A/A	G/G	G/G	G/A	T/T	C/C	C/C	A/A	
	G/G	C/C	C/C	G/A	G/A	A/A	G/G	G/G	G/A	C/C	C/C	G/G	G/G	A/A	C/C	
6	T/T	T/T	A/A	A/A	A/A											1
	A/A	T/C	C/C	T/T	G/G	G/G	C/C	G/A	C/C	A/A	C/C	A/A	G/G	G/G	C/C	
	C/C	G/G	C/C	C/C	G/A	C/C	C/C	C/C	G/T	G/G	C/C	T/T	T/T	A/A	A/A	
	G/G	C/C	G/G	T/C	C/C	T/T	G/G	G/G	G/A	C/C	G/A	T/T	G/G	G/G	T/T	
	A/A	C/C	T/C	C/T	G/G	T/T	C/C	A/A	G/C	G/G	G/A	T/T	C/C	C/C	A/A	
7	G/G	C/C	C/C	G/A	G/A	A/A	G/G	G/G	G/G	C/C	C/C	G/G	G/G	G/A	C/C	1
	T/T	T/T	A/A	A/A	A/A											
	A/A	T/C	C/C	T/T	G/G	G/G	C/C	G/G	C/C	A/A	C/C	A/A	G/G	G/G	C/C	
	C/C	G/G	C/C	C/C	G/A	C/C	C/C	C/C	G/G	G/G	G/G	T/T	T/T	A/T	A/A	
	G/G	C/C	G/G	T/C	C/C	T/T	G/G	G/G	G/A	C/T	G/A	T/T	G/G	G/G	T/C	
8	A/A	C/T	T/T	C/T	G/C	T/T	C/C	A/A	G/C	G/G	G/A	T/T	C/C	C/C	A/A	1
	G/G	C/C	C/C	G/G	G/A	A/A	G/G	G/G	G/G	C/C	C/C	G/G	G/G	A/A	C/C	
	T/T	T/T	A/A	A/A	A/A											
	A/A	C/C	C/C	T/T	G/G	G/G	C/C	G/G	C/C	A/A	C/C	A/A	G/G	G/G	C/C	
	C/C	G/G	C/C	C/C	A/A	C/C	C/C	C/C	G/G	G/G	G/G	C/C	T/T	T/T	A/A	
9	G/G	C/C	G/G	T/T	C/C	T/T	G/G	G/G	A/A	C/C	G/A	T/T	G/G	G/G	C/C	1
	A/A	C/T	T/T	C/T	G/C	T/T	C/C	A/A	G/C	G/G	G/G	T/T	C/C	C/C	A/A	
	G/G	C/C	C/C	G/A	G/G	A/A	G/G	G/G	G/A	C/C	C/C	G/G	G/G	A/A	C/C	
	T/T	T/T	A/A	A/A	A/A											
	A/A	T/C	C/C	T/T	G/G	G/T	C/C	G/G	C/C	A/A	C/C	A/A	G/G	G/G	C/C	











**Table S4.** Comparison of alleles predicted by MaCH and confirmed by allele-specific PCR

Allele number	GenBank number	Allele (confirmed haplotype)	Frequency Predicted by MaCH	Frequency Confirmed by sequencing
1	KX265235	ATTGGCACCAGGCCGCGCCCTGCTTAAGCCCTGGCGTGGTACTCGTCACGGTCCGCGGGGCGGATTAAA	7	8
2	KX265236	-C----G-----A--G---T--T--A-A---C-T-TC--G-----A-A-----	11	12
3	KX265189	-----G-----TTG--G--G--T-----G-A-----A-----	7	7
4	KX265190	G----G--A-----TTG--G--G--T-----T-C-----G	5	5
5	KX265191	-C----G-----G-----T-----CT--G-A-----A-----	4	5
6	KX265192	-C----G-----A--G-----TG--A-A---C--TC--G-----A-A-----	3	4
7	KX265193	-----G-----A-----C-----G---C-GG-	3	3
8	KX265194	-----G-----G-----T-----	3	3
9	KX265195	-C----G-----A--G---GT--T--A-A---C-T-TC--G-----A-A-----	3	3
10	KX265196	-C----G-----A--G---GT--T--A-A---T-TC--G-----A-A-----	3	3
11	KX265197	-C----G-----A--G---T--T--A-A---C-T-TC--G-A-----A-----	3	3
12	KX265198	-----G-----	2	2
13	KX265199	-----TTC-----	2	2
14	KX265200	-----A-----	1	2
15	KX265201	-C----G-----A--G-----T--A-A---C-T-TC--G-----A-A-----	1	2
16	KX265202	-C----G-----A--G-----T--A---C--T--G-A-----A-----	2	2
17	KX265203	-C----G-----A--G---T--T--A-A---C-T-TC-----	2	2
18	KX265204	G----G--A-----TTG--G--G--T-----	2	2
19	KX265205	-C----G-----G-----T-----	1	1
20	KX265206	-----A-----	1	1
21	KX265207	-----A-----T-C-----A-----G	1	1
22	KX265208	-----G-----G-----T-----A-GT-----G-----A-A-----	1	1
23	KX265209	-----G-----G-----T-----A-GT-----TTC-----	1	1
24	KX265210	G----G--A-----TTGAAG-----T-----A-----A-----	0	1
25	KX265211	-----GT-----A--G-----T-C-A-A-A--GT-T-----	1	1
26	KX265212	-CC---G---G---AT--G---T--T--ATA-----T-TC-----	0	1
27	KX265213	-----TG-----TC--A--G---T--T-----T-T---G-----A-AA-----	0	1
28	KX265214	-----G-----A--G---G---T-C-A-A---GT-T--T-C-----G	1	1
29	KX265215	-----G-----A--G---G---T-C-A-A-A--GT-T--G-----A-A-----	1	1
30	KX265216	-----G--G-----A--G-----T-C-A-A-A--GT-T--TGC-----G	0	1
31	KX265217	-----G-----A--A-----	1	1
32	KX265218	--C---G---G--T-AT--G---T-----A-----CTC--G-A---G-A--G--A-----	0	1
33	KX265219	-----G-----G-----G-A-----A-----	1	1
34	KX265220	G----G--AA-----TTG--G--G--T--A---C-----T--TT-C---A-A-----G	1	1
35	KX265221	-----G-----A--G-----T-----GT-T-----G-C---	1	1
36	KX265222	G----G--A-----TTG--G--G--TT-----	1	1
37	KX265223	G----G--A-----TTG--G--G--T-----G-----A-A-----	1	1
38	KX265224	G----G--AA-----TTG--G--G--T--A---C-----T--TT-C---A-A-----G	1	1
39	KX265225	---T-G-----TG--G--TG--T-----C-----	1	1
40	KX265226	---A-----T-----C--G-A-----A-----	0	1
41	KX265227	-C----G-----A--G-----T--A-A---CT-----A-----G----	1	1
42	KX265228	-C----G-----G-----T-----CT--G-----G----	1	1
43	KX265229	-----T-----G-----A-A-----	1	1
44	KX265230	-----G-----T--TG--G--G--T-----C-----T-----	1	1
45	KX265231	-----G-----G-----T-----T-----	1	1
46	KX265232	-----G--A-----TTG--G--T-----G-A-----A-----	1	1
47	KX265233	-C----G-----A--G---G---T--A-A---C-T-TC--G-----A-A-----	1	1
48	KX265234	-C----G-----A--G---T--T--A-A---C-T-TC--G-----AA-A-----	1	1
49	NA	-----G-----T-----	1	0
50	NA	-----T-----G-----A-A-----	1	0
51	NA	-----A-----T-C-----A-----G	1	0
52	NA	G----G--A-----TTGAA-----A-----A-----	1	0
53	NA	-----G-----G-----T-----T-T---G-A-----A-----	1	0
54	NA	-CC---G---G---AT--G---T--T--A---CTC--G-A---G-A--G-----	1	0
55	NA	-C----G-----TC--A--G---T--T-----T-----G-----A-AA-----	1	0
56	NA	-----G--G-----A--G-----T-C-A-A-A--GT-T--G-----A-----	1	0
57	NA	-----G-----T-A--G-----TG--A-A---C--TC--G-----A-A---A-----	1	0
58	NA	-C----G-----A--G---T--A-A---T-TC-----	1	0
59	NA	-CC---G---G---AT--G---T--T--ATA---C-T-TC--G-----A-A-----	1	0
60	NA	-C-A--G-----A--G---T--T--A-A---C-T-TCC--G-A-----AG---G-----	1	0
		Total	100	100

NA- Not available